

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
 Data File : BN002061.D
 Acq On : 16 Jul 2018 22:51
 Operator : JU/SJ
 Sample : J3986-08MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 17 00:51:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 17 00:49:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	291686	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1357757	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	842944	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1955616	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	2090600	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	2026960	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	45945	7.11	ng/uL	0.00
5) Phenol-d5	6.88	99	301846	10.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	508721	30.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	579882	26.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	449100	20.30	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	343970	30.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	393924	30.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	647617	28.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	2188	0.08	ng/ul	0.02
43) Dimethylphthalate-d6	13.75	166	2271677	31.79	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2436409	27.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	149439	10.95	ng/ul	0.00
57) Fluorene-d10	15.33	176	1905827	31.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	381112	29.92	ng/ul	0.00
70) Anthracene-d10	17.18	188	2865201	30.05	ng/ul	0.00
78) Pyrene-d10	19.49	212	3289601	30.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	3140016	28.69	ng/ul	0.00

Target Compounds

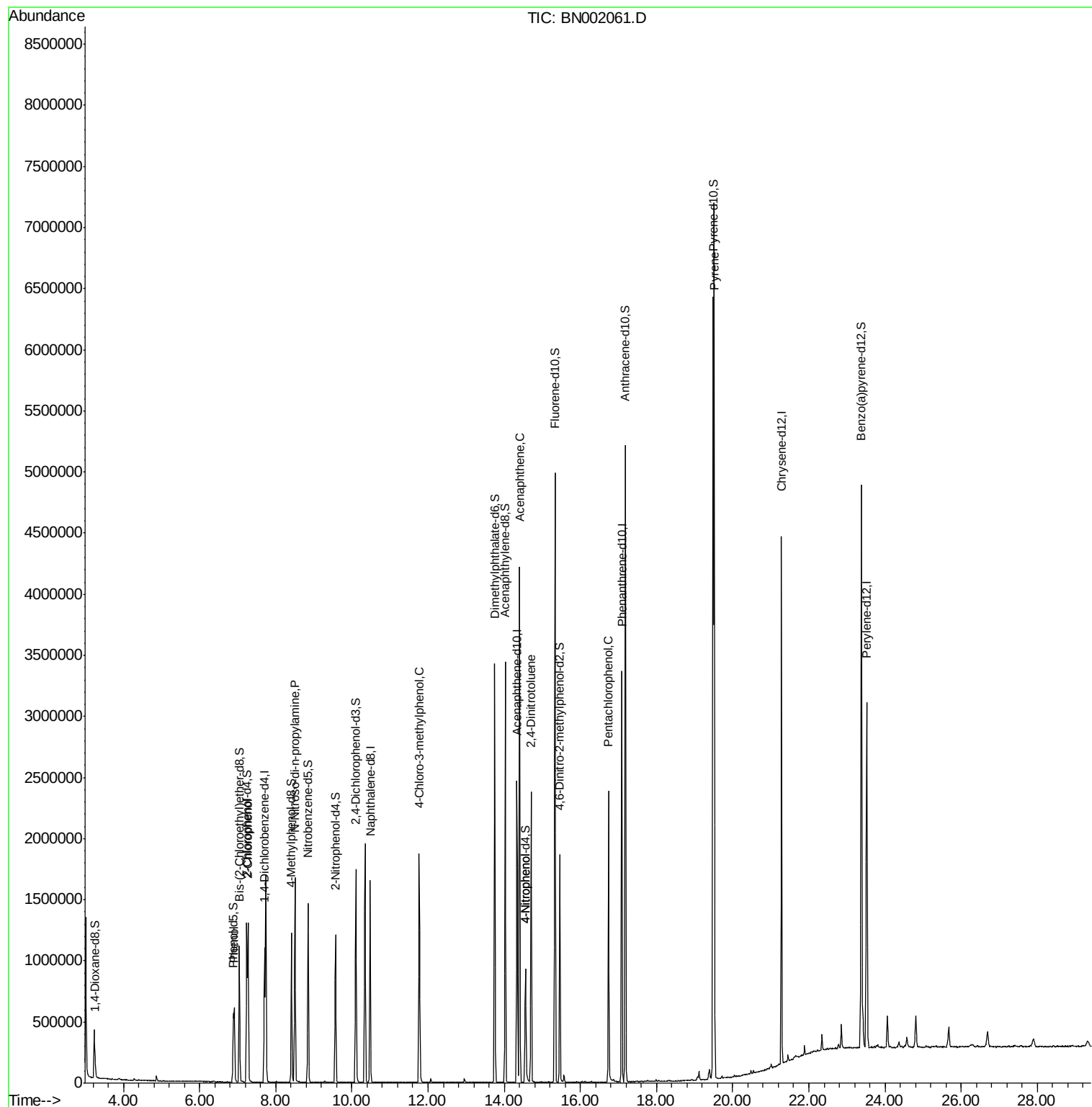
					Ovalue	
6) Phenol	6.91	94	317697	11.517	ng/ul	92
10) 2-Chlorophenol	7.28	128	560651	25.907	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.50	70	594271	32.295	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.77	107	695101	27.959	ng/ul	99
49) Acenaphthene	14.40	153	1710921	29.049	ng/ul	99
52) 4-Nitrophenol	14.56	109	116660	12.228	ng/ul#	82
54) 2,4-Dinitrotoluene	14.71	165	677486	31.578	ng/ul	90
68) Pentachlorophenol	16.74	266	428280	31.618	ng/ul	100
79) Pvrene	19.52	202	4182183	31.175	ng/ul	99

