

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
 Data File : BN002199.D
 Acq On : 30 Jul 2018 23:07
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jul 31 01:26:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3102	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12617	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	6691	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	13465	0.40	ng	0.00
27) Chrysene-d12	21.27	240	10743	0.40	ng	0.00
34) Perylene-d12	23.50	264	9998	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2621	0.36	ng	0.00
5) Phenol-d6	6.88	99	3113	0.35	ng	0.00
8) Nitrobenzene-d5	8.84	82	3572	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	6998	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	930	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	10287	0.40	ng	0.00
25) Fluoranthene-d10	19.11	212	11632	0.35	ng	0.00
29) Terphenyl-d14	19.71	244	8896	0.39	ng	0.00

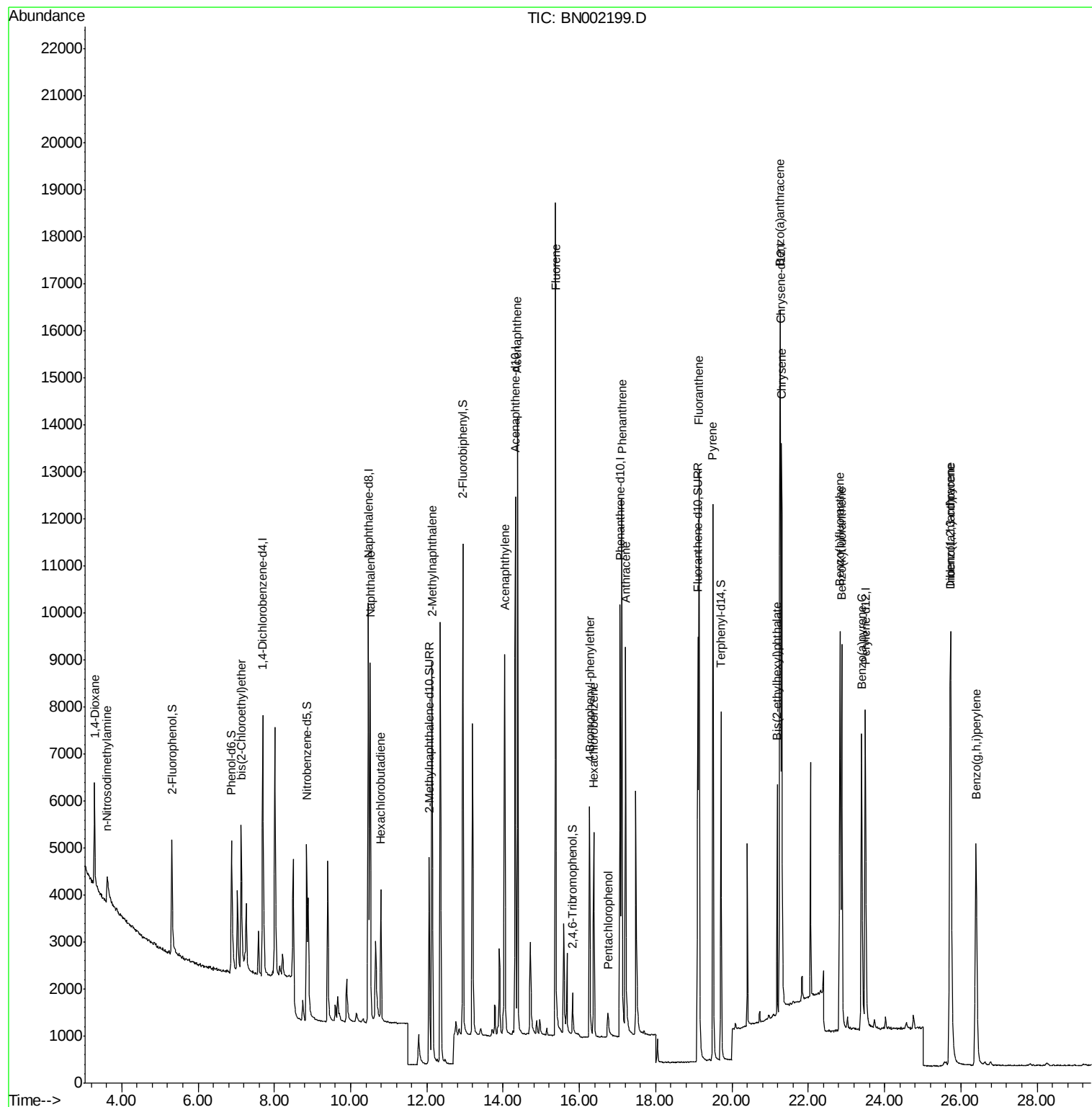
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1300	0.372	ng	98
3) n-Nitrosodimethylamine	3.62	42	719	0.340	ng	# 86
6) bis(2-Chloroethyl)ether	7.13	93	3147	0.372	ng	91
9) Naphthalene	10.52	128	11082	0.390	ng	96
10) Hexachlorobutadiene	10.80	225	2448	0.398	ng	# 55
12) 2-Methylnaphthalene	12.14	142	7294	0.379	ng	98
16) Acenaphthylene	14.04	152	10727	0.375	ng	100
17) Acenaphthene	14.38	154	7160	0.389	ng	97
18) Fluorene	15.37	166	8405	0.372	ng	# 80
20) 4-Bromophenyl-phenylether	16.27	248	2975	0.390	ng	# 78
21) Hexachlorobenzene	16.38	284	3445	0.409	ng	95
22) Pentachlorophenol	16.75	266	486	0.324	ng	87
23) Phenanthrene	17.11	178	12745	0.380	ng	99
24) Anthracene	17.21	178	9947	0.359	ng	96
26) Fluoranthene	19.14	202	12645	0.347	ng	# 97
28) Pyrene	19.50	202	12718	0.400	ng	100
30) Benzo(a)anthracene	21.26	228	10033	0.371	ng	95
31) Chrysene	21.30	228	11884	0.393	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	4199	0.340	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.72	276	12736	0.447	ng	# 93
35) Benzo(b)fluoranthene	22.83	252	11234	0.382	ng	# 92
36) Benzo(k)fluoranthene	22.87	252	11586	0.380	ng	# 93
37) Benzo(a)pyrene	23.40	252	10475	0.393	ng	# 92
38) Dibenzo(a,h)anthracene	25.74	278	10466	0.404	ng	95
39) Benzo(g,h,i)perylene	26.40	276	10809	0.408	ng	# 90

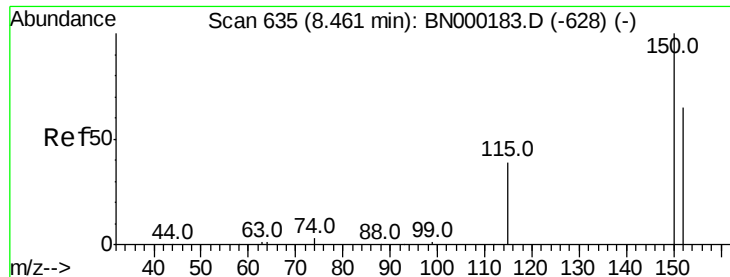
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
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QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

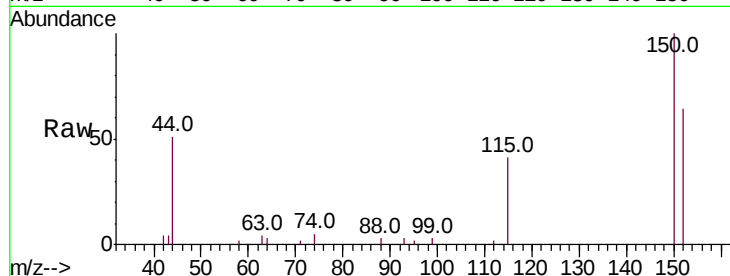
Tot Ion:152 Resp: 3102

Ion Ratio Lower Upper

152 100

150 155.4 117.2 175.8

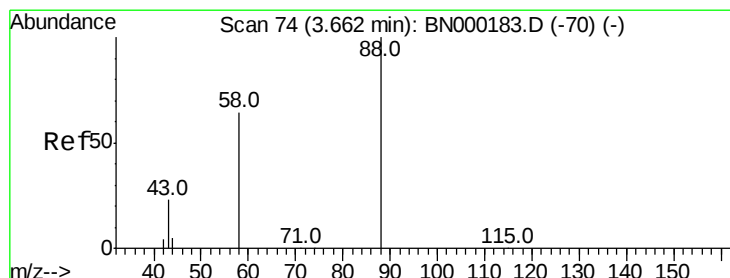
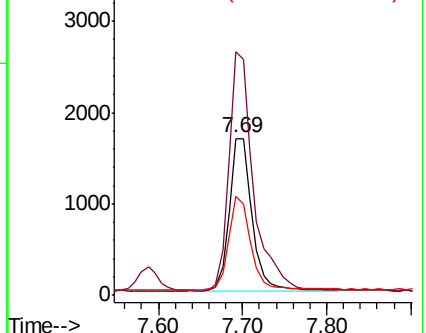
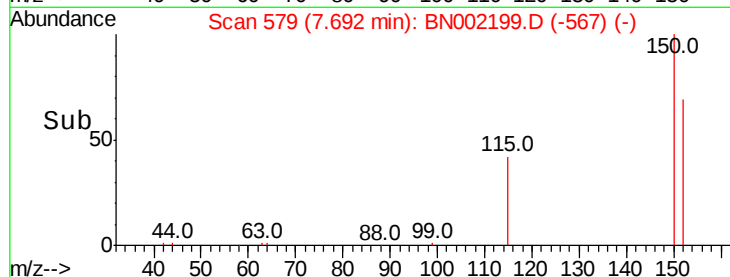
115 63.1 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.372 ng

RT: 3.29 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

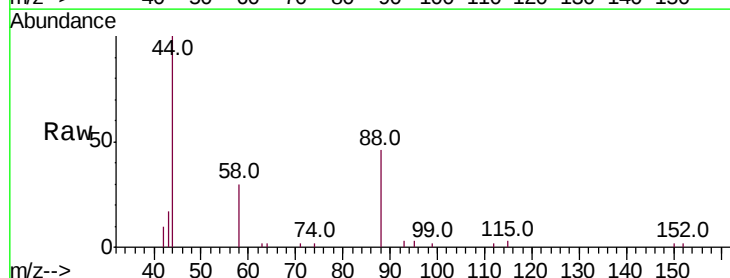
Tgt Ion: 88 Resp: 1300

Ion Ratio Lower Upper

88 100

58 88.3 72.0 108.0

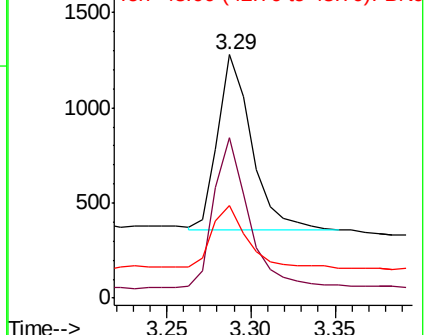
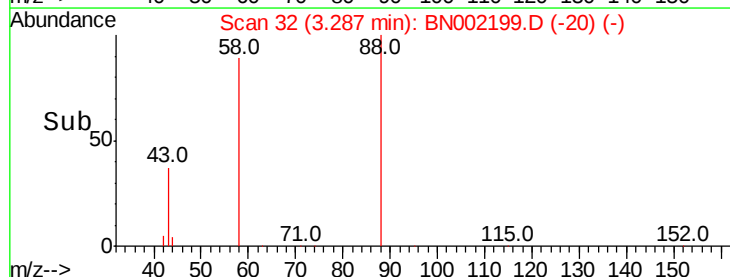
43 37.2 28.0 42.0

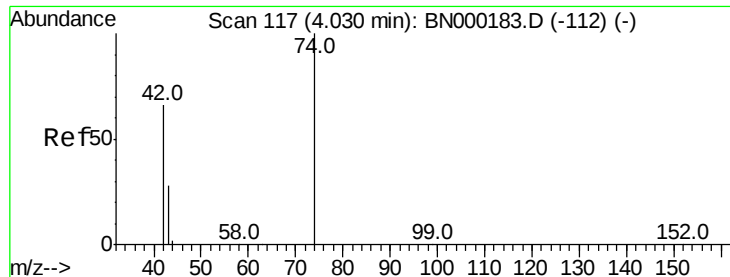


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.340 ng

RT: 3.62 min Scan# 73

Delta R.T. 0.01 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

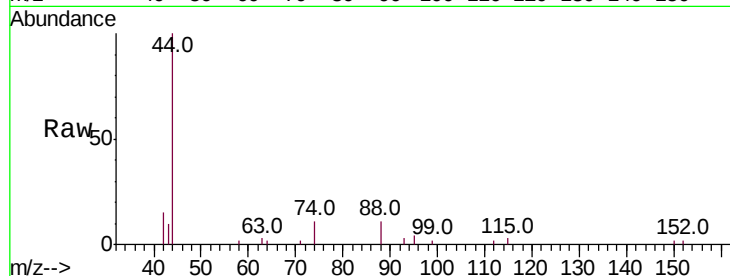
Tot Ion: 42 Resp: 719

Ion Ratio Lower Upper

42 100

74 100.4 88.0 132.0

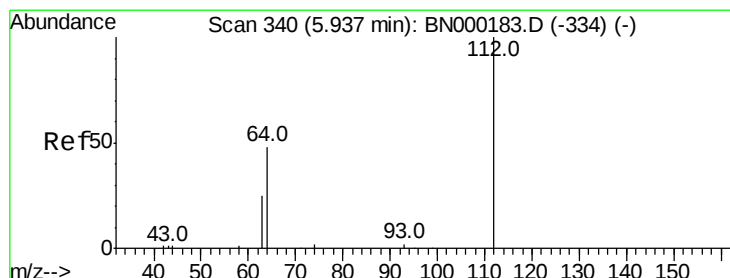
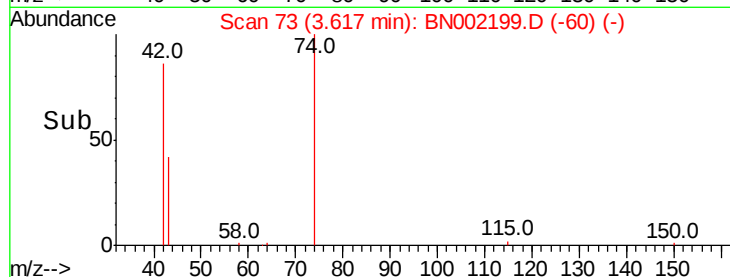
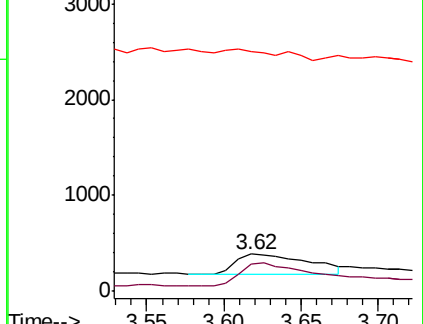
44 0.0 16.0 24.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.362 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.01 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

