

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000621.D
 Acq On : 26 Mar 2018 15:54
 Operator : JU/SJ
 Sample : J1986-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 27 02:21:31 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 27 02:19:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	97431	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	426010	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	239261	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	520416	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	593203	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	706283	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	9543	3.50	ng/uL	0.00
5) Phenol-d5	7.55	99	190060	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	117265	22.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	149968	21.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	147614	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	78438	22.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	83282	23.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	143037	22.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	29391	4.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	464962	24.60	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	562265	22.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	62905	17.92	ng/ul	0.00
57) Fluorene-d10	16.01	176	398482	24.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	46001	15.43	ng/ul	0.00
70) Anthracene-d10	17.86	188	592621	23.69	ng/ul	0.00
76) Pyrene-d10	20.11	212	685094	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	668054	20.04	ng/ul	0.00

Target Compounds

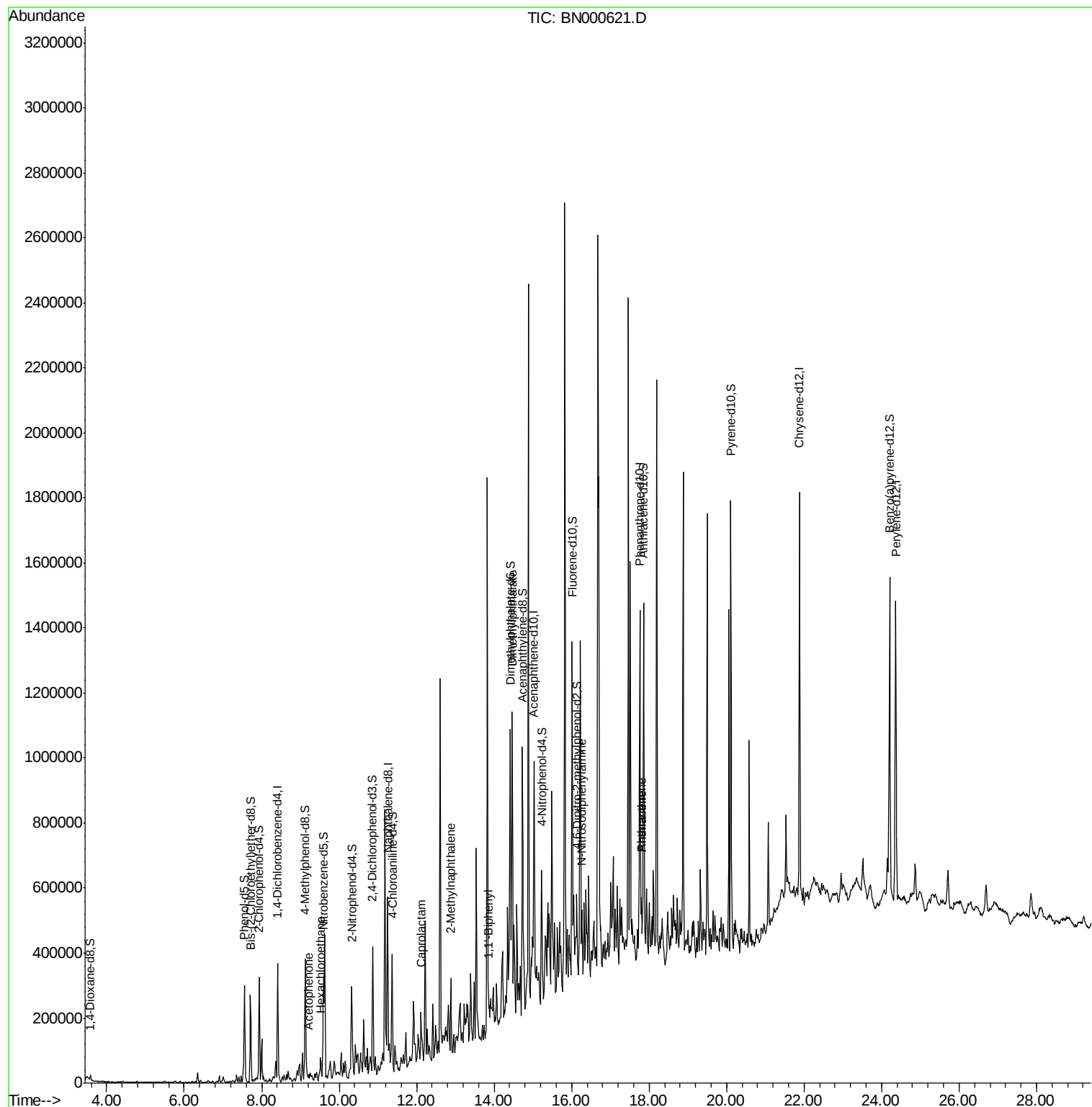
					Ovalue
14) Acetophenone	9.22	105	13905	1.321 ng/ul#	35
17) Hexachloroethane	9.53	117	3477	1.188 ng/ul#	1
32) Caprolactam	12.11	113	3124	1.370 ng/ul#	1
34) 2-Methylnaphthalene	12.88	142	101346	6.785 ng/ul	100
40) 1,1'-Biphenyl	13.87	154	21623	1.062 ng/ul#	94
44) Dimethylphthalate	14.47	163	92405	4.942 ng/ul	99
64) N-Nitrosodiphenylamine	16.27	169	19996	1.166 ng/ul#	37
69) Phenanthrene	17.80	178	58132	1.939 ng/ul#	94
71) Anthracene	17.80	178	58132	1.891 ng/ul	96

