

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
 Data File : BN003564.D
 Acq On : 16 Nov 2018 15:28
 Operator : MJ/SJ
 Sample : J5928-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4102MS

Quant Time: Nov 16 16:35:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 15 01:42:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	106860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	449925	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	277756	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	646910	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	750070	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	770218	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1494	0.66	ng/uL	0.00
5) Phenol-d5	6.99	99	33826	3.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	83622	16.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	100930	13.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	64265	8.66	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	60533	17.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	65910	16.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	112312	15.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	492	0.08	ng/ul	-0.14
43) Dimethylphthalate-d6	13.88	166	412613	17.92	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	483893	16.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	13684	2.96	ng/ul	0.00
57) Fluorene-d10	15.47	176	374767	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	60548	13.32	ng/ul	0.00
70) Anthracene-d10	17.32	188	580985	18.28	ng/ul	0.00
78) Pyrene-d10	19.61	212	673993	18.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	807107	19.36	ng/ul	0.00

Target Compounds

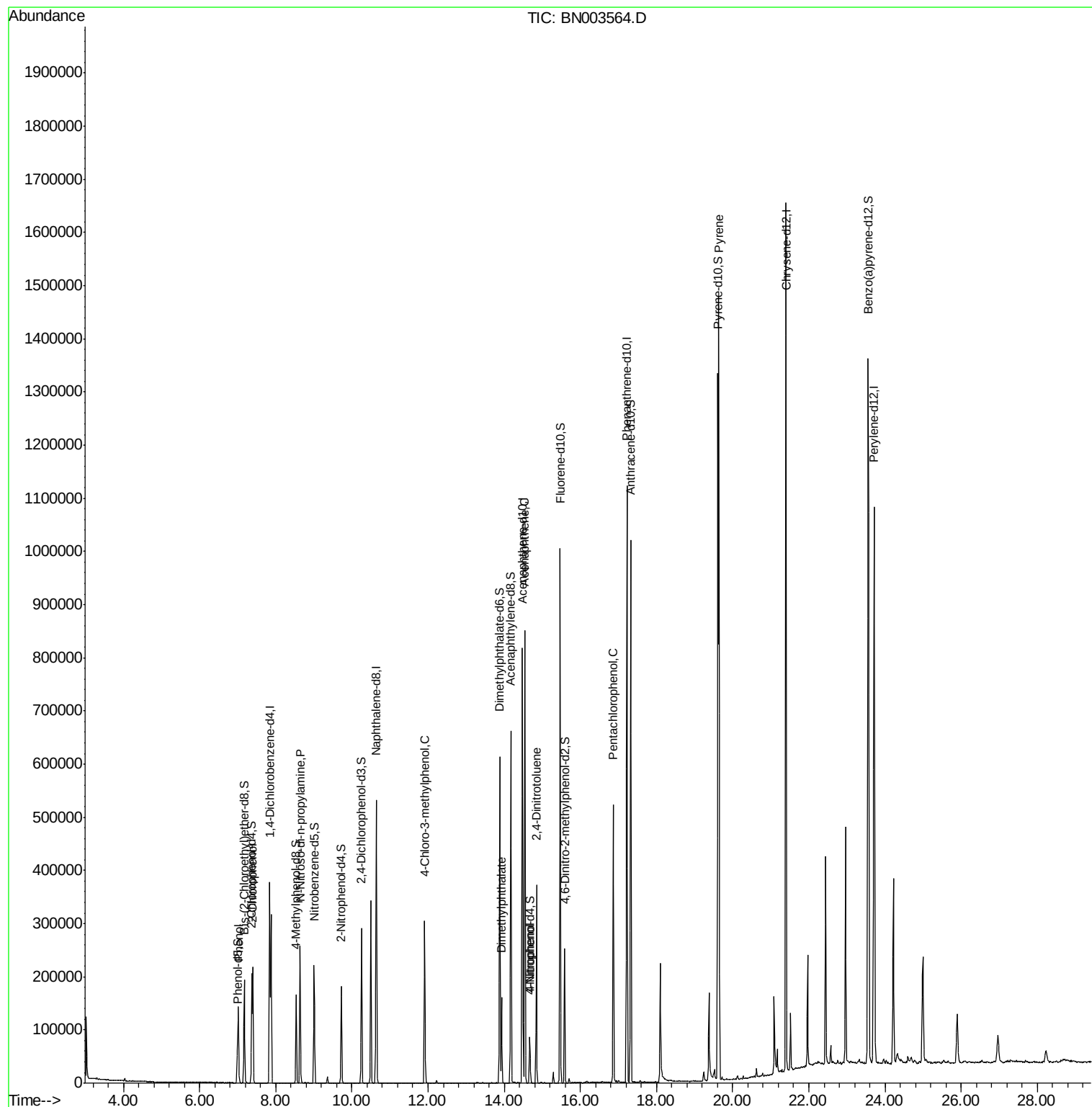
					Ovalue
6) Phenol	7.02	94	85574	9.630	ng/ul 98
10) 2-Chlorophenol	7.40	128	102475	13.504	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.64	70	93527	17.768	ng/ul 99
33) 4-Chloro-3-methylphenol	11.91	107	107746	15.377	ng/ul 96
44) Dimethylphthalate	13.93	163	105407	4.661	ng/ul 100
49) Acenaphthene	14.54	153	347931	17.960	ng/ul 99
52) 4-Nitrophenol	14.68	109	10696	3.724	ng/ul 97
54) 2,4-Dinitrotoluene	14.85	165	116567	16.993	ng/ul 98
68) Pentachlorophenol	16.86	266	97144	17.608	ng/ul 99
79) Pyrene	19.64	202	841705	18.457	ng/ul 99

