

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111318\
 Data File : BN003515.D
 Acq On : 13 Nov 2018 17:11
 Operator : MJ/SJ
 Sample : J5925-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-1D

Quant Time: Nov 14 01:35:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

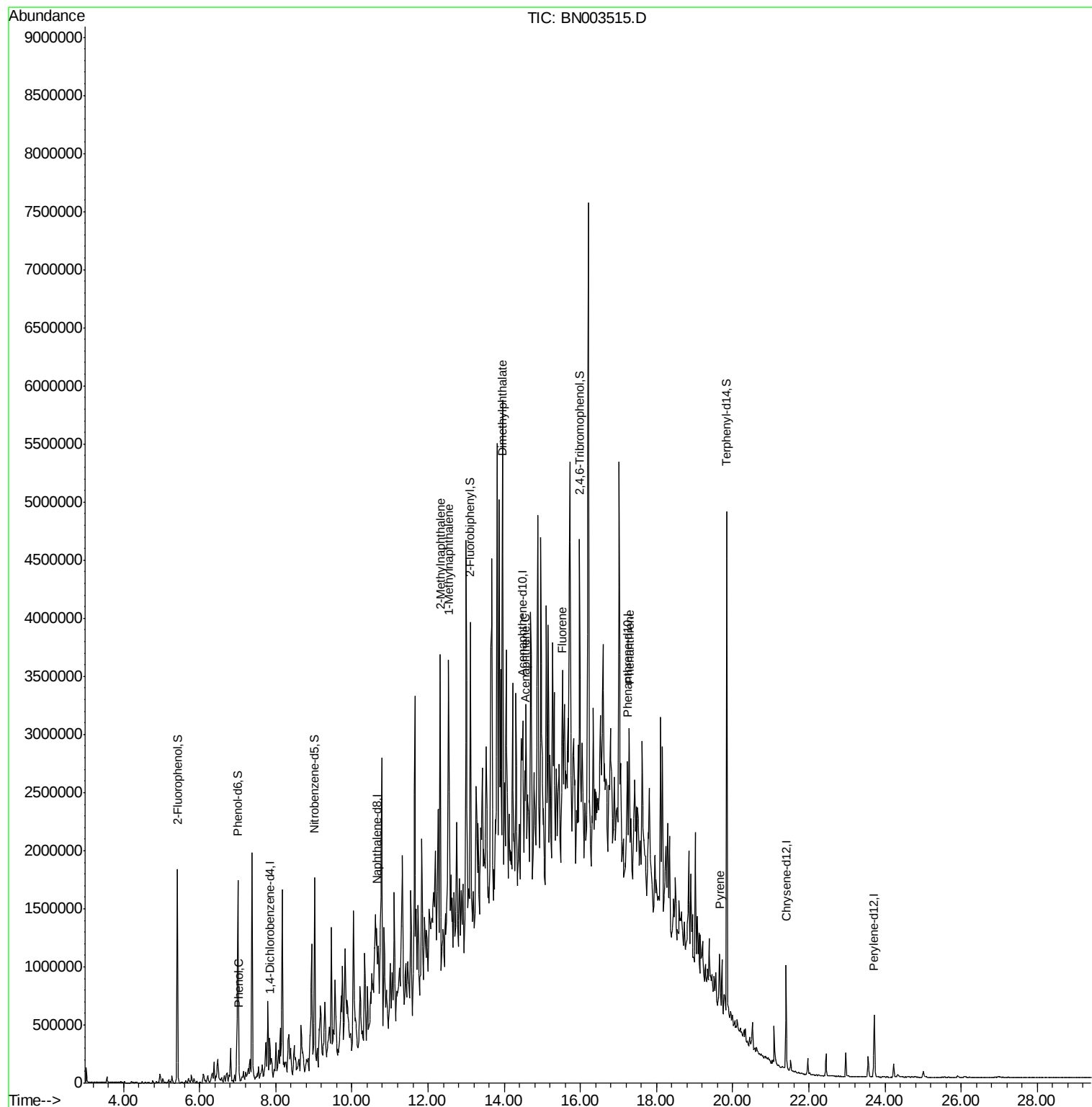
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	95462	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	372528	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	212058	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	438349	20.00	ng	0.00
76) Chrysene-d12	21.40	240	405706	20.00	ng	0.00
87) Perylene-d12	23.72	264	399214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	818408	154.62	ng	0.00
7) Phenol-d6	7.01	99	1086795	148.05	ng	0.00
23) Nitrobenzene-d5	9.02	82	632385	106.86	ng	0.00
42) 2,4,6-Tribromophenol	15.99	330	518680	164.07	ng	0.01
45) 2-Fluorobiphenyl	13.11	172	1517667	95.53	ng	0.00
79) Terphenyl-d14	19.84	244	2143887	104.03	ng	0.00
Target Compounds						
10) Phenol	7.03	94	44408	5.607	ng	97
37) 2-Methylnaphthalene	12.32	142	1506381	116.315	ng	99
38) 1-Methylnaphthalene	12.53	142	1213634	96.749	ng	100
50) Dimethylphthalate	13.94	163	239394	14.410	ng	# 96
52) Acenaphthene	14.56	154	107942	8.538	ng	# 83
58) Fluorene	15.54	166	297196	19.311	ng	# 93
71) Phenanthrene	17.28	178	747035	32.622	ng	96
78) Pyrene	19.65	202	97527	3.561	ng	# 77

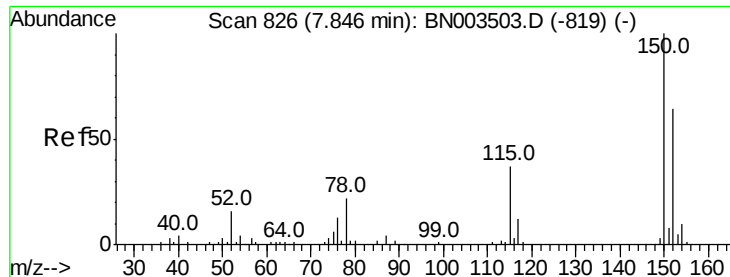
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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Quant Time: Nov 14 01:35:02 2018
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QLast Update : Mon Nov 12 15:59:25 2018
Response via : Initial Calibration