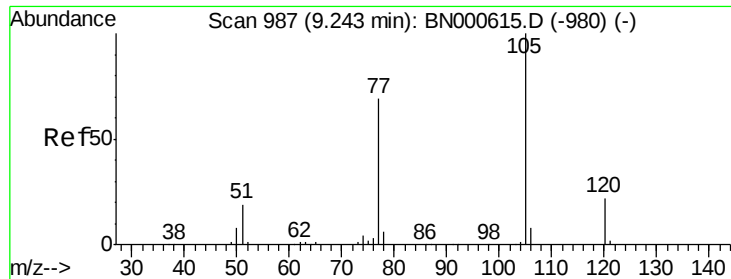
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.321 ng/ul

RT: 9.22 min Scan# 983

Delta R.T. -0.02 min

Lab File: BN000621.D

Acq: 26 Mar 2018 15:54

Instrument :

BNA_N

ClientSampleId :

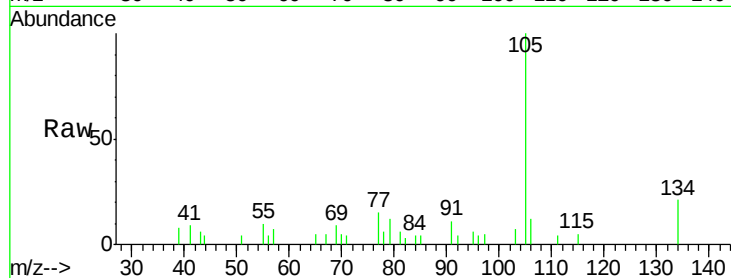
Tot Ion:105 Resp: 13905

Ion Ratio Lower Upper

105 100

77 15.2 63.2 94.8#

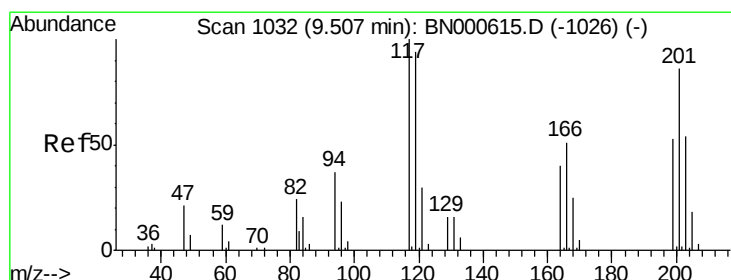
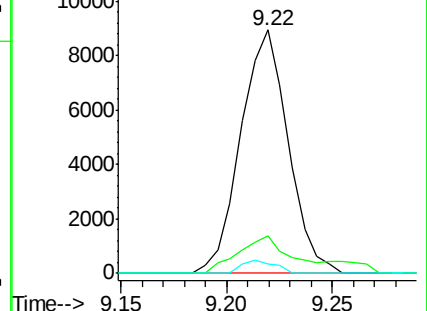
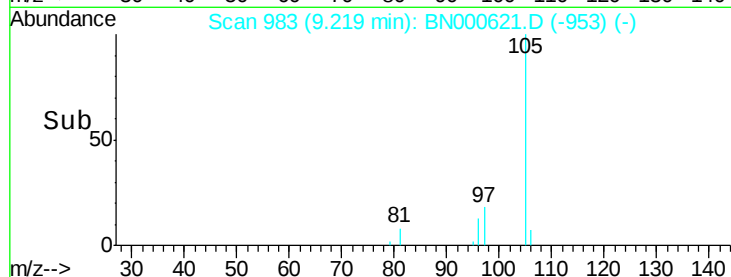
51 4.1 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#17