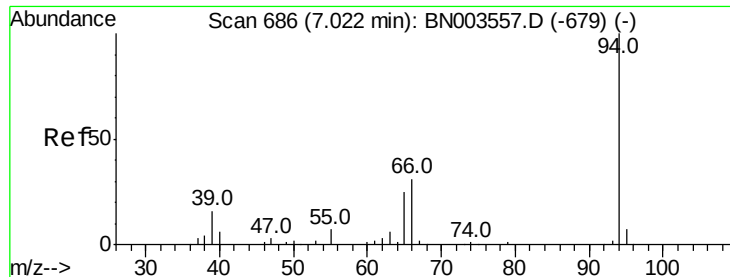
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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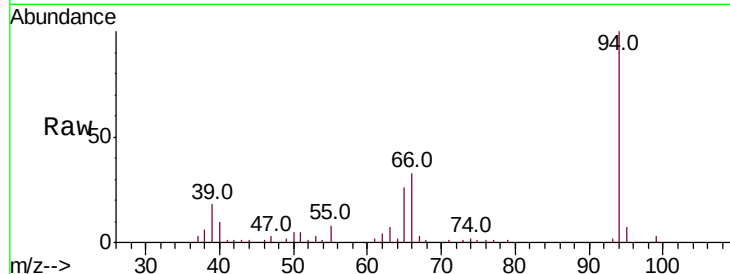




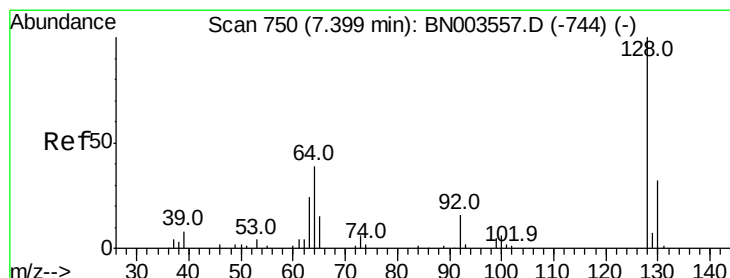
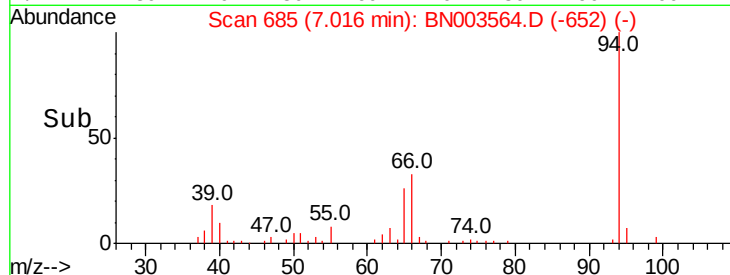
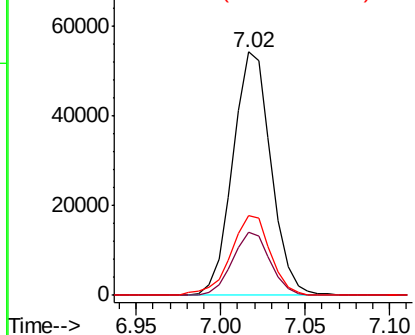
#6
Phenol
Concen: 9.630 ng/ul
RT: 7.02 min Scan# 685
Delta R.T. -0.01 min
Lab File: BN003564.D
Acq: 16 Nov 2018 15:28