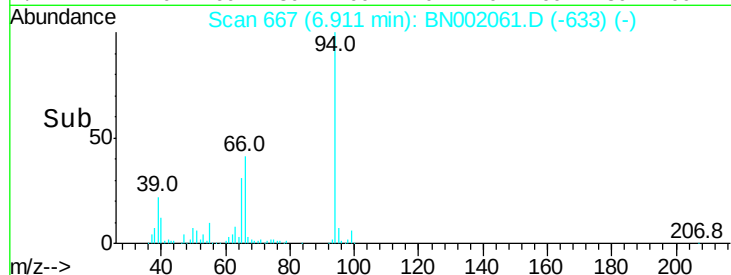
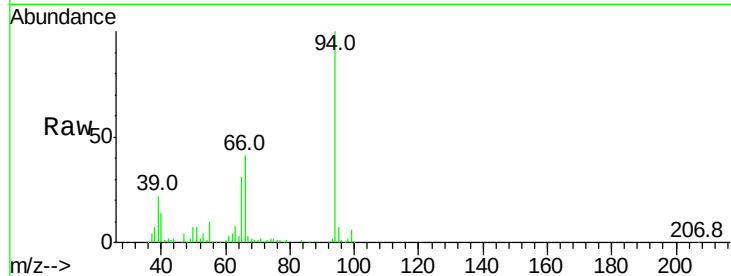
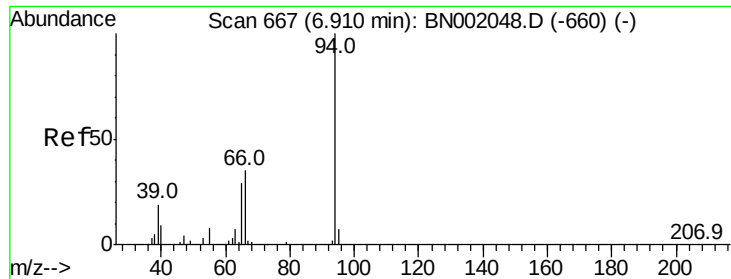
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 17 00:49:33 2018
Response via : Initial Calibration





#6

Phenol

Concen: 11.517 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN002061.D

Acq: 16 Jul 2018 22:51

Instrument :

BNA_N

ClientSampled :