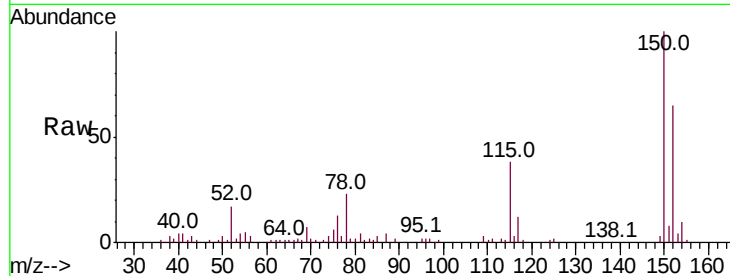




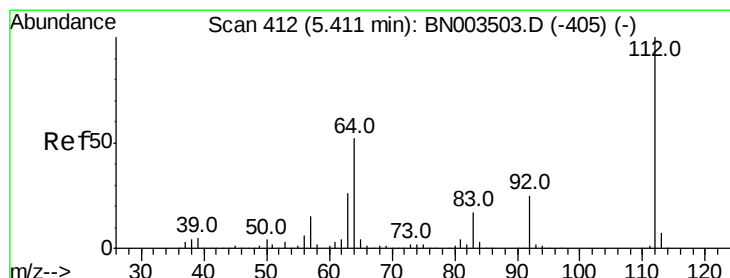
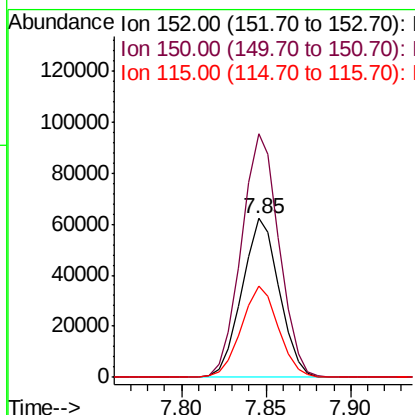
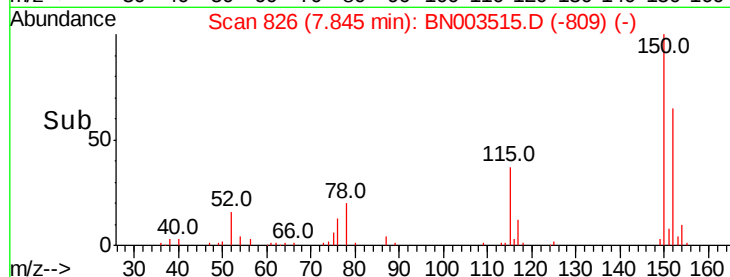
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BN003515.D
 Acq: 13 Nov 2018 17:11

Instrument :
 BNA_N
 ClientSampleId :
 TP-1D

Tot Ion:152 Resp: 95462
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.4 188.0
 115 58.0 45.9 68.9

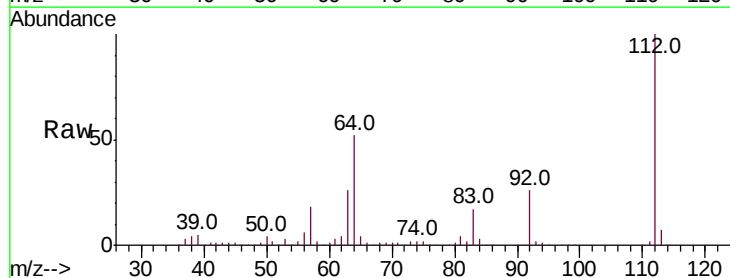


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

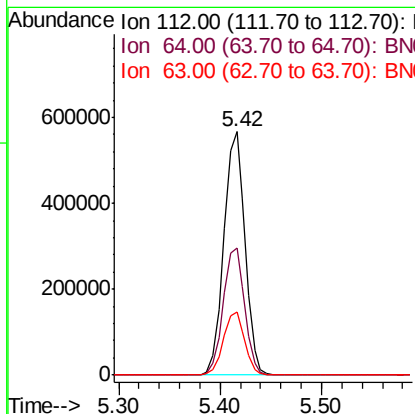
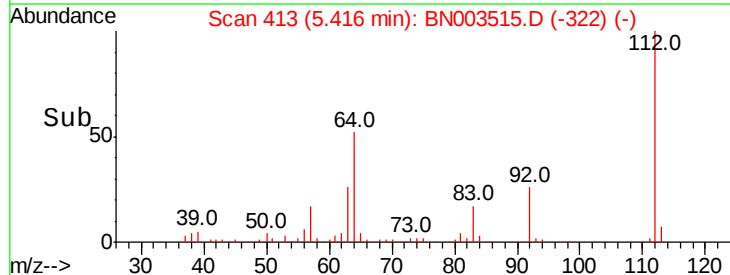


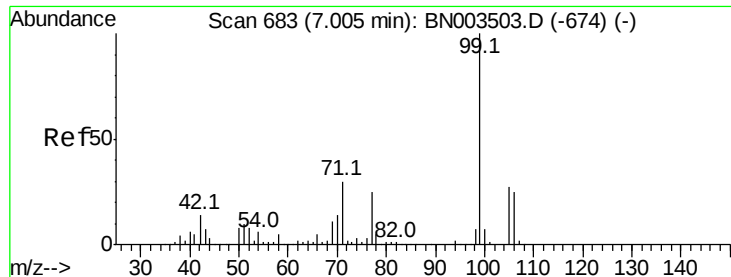
#5
 2-Fluorophenol
 Concen: 154.623 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003515.D
 Acq: 13 Nov 2018 17:11

Tgt Ion:112 Resp: 818408
 Ion Ratio Lower Upper
 112 100
 64 52.2 41.4 62.2
 63 25.9 20.5 30.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 148.053 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.01 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

TP-1D

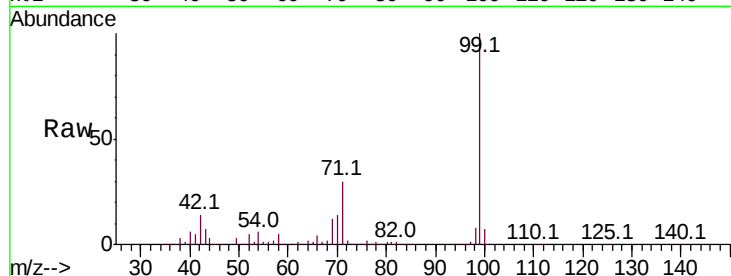
Tot Ion: 99 Resp: 1086795

Ion Ratio Lower Upper

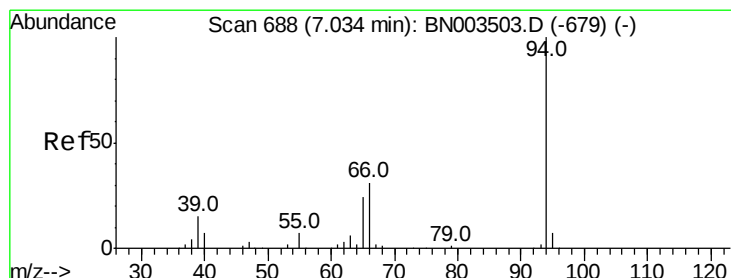
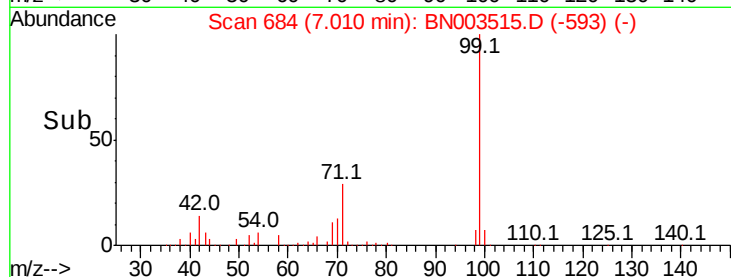
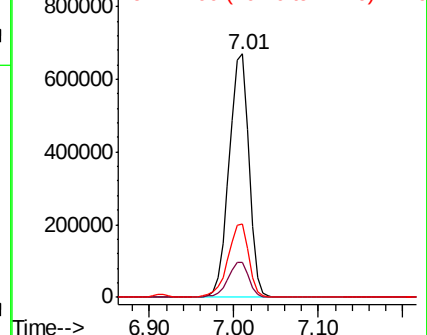
99 100