Instrument :
BNA_N
ClientSampleId :
A4102MS

Tot Ion: 94 Resp: 85574
Ion Ratio Lower Upper
94 100
65 25.9 19.2 28.8
66 32.8 25.8 38.6

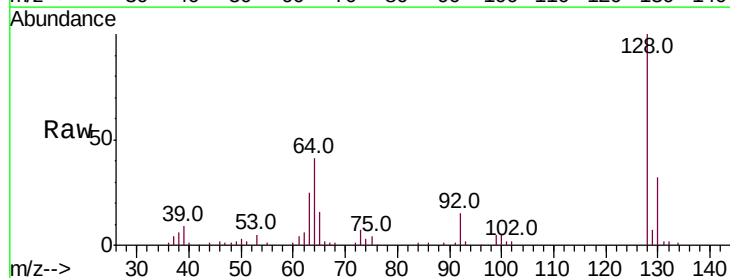


Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0

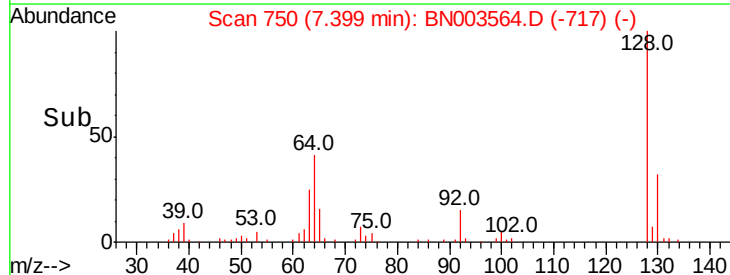
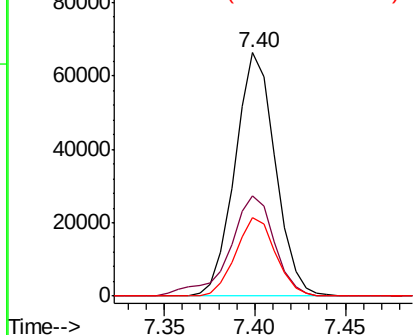


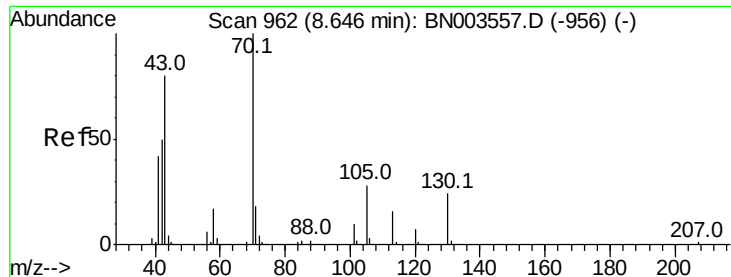
#10
2-Chlorophenol
Concen: 13.504 ng/ul
RT: 7.40 min Scan# 750
Delta R.T. -0.01 min
Lab File: BN003564.D
Acq: 16 Nov 2018 15:28

Tgt Ion:128 Resp: 102475
Ion Ratio Lower Upper
128 100
64 41.3 33.3 49.9
130 32.3 26.3 39.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 17.768 ng/ul

RT: 8.64 min Scan# 961

Delta R.T. -0.01 min

Lab File: BN003564.D

Acq: 16 Nov 2018 15:28

Instrument :

