

Data File : BN007350.D
Acq On : 24 Aug 2019 05:14
Operator : HP/JU
Sample : K4441-09DL 25X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Quant Time: Aug 24 07:35:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5826	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	24434	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	13285	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	28710	0.40	ng	0.00
27) Chrysene-d12	21.02	240	28660	0.40	ng	0.00
34) Perylene-d12	23.12	264	31190	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	125	-0.02	ng	0.00
5) Phenol-d6	6.59	99	193	-0.02	ng	0.00
8) Nitrobenzene-d5	8.54	82	125	0.01	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	25	0.00	ng	0.14
14) 2,4,6-Tribromophenol	15.56	330	60	0.01	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	308	0.01	ng	0.00
25) Fluoranthene-d10	18.85	212	504	0.01	ng	0.00
29) Terphenyl-d14	19.46	244	927	0.01	ng	0.00

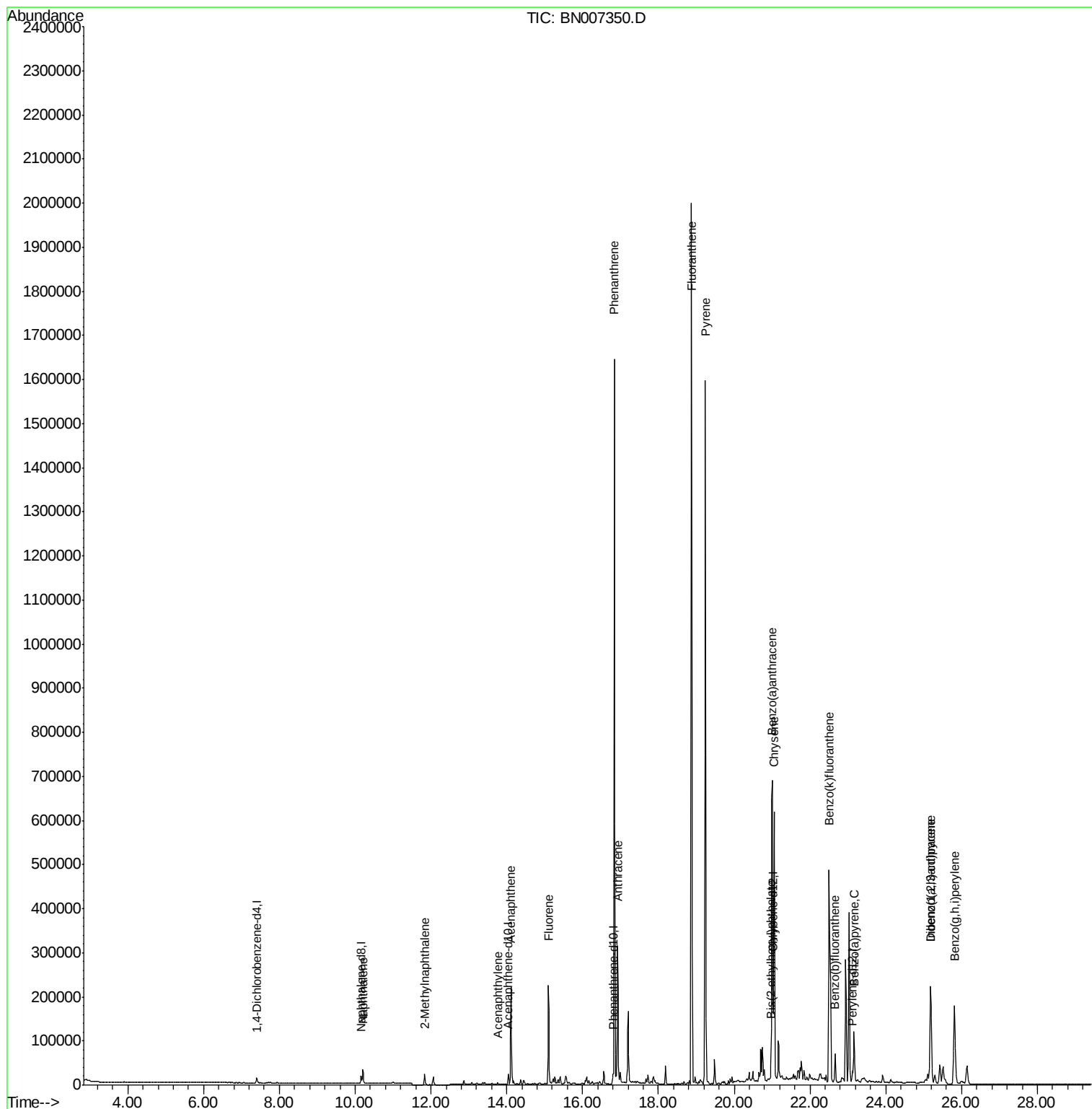
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.20	128	42165	0.604	ng	# 90
12) 2-Methylnaphthalene	11.84	142	18569	0.390	ng	96
16) Acenaphthylene	13.76	152	2690	0.034	ng	# 88
17) Acenaphthene	14.11	154	107383	2.335	ng	98
18) Fluorene	15.10	166	143103	2.460	ng	99
23) Phenanthrene	16.84	178	1685305	19.515	ng	99
24) Anthracene	16.93	178	311542	3.587	ng	# 93
26) Fluoranthene	18.88	202	1809914	16.323	ng	99
28) Pyrene	19.24	202	1436668	12.461	ng	# 95
30) Benzo(a)anthracene	21.01	228	695313	6.178	ng	99
31) Chrysene	21.05	228	577422	5.315	ng	98
32) Bis(2-ethylhexyl)phthalate	20.97	149	5839	0.061	ng	# 83
33) Indeno(1,2,3-cd)pyrene	25.18	276	350672	2.679	ng	98
35) Benzo(b)fluoranthene	22.66	252	75585	0.669	ng	93
36) Benzo(k)fluoranthene	22.51	252	736660	6.596	ng	# 91
37) Benzo(a)pyrene	23.17	252	145026	1.349	ng	97
38) Dibenzo(a,h)anthracene	25.19	278	86890	0.810	ng	96
39) Benzo(g,h,i)perylene	25.81	276	348321	3.258	ng	96

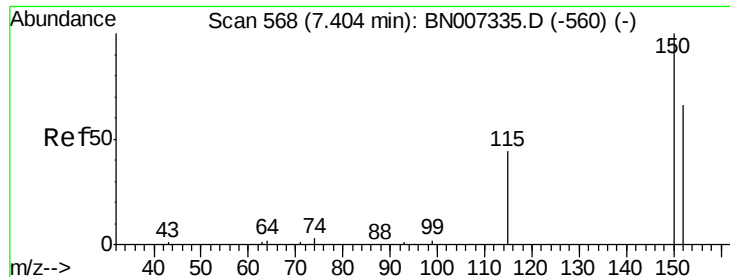
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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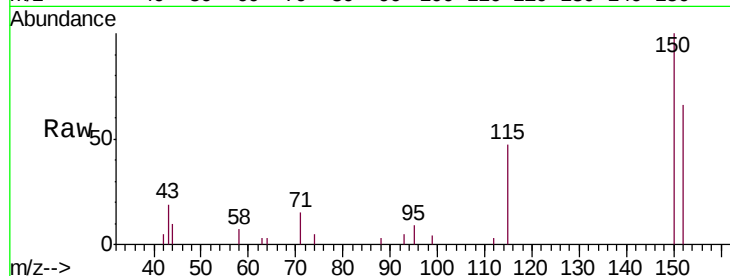


#1

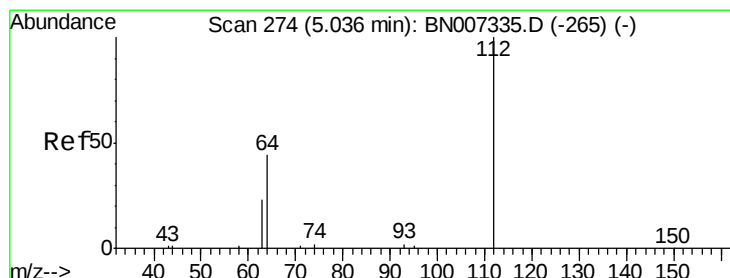
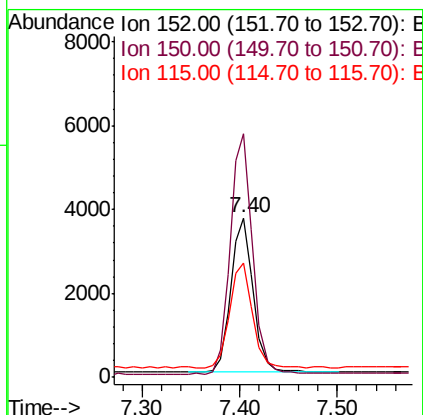
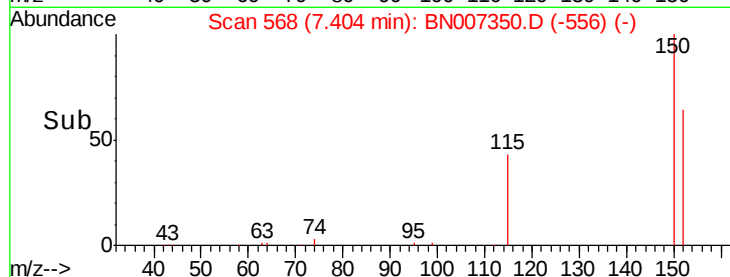
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

Tgt Ion:152 Resp: 5826
Ion Ratio Lower Upper
152 100
150 152.4 109.1 163.7
115 71.5 59.6 89.4



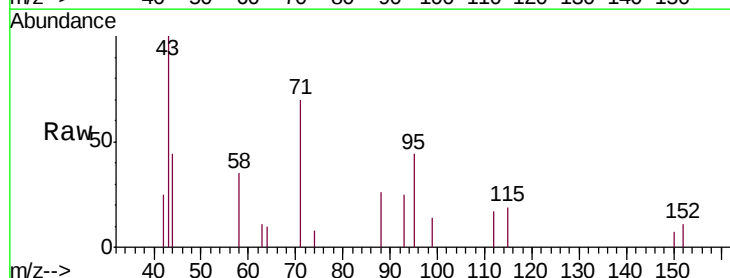
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



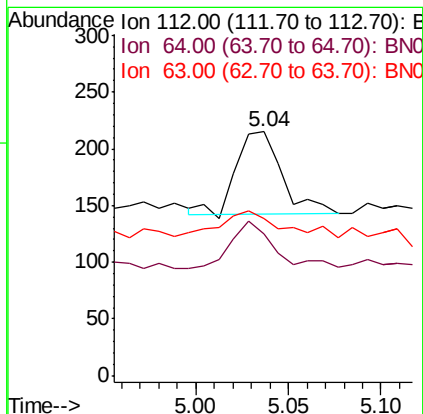
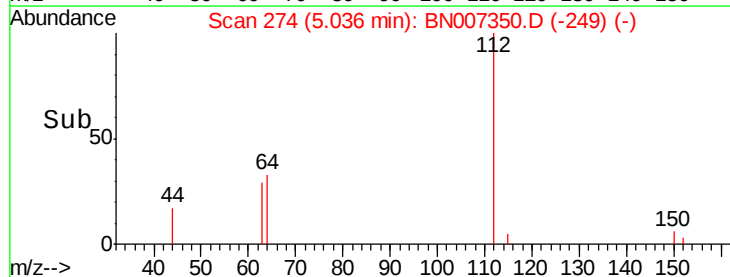
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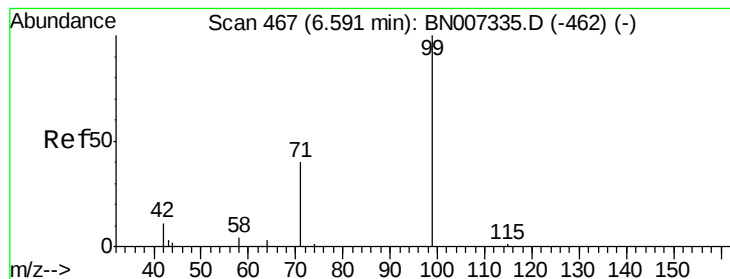
2-Fluorophenol
Concen: -0.024 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:112 Resp: 125
Ion Ratio Lower Upper
112 100
64 57.6 42.3 63.5
63 42.4 23.6 35.4#