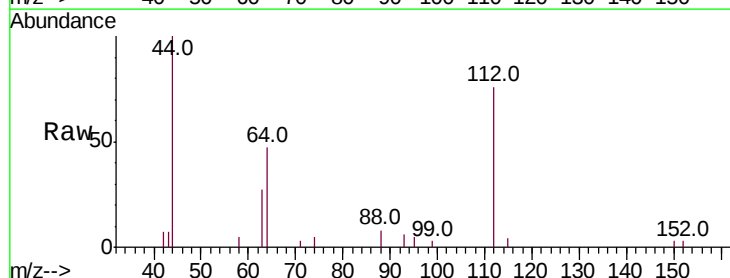
Tgt Ion: 112 Resp: 2621

Ion Ratio Lower Upper

112 100

64 66.1 60.1 90.1

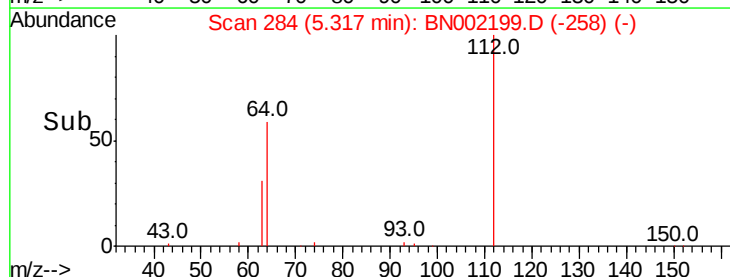
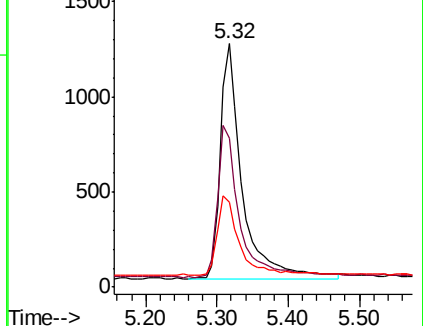
63 35.1 116.8 175.2#

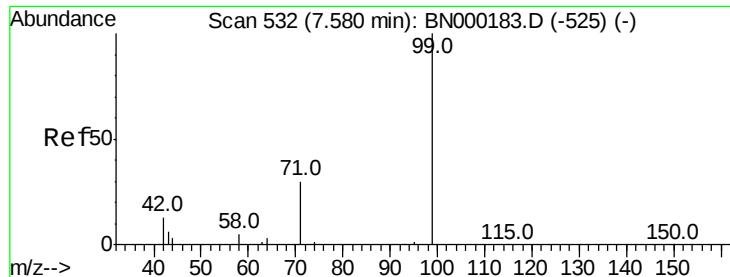


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.354 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

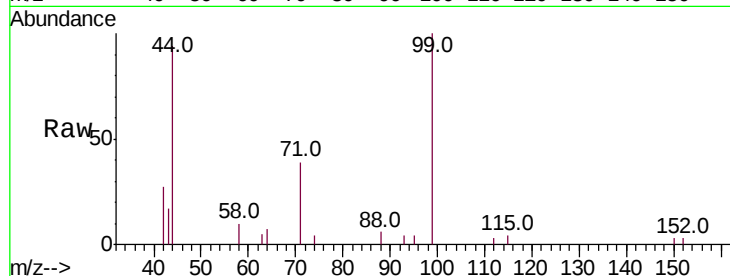
Tot Ion: 99 Resp: 3113

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

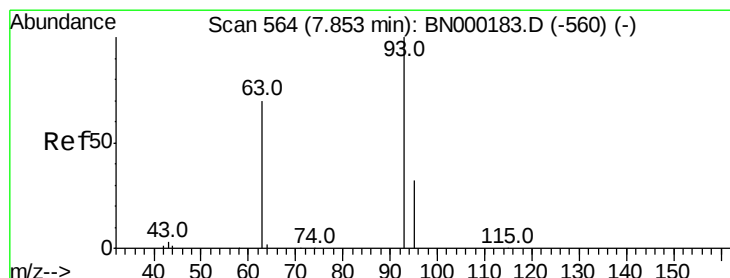
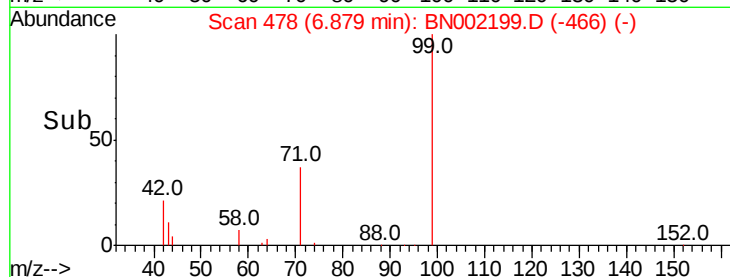
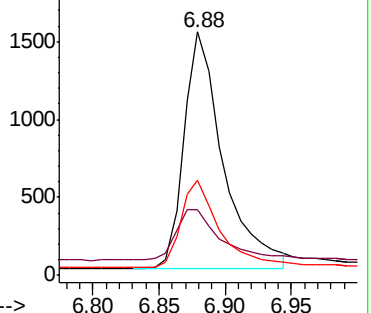
71 36.7 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN000183.D (-525) (-)

Ion 42.00 (41.70 to 42.70): BN000183.D (-525) (-)

Ion 71.00 (70.70 to 71.70): BN000183.D (-525) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.372 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

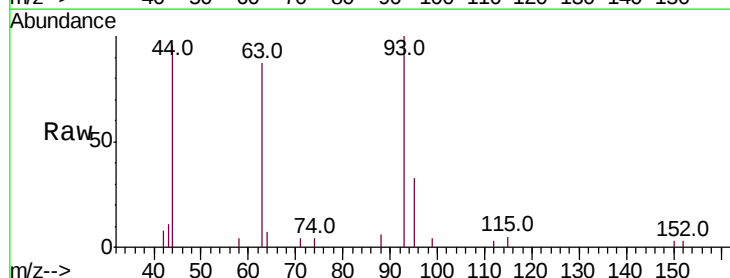
Tgt Ion: 93 Resp: 3147

Ion Ratio Lower Upper

93 100

63 80.6 56.0 84.0

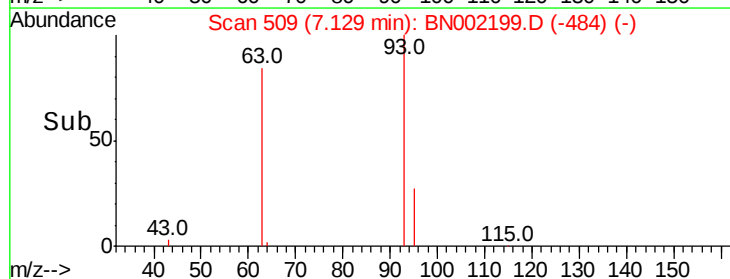
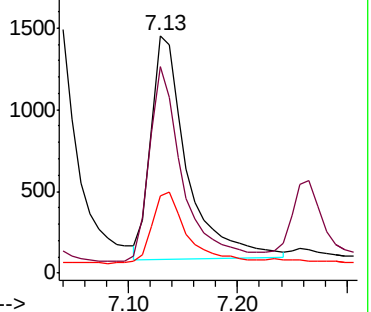
95 31.6 25.2 37.8

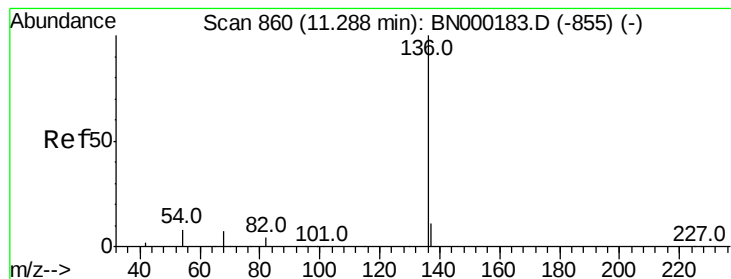


Abundance Ion 93.00 (92.70 to 93.70): BN000183.D (-560) (-)

Ion 63.00 (62.70 to 63.70): BN000183.D (-560) (-)

Ion 95.00 (94.70 to 95.70): BN000183.D (-560) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 12617

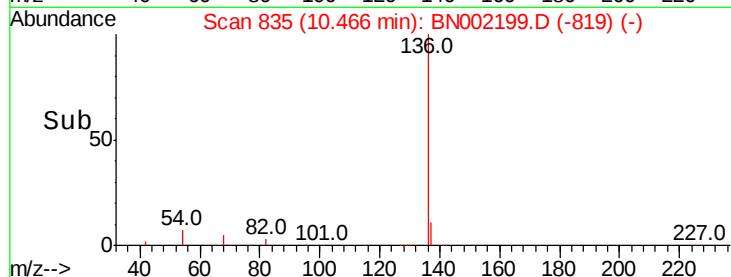
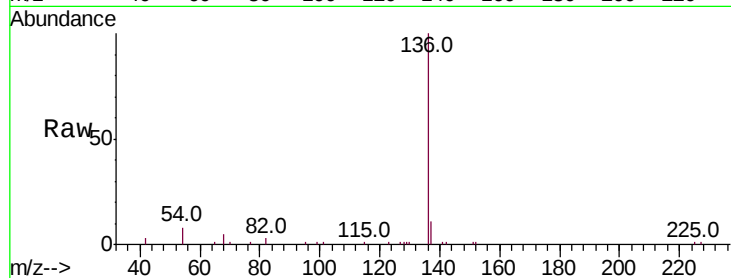
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 7.7 29.1 43.7#

68 5.3 6.2 9.2#

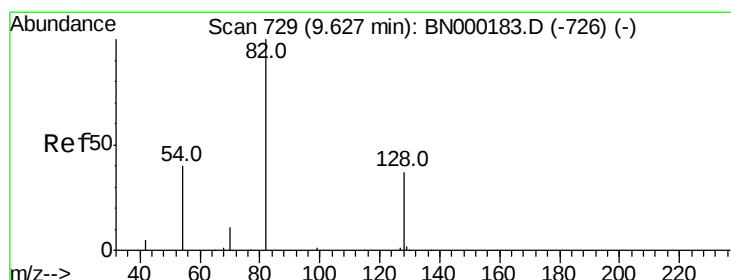
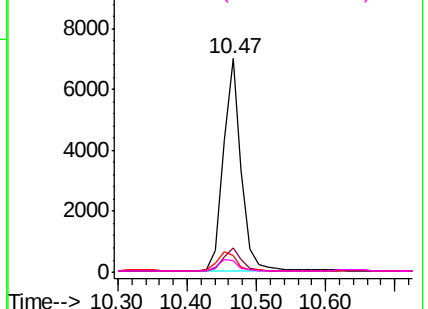


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

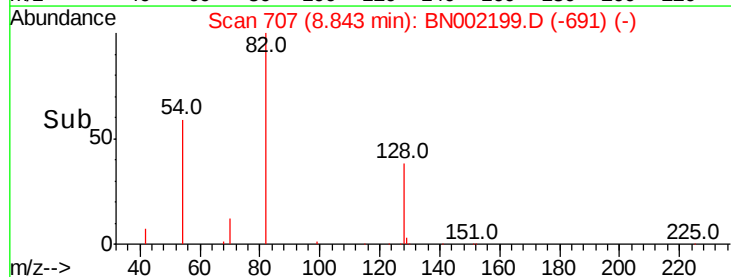
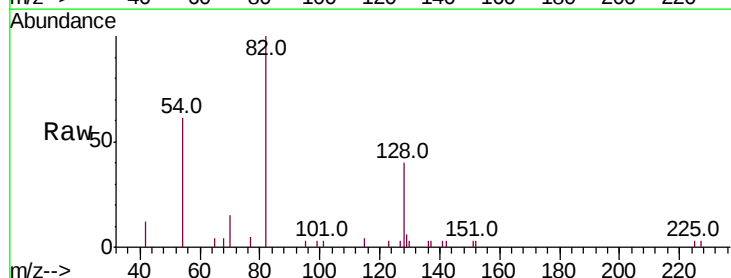
Tgt Ion: 82 Resp: 3572