BNA_N

ClientSampleId :

A4102MS

Tot Ion: 70 Resp: 93527

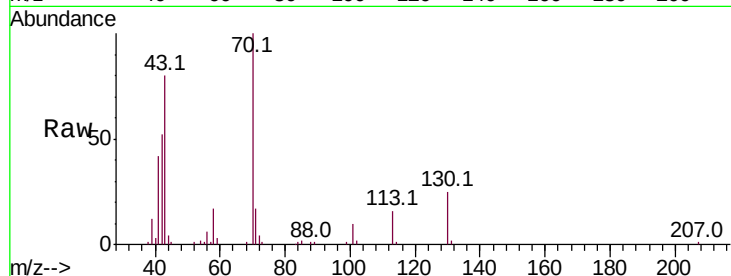
Ion Ratio Lower Upper

70 100

42 51.8 41.0 61.4

101 10.4 8.2 12.2

130 24.5 19.8 29.6

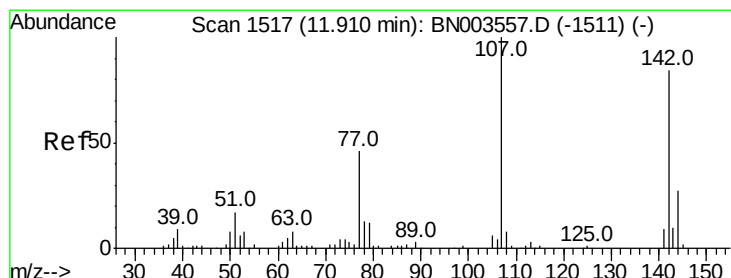
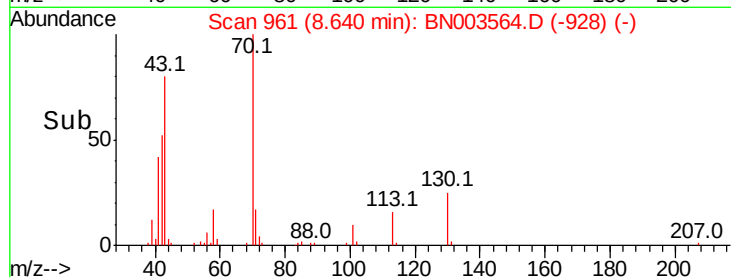
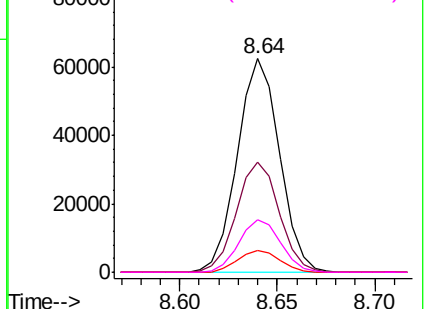