42 14.2 11.6 17.4

71 30.1 24.2 36.2



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#10

Phenol

Concen: 5.607 ng

RT: 7.03 min Scan# 688

Delta R.T. -0.00 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

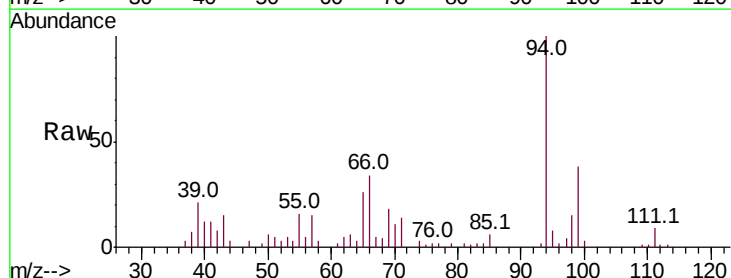
Tgt Ion: 94 Resp: 44408

Ion Ratio Lower Upper

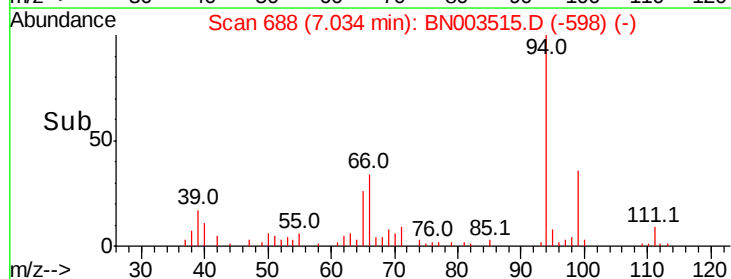
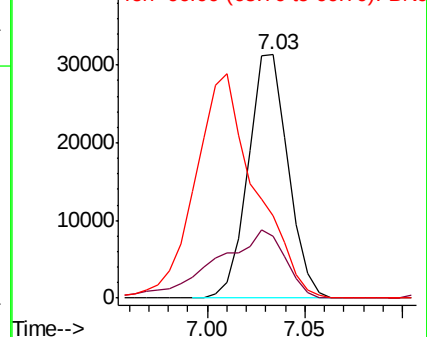
94 100

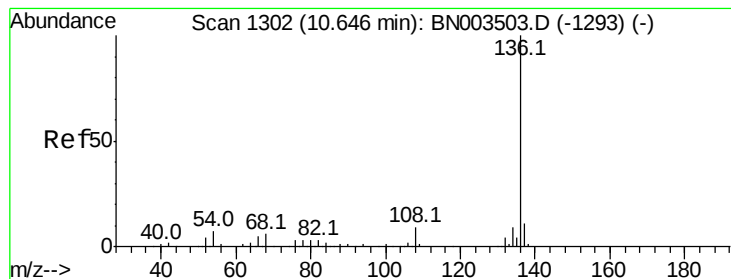
65 25.6 4.5 44.5

66 33.7 12.0 52.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

TP-1D

Tot Ion:136 Resp: 372528

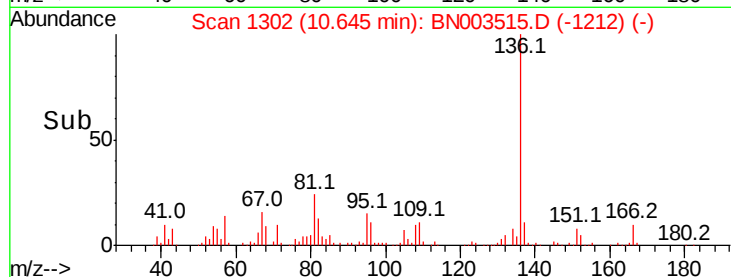
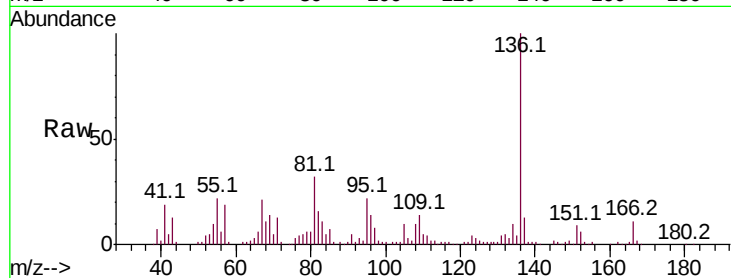
Ion Ratio Lower Upper

136 100

137 12.8 8.7 13.1

54 10.4 5.7 8.5#

68 11.1 4.7 7.1#

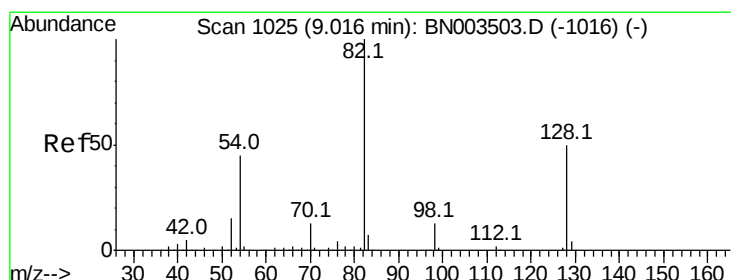
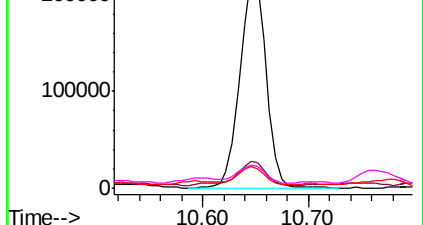


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#23

Nitrobenzene-d5

Concen: 106.855 ng

RT: 9.02 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

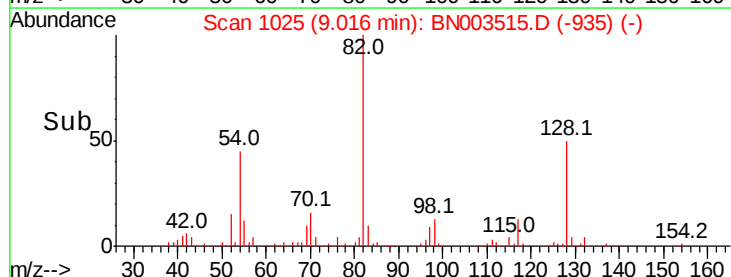
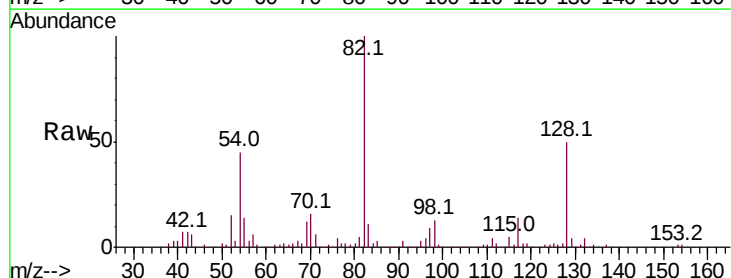
Tgt Ion: 82 Resp: 632385