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





#5

Phenol-d6

Concen: -0.025 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019DL

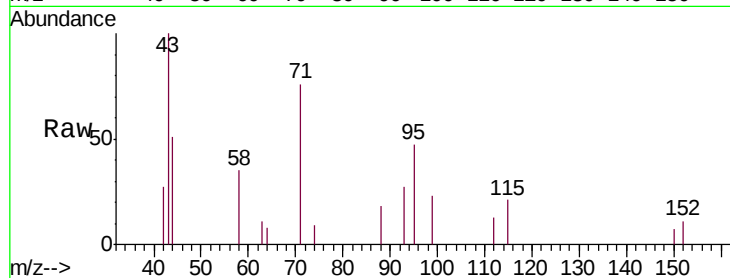
Tgt Ion: 99 Resp: 193

Ion Ratio Lower Upper

99 100

42 23.3 11.2 16.8#

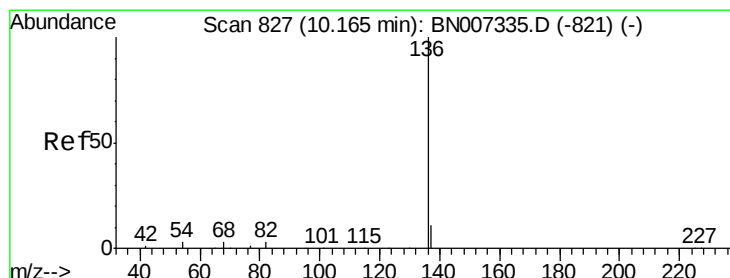
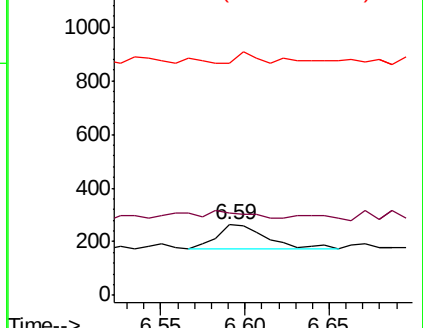
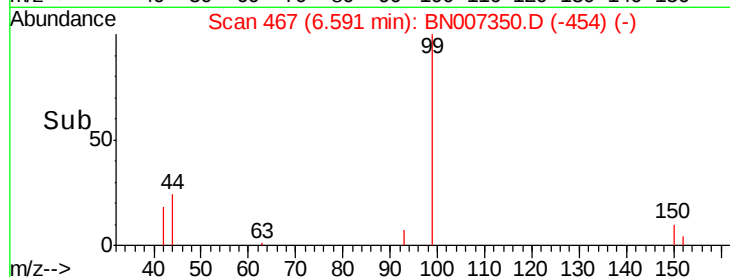
71 15.0 31.8 47.8#



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Tgt Ion: 136 Resp: 24434

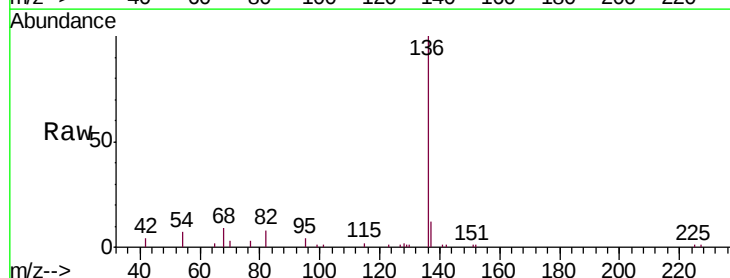
Ion Ratio Lower Upper

136 100

137 11.7 12.9 19.3#

54 7.2 8.6 12.8#

68 8.7 17.0 25.4#

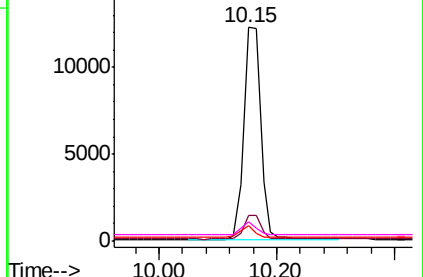
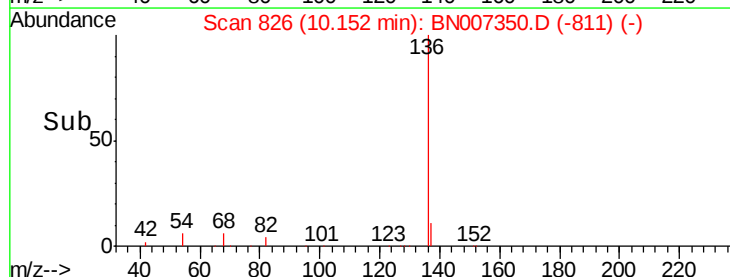


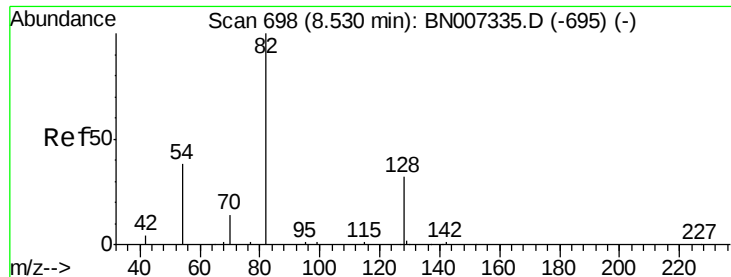
Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007335.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007335.D (-821) (-)

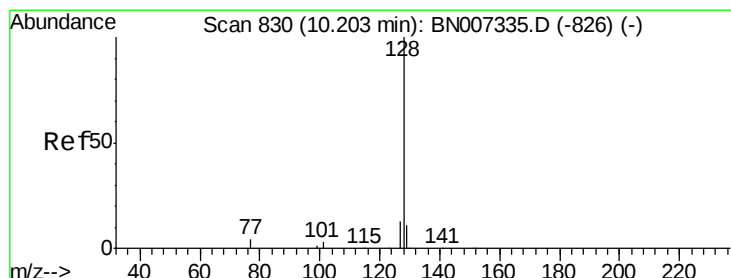
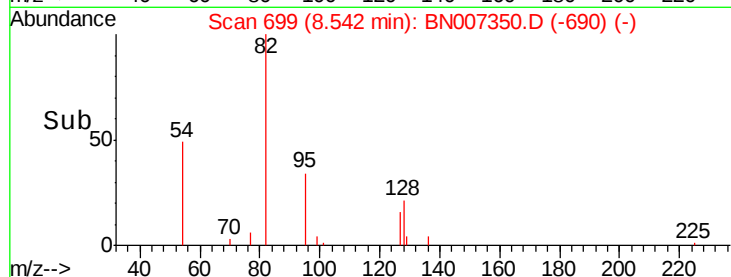
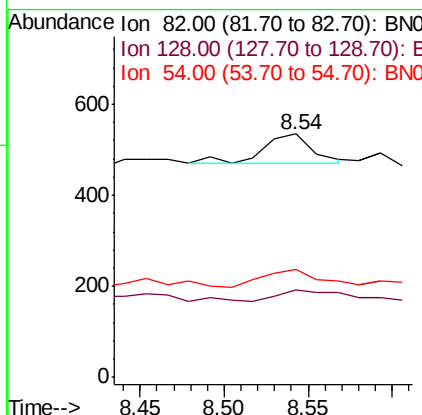
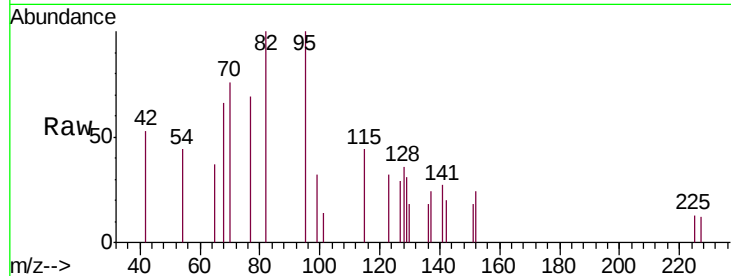




#8
 Nitrobenzene-d5
 Concen: 0.006 ng
 RT: 8.54 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BN007350.D
 Acq: 24 Aug 2019 05:14

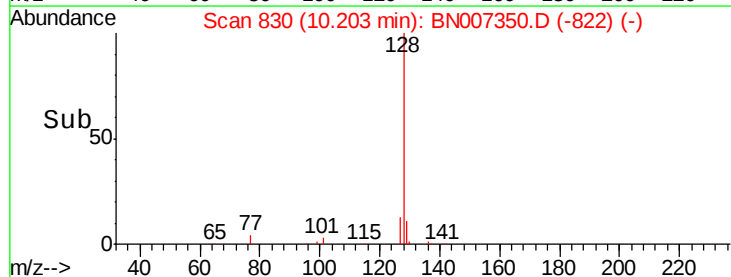
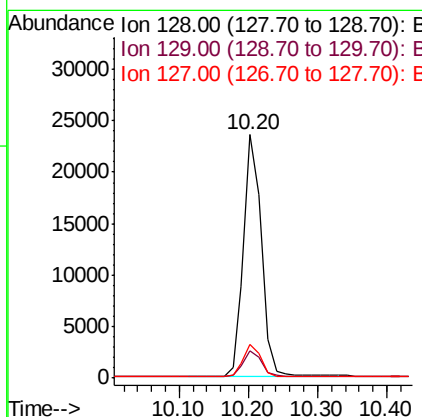
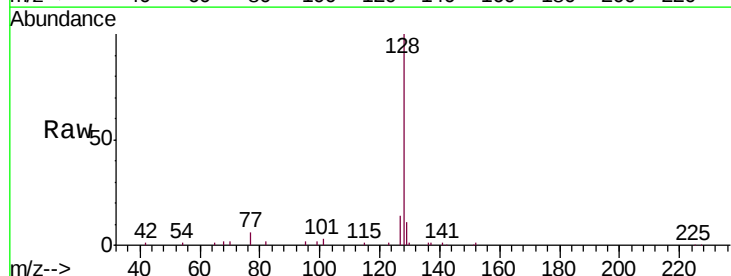
Instrument :
 BNA_N
 ClientSampleId :
 S700-N-0.0-0.5-082019DL

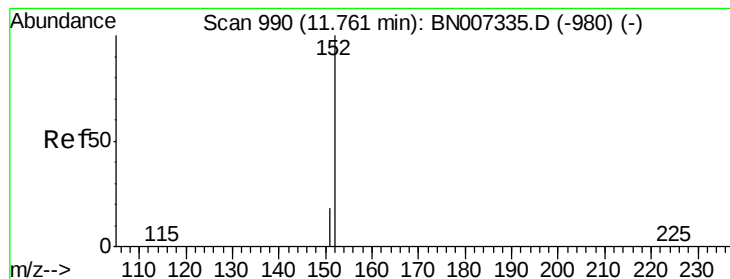
Tgt Ion: 82 Resp: 125
 Ion Ratio Lower Upper
 82 100
 128 36.1 19.7 29.5#
 54 44.5 25.8 38.6#