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 15.377 ng/ul

RT: 11.91 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BN003564.D

Acq: 16 Nov 2018 15:28

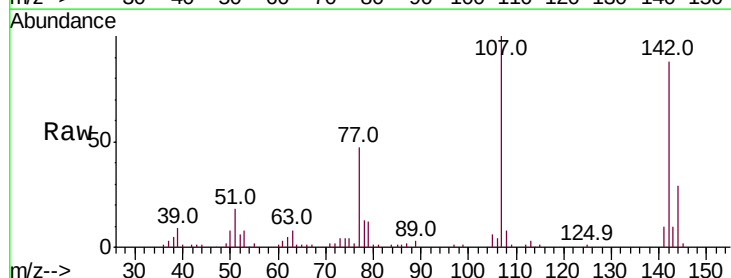
Tgt Ion: 107 Resp: 107746

Ion Ratio Lower Upper

107 100

144 29.3 22.2 33.4

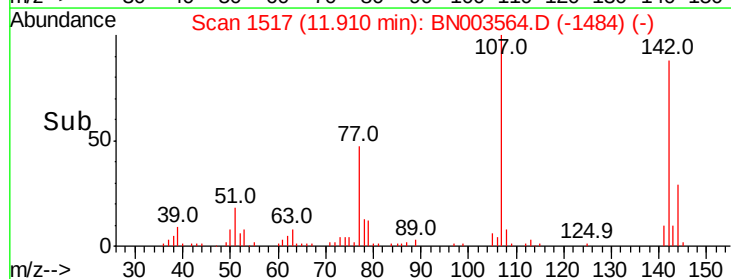
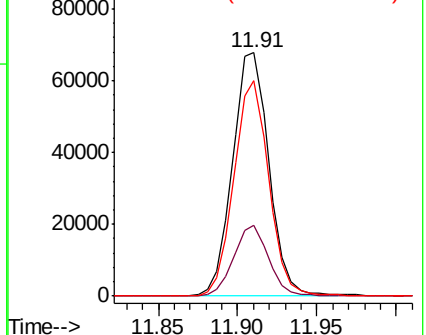
142 88.4 67.3 100.9

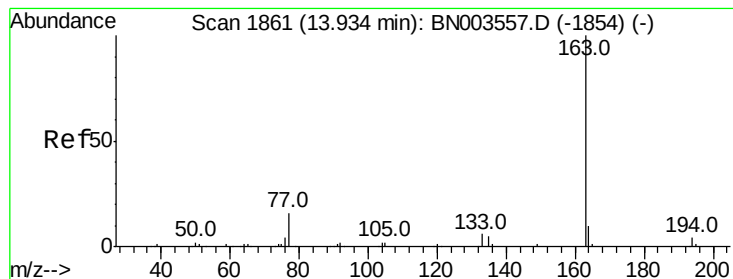


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 4.661 ng/ul

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BN003564.D

Acq: 16 Nov 2018 15:28

Instrument :

BNA_N

ClientSampled :

A4102MS

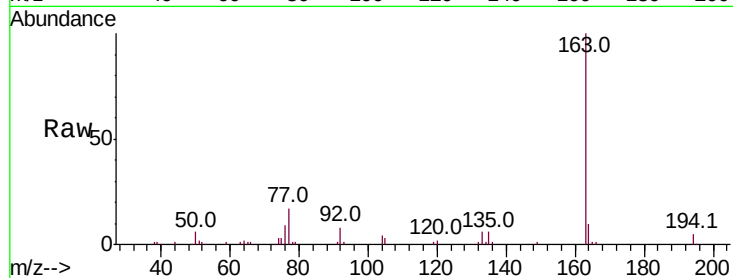
Tot Ion:163 Resp: 105407

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

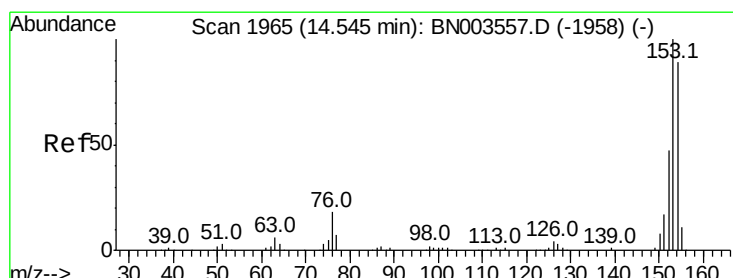
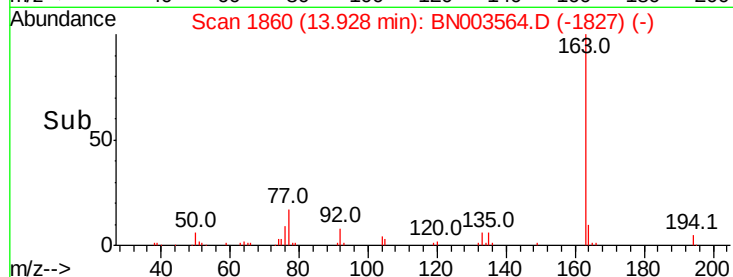
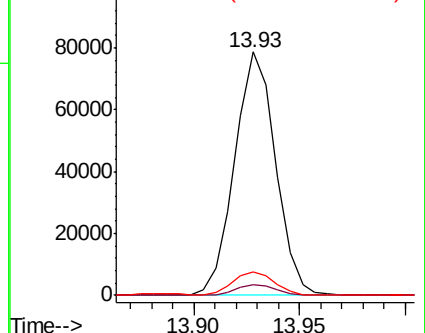
164 9.9 8.0 12.0