Ion Ratio Lower Upper

82 100

128 40.1 150.0 225.0#

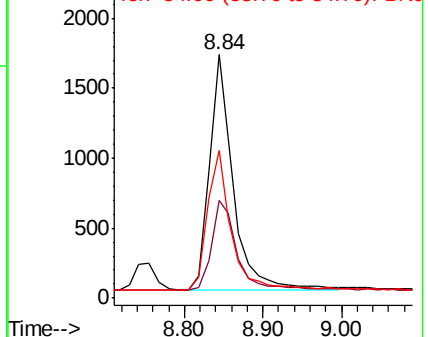
54 60.8 154.2 231.4#

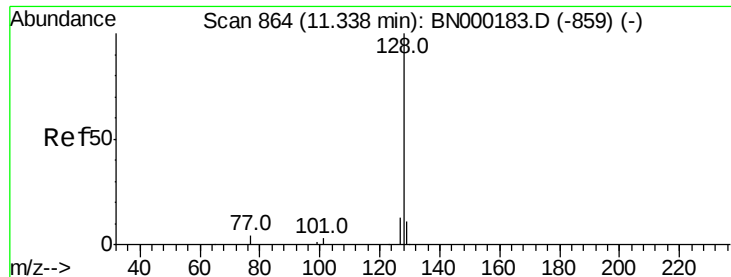


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.390 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

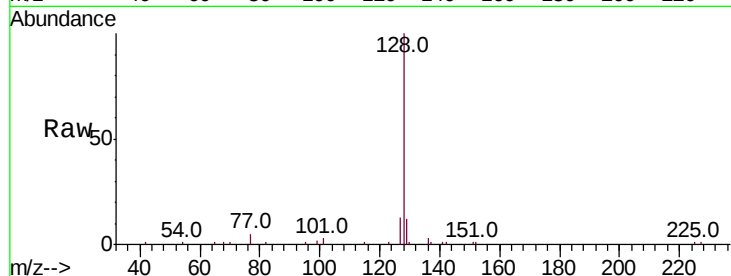
Tot Ion:128 Resp: 11082

Ion Ratio Lower Upper

128 100

129 11.8 8.0 12.0

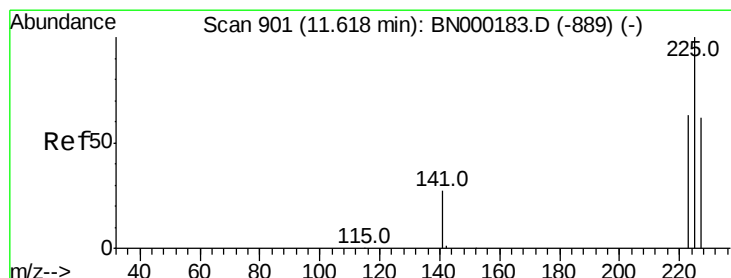
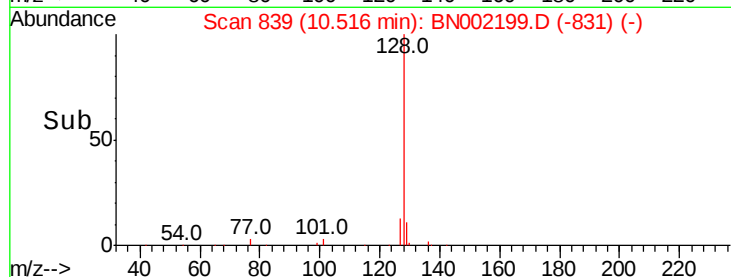
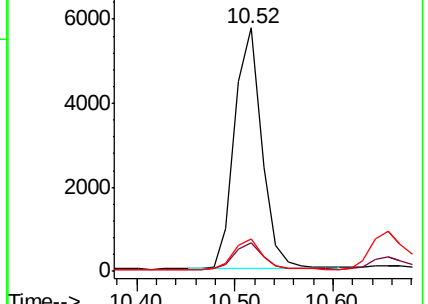
127 13.5 9.6 14.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.398 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

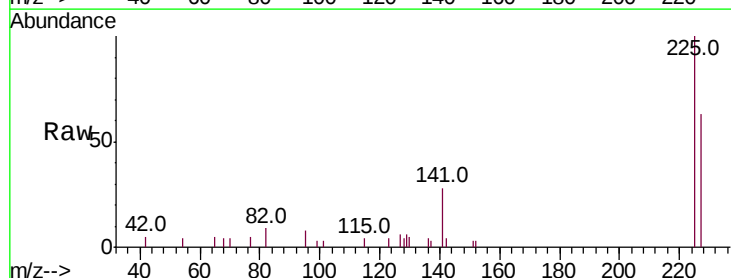
Tgt Ion:225 Resp: 2448

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

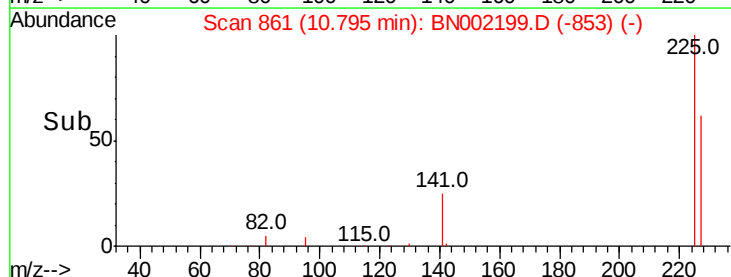
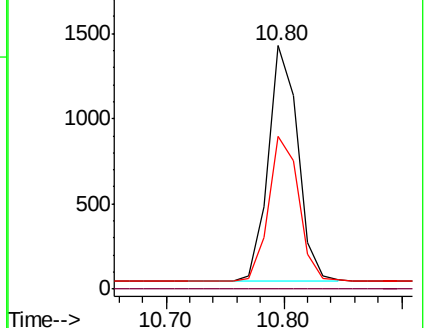
227 63.1 48.0 72.0

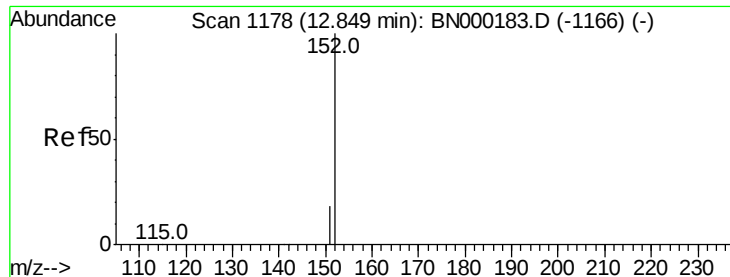


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

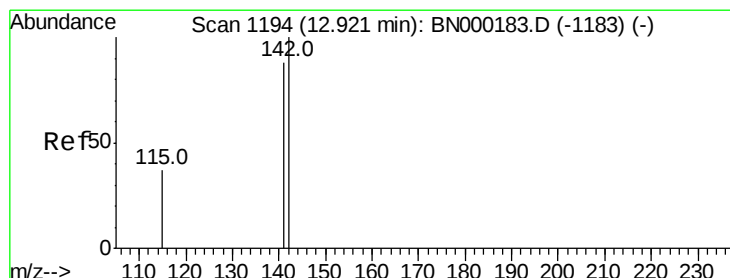
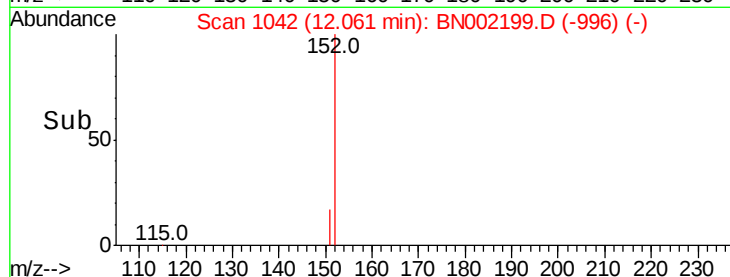
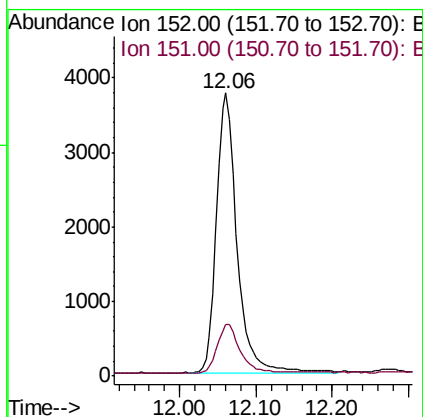
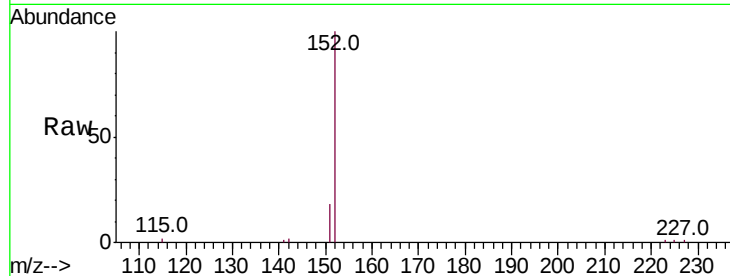




#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.06 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BN002199.D
Acq: 30 Jul 2018 23:07

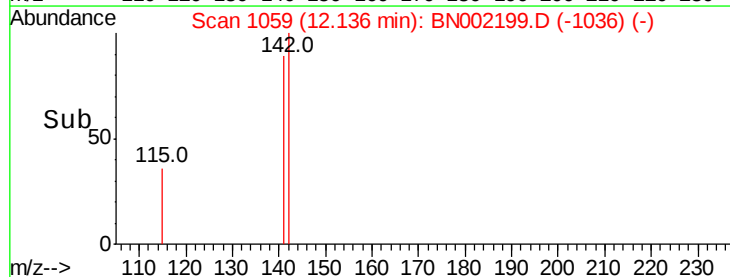
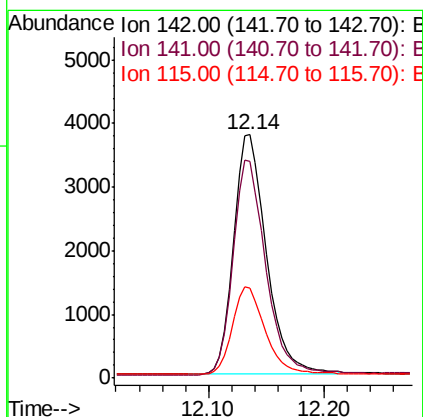
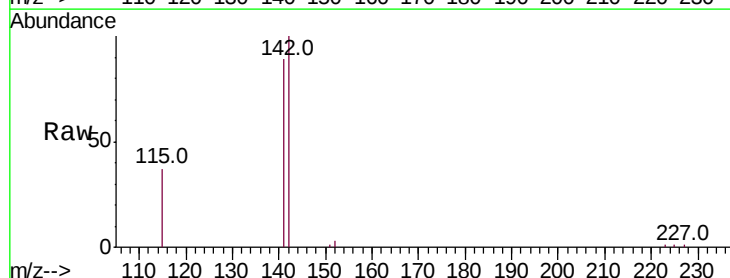
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

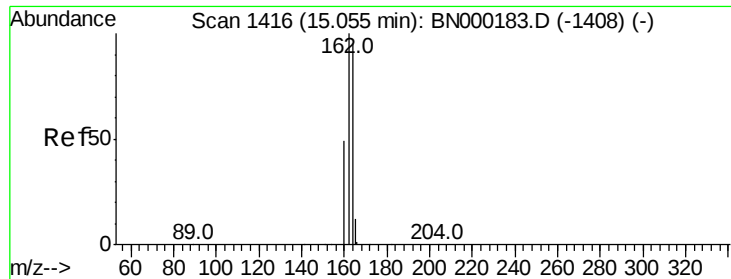
Tot Ion:152 Resp: 6998
Ion Ratio Lower Upper
152 100
151 18.7 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.14 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BN002199.D
Acq: 30 Jul 2018 23:07

Tgt Ion:142 Resp: 7294
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6
115 37.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