Hexachloroethane

Concen: 1.188 ng/ul

RT: 9.53 min Scan# 1036

Delta R.T. 0.02 min

Lab File: BN000621.D

Acq: 26 Mar 2018 15:54

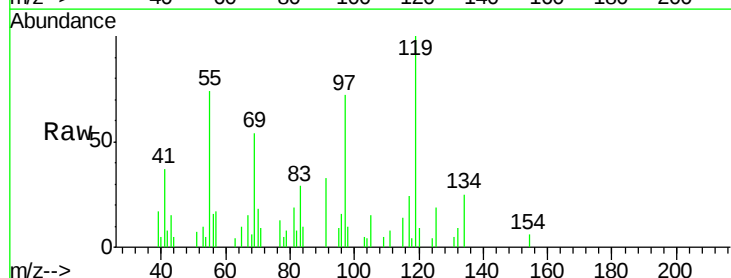
Tgt Ion:117 Resp: 3477

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

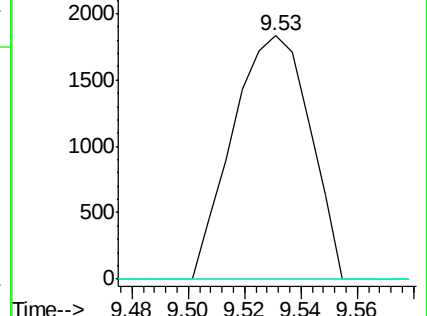
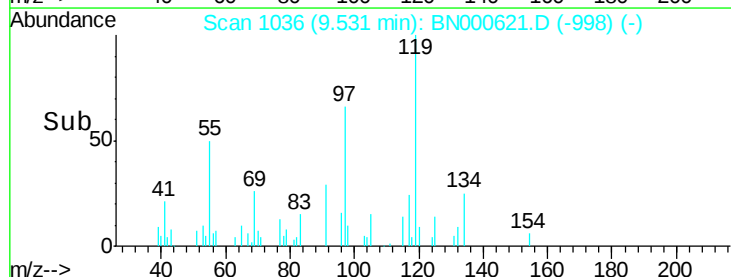
199 0.0 59.7 89.5#

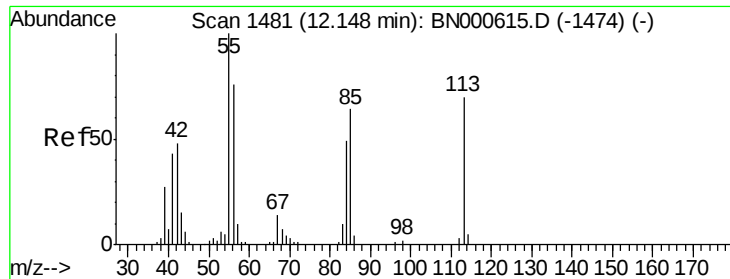


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#32

Caprolactam

Concen: 1.370 ng/ul

RT: 12.11 min Scan# 1475

Delta R.T. -0.04 min

Lab File: BN000621.D

Acq: 26 Mar 2018 15:54

Instrument :

BNA_N

ClientSampled :