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: 17.960 ng/ul

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BN003564.D

Acq: 16 Nov 2018 15:28

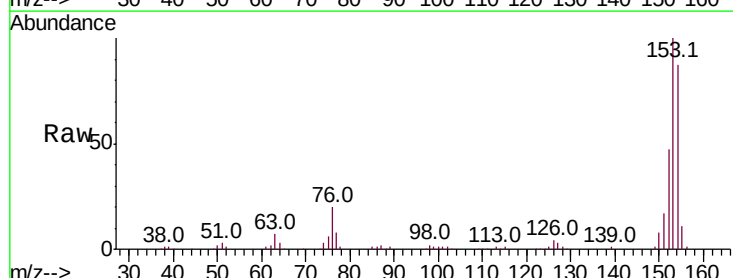
Tgt Ion:153 Resp: 347931

Ion Ratio Lower Upper

153 100

152 46.9 37.5 56.3

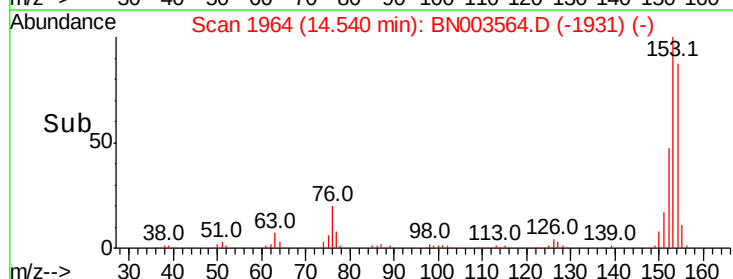
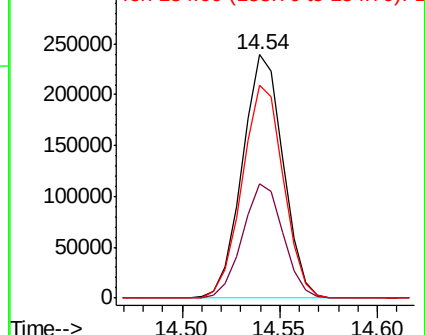
154 87.4 70.7 106.1

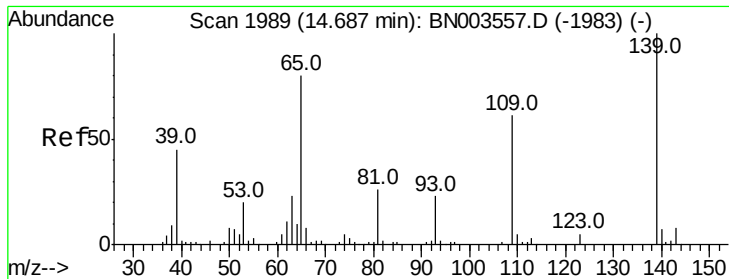


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 3.724 ng/ul

RT: 14.68 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN003564.D

Acq: 16 Nov 2018 15:28

Instrument :

BNA_N

ClientSampleId :