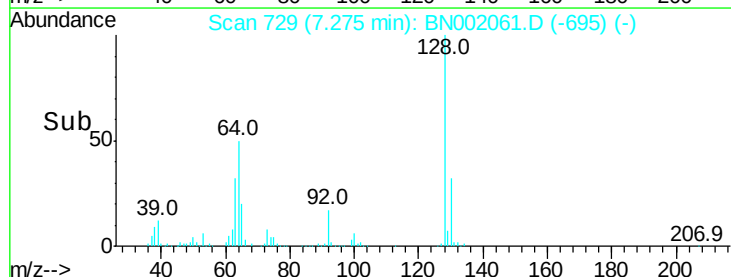
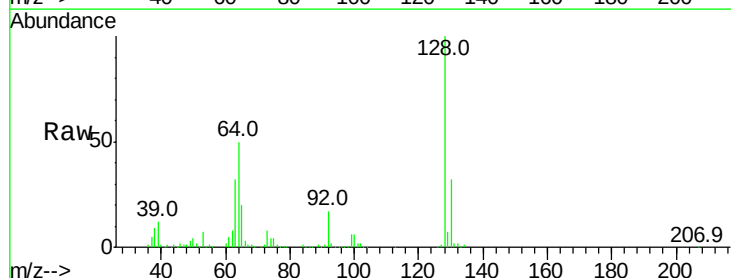
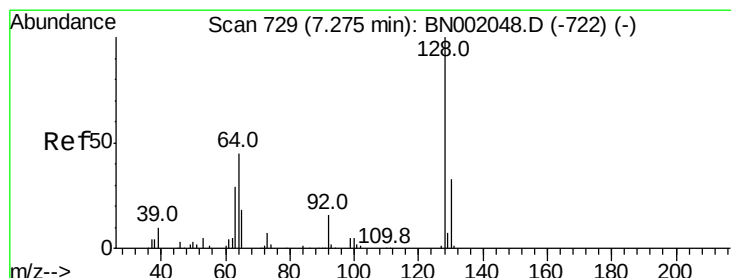
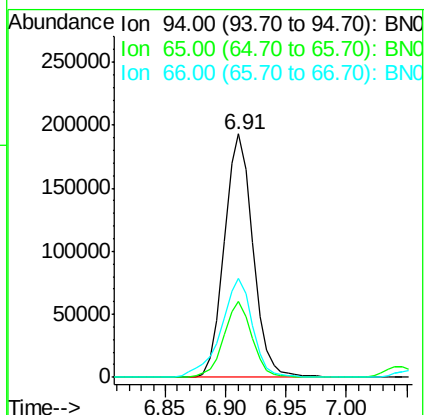
Tot Ion: 94 Resp: 317697

Ion Ratio Lower Upper

94 100

65 31.3 21.0 31.6

66 40.7 29.3 43.9



#10

2-Chlorophenol

Concen: 25.907 ng/ul

RT: 7.28 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN002061.D

Acq: 16 Jul 2018 22:51

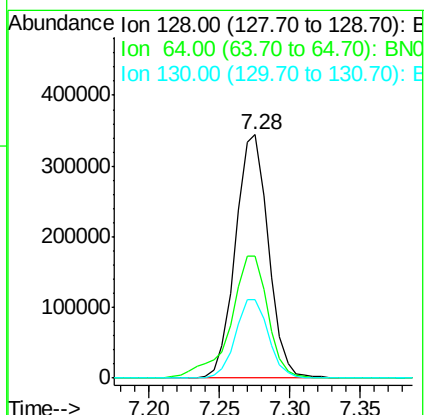
Tgt Ion:128 Resp: 560651

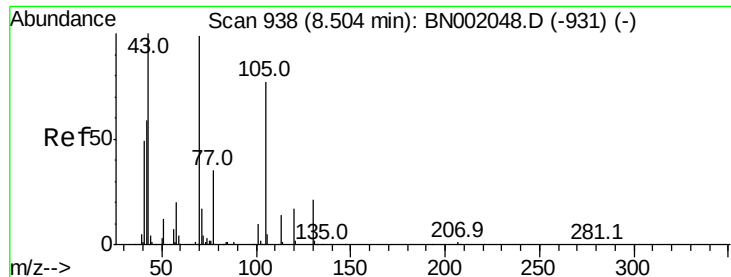
Ion Ratio Lower Upper

128 100

64 50.2 31.9 47.9#

130 32.1 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 32.295 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. 0.00 min