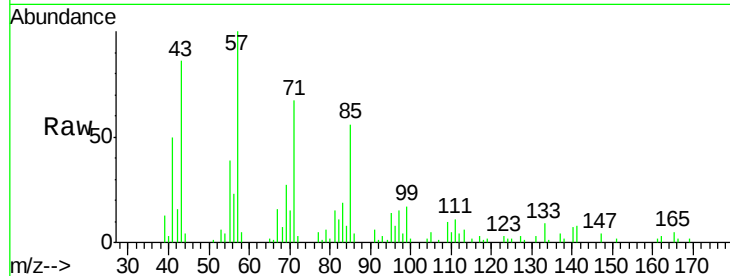
Tot Ion:113 Resp: 3124

Ion Ratio Lower Upper

113 100

55 613.9 131.7 197.5#

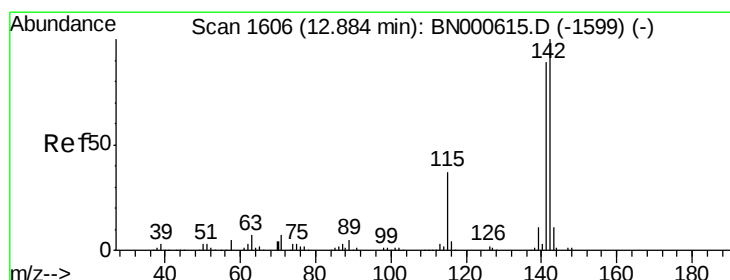
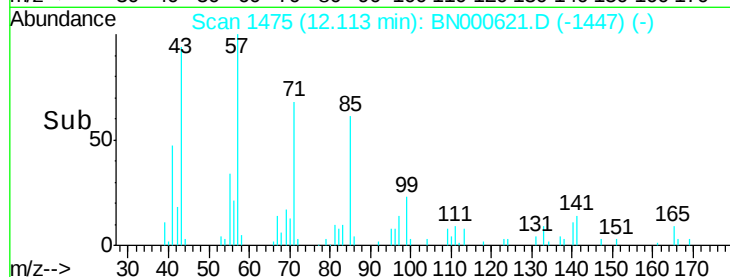
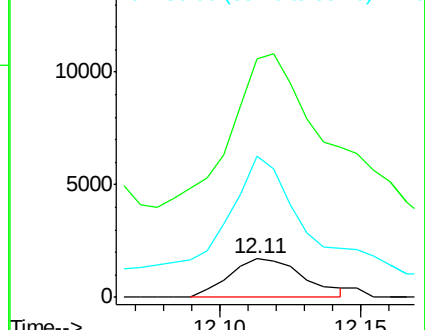
56 363.3 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#34

2-Methylnaphthalene

Concen: 6.785 ng/ul

RT: 12.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BN000621.D

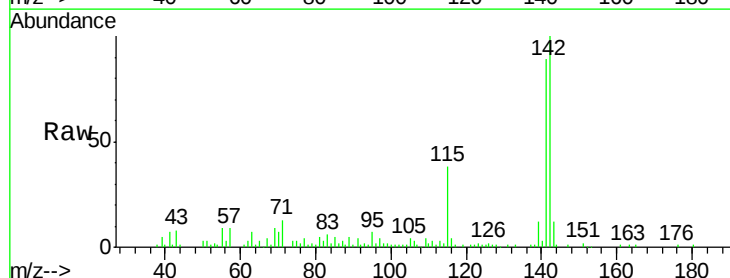
Acq: 26 Mar 2018 15:54

Tgt Ion:142 Resp: 101346

Ion Ratio Lower Upper

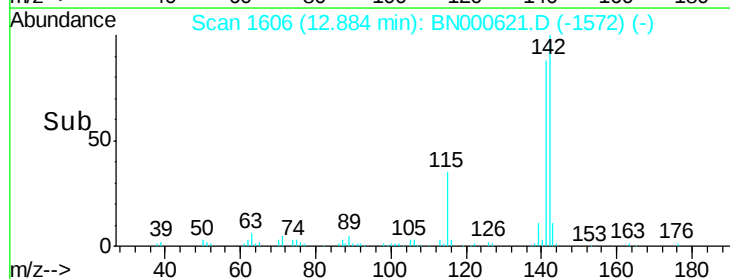
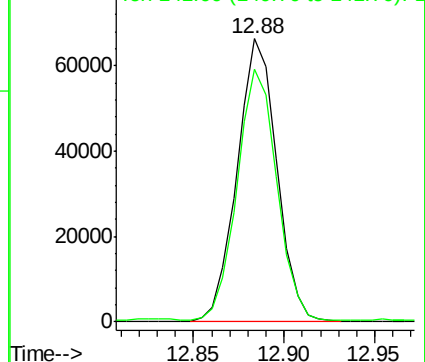
142 100