Ion Ratio Lower Upper

82 100

128 50.1 40.0 60.0

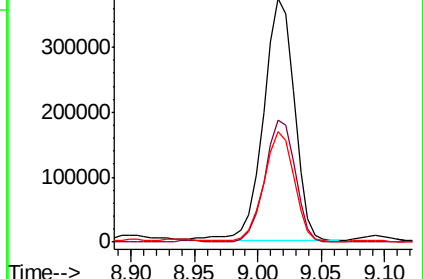
54 45.3 36.1 54.1

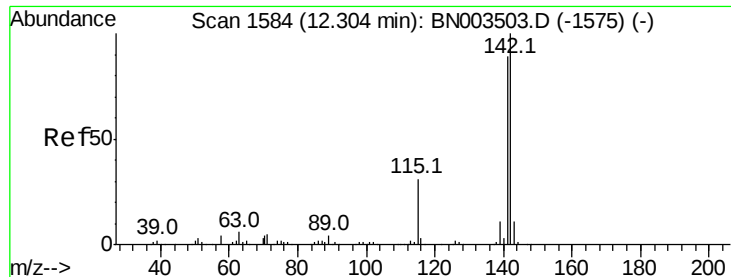


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

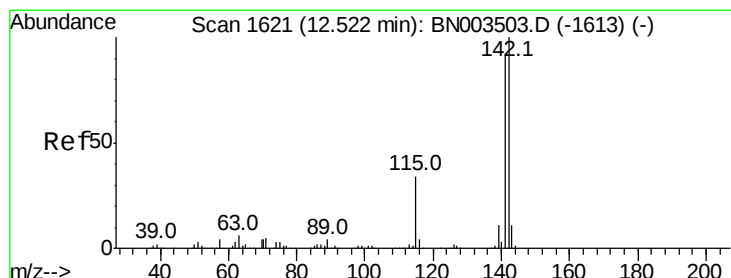
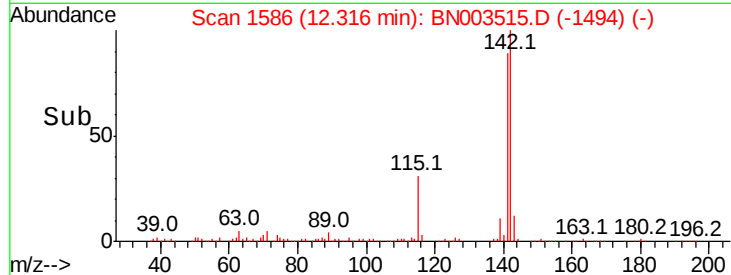
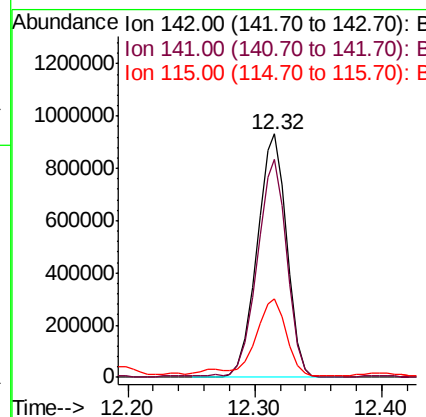
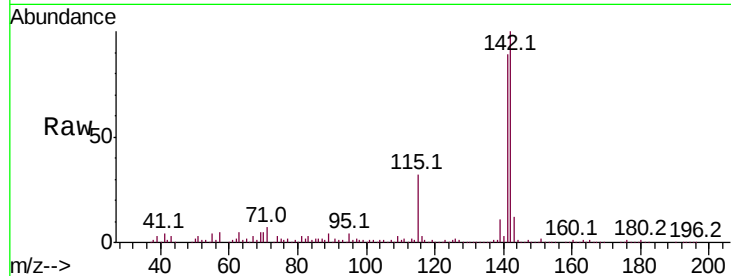




#37
2-Methylnaphthalene
Concen: 116.315 ng
RT: 12.32 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

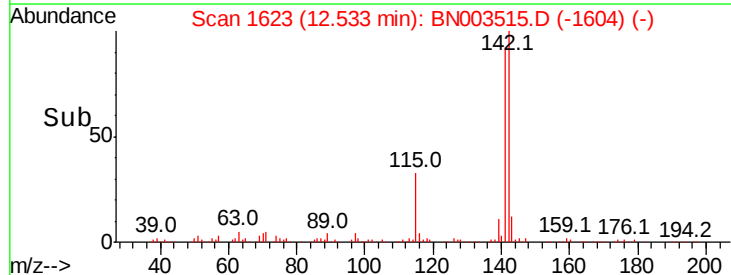
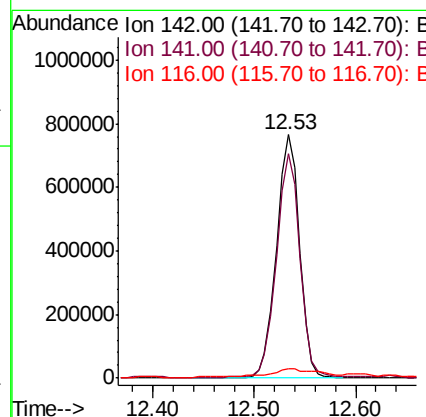
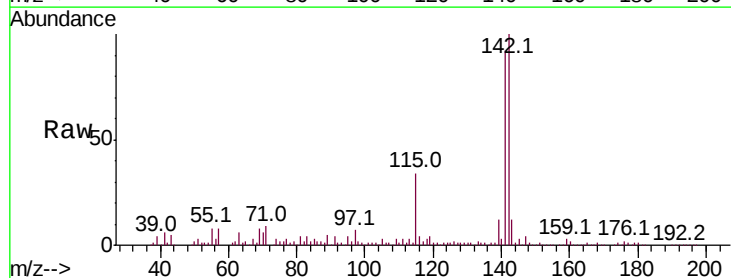
Instrument :
BNA_N
ClientSampleId :
TP-1D

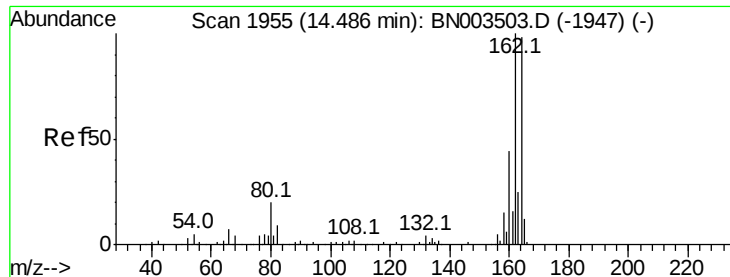
Tot Ion:142 Resp: 1506381
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 32.2 25.1 37.7



#38
1-Methylnaphthalene
Concen: 96.749 ng
RT: 12.53 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion:142 Resp: 1213634
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 4.0 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