Lab File: BN002061.D

Acq: 16 Jul 2018 22:51

Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 594271

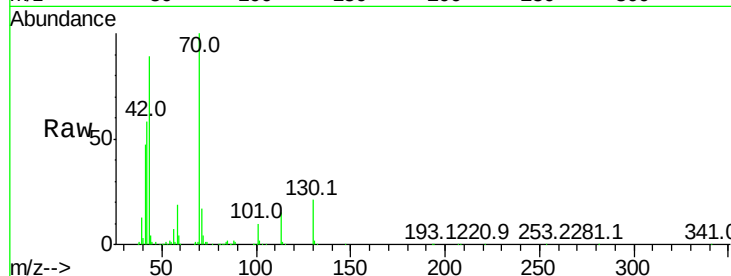
Ion Ratio Lower Upper

70 100

42 57.8 35.4 53.0#

101 10.0 8.4 12.6

130 21.5 18.2 27.4

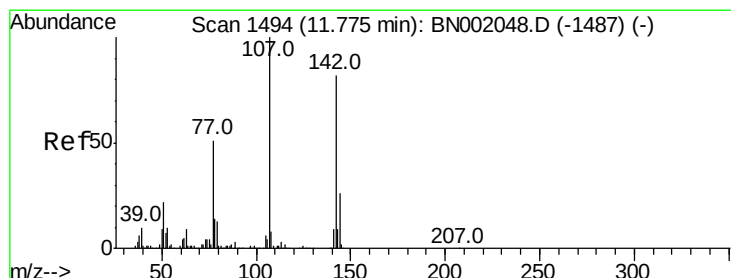
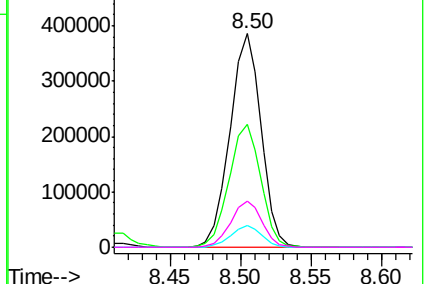
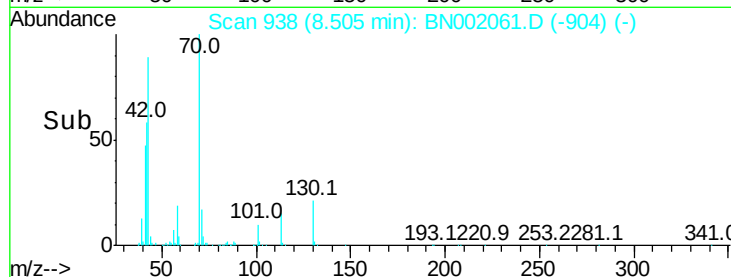


Abundance Ion 70.00 (69.70 to 70.70): BN002048.D (-931) (-)

Ion 42.00 (41.70 to 42.70): BN002048.D (-931) (-)

Ion 101.00 (100.70 to 101.70): BN002048.D (-931) (-)

Ion 130.00 (129.70 to 130.70): BN002048.D (-931) (-)



#33

4-Chloro-3-methylphenol

Concen: 27.959 ng/ul

RT: 11.77 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BN002061.D

Acq: 16 Jul 2018 22:51

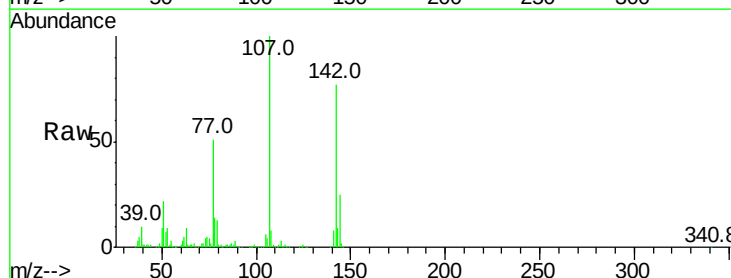
Tgt Ion: 107 Resp: 695101

Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

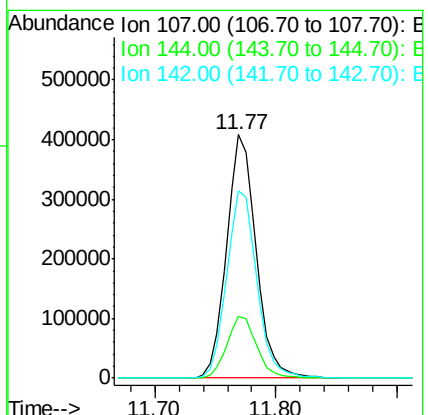
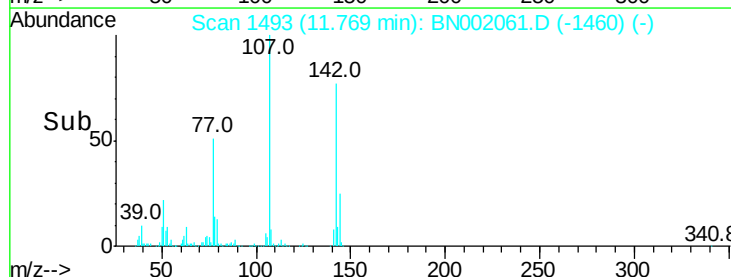
142 77.0 62.5 93.7