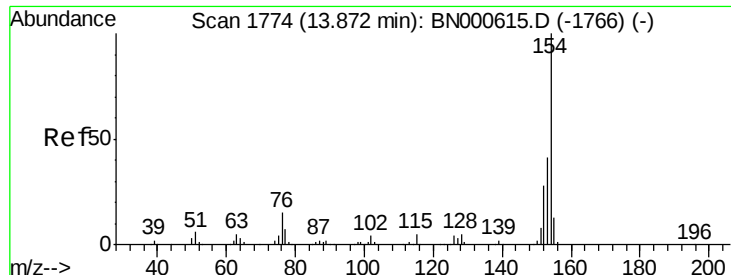
141 89.3 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

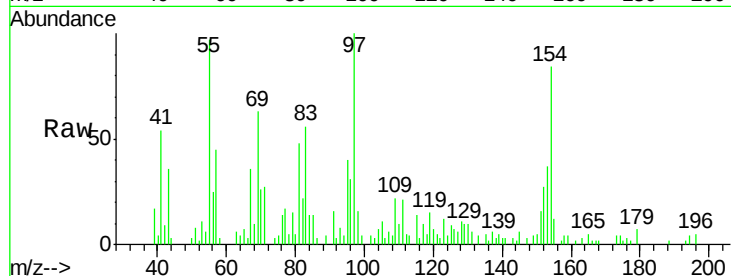




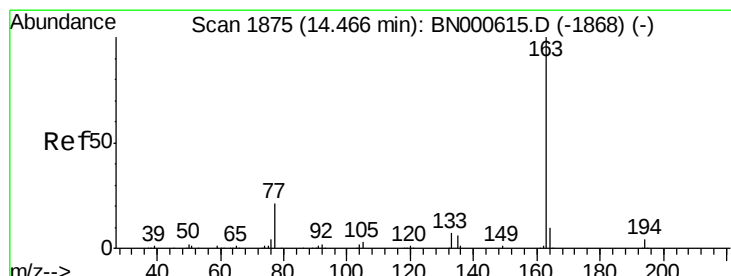
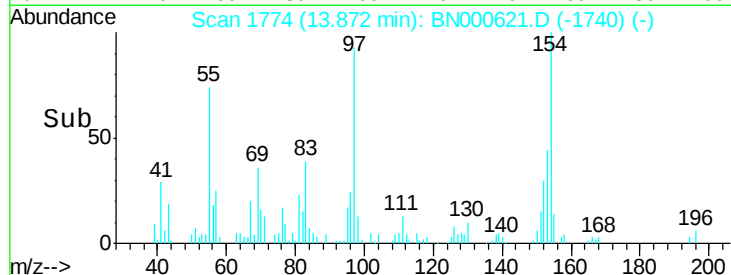
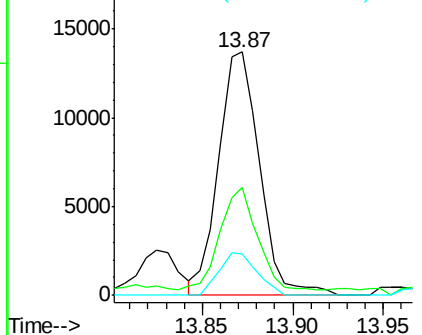
#40
 1,1'-Biphenyl
 Concen: 1.062 ng/ul
 RT: 13.87 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BN000621.D
 Acq: 26 Mar 2018 15:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:154 Resp: 21623
 Ion Ratio Lower Upper
 154 100
 153 44.1 34.0 51.0
 76 17.1 8.4 12.6#