TP-1D

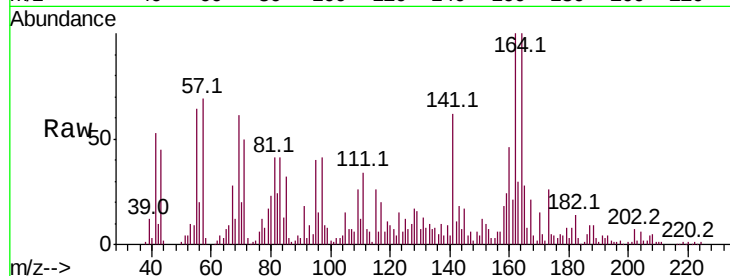
Tot Ion:164 Resp: 212058

Ion Ratio Lower Upper

164 100

162 100.1 81.8 122.6

160 45.9 36.2 54.2

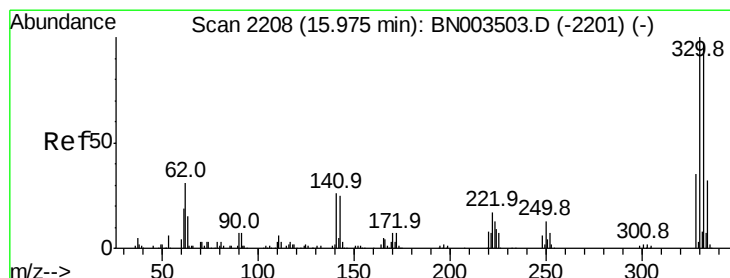
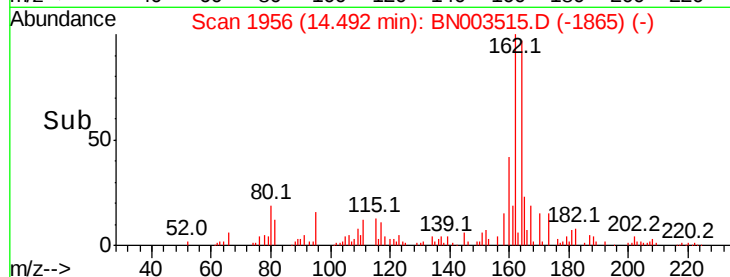
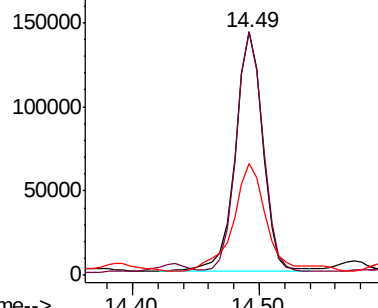


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 164.074 ng

RT: 15.99 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

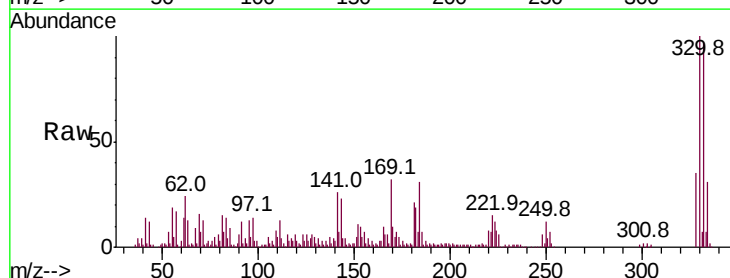
Tgt Ion:330 Resp: 518680

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 22.2 21.6 32.4

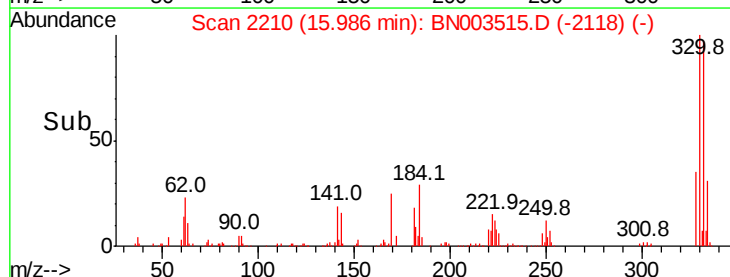
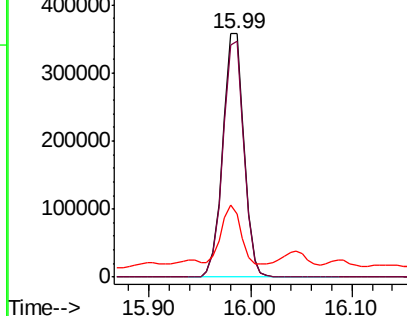


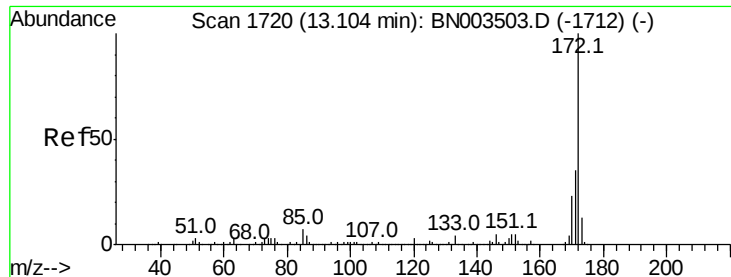
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



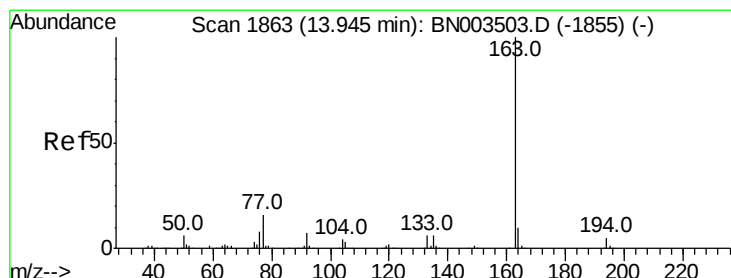
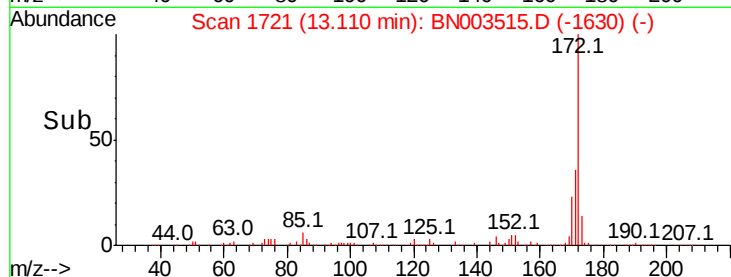
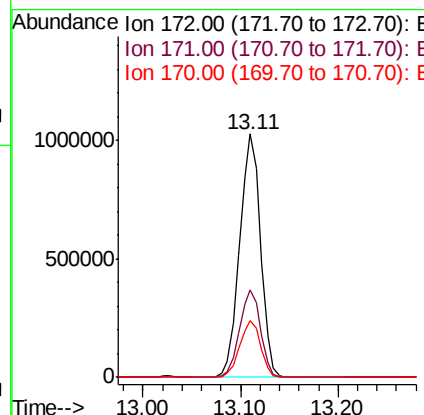
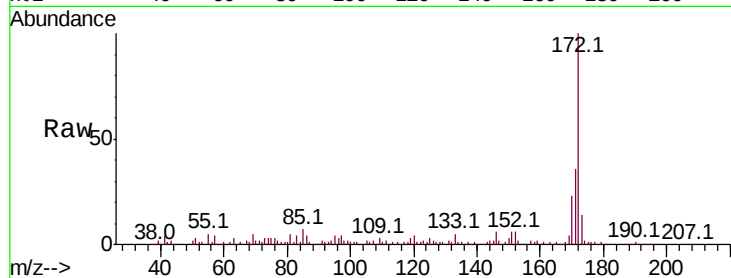


#45
 2-Fluorobiphenyl
 Concen: 95.526 ng
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BN003515.D
 Acq: 13 Nov 2018 17:11