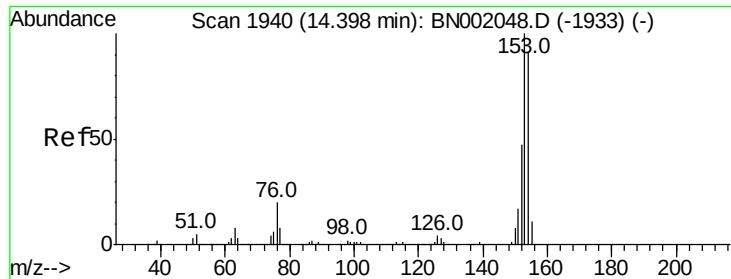


Abundance Ion 107.00 (106.70 to 107.70): BN002048.D (-1487) (-)

Ion 144.00 (143.70 to 144.70): BN002048.D (-1487) (-)

Ion 142.00 (141.70 to 142.70): BN002048.D (-1487) (-)





#49

Acenaphthene

Concen: 29.049 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BN002061.D

Acq: 16 Jul 2018 22:51

Instrument :

BNA_N

ClientSampleId :

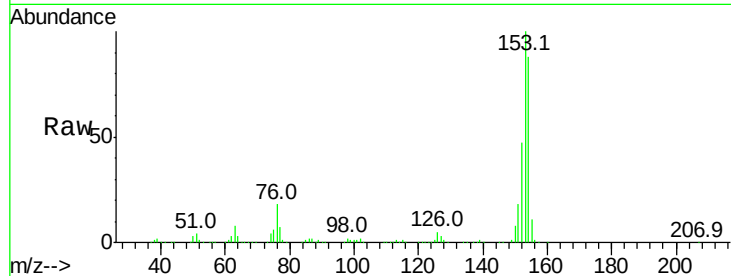
Tot Ion:153 Resp: 1710921

Ion Ratio Lower Upper

153 100

152 47.2 38.3 57.5

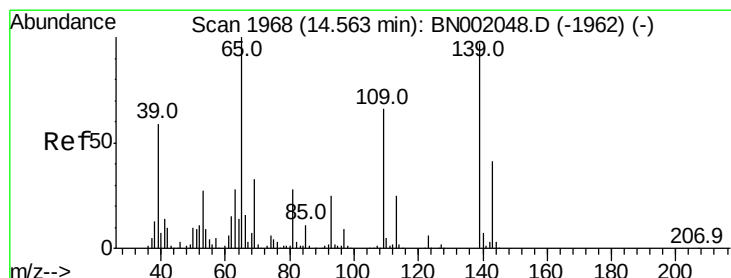
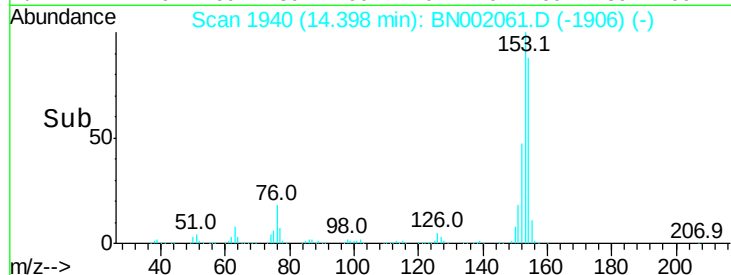
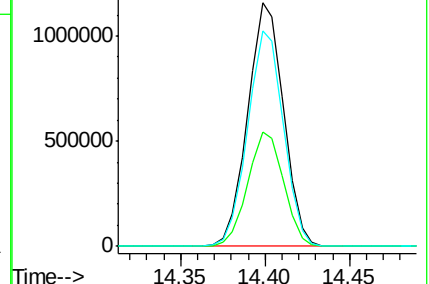
154 88.4 71.8 107.8