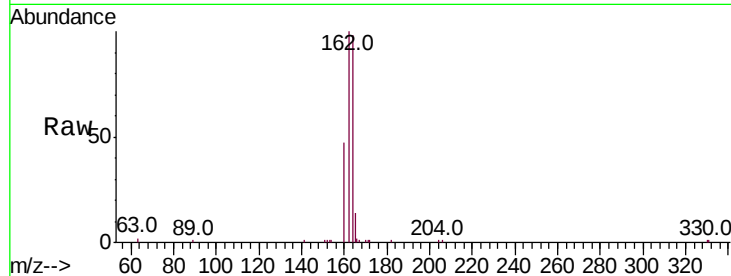
Tot Ion:164 Resp: 6691

Ion Ratio Lower Upper

164 100

162 102.4 83.1 124.7

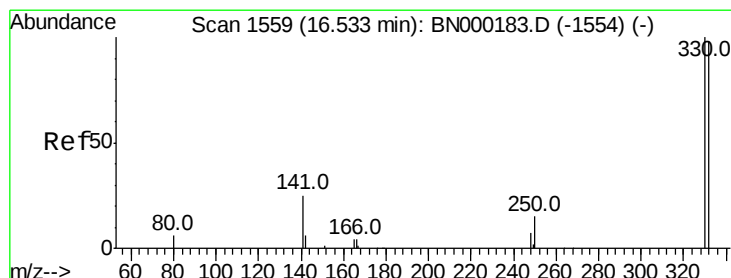
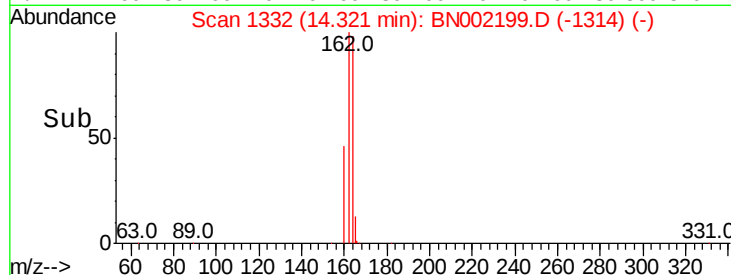
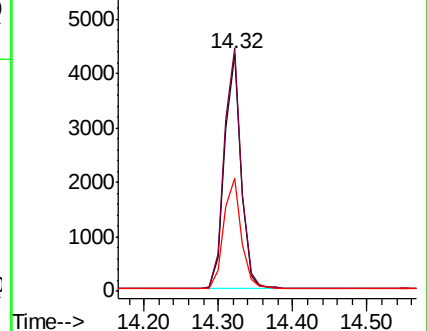
160 47.6 37.1 55.7



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: 0.325 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

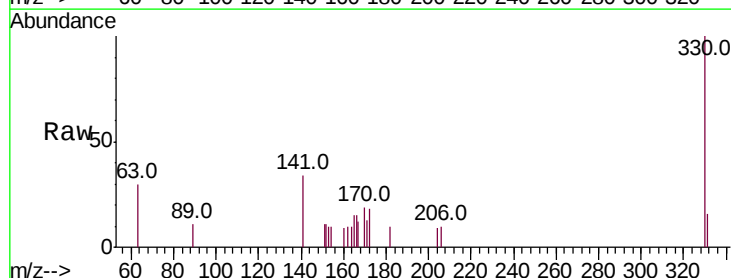
Tgt Ion:330 Resp: 930

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

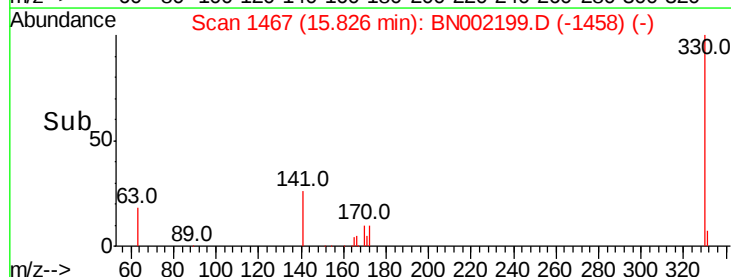
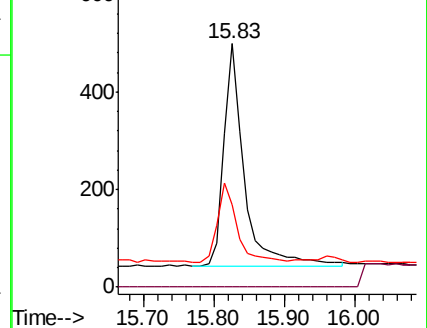
141 34.3 33.7 50.5

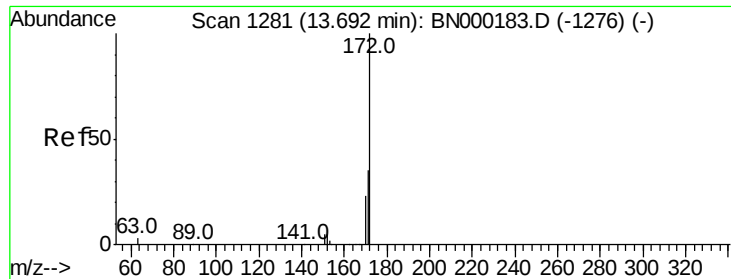


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

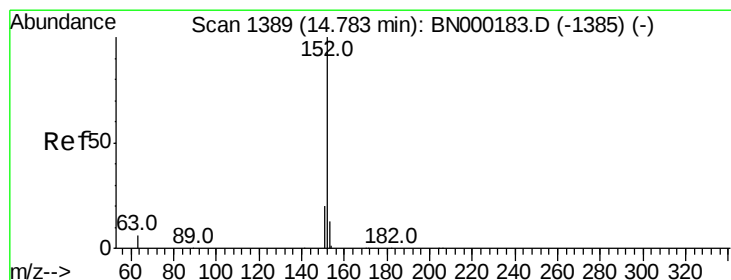
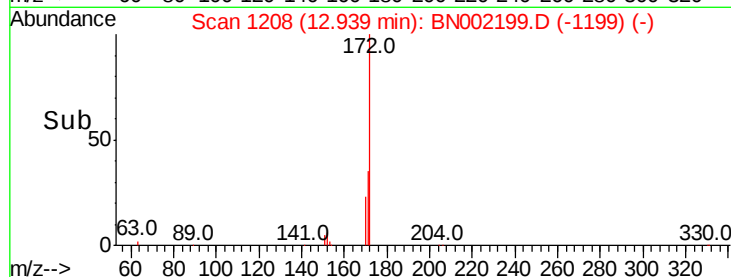
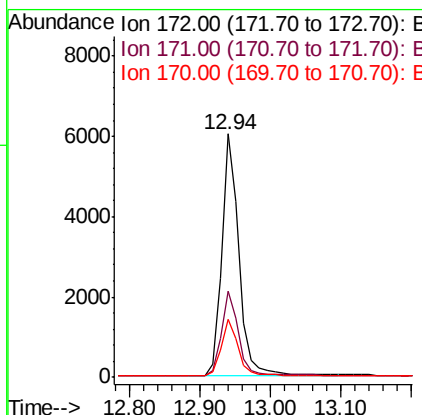
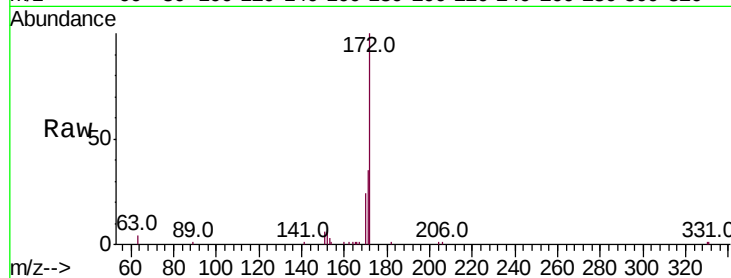




#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002199.D
Acq: 30 Jul 2018 23:07

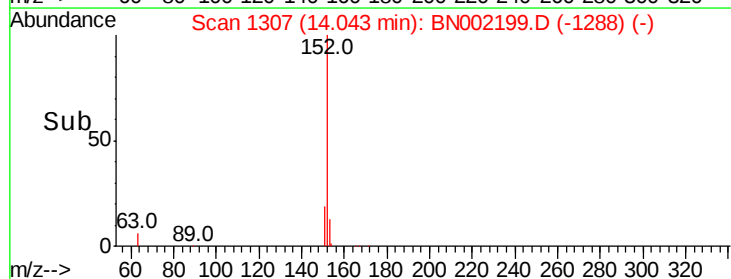
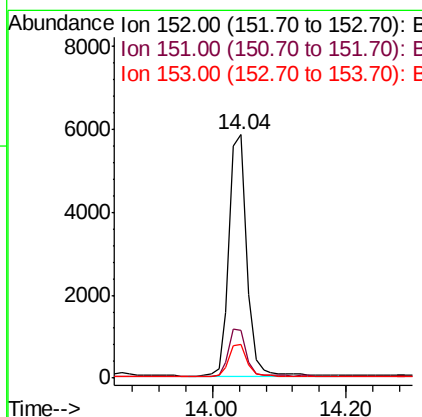
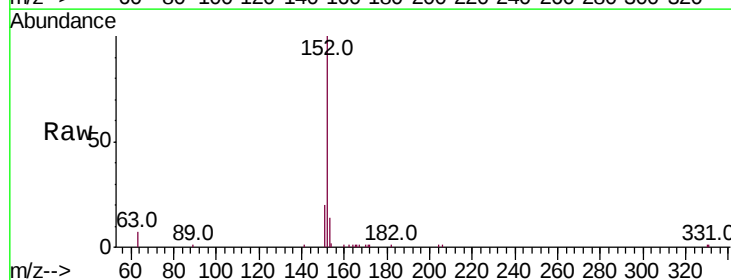
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

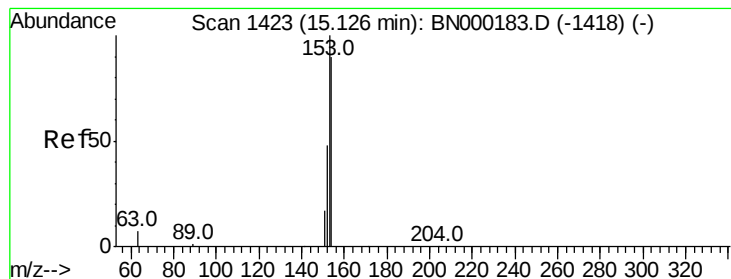
Tot Ion:172 Resp: 10287
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 23.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN002199.D
Acq: 30 Jul 2018 23:07

Tgt Ion:152 Resp: 10727
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.389 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

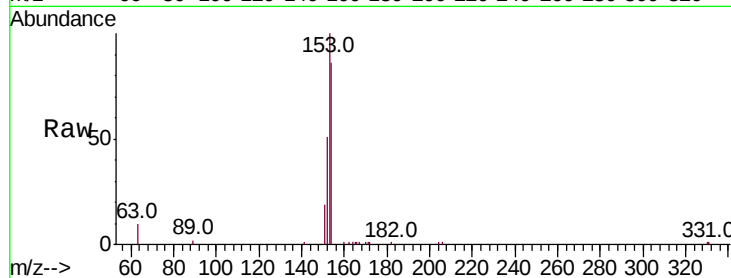
Tot Ion:154 Resp: 7160

Ion Ratio Lower Upper

154 100

153 113.4 89.2 133.8

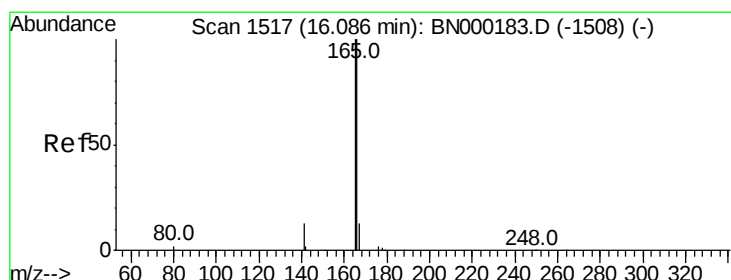
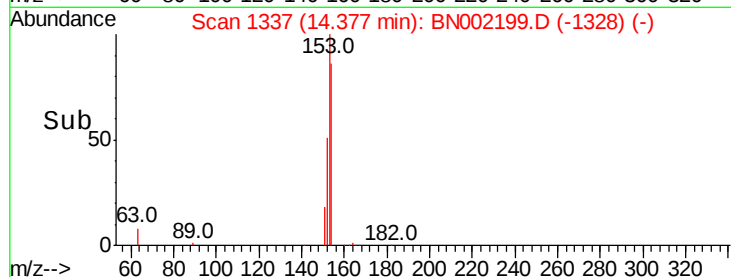
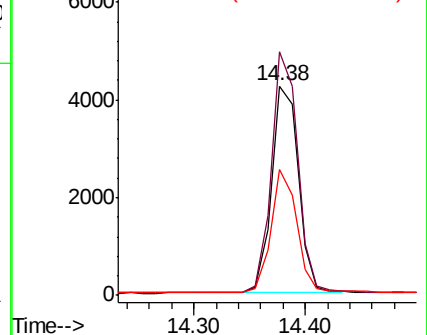
152 56.7 42.0 63.0



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: 0.372 ng

RT: 15.37 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

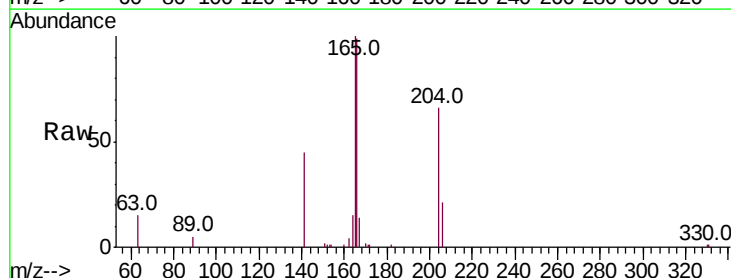
Tgt Ion:166 Resp: 8405

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.6

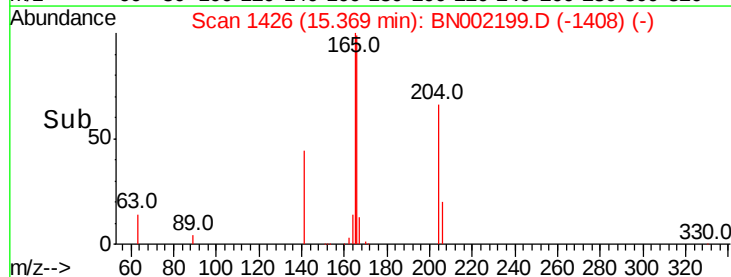
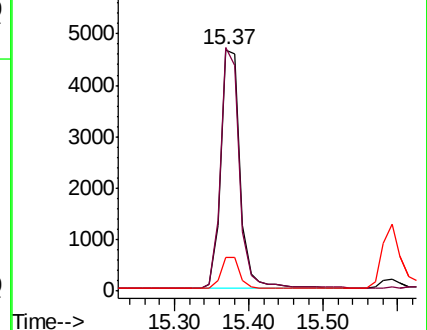
167 13.3 42.4 63.6#