Instrument :
 BNA_N
 ClientSampled :
 TP-1D

Tot Ion:172 Resp: 1517667

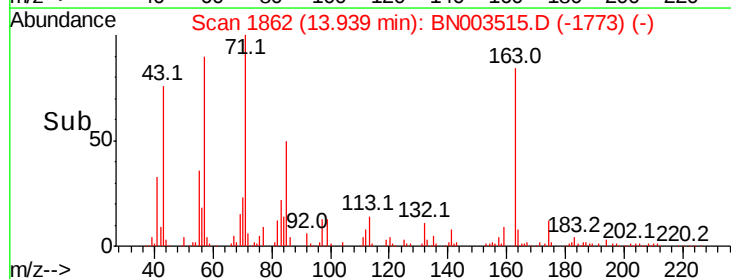
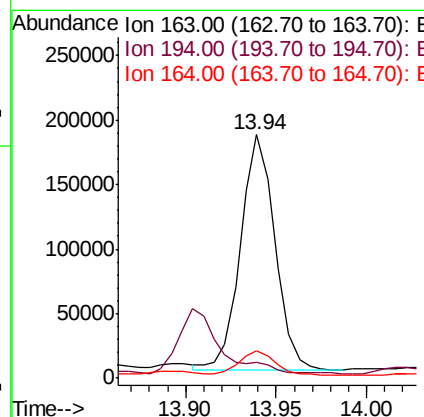
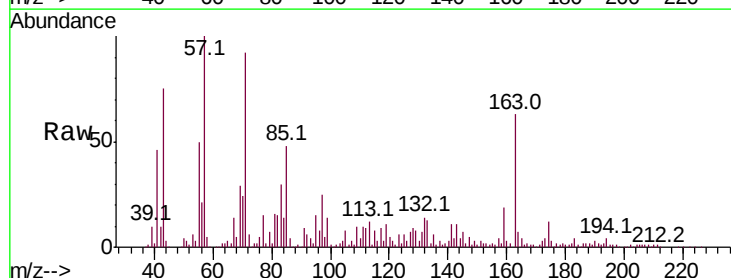
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.3	42.5
170	23.3	18.7	28.1

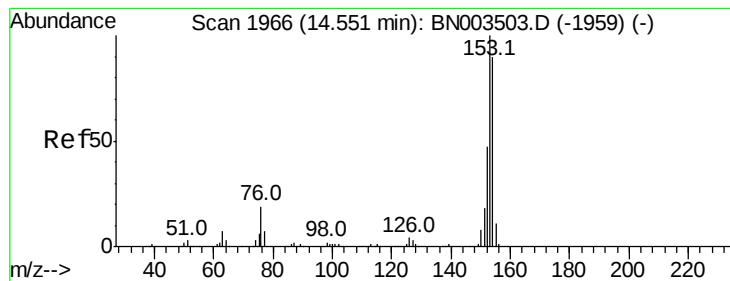


#50
 Dimethylphthalate
 Concen: 14.410 ng
 RT: 13.94 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BN003515.D
 Acq: 13 Nov 2018 17:11

Tgt Ion:163 Resp: 239394

Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.6	5.4#
164	11.1	7.9	11.9





#52

Acenaphthene

Concen: 8.538 ng

RT: 14.56 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

TP-1D

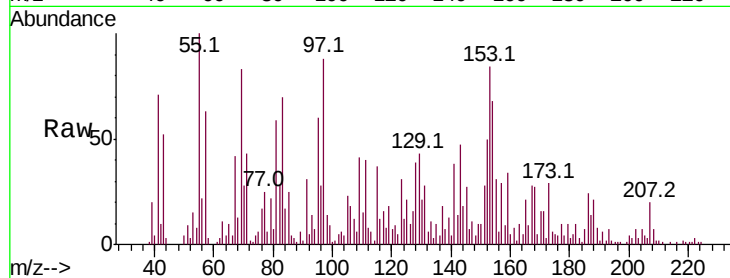
Tot Ion:154 Resp: 107942

Ion Ratio Lower Upper

154 100

153 123.0 88.9 133.3

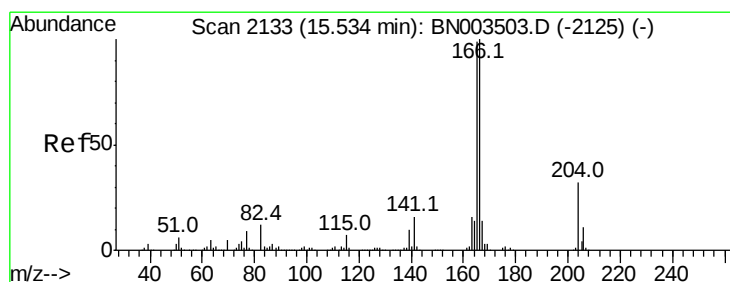
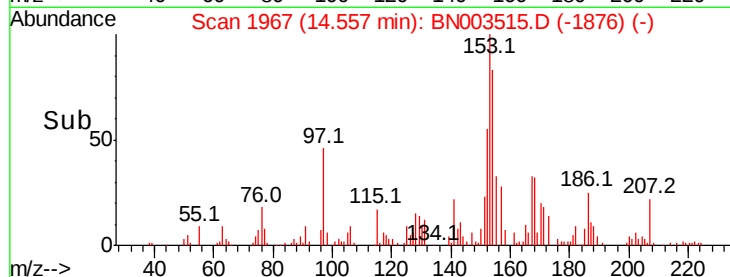
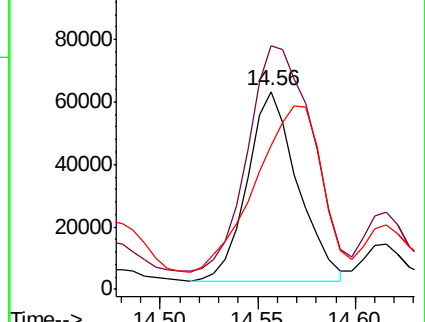
152 72.9 42.1 63.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 19.311 ng

RT: 15.54 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

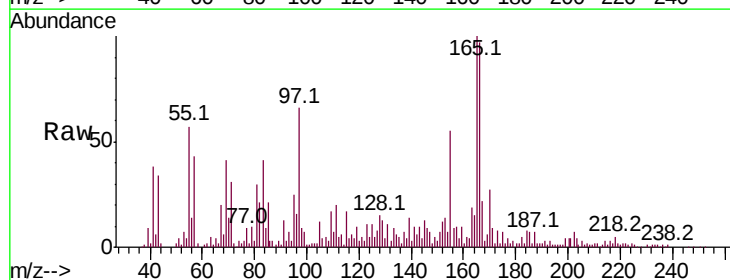
Tgt Ion:166 Resp: 297196

Ion Ratio Lower Upper

166 100

165 103.1 78.8 118.2

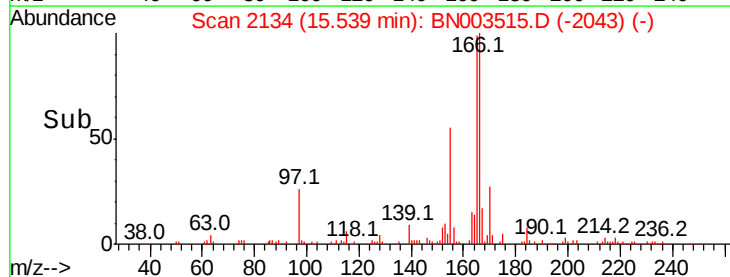
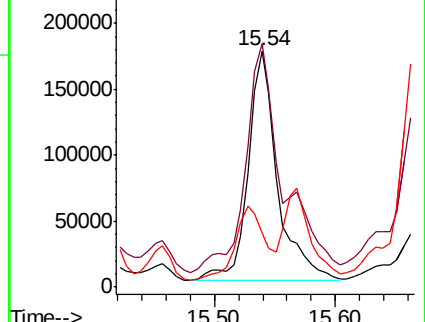
167 23.1 11.0 16.4#