#9
 Naphthalene
 Concen: 0.604 ng
 RT: 10.20 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BN007350.D
 Acq: 24 Aug 2019 05:14

Tgt Ion: 128 Resp: 42165
 Ion Ratio Lower Upper
 128 100
 129 11.4 11.1 16.7
 127 14.0 15.5 23.3#





#11

2-Methylnaphthalene-d10

Concen: 0.001 ng

RT: 11.90 min Scan# 1021

Delta R.T. 0.14 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Instrument :

BNA_N

ClientSampleId :

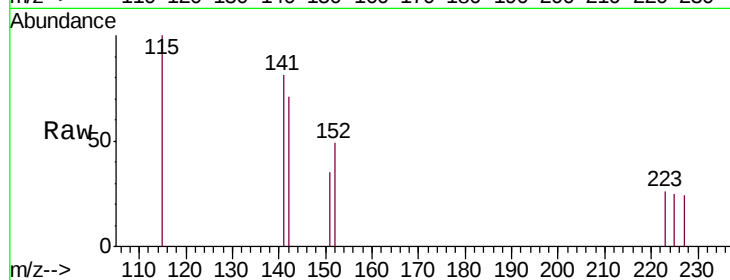
S700-N-0.0-0.5-082019DL

Tgt Ion:152 Resp: 25

Ion Ratio Lower Upper

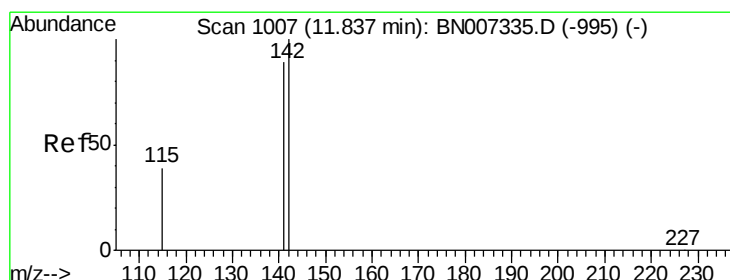
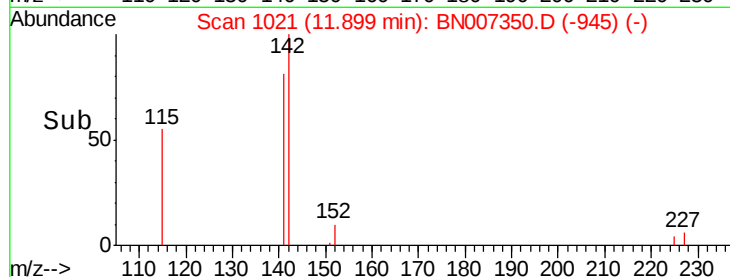
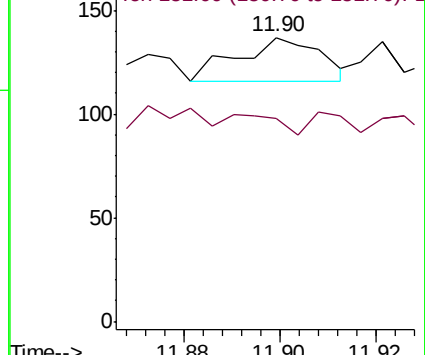
152 100

151 24.0 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.390 ng

RT: 11.84 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

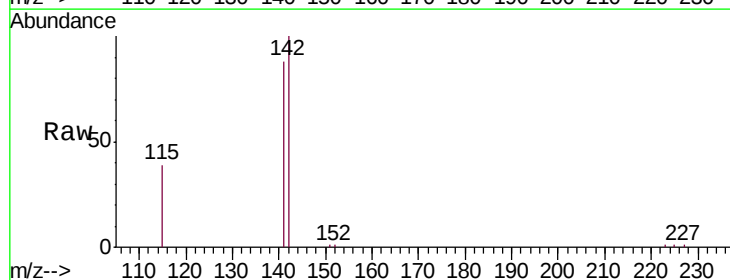
Tgt Ion:142 Resp: 18569

Ion Ratio Lower Upper

142 100

141 88.1 72.8 109.2

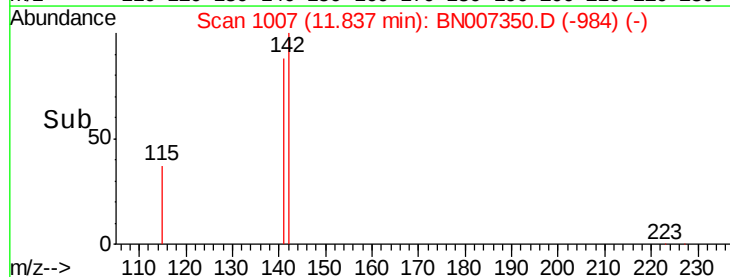
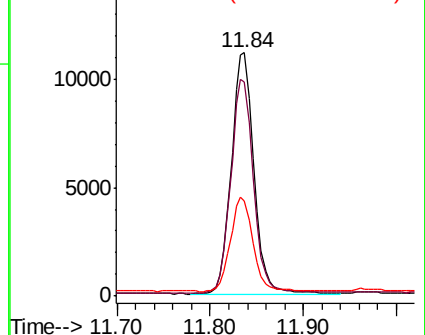
115 39.2 35.2 52.8

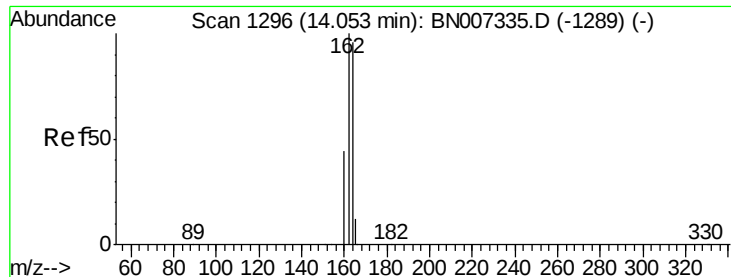


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Instrument :

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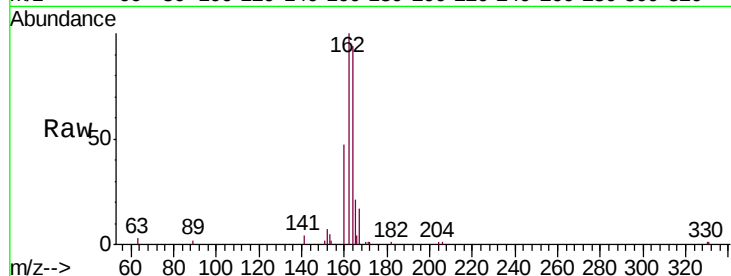
Tgt Ion:164 Resp: 13285

Ion Ratio Lower Upper

164 100

162 106.5 83.5 125.3

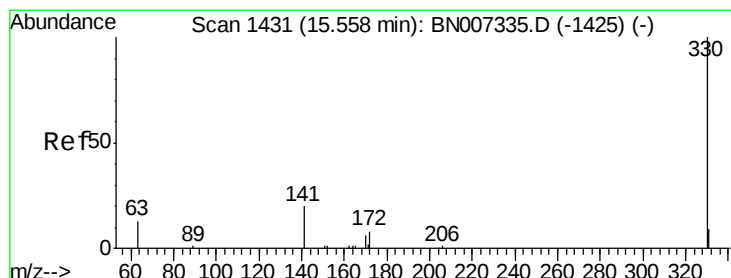
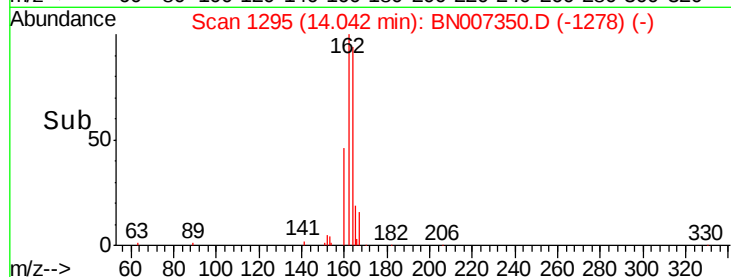
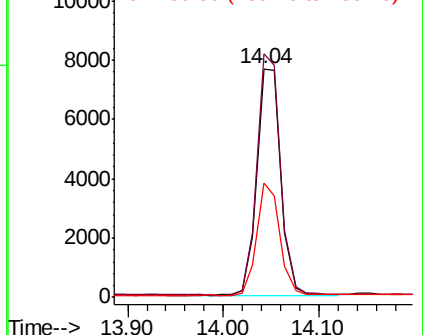
160 49.8 38.2 57.4



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



#14

2,4,6-Tribromophenol

Concen: 0.009 ng

RT: 15.56 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

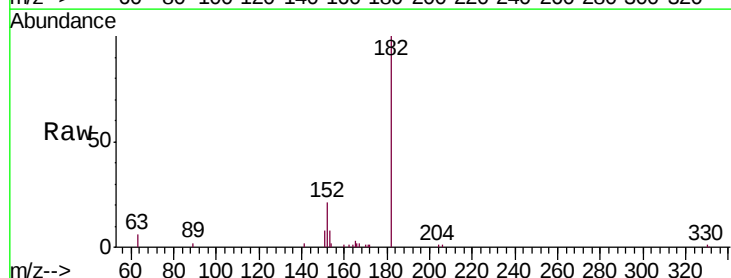
Tgt Ion:330 Resp: 60

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

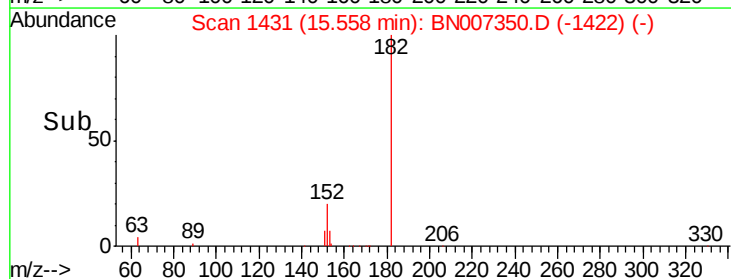
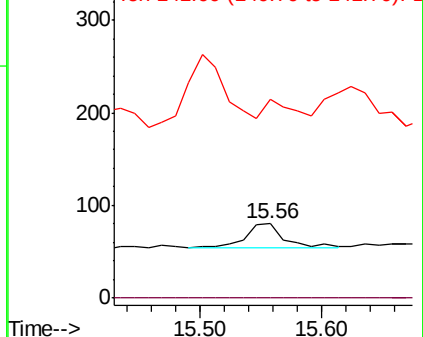
141 88.3 26.9 40.3#