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: 12.228 ng/ul

RT: 14.56 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BN002061.D

Acq: 16 Jul 2018 22:51

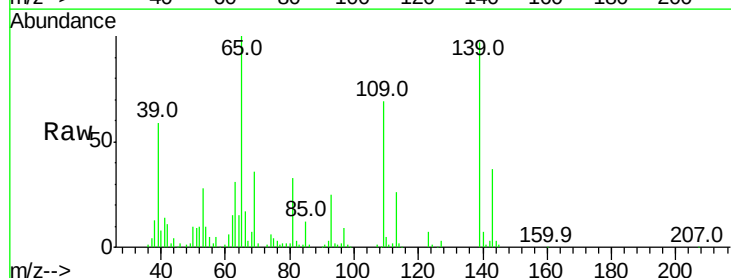
Tgt Ion:109 Resp: 116660

Ion Ratio Lower Upper

109 100

139 139.3 103.7 155.5

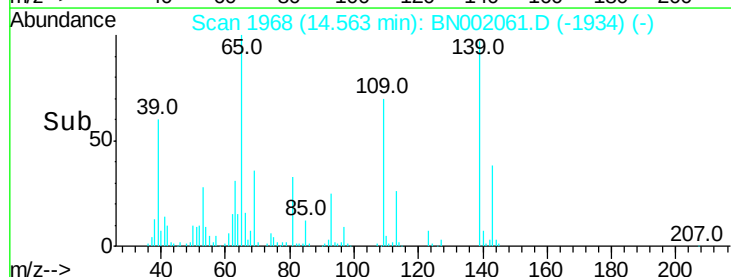
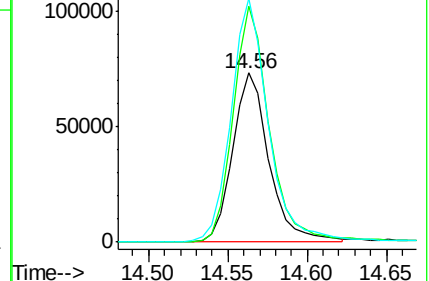
65 143.9 89.4 134.2#