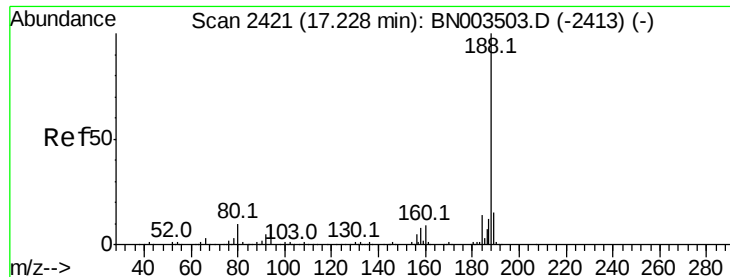


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.23 min Scan# 2422

Delta R.T. 0.01 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

TP-1D

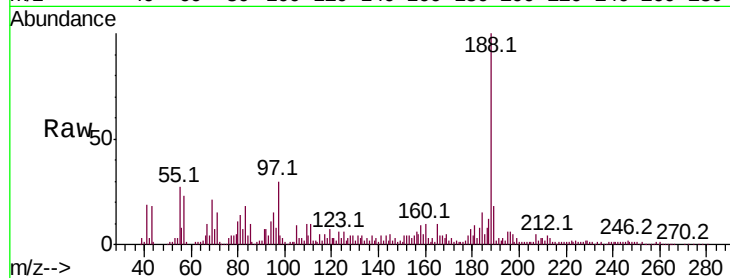
Tot Ion:188 Resp: 438349

Ion Ratio Lower Upper

188 100

94 10.5 7.6 11.4

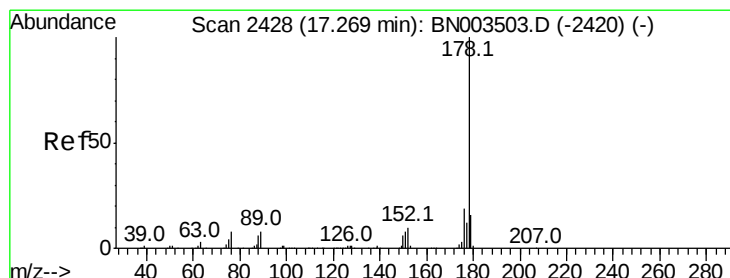
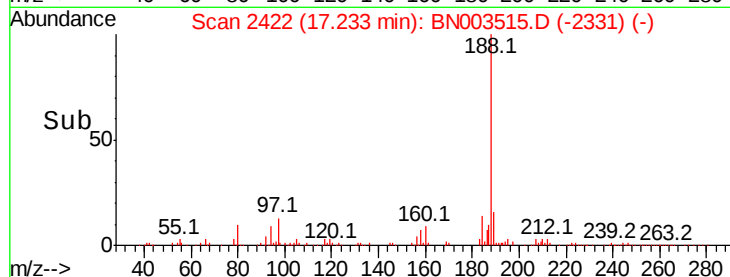
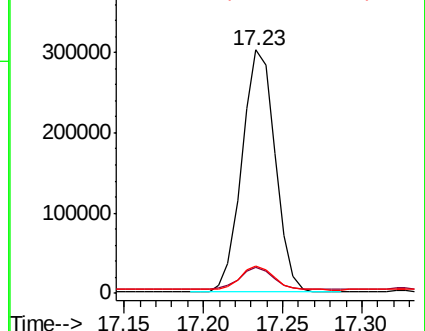
80 11.3 8.2 12.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#71

Phenanthrene

Concen: 32.622 ng

RT: 17.28 min Scan# 2430

Delta R.T. 0.01 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

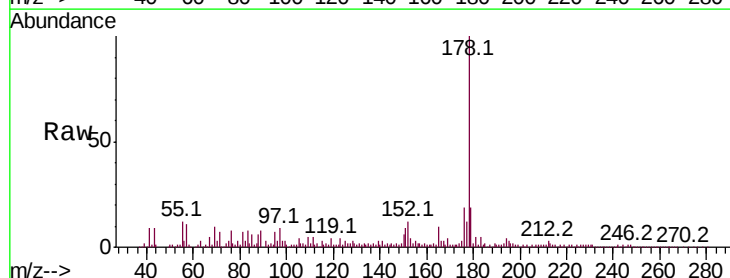
Tgt Ion:178 Resp: 747035

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

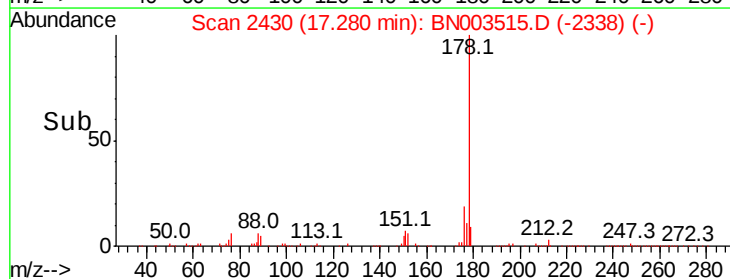
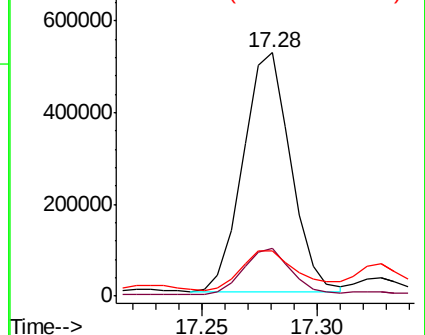
179 18.6 12.5 18.7

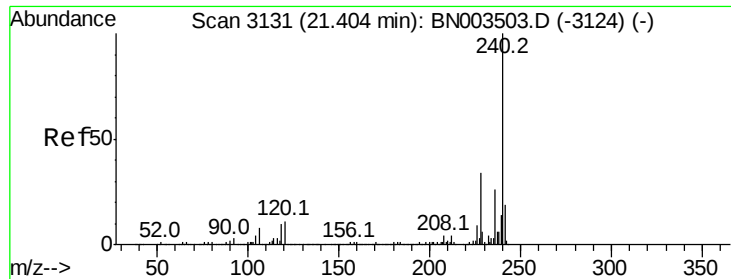


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

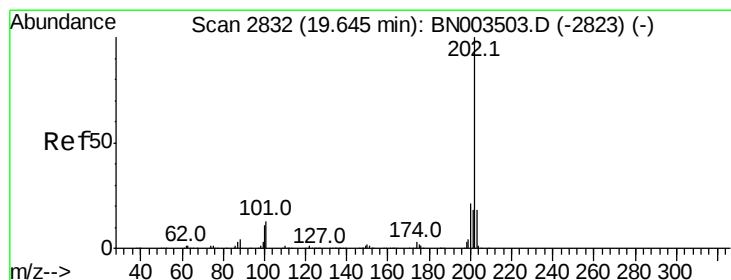
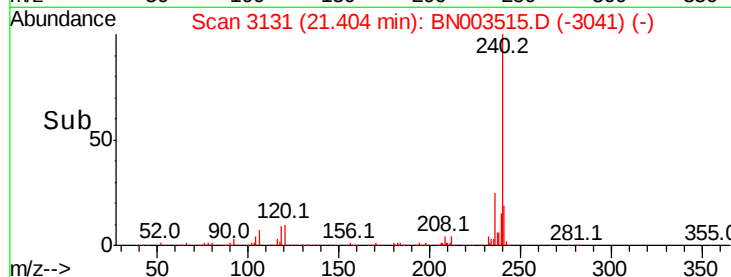
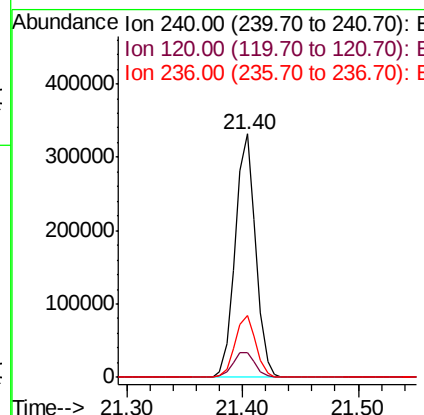
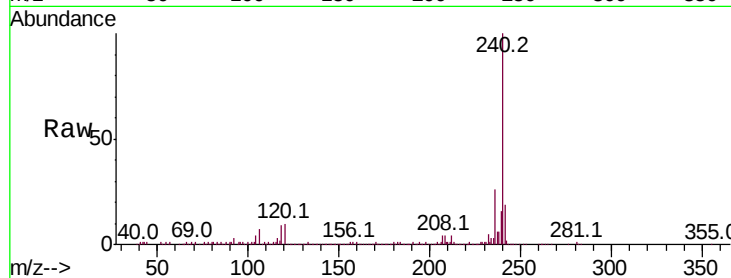