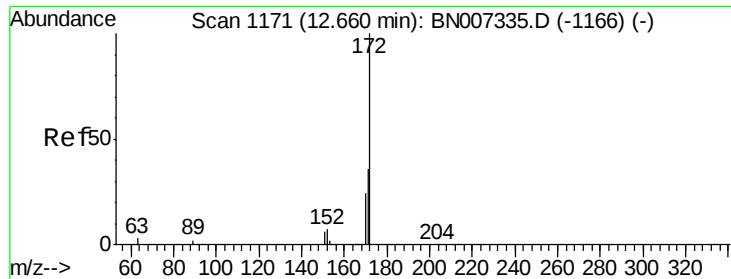


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

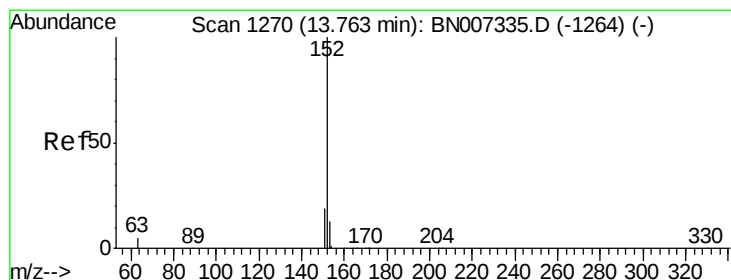
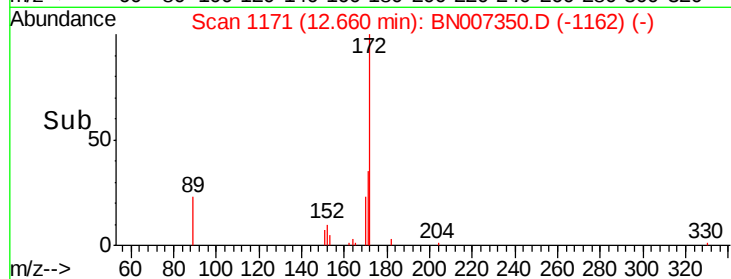
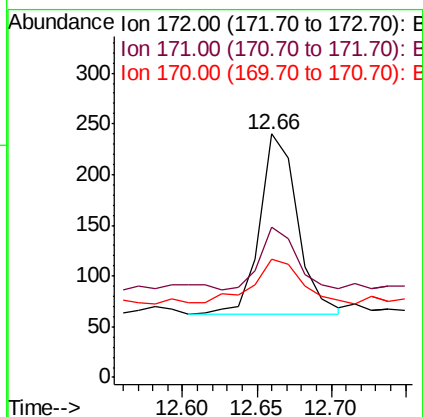
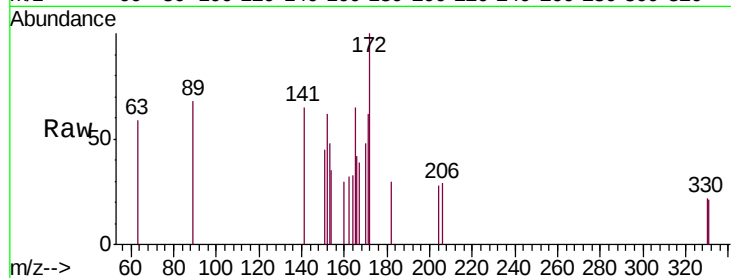




#15
2-Fluorobiphenyl
Concen: 0.006 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

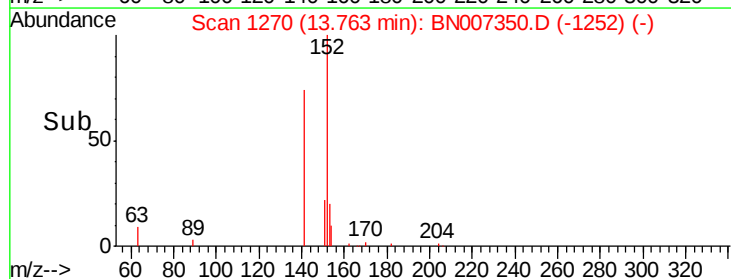
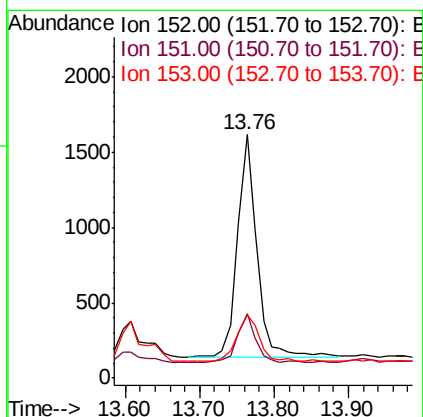
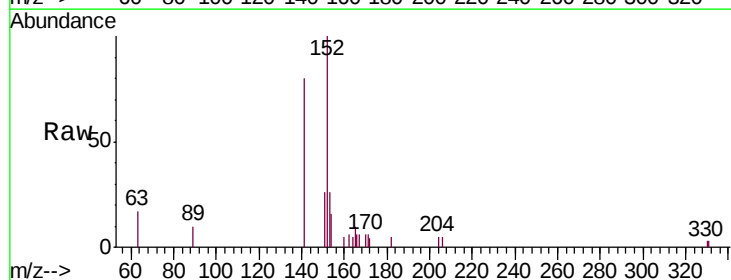
Instrument :
BNA_N
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S700-N-0.0-0.5-082019DL

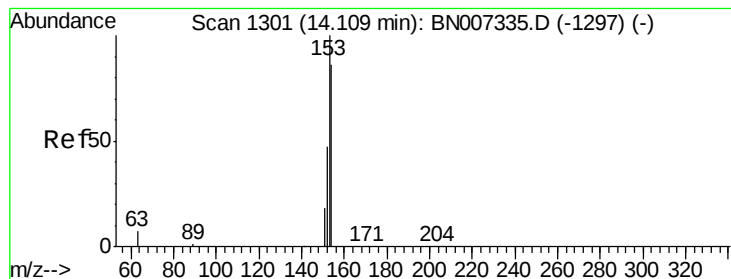
Tgt Ion:172 Resp: 308
Ion Ratio Lower Upper
172 100
171 61.7 30.3 45.5#
170 48.3 20.7 31.1#



#16
Acenaphthylene
Concen: 0.034 ng
RT: 13.76 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:152 Resp: 2690
Ion Ratio Lower Upper
152 100
151 21.4 16.1 24.1
153 23.5 10.6 15.8#





#17

Acenaphthene

Concen: 2.335 ng

RT: 14.11 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019DL

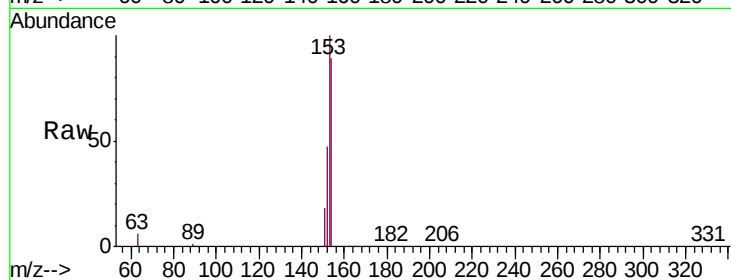
Tgt Ion:154 Resp: 107383

Ion Ratio Lower Upper

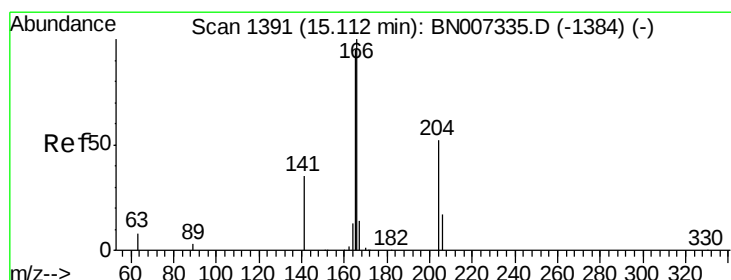
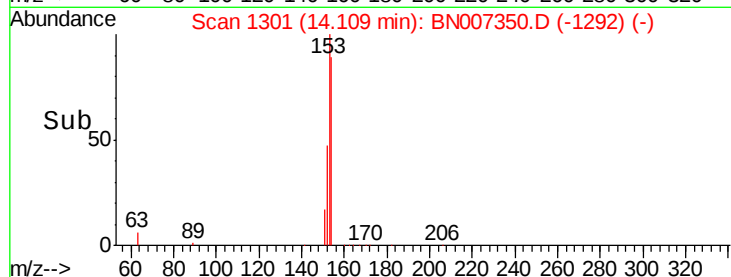
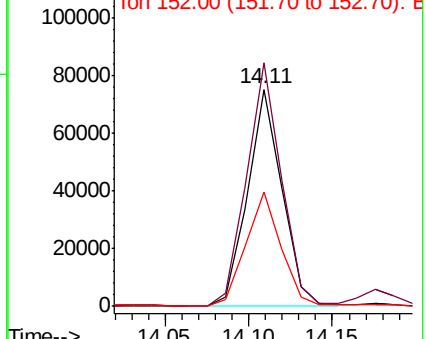
154 100

153 113.2 92.8 139.2

152 54.2 43.8 65.8



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



#18

Fluorene

Concen: 2.460 ng

RT: 15.10 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

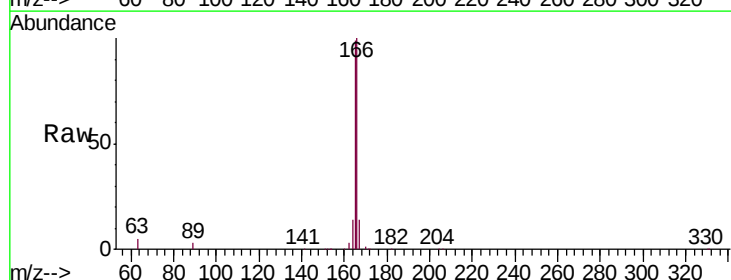
Tgt Ion:166 Resp: 143103

Ion Ratio Lower Upper

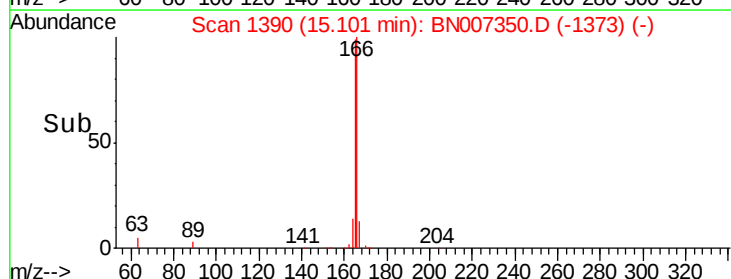
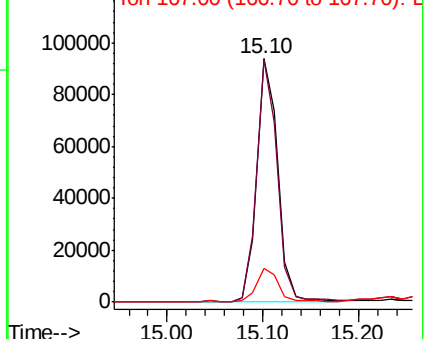
166 100

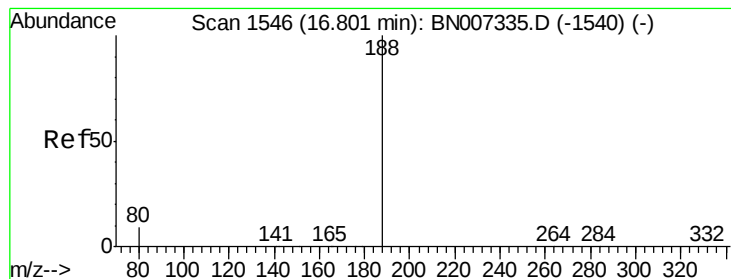
165 97.5 79.0 118.4

167 14.1 10.6 15.8



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019DL

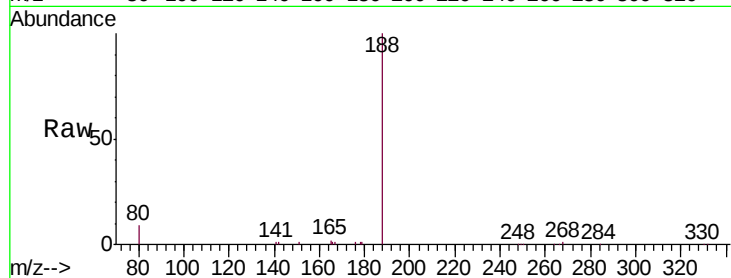
Tgt Ion:188 Resp: 28710

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 11.8 17.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