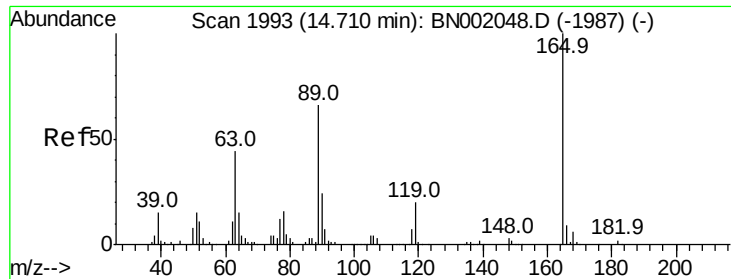


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC

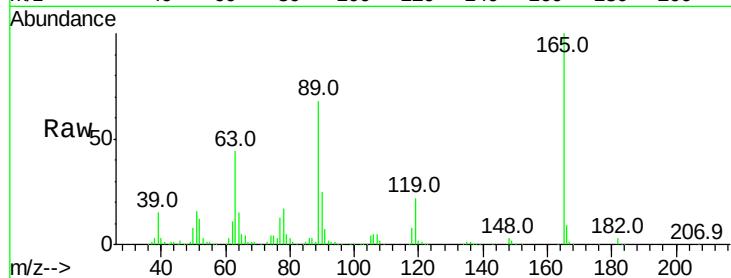




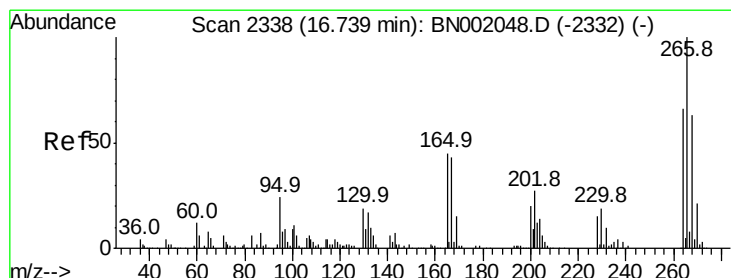
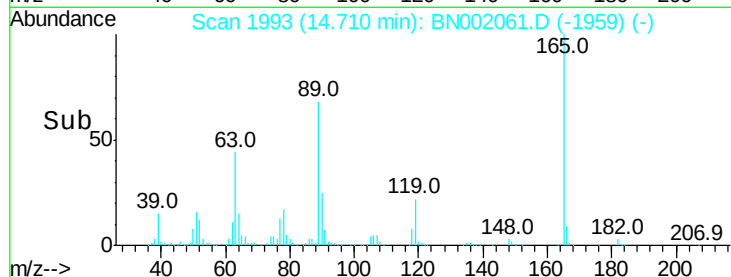
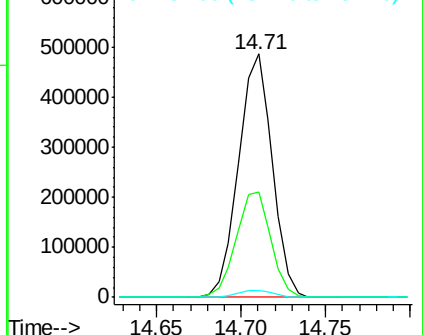
#54
 2,4-Dinitrotoluene
 Concen: 31.578 ng/ul
 RT: 14.71 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BN002061.D
 Acq: 16 Jul 2018 22:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 677486
 Ion Ratio Lower Upper
 165 100
 63 43.5 29.8 44.6
 182 3.1 2.2 3.4

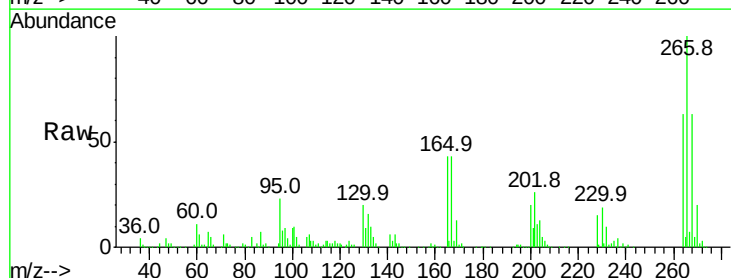


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

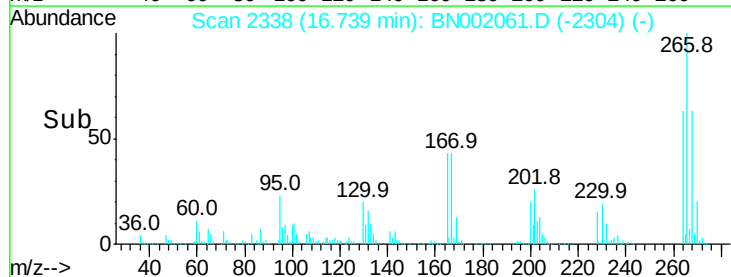
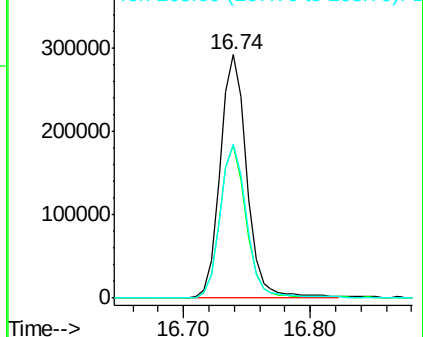


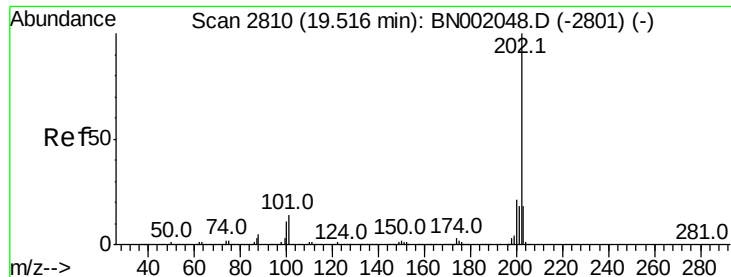
#68
 Pentachlorophenol
 Concen: 31.618 ng/ul
 RT: 16.74 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: BN002061.D
 Acq: 16 Jul 2018 22:51

Tgt Ion:266 Resp: 428280
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.5 75.7
 268 63.5 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
 Pvrene
 Concen: 31.175 ng/ul
 RT: 19.52 min Scan# 2810
 Delta R.T. 0.00 min
 Lab File: BN002061.D
 Acq: 16 Jul 2018 22:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 4182183

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.2	15.2
100	10.1	8.5	12.7