A4102MS

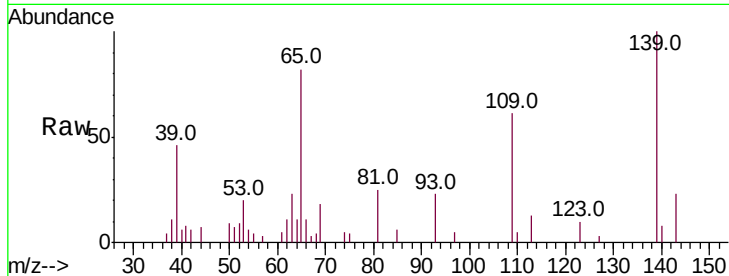
Tot Ion:109 Resp: 10696

Ion Ratio Lower Upper

109 100

139 163.9 133.6 200.4

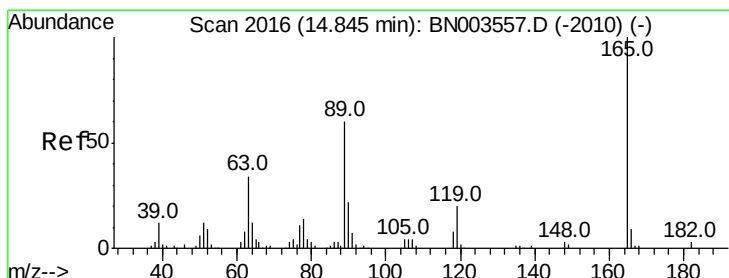
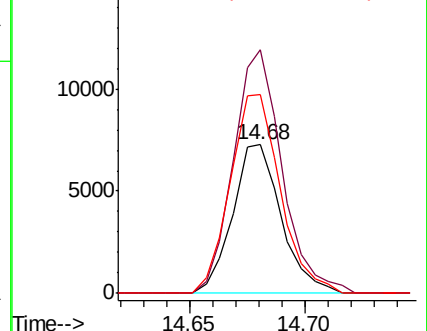
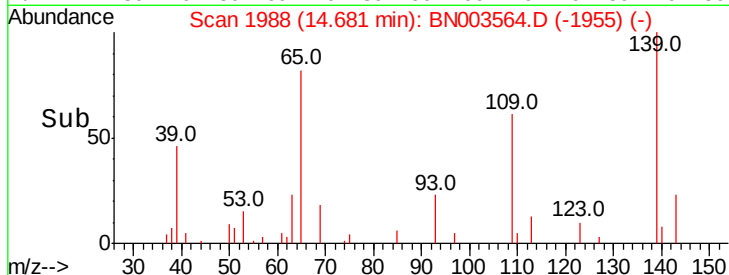
65 133.6 103.7 155.5



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: 16.993 ng/ul

RT: 14.85 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN003564.D

Acq: 16 Nov 2018 15:28

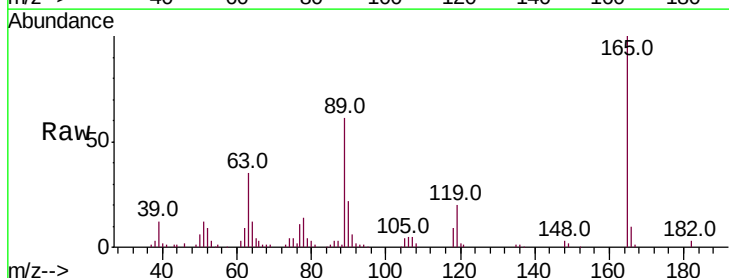
Tgt Ion:165 Resp: 116567

Ion Ratio Lower Upper

165 100

63 35.0 26.8 40.2

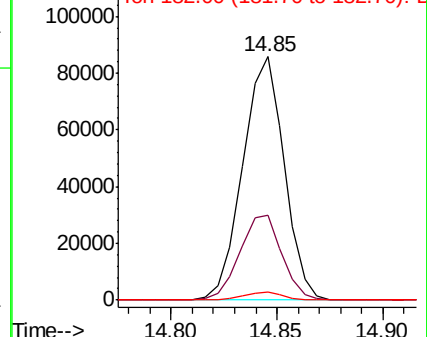
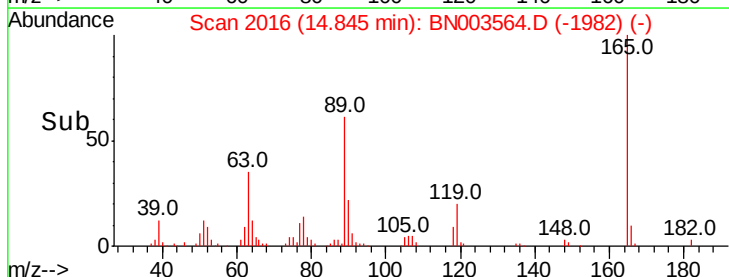
182 3.2 2.5 3.7