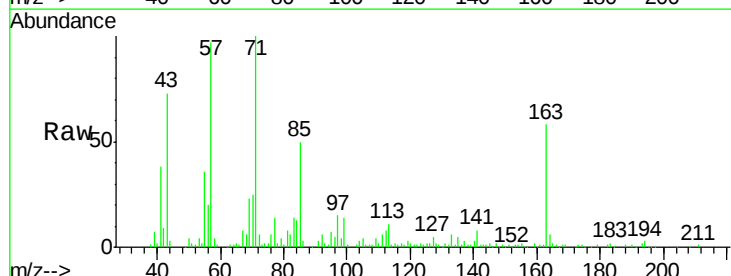


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

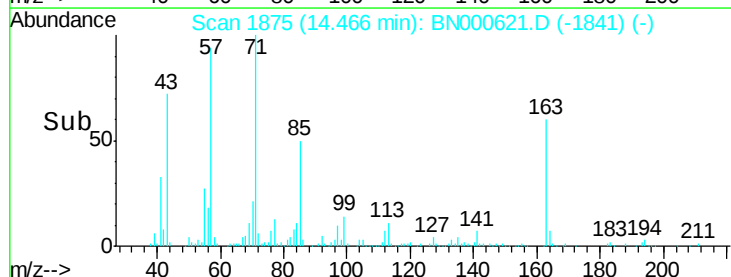
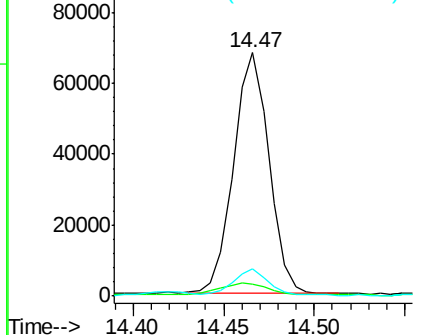


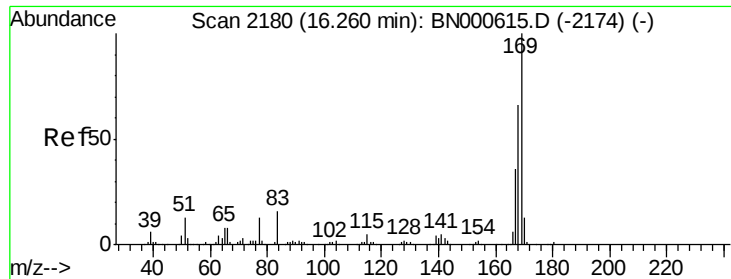
#44
 Dimethylphthalate
 Concen: 4.942 ng/ul
 RT: 14.47 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: BN000621.D
 Acq: 26 Mar 2018 15:54

Tgt Ion:163 Resp: 92405
 Ion Ratio Lower Upper
 163 100
 194 5.1 4.0 6.0
 164 11.2 8.4 12.6



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





#64

N-Nitrosodiphenylamine

Concen: 1.166 ng/ul

RT: 16.27 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BN000621.D

Acq: 26 Mar 2018 15:54

Instrument :

BNA_N

ClientSampleId :

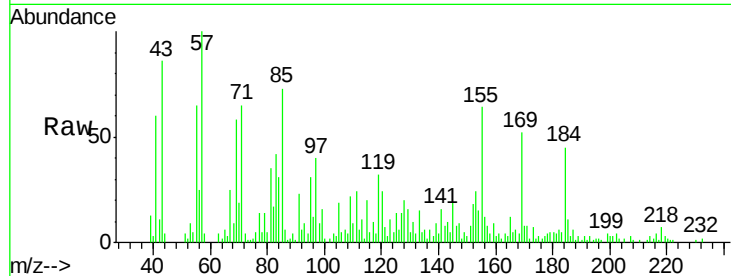
Tot Ion:169 Resp: 19996

Ion Ratio Lower Upper

169 100

168 7.0 53.8 80.8#

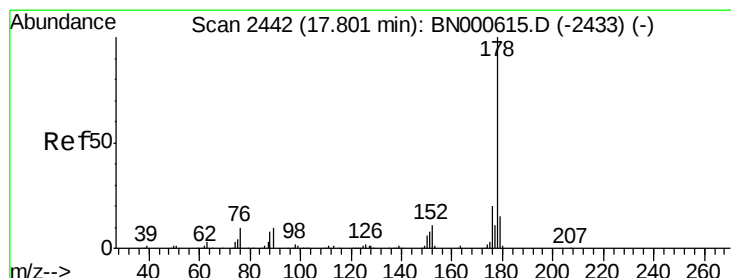
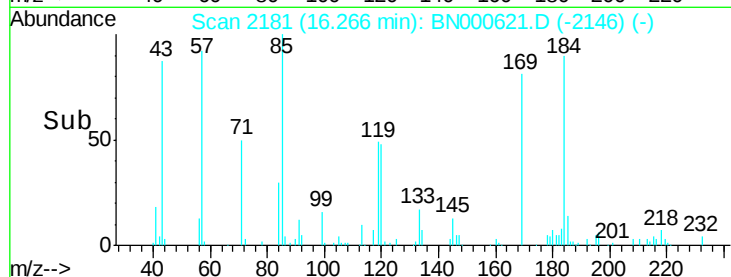
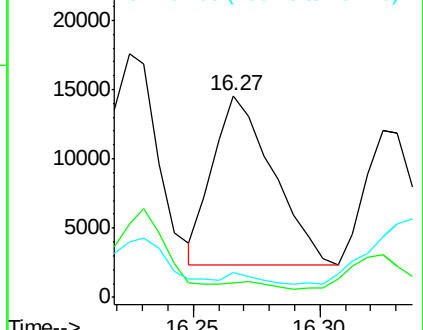
167 12.0 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 1.939 ng/ul