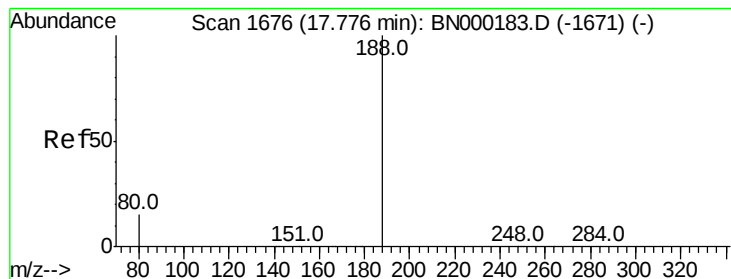


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

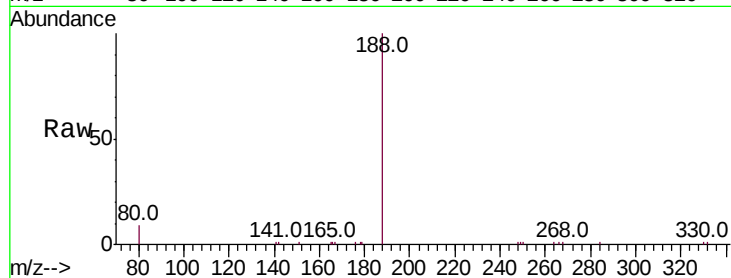
Tot Ion:188 Resp: 13465

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

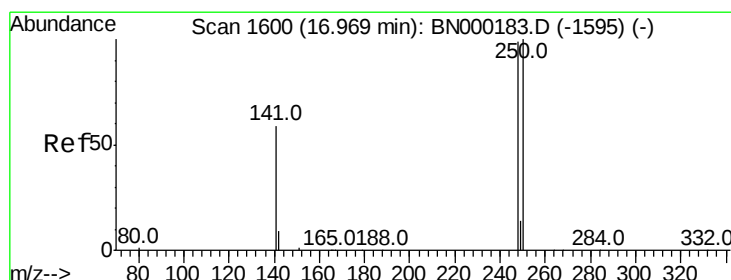
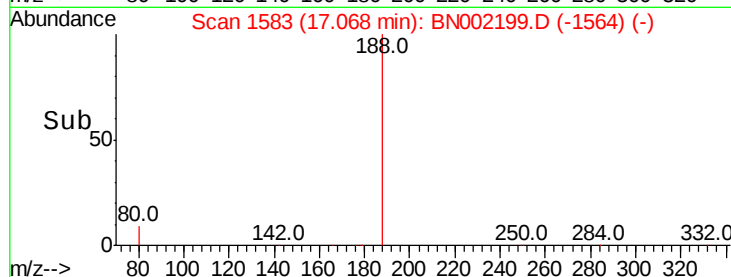
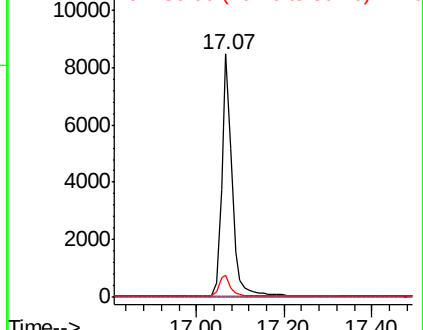
80 9.2 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.390 ng

RT: 16.27 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

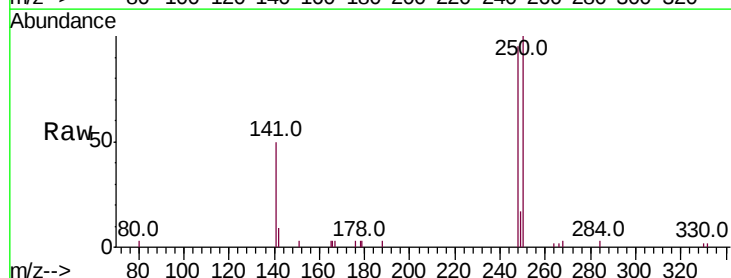
Tgt Ion:248 Resp: 2975

Ion Ratio Lower Upper

248 100

250 104.8 62.7 94.1#

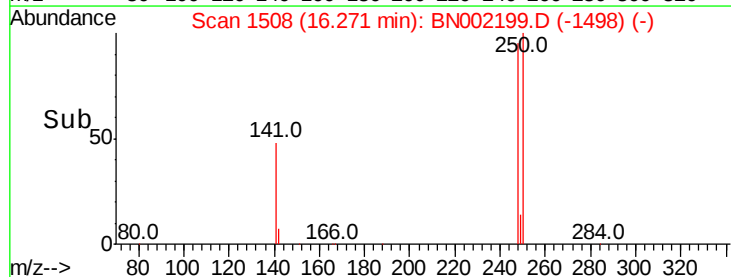
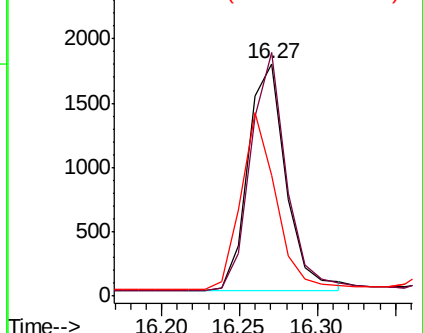
141 52.0 48.2 72.2

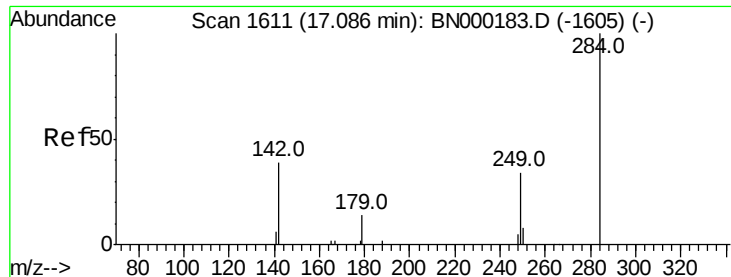


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

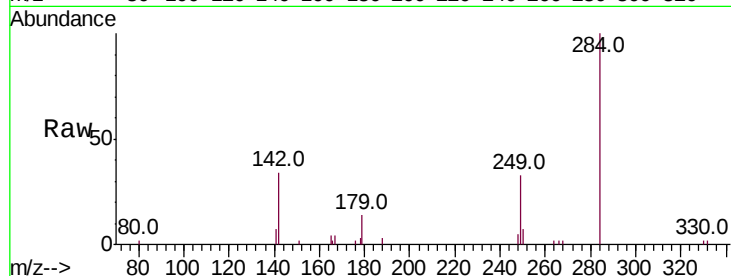




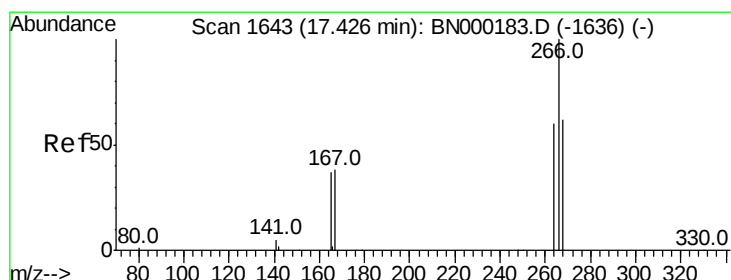
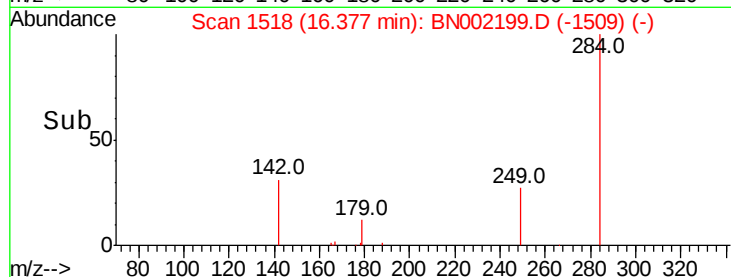
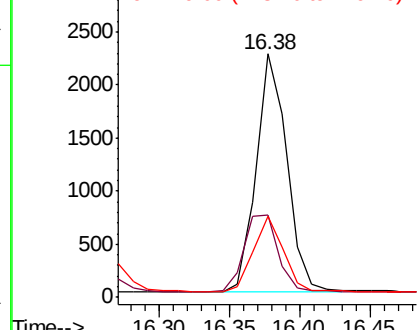
#21
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002199.D
Acq: 30 Jul 2018 23:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 3445
Ion Ratio Lower Upper
284 100
142 35.9 32.0 48.0
249 31.1 24.0 36.0

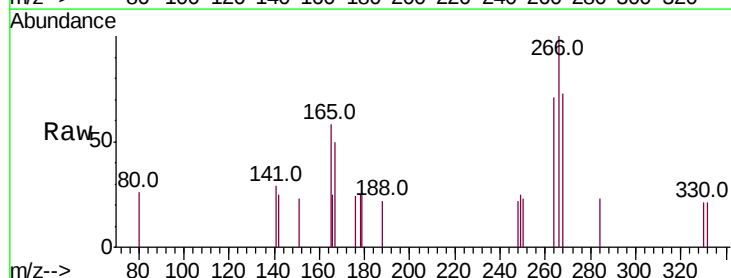


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

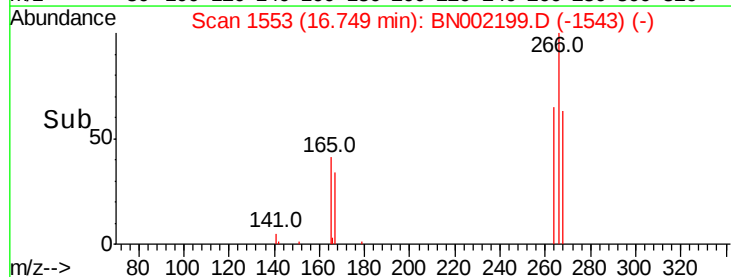
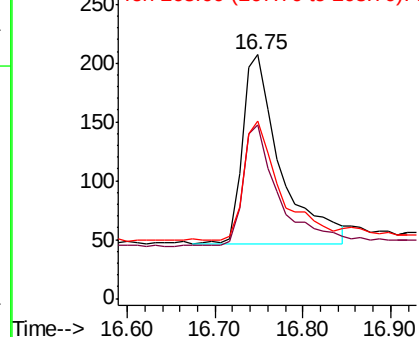


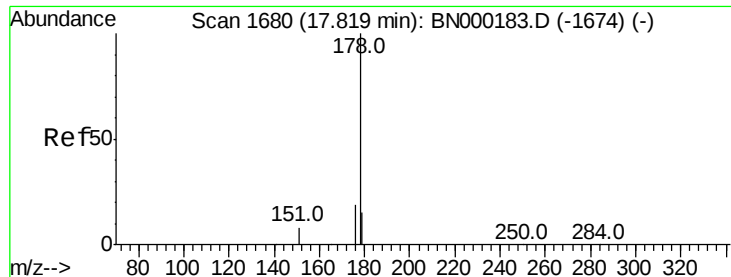
#22
Pentachlorophenol
Concen: 0.324 ng
RT: 16.75 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BN002199.D
Acq: 30 Jul 2018 23:07

Tgt Ion:266 Resp: 486
Ion Ratio Lower Upper
266 100
264 71.5 48.0 72.0
268 72.9 52.0 78.0



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

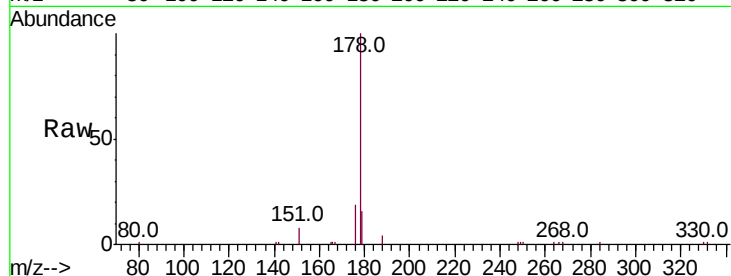
Tot Ion:178 Resp: 12745

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

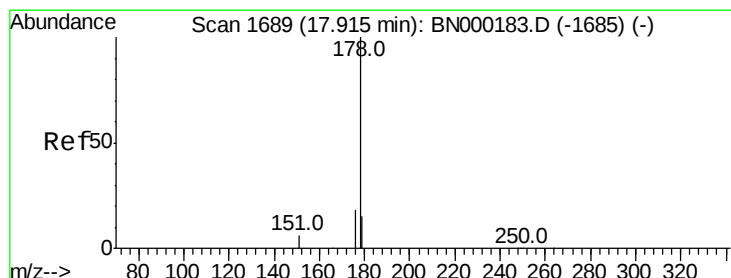
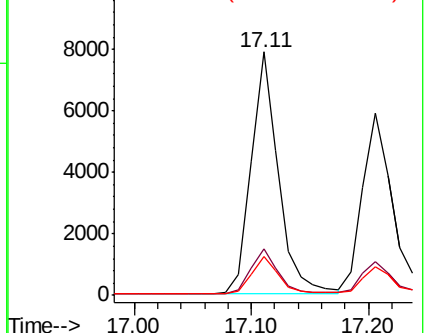
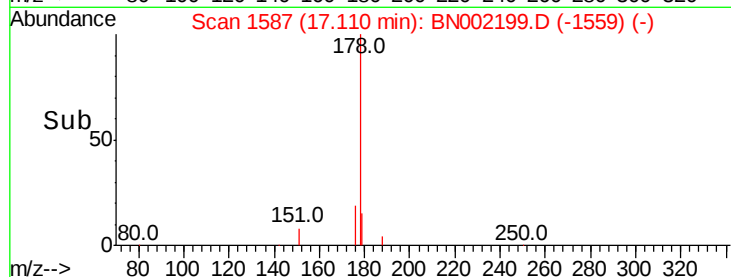
179 15.5 11.8 17.6