25000

20000

15000

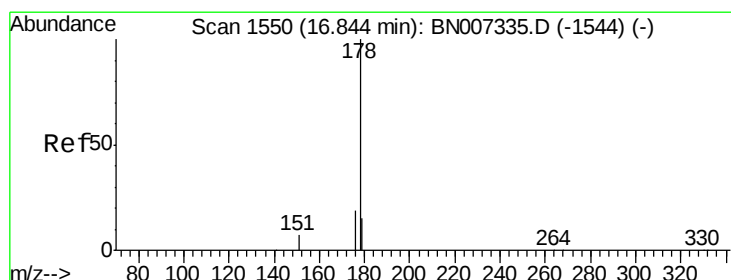
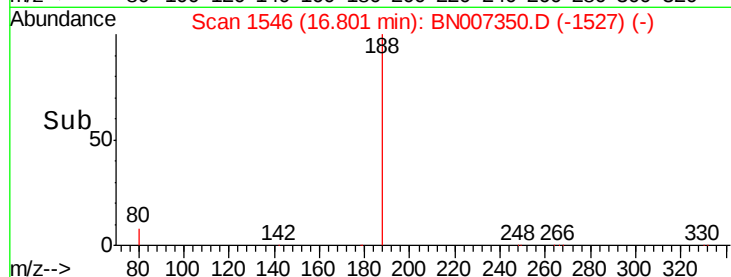
10000

5000

0

16.70 16.80 16.90

Time-->



#23

Phenanthrene

Concen: 19.515 ng

RT: 16.84 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

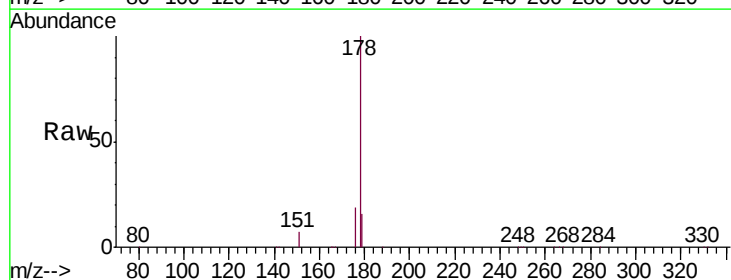
Tgt Ion:178 Resp: 1685305

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.6 19.0



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

1500000

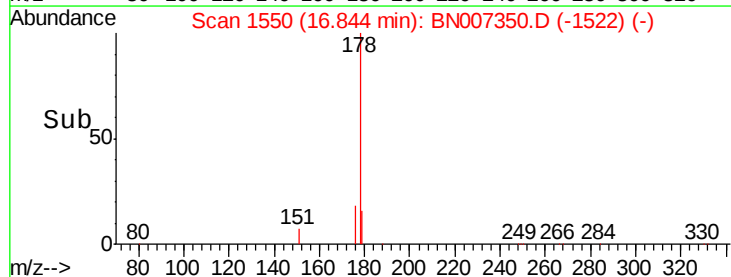
1000000

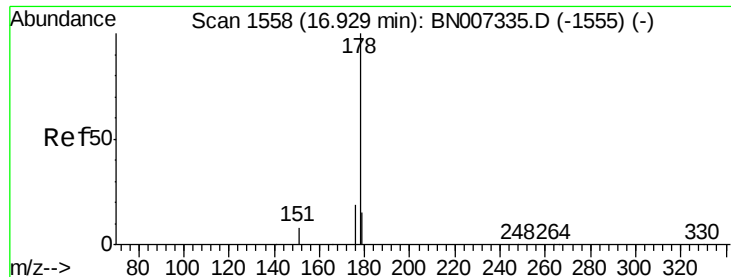
500000

0

16.70 16.80 16.90

Time-->





#24

Anthracene

Concen: 3.587 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019DL

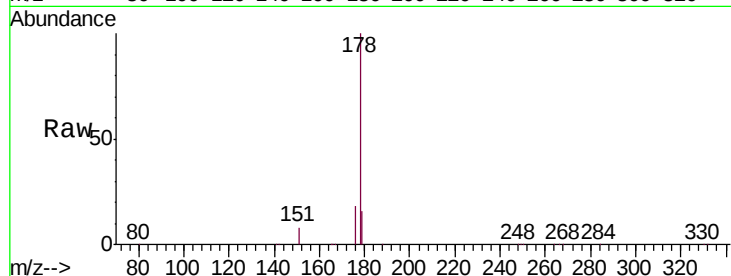
Tgt Ion:178 Resp: 311542

Ion Ratio Lower Upper

178 100

176 19.2 14.9 22.3

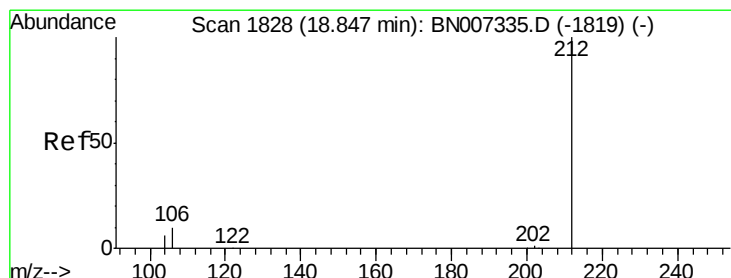
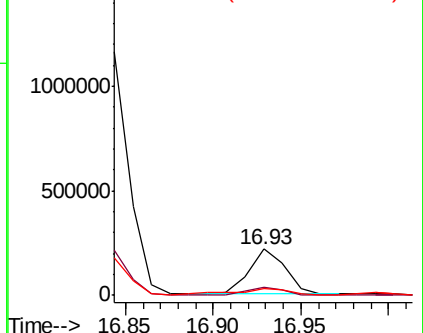
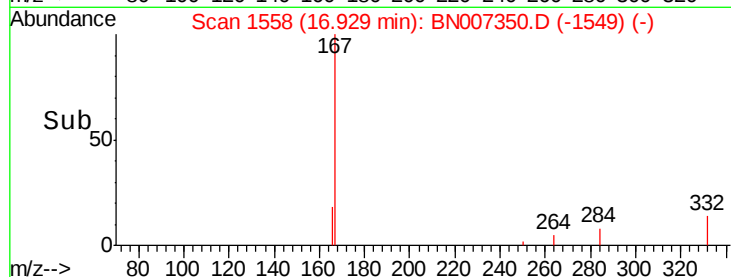
179 21.3 12.4 18.6#



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



#25

Fluoranthene-d10

Concen: 0.005 ng

RT: 18.85 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

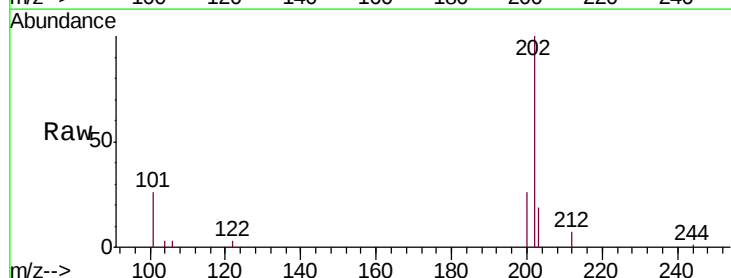
Tgt Ion:212 Resp: 504

Ion Ratio Lower Upper

212 100

106 14.3 9.0 13.4#

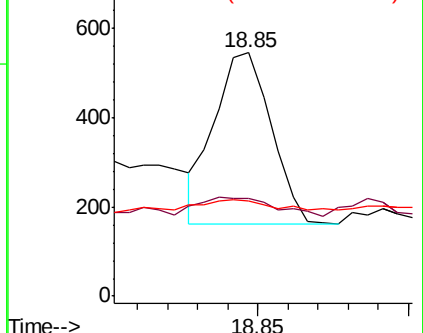
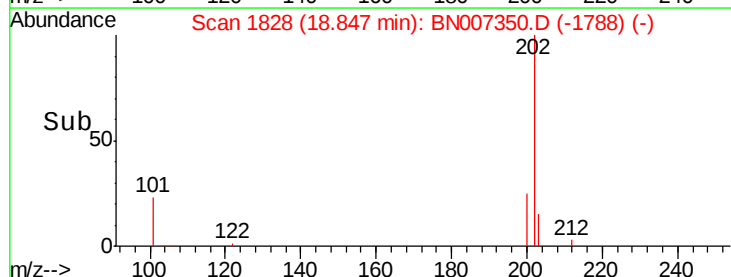
104 19.4 5.4 8.2#

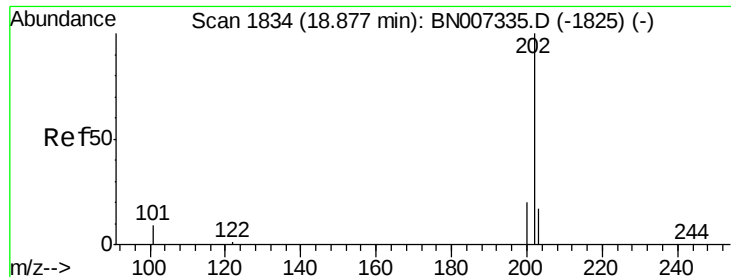


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

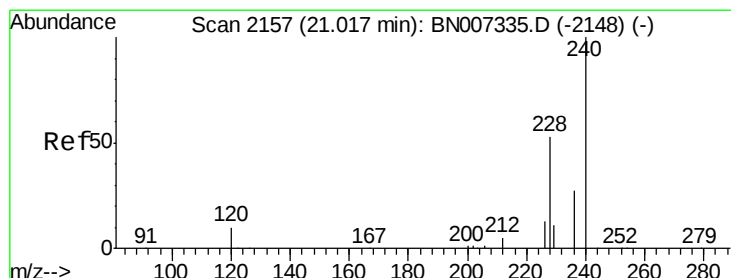
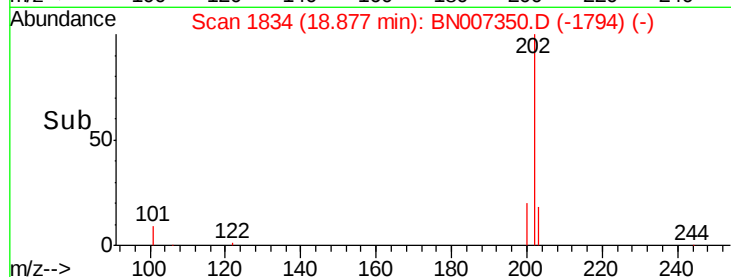
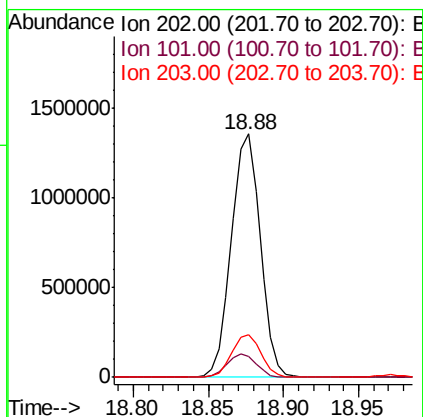
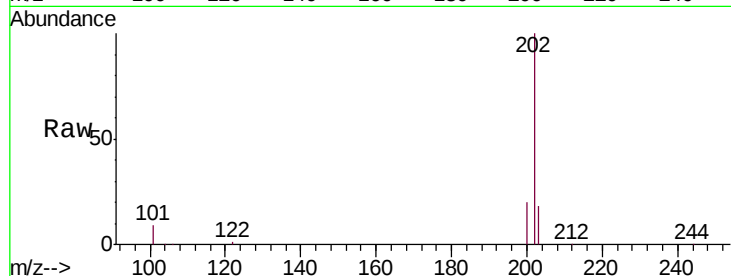