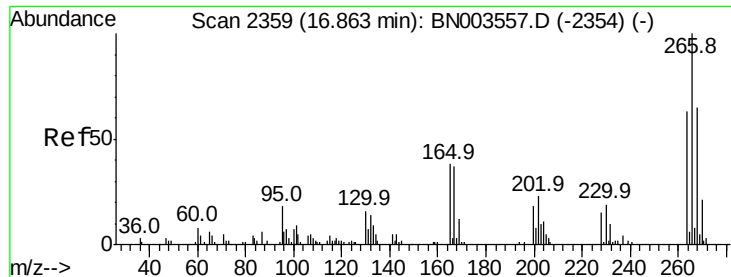


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 17.608 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.00 min

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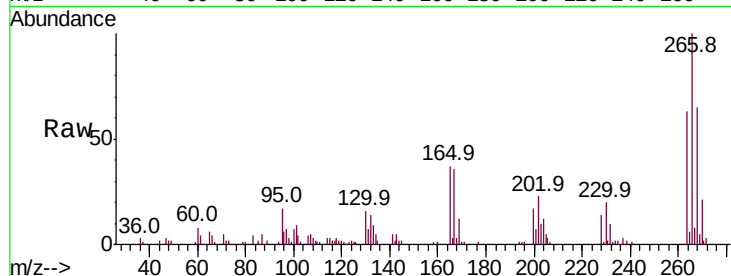
Tot Ion:266 Resp: 97144

Ion Ratio Lower Upper

266 100

264 62.7 50.6 76.0

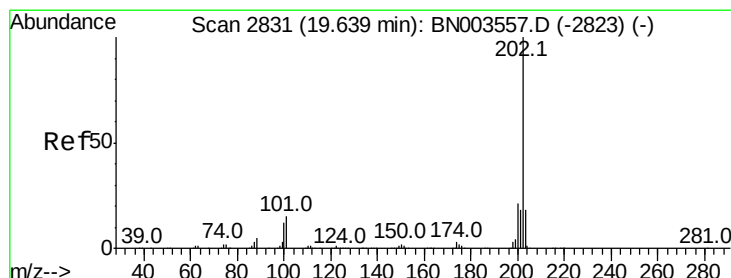
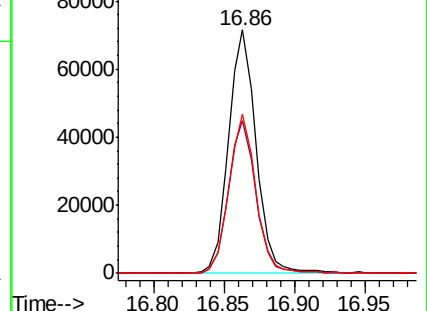
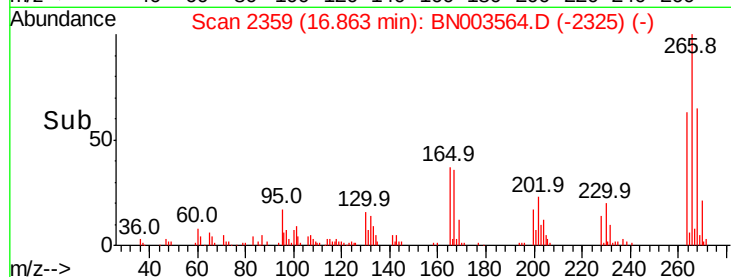
268 65.1 51.3 76.9



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: 18.457 ng/ul

RT: 19.64 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BN003564.D

Acq: 16 Nov 2018 15:28

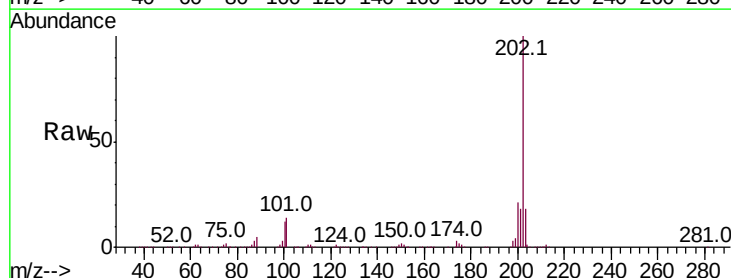
Tgt Ion:202 Resp: 841705

Ion Ratio Lower Upper

202 100

101 14.5 11.0 16.4

100 11.9 9.4 14.0



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