RT: 17.80 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BN000621.D

Acq: 26 Mar 2018 15:54

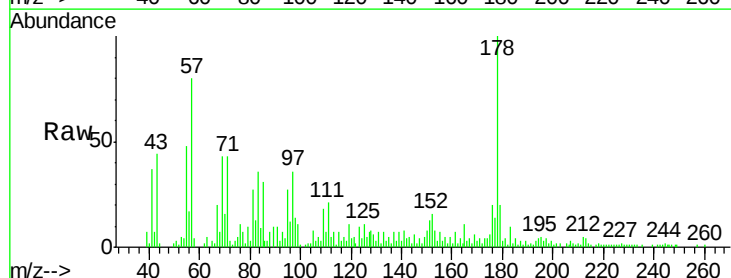
Tgt Ion:178 Resp: 58132

Ion Ratio Lower Upper

178 100

179 19.5 12.3 18.5#

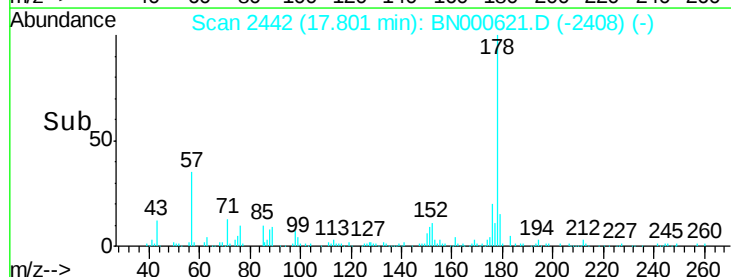
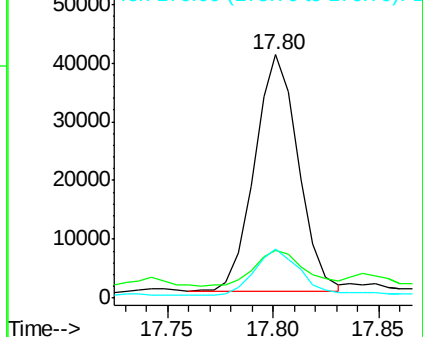
176 20.1 15.4 23.0

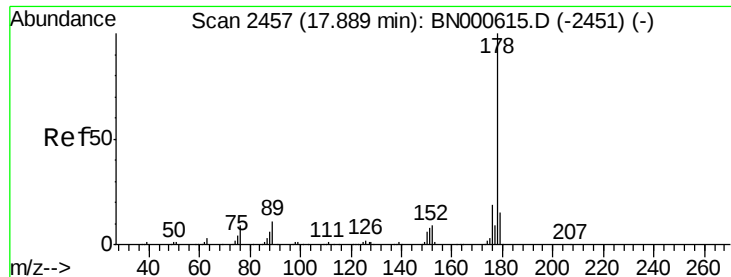


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

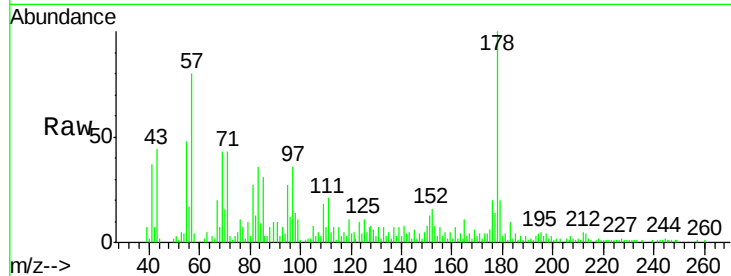




#71
 Anthracene
 Concen: 1.891 ng/ul
 RT: 17.80 min Scan# 2442
 Delta R.T. -0.09 min
 Lab File: BN000621.D
 Acq: 26 Mar 2018 15:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:178 Resp: 58132
 Ion Ratio Lower Upper
 178 100
 179 19.5 13.4 20.2
 176 20.1 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