#26
 Fluoranthene
 Concen: 16.323 ng
 RT: 18.88 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BN007350.D
 Acq: 24 Aug 2019 05:14

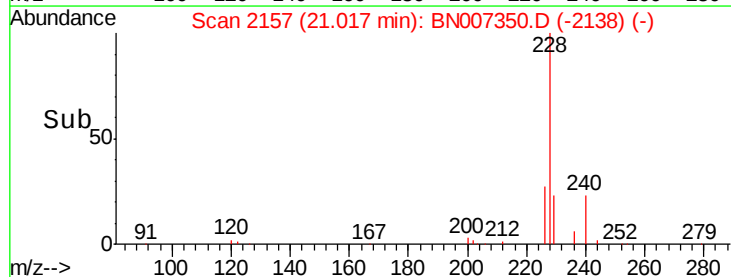
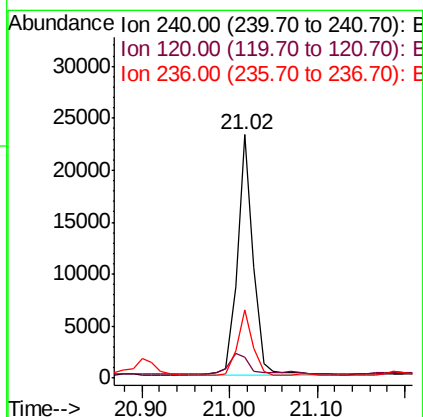
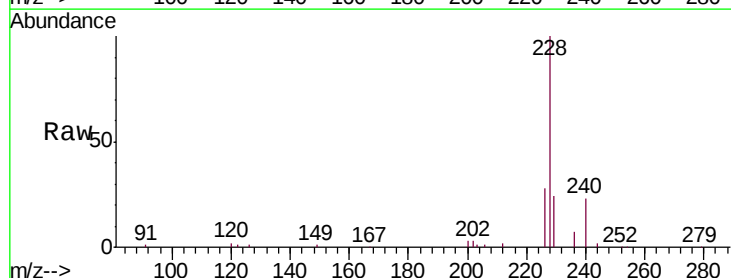
Instrument :
 BNA_N
 ClientSampleId :
 S700-N-0.0-0.5-082019DL

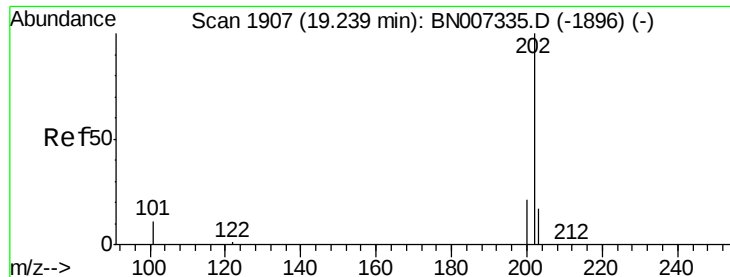
Tgt Ion:202 Resp: 1809914
 Ion Ratio Lower Upper
 202 100
 101 9.6 7.7 11.5
 203 17.6 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.02 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BN007350.D
 Acq: 24 Aug 2019 05:14

Tgt Ion:240 Resp: 28660
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.6 14.4#
 236 27.9 22.2 33.2





#28

Pyrene

Concen: 12.461 ng

RT: 19.24 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019DL

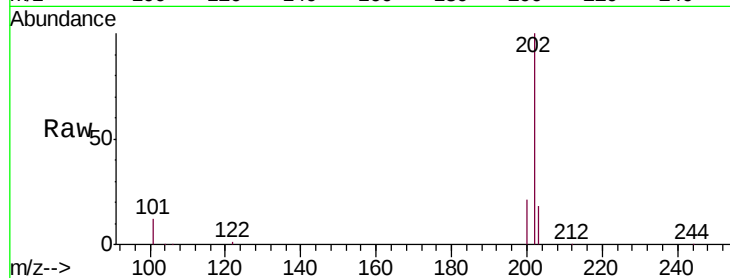
Tgt Ion:202 Resp: 1436668

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

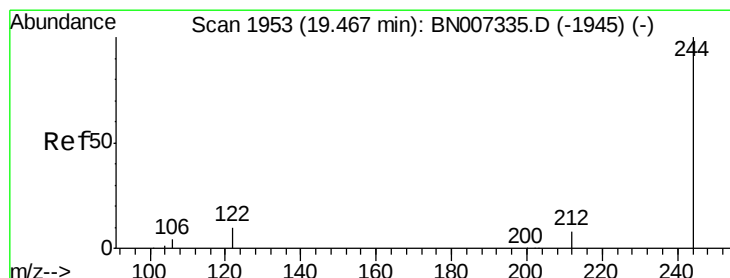
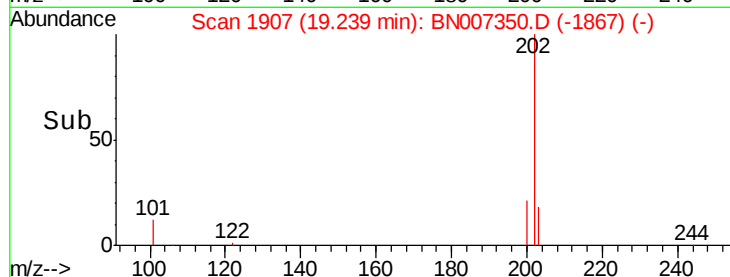
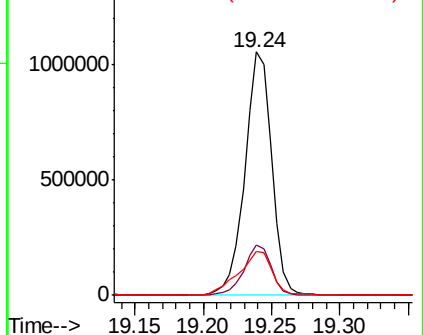
203 22.8 14.2 21.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.012 ng

RT: 19.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

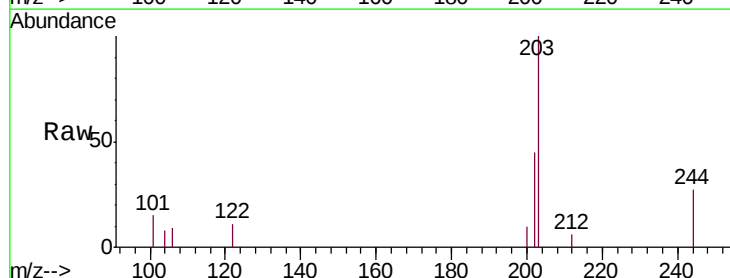
Tgt Ion:244 Resp: 927

Ion Ratio Lower Upper

244 100

212 23.8 7.0 10.6#

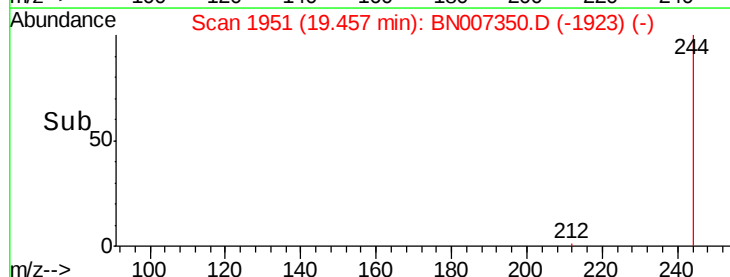
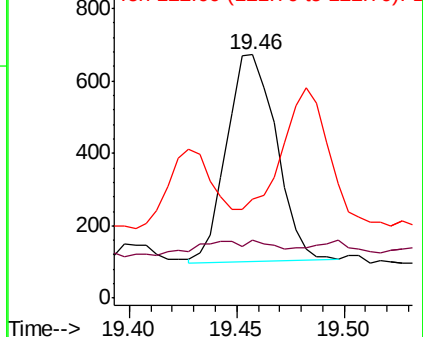
122 40.6 9.6 14.4#

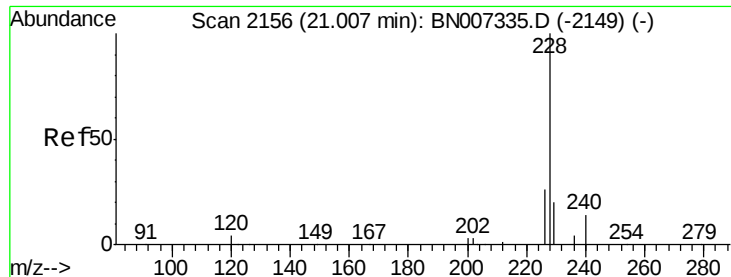


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 6.178 ng

RT: 21.01 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019DL

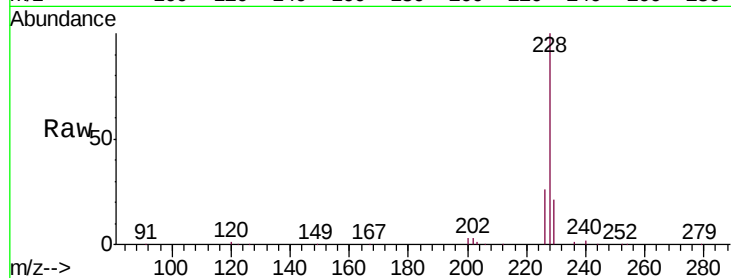
Tgt Ion:228 Resp: 695313

Ion Ratio Lower Upper

228 100

226 26.4 21.3 31.9

229 21.1 16.1 24.1

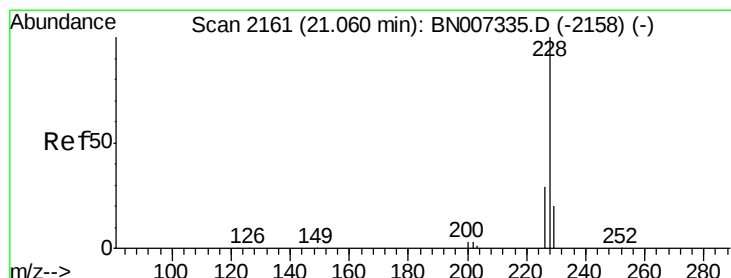
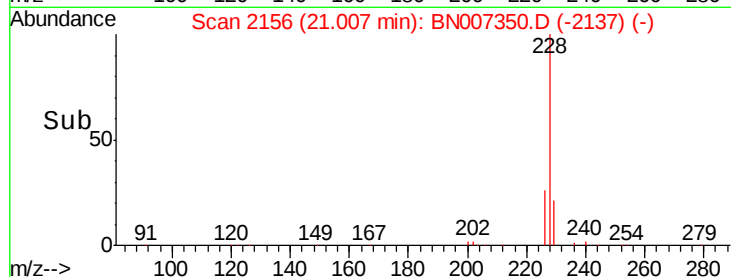
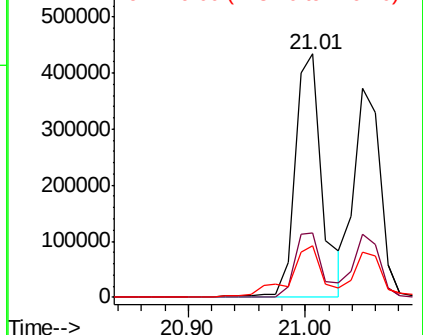


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 5.315 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