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



#24

Anthracene

Concen: 0.359 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

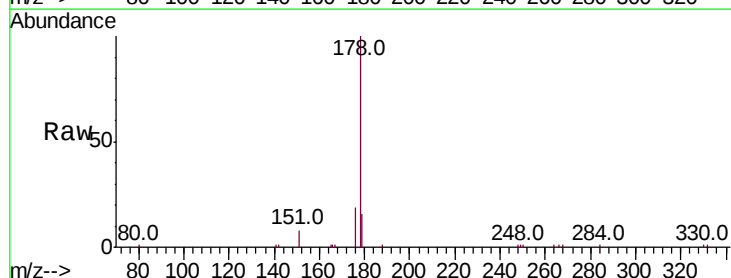
Tgt Ion:178 Resp: 9947

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

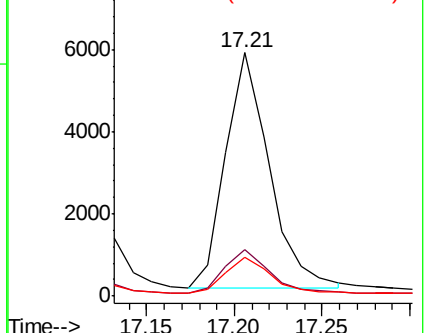
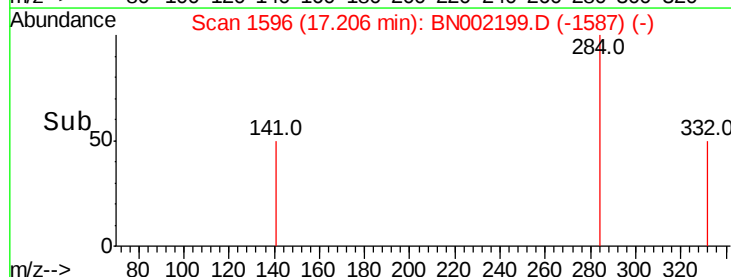
179 15.2 13.0 19.6

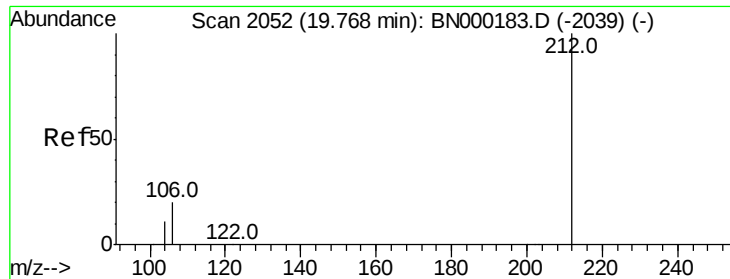


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

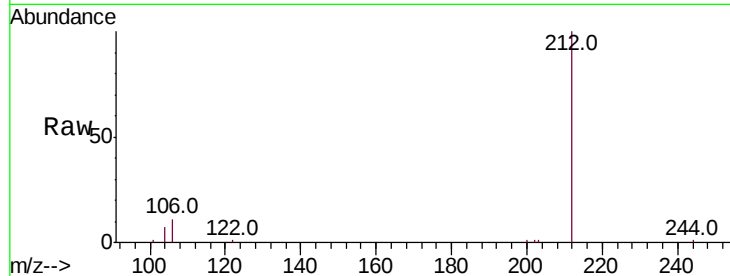
Tot Ion:212 Resp: 11632

Ion Ratio Lower Upper

212 100

106 11.3 2.8 4.2#

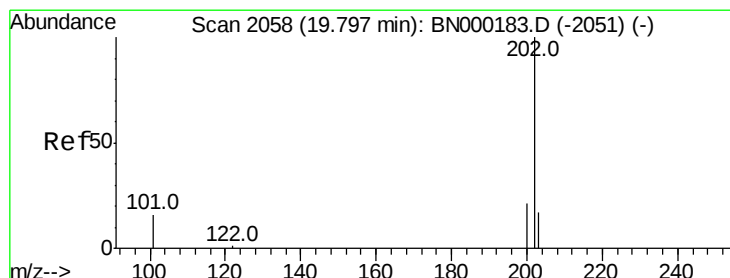
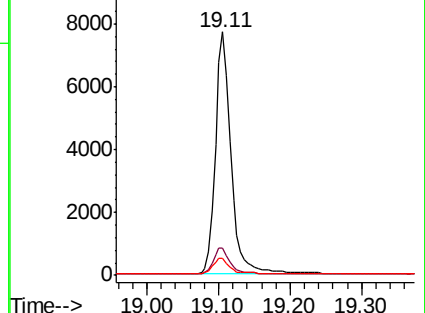
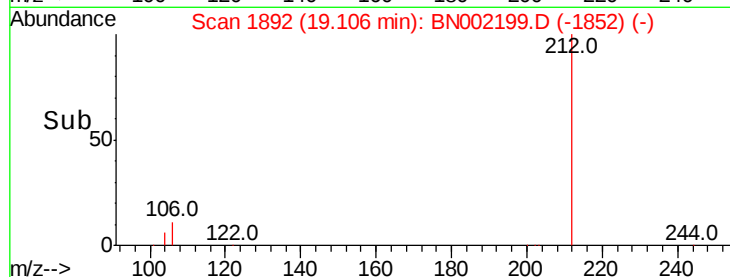
104 6.4 1.6 2.4#



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: 0.347 ng

RT: 19.14 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

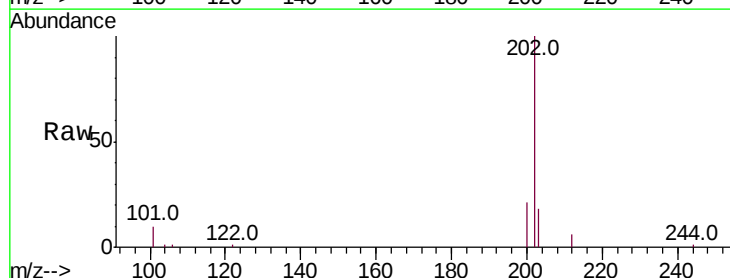
Tgt Ion:202 Resp: 12645

Ion Ratio Lower Upper

202 100

101 9.7 9.8 14.8#

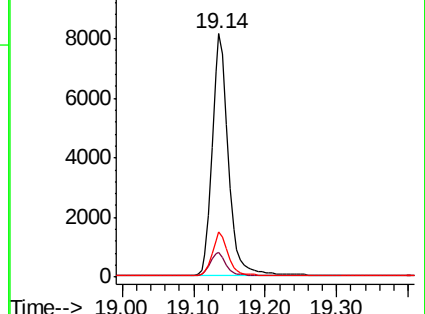
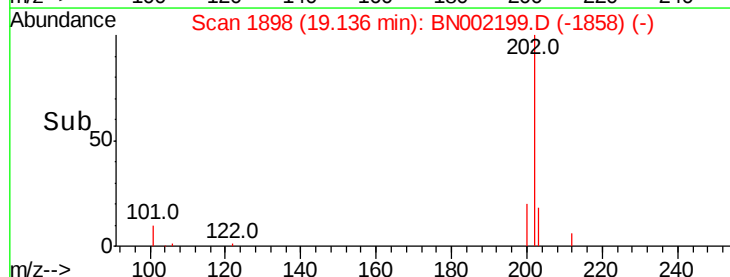
203 17.2 13.7 20.5

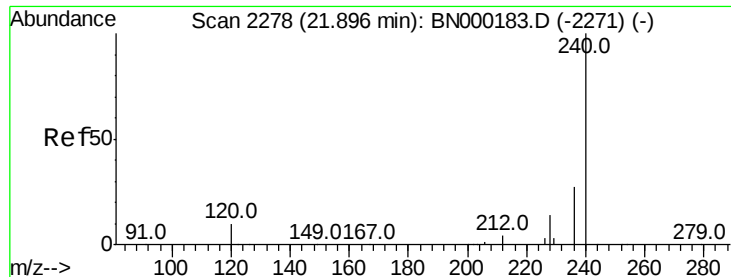


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

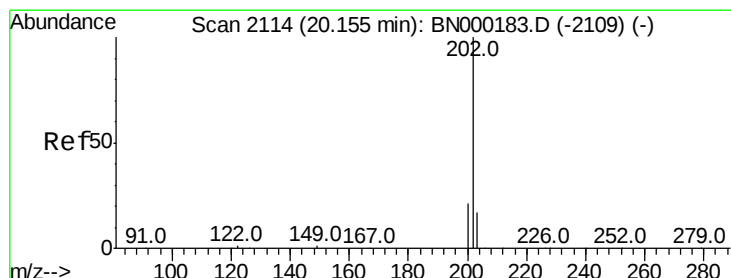
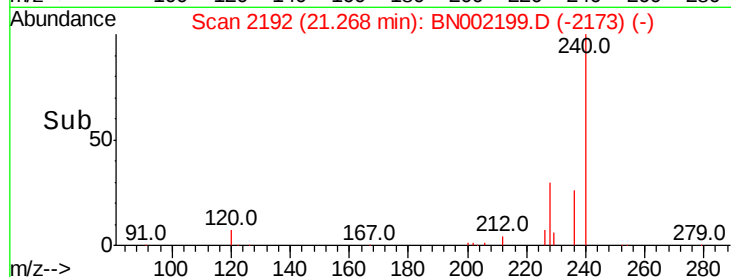
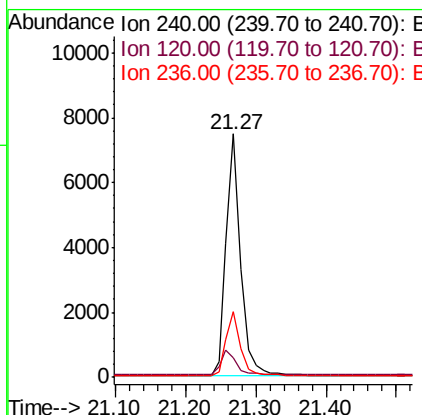
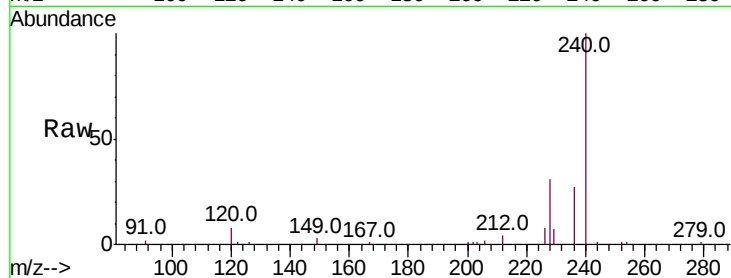




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BN002199.D
 Acq: 30 Jul 2018 23:07

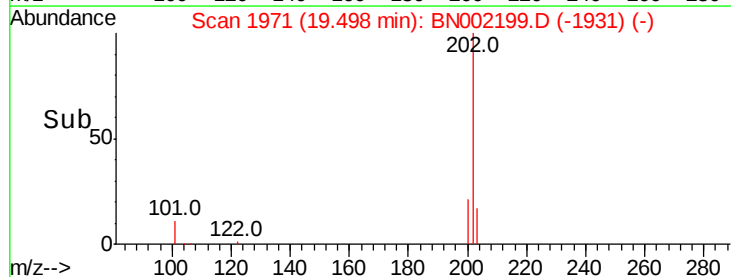
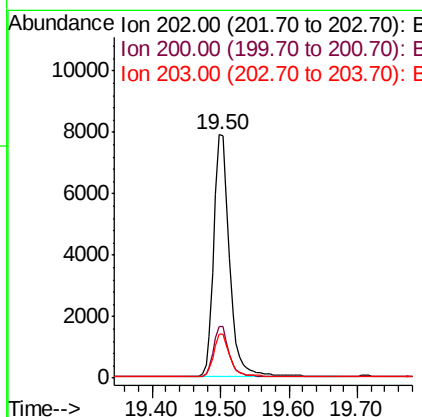
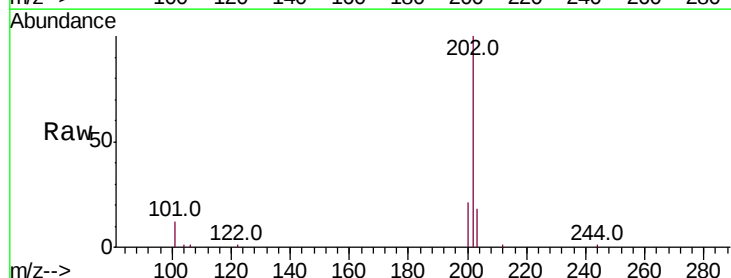
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