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

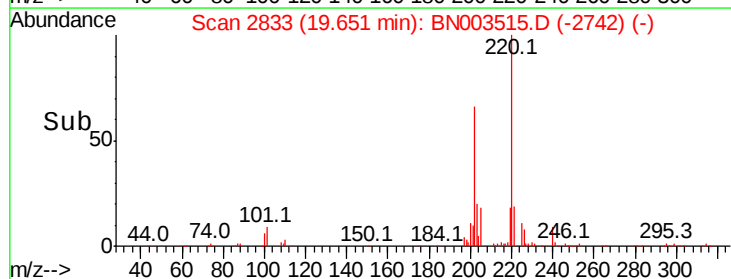
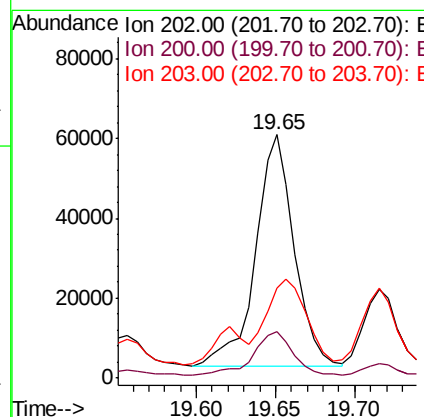
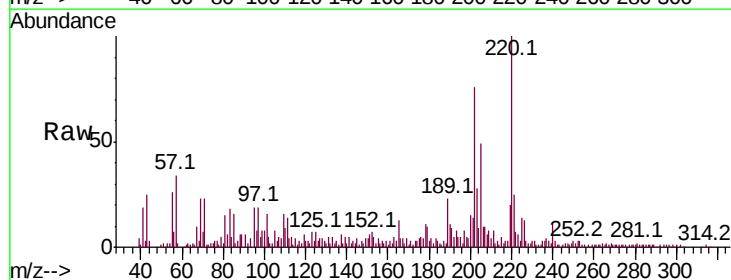
Instrument :
BNA_N
ClientSampleId :
TP-1D

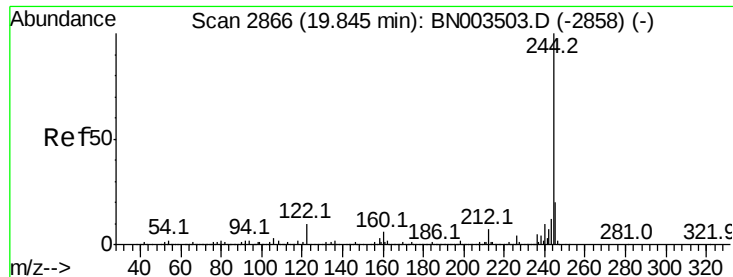
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.1	13.7
236	25.6	20.6	30.8



#78
Pyrene
Concen: 3.561 ng
RT: 19.65 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.8	25.2
203	37.1	14.2	21.2#





#79

Terphenyl-d14

Concen: 104.034 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

Instrument :

BNA_N

ClientSampleId :

TP-1D

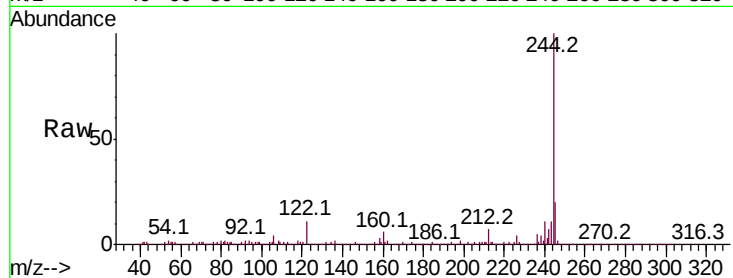
Tot Ion:244 Resp: 2143887

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

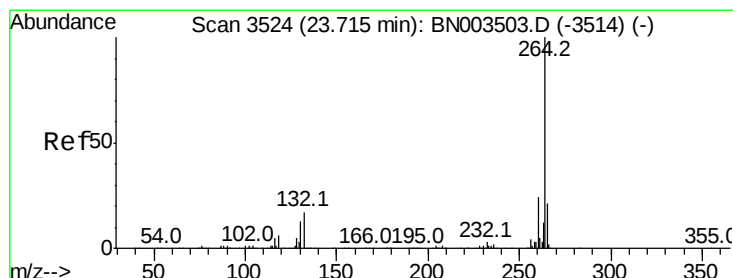
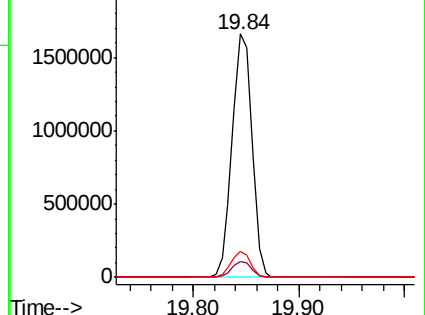
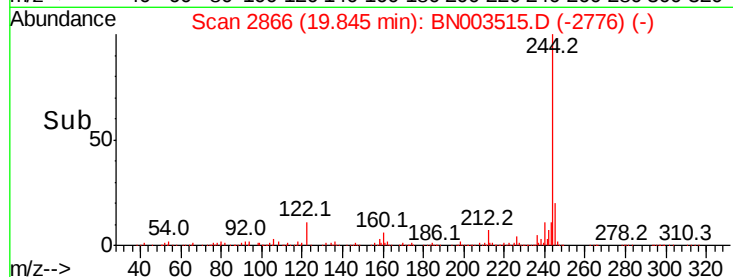
122 10.6 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BN003515.D

Acq: 13 Nov 2018 17:11

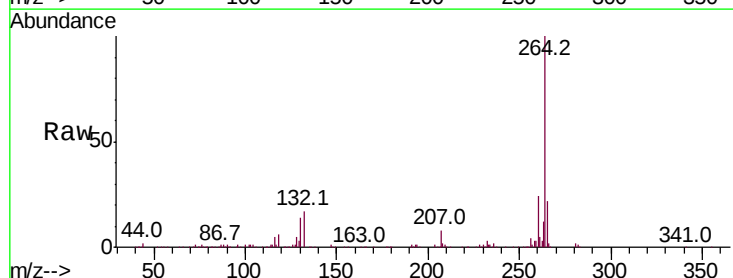
Tgt Ion:264 Resp: 399214

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