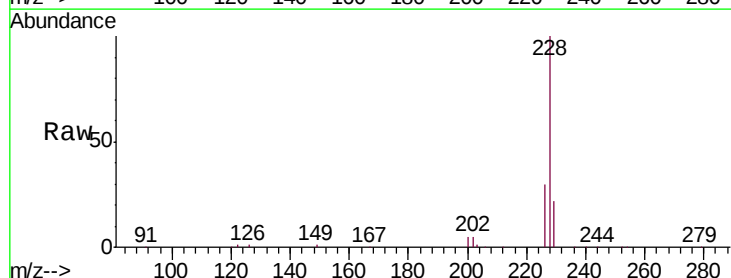
Tgt Ion:228 Resp: 577422

Ion Ratio Lower Upper

228 100

226 30.5 23.5 35.3

229 21.5 16.6 24.8

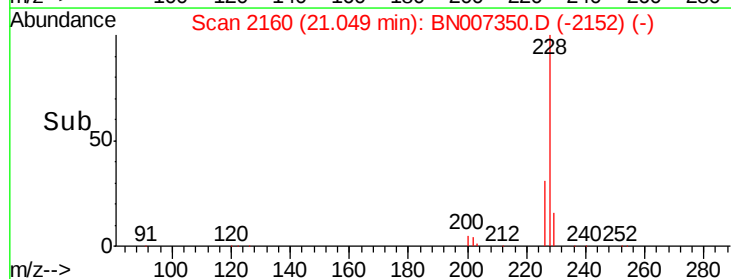
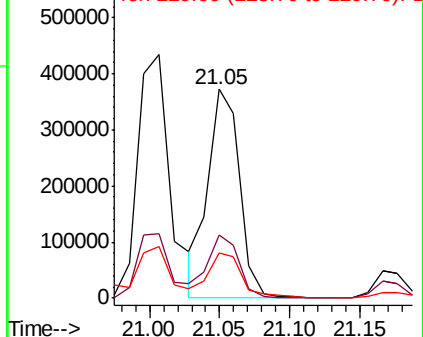


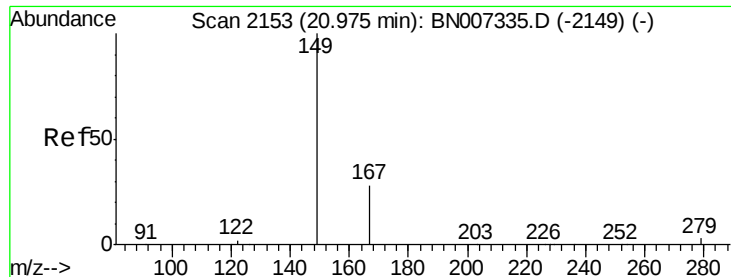
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

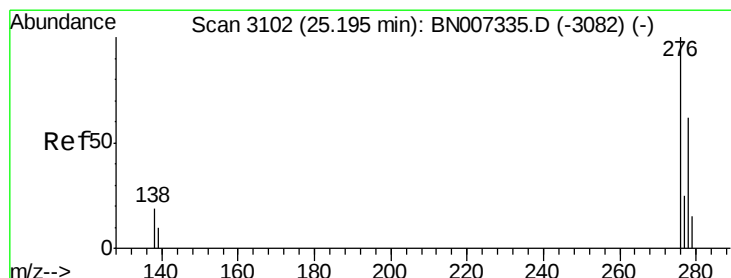
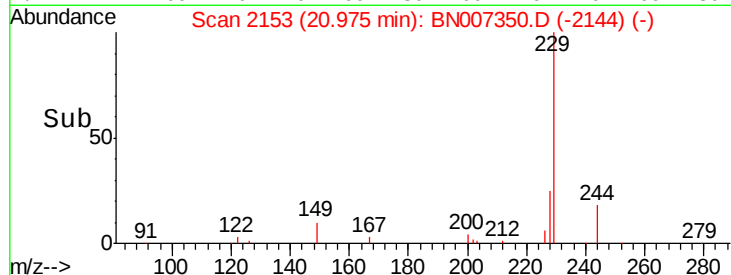
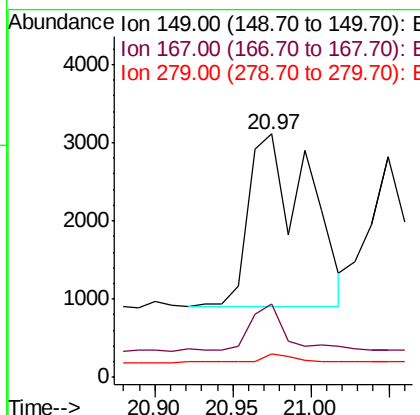
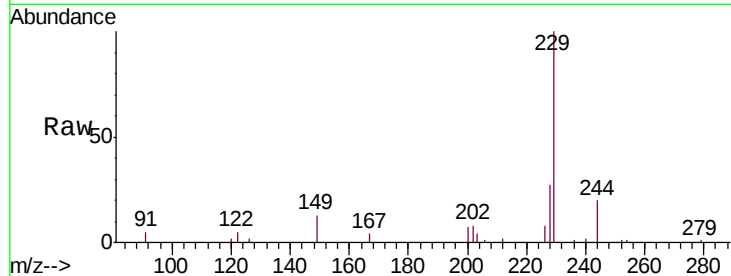




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 20.97 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BN007350.D
 Acq: 24 Aug 2019 05:14

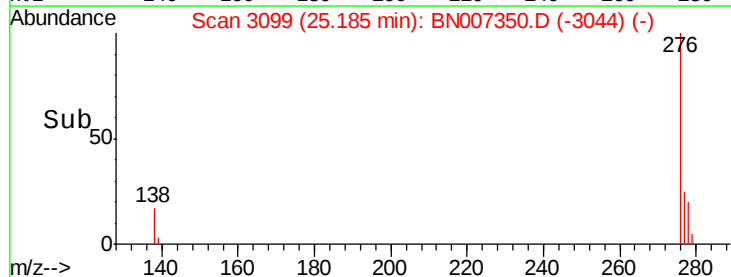
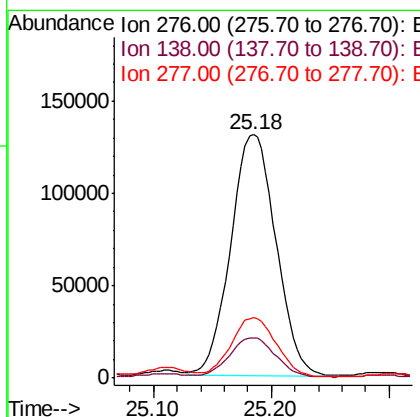
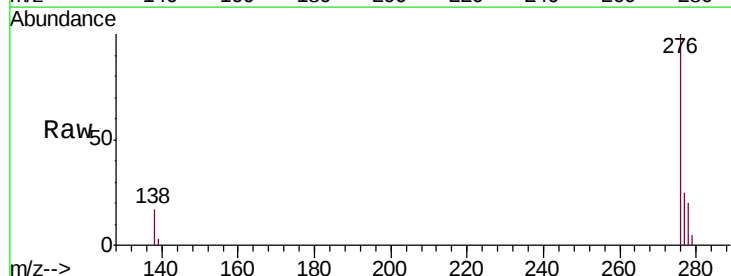
Instrument :
 BNA_N
 ClientSampleId :
 S700-N-0.0-0.5-082019DL

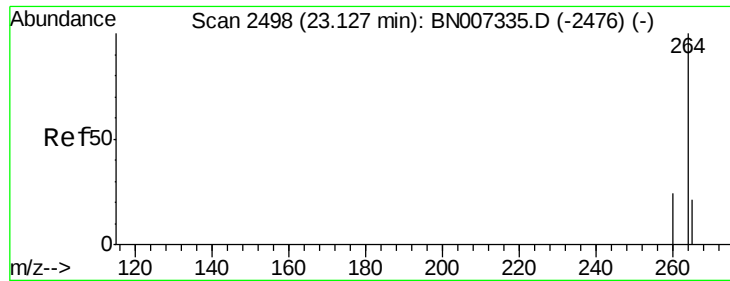
Tgt Ion:149 Resp: 5839
 Ion Ratio Lower Upper
 149 100
 167 18.0 22.8 34.2#
 279 4.1 3.5 5.3



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.679 ng
 RT: 25.18 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BN007350.D
 Acq: 24 Aug 2019 05:14

Tgt Ion:276 Resp: 350672
 Ion Ratio Lower Upper
 276 100
 138 16.6 15.1 22.7
 277 24.4 19.7 29.5

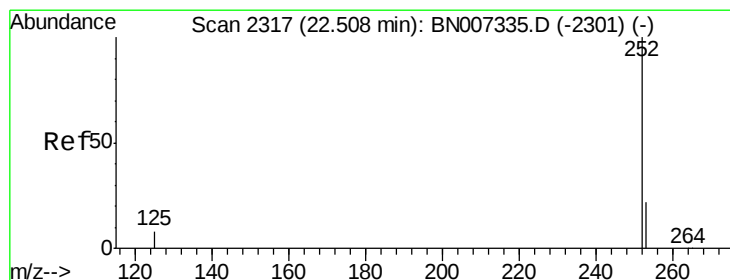
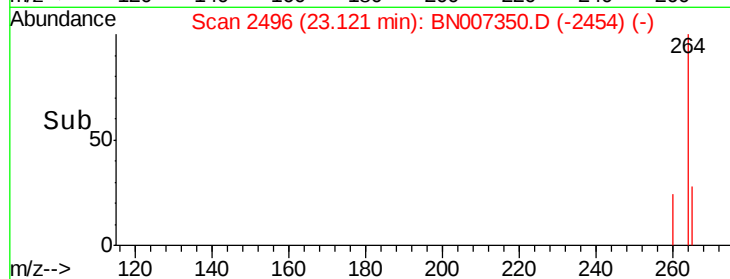
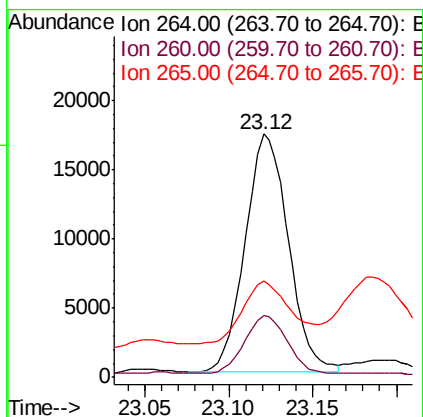
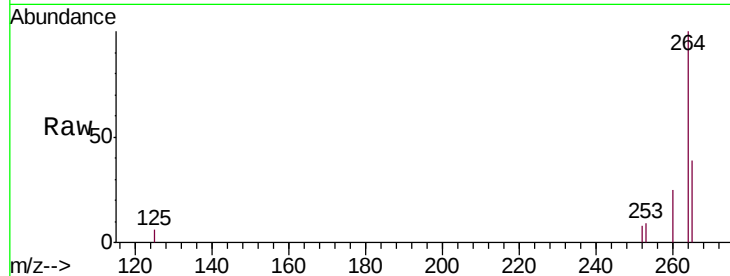




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

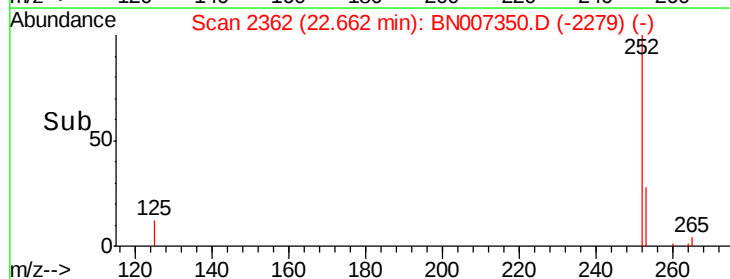
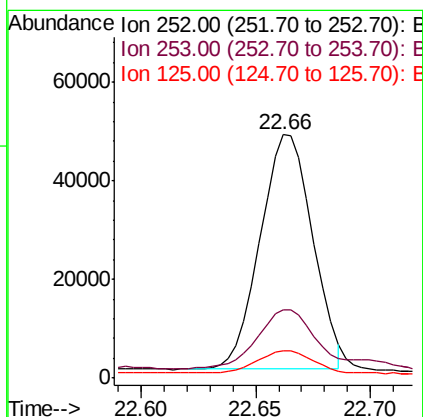
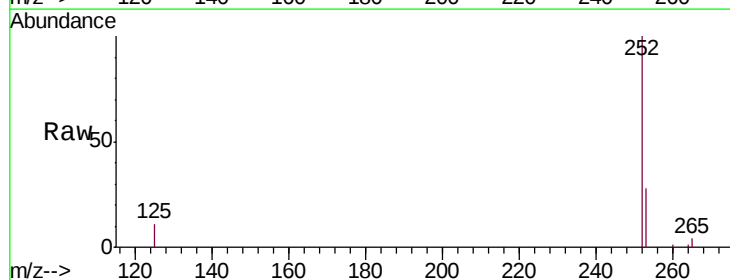
Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