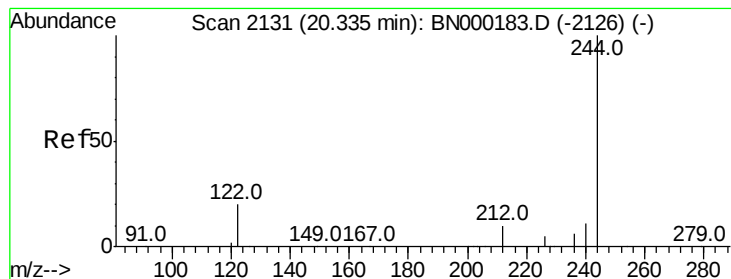
Tot Ion:240 Resp: 10743
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.5 8.3
 236 26.7 20.7 31.1



#28
 Pyrene
 Concen: 0.400 ng
 RT: 19.50 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BN002199.D
 Acq: 30 Jul 2018 23:07

Tgt Ion:202 Resp: 12718
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.6 25.0
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

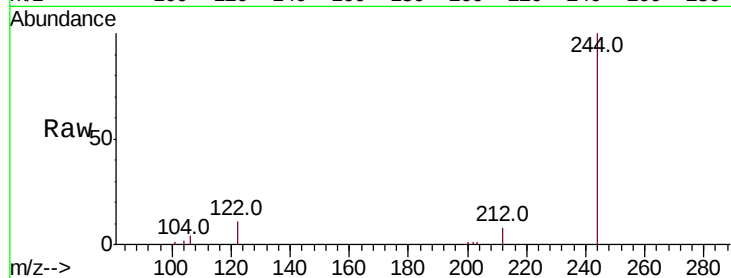
Tot Ion:244 Resp: 8896

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

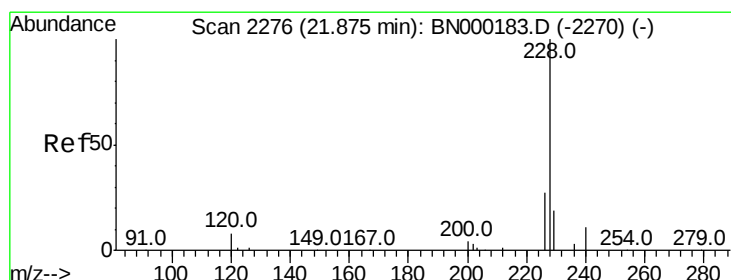
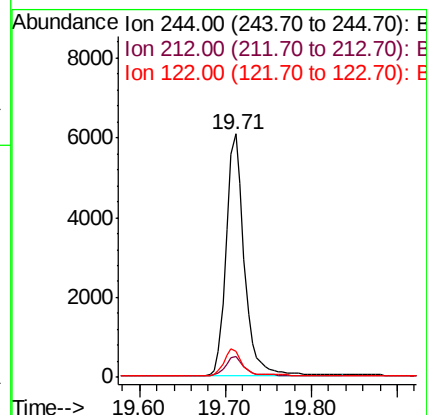
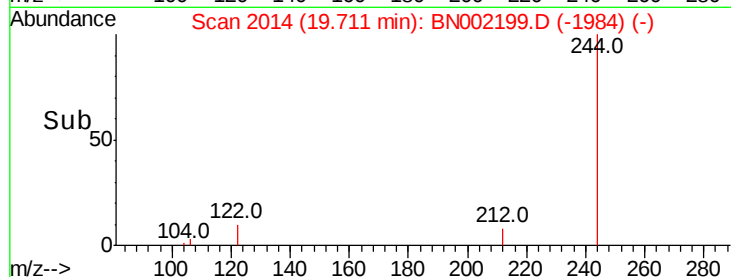
122 10.8 8.1 12.1



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: 0.371 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

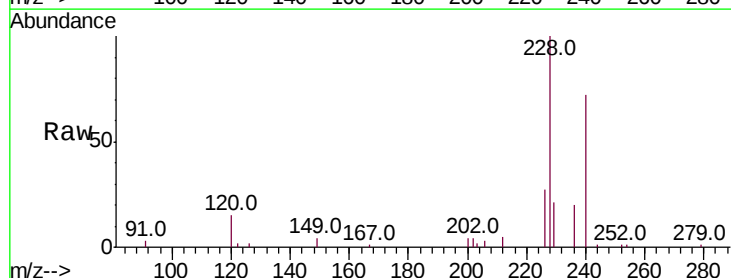
Tgt Ion:228 Resp: 10033

Ion Ratio Lower Upper

228 100

226 26.5 24.0 36.0

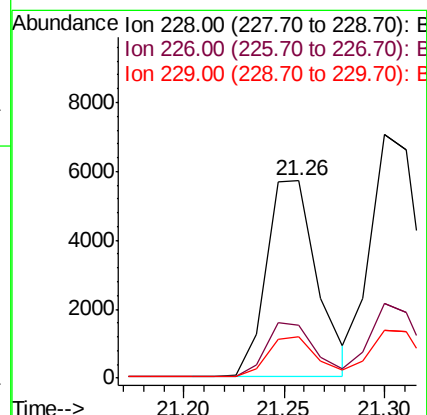
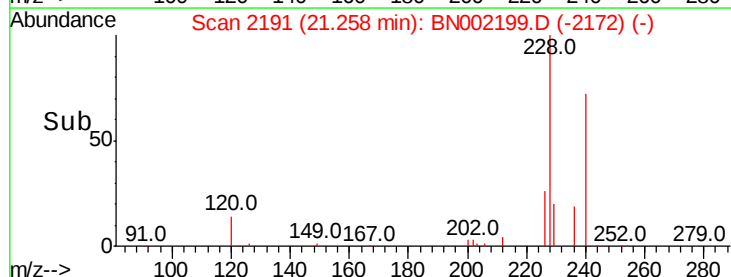
229 21.0 16.0 24.0

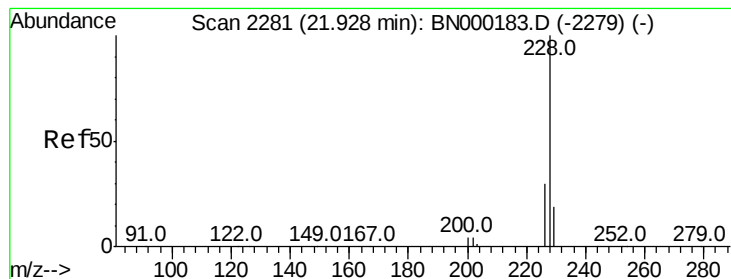


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.393 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

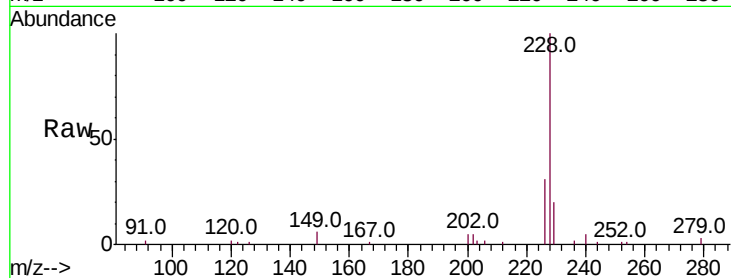
Tot Ion:228 Resp: 11884

Ion Ratio Lower Upper

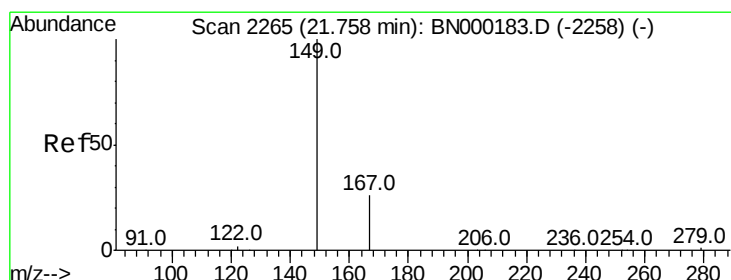
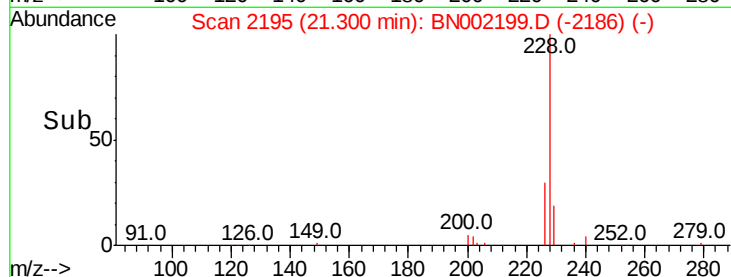
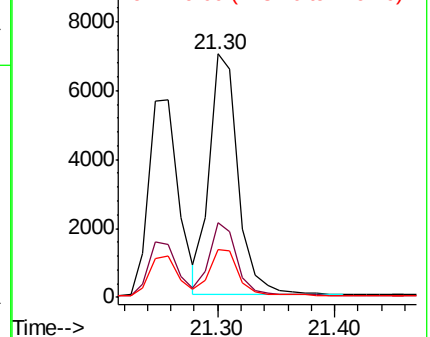
228 100

226 30.8 24.0 36.0

229 19.8 16.0 24.0



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: 0.340 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

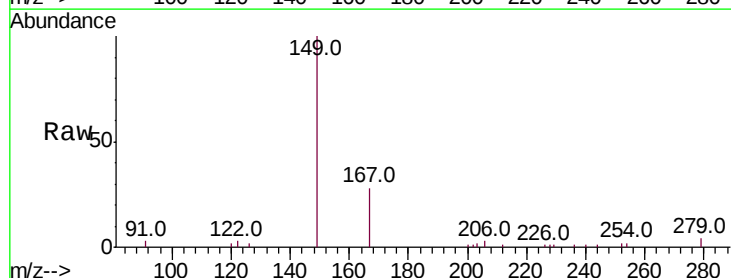
Tgt Ion:149 Resp: 4199

Ion Ratio Lower Upper

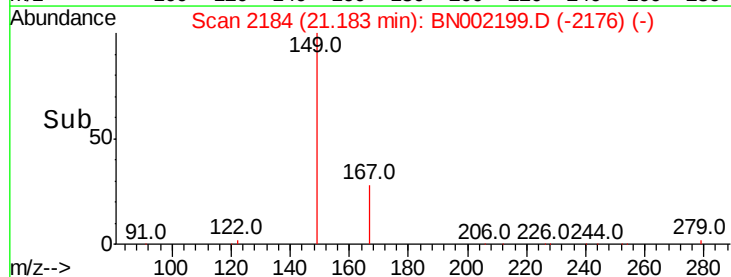
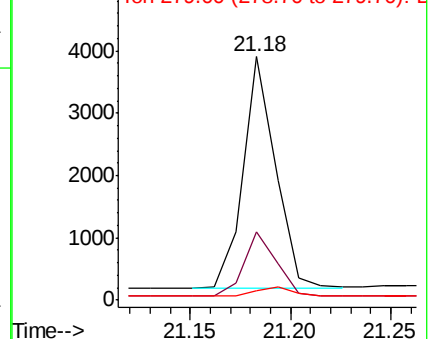
149 100

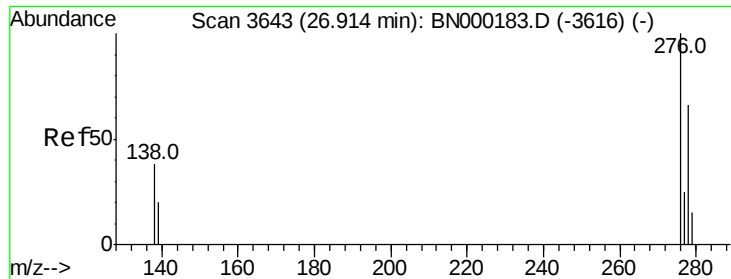
167 27.9 20.0 30.0

279 4.4 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

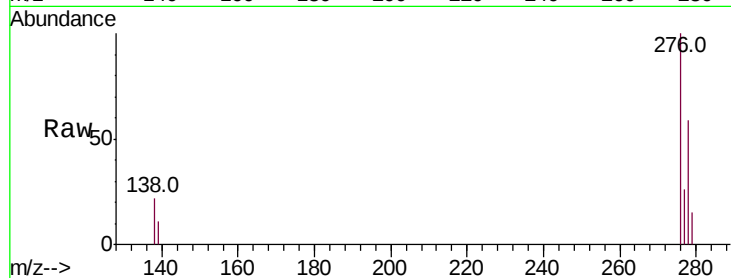




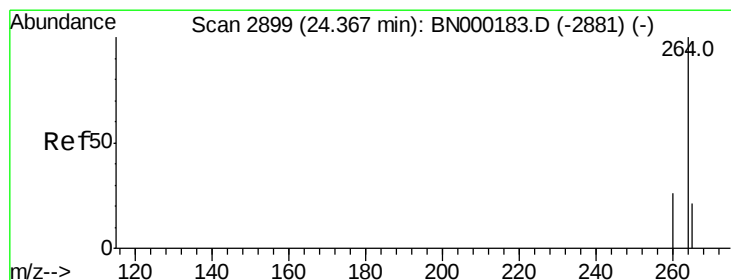
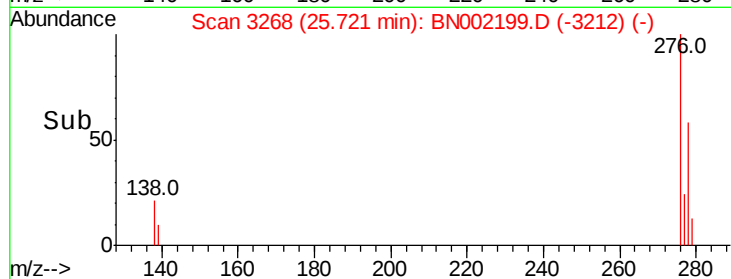
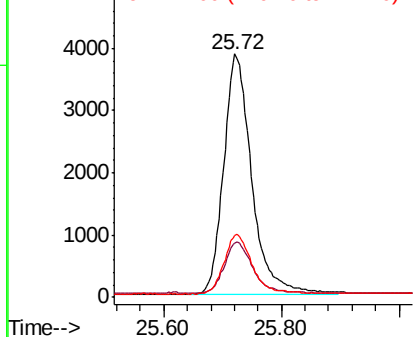
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.447 ng
 RT: 25.72 min Scan# 3268
 Delta R.T. -0.01 min
 Lab File: BN002199.D
 Acq: 30 Jul 2018 23:07