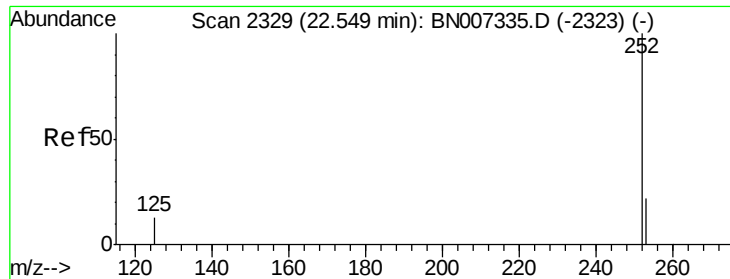
Tgt Ion: 264 Resp: 31190
Ion Ratio Lower Upper
264 100
260 25.4 19.7 29.5
265 39.4 29.9 44.9



#35
Benzo(b)fluoranthene
Concen: 0.669 ng
RT: 22.66 min Scan# 2362
Delta R.T. 0.15 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion: 252 Resp: 75585
Ion Ratio Lower Upper
252 100
253 27.9 19.2 28.8
125 11.3 10.6 16.0

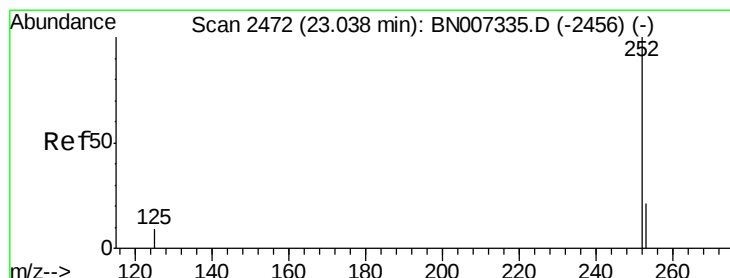
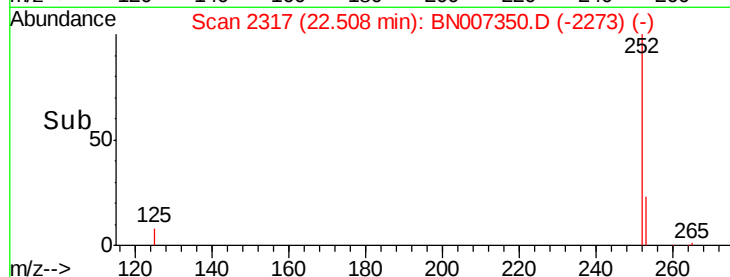
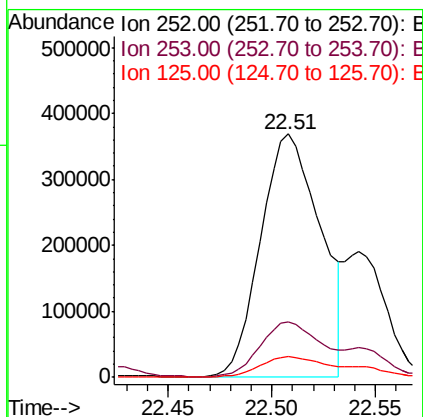
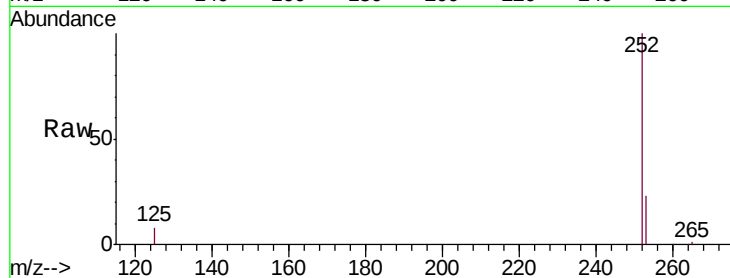




#36
Benzo(k)fluoranthene
Concen: 6.596 ng
RT: 22.51 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

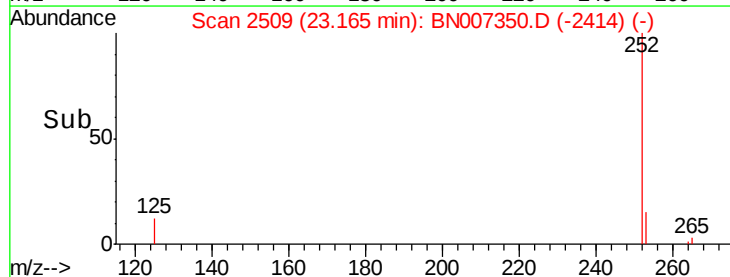
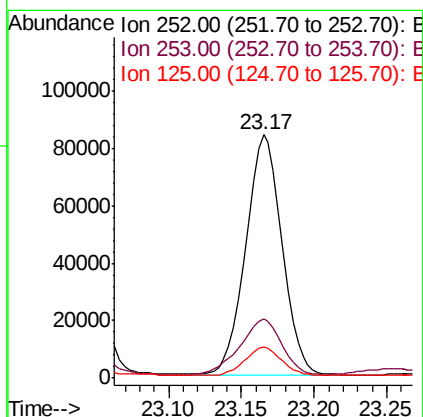
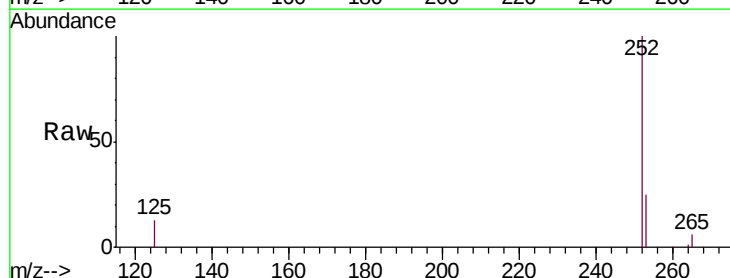
Instrument :
BNA_N
ClientSampleId :
S700-N-0.0-0.5-082019DL

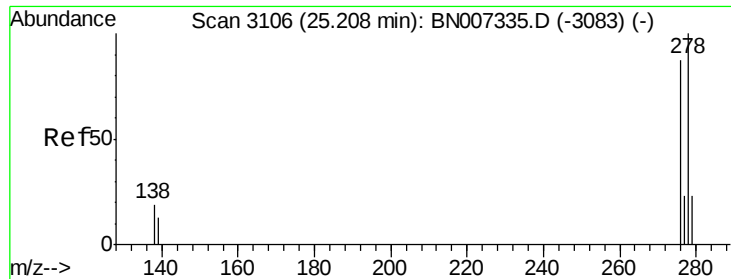
Tgt Ion:252 Resp: 736660
Ion Ratio Lower Upper
252 100
253 23.0 19.4 29.2
125 8.5 13.1 19.7#



#37
Benzo(a)pyrene
Concen: 1.349 ng
RT: 23.17 min Scan# 2509
Delta R.T. 0.13 min
Lab File: BN007350.D
Acq: 24 Aug 2019 05:14

Tgt Ion:252 Resp: 145026
Ion Ratio Lower Upper
252 100
253 24.6 19.5 29.3
125 12.6 12.1 18.1





#38

Dibenzo(a,h)anthracene

Concen: 0.810 ng

RT: 25.19 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

Instrument :

BNA_N

ClientSampleId :

S700-N-0.0-0.5-082019DL

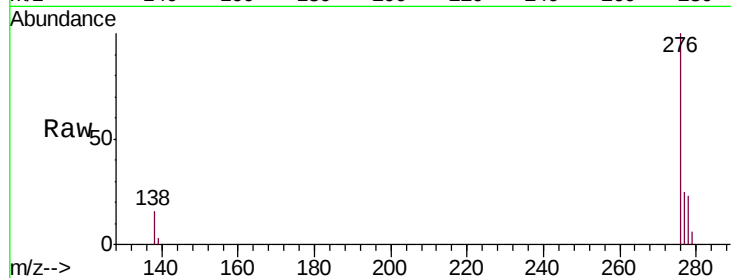
Tgt Ion:278 Resp: 86890

Ion Ratio Lower Upper

278 100

139 14.3 13.7 20.5

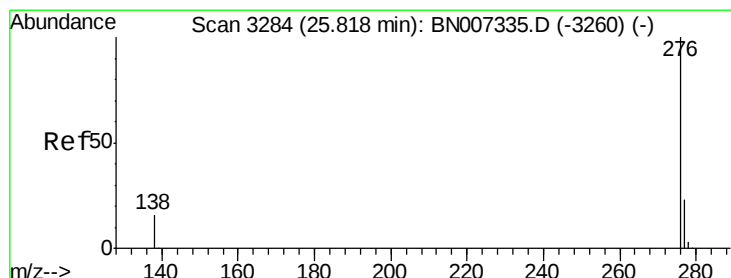
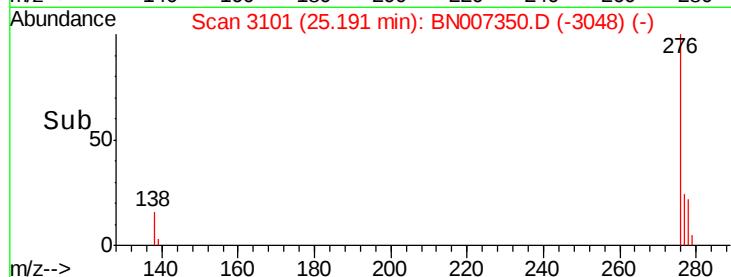
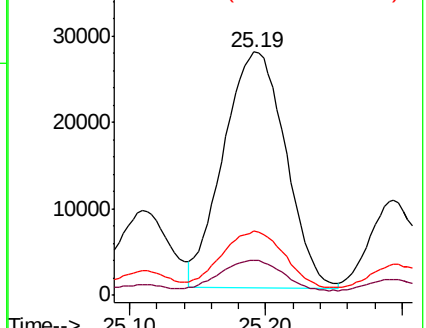
279 26.4 20.2 30.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 3.258 ng

RT: 25.81 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BN007350.D

Acq: 24 Aug 2019 05:14

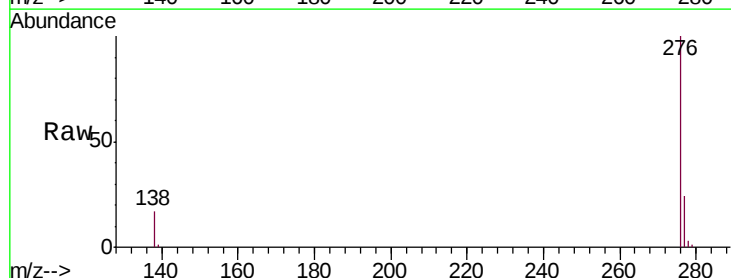
Tgt Ion:276 Resp: 348321

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 16.6 16.3 24.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