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 12736
 Ion Ratio Lower Upper
 276 100
 138 21.8 22.5 33.7#
 277 24.6 19.9 29.9

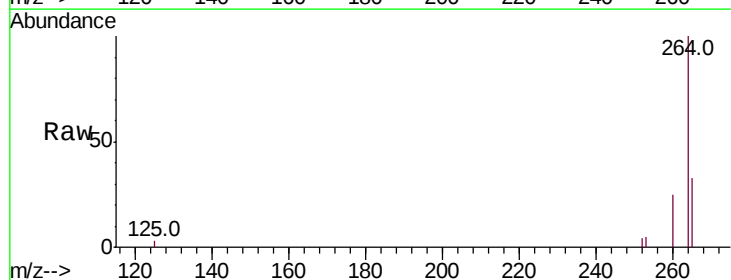


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

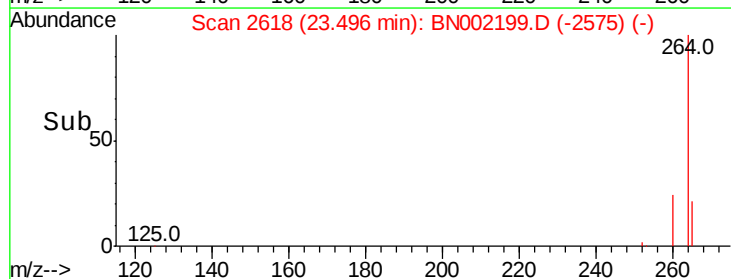
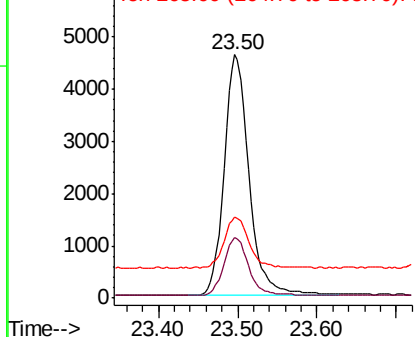


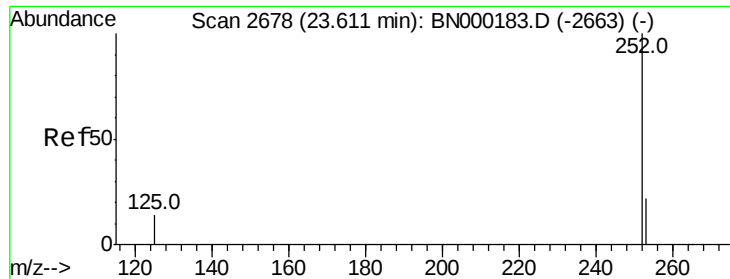
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BN002199.D
 Acq: 30 Jul 2018 23:07

Tgt Ion:264 Resp: 9998
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.5 30.7
 265 33.1 22.8 34.2



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

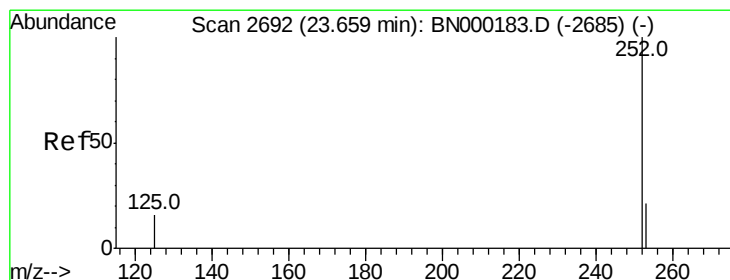
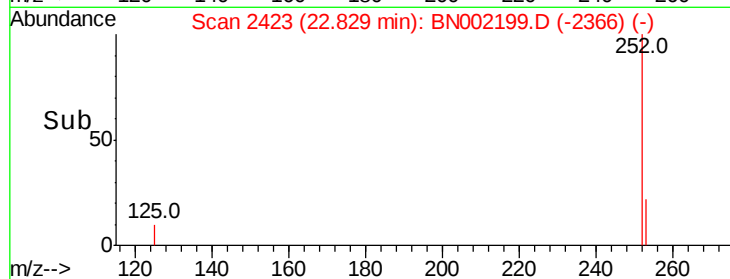
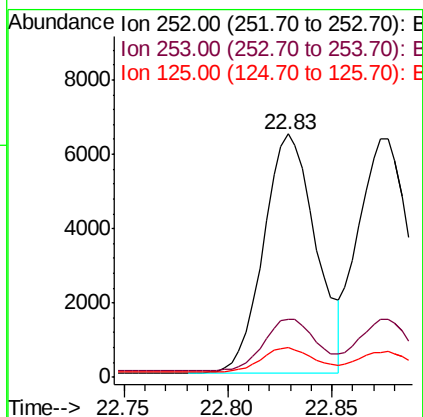
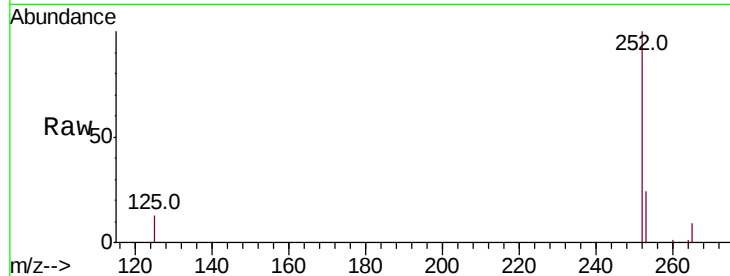




#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BN002199.D
Acq: 30 Jul 2018 23:07

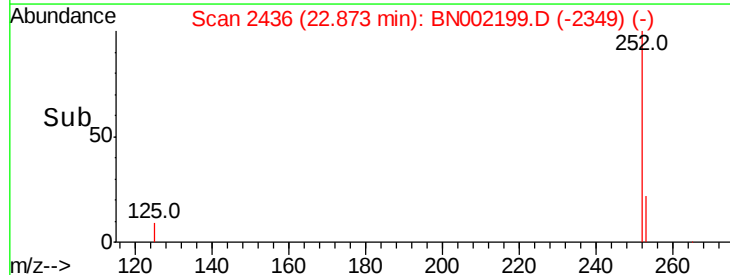
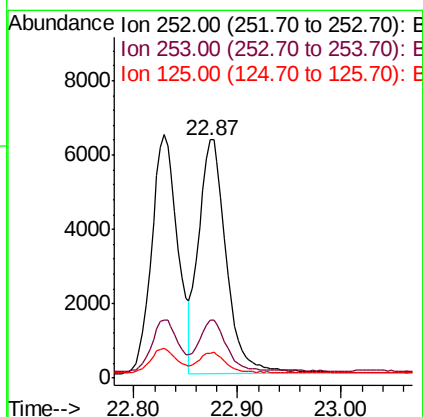
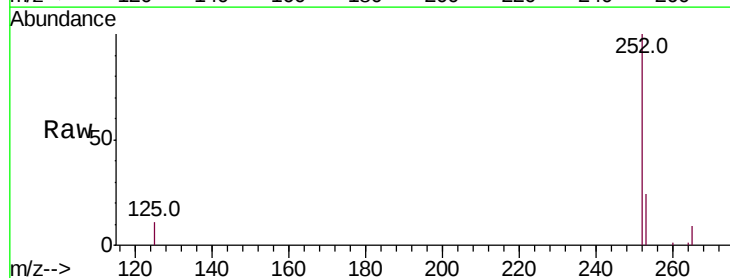
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

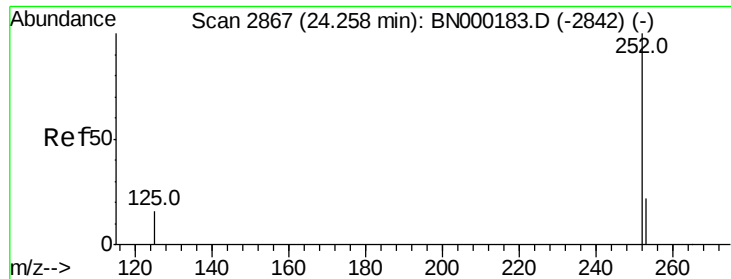
Tot Ion:252 Resp: 11234
Ion Ratio Lower Upper
252 100
253 24.1 20.0 30.0
125 12.5 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.87 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BN002199.D
Acq: 30 Jul 2018 23:07

Tgt Ion:252 Resp: 11586
Ion Ratio Lower Upper
252 100
253 24.2 16.0 24.0#
125 10.6 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.40 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

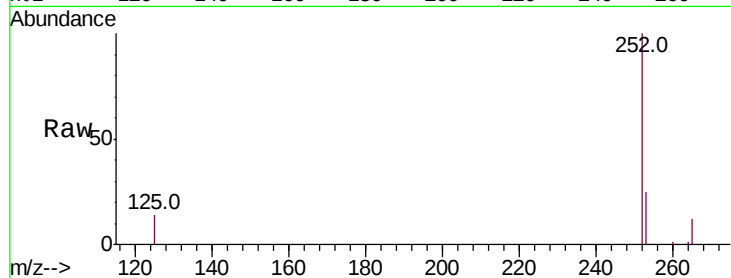
Tot Ion:252 Resp: 10475

Ion Ratio Lower Upper

252 100

253 25.4 16.0 24.0#

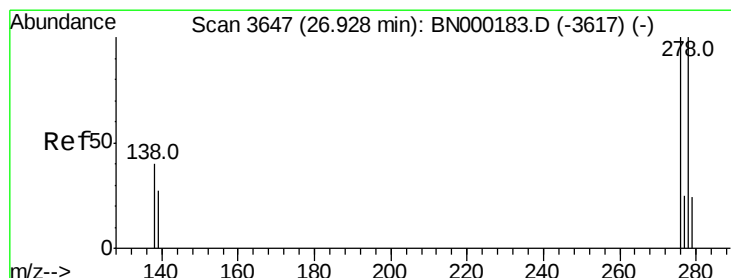
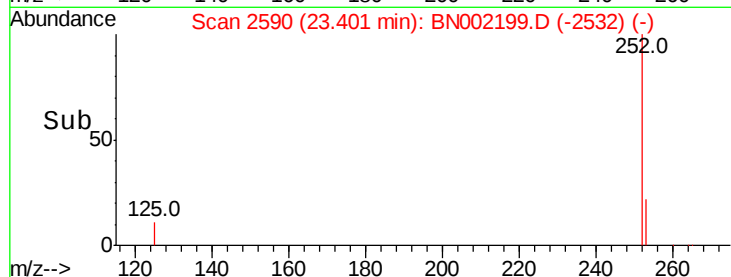
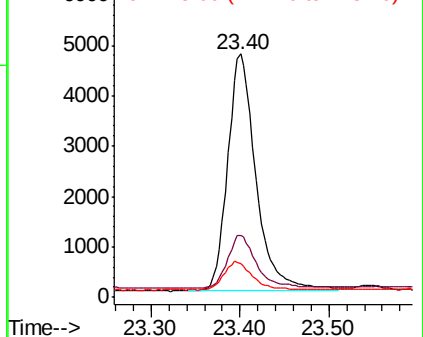
125 13.7 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.404 ng

RT: 25.74 min Scan# 3273

Delta R.T. -0.00 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

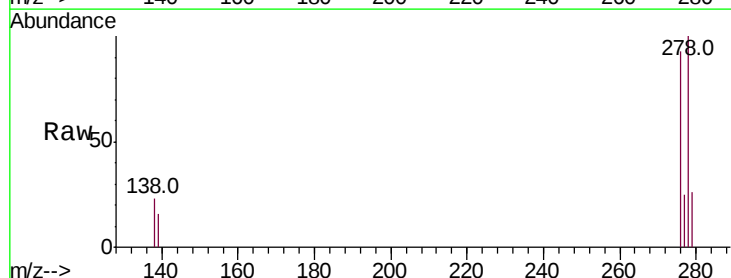
Tgt Ion:278 Resp: 10466

Ion Ratio Lower Upper

278 100

139 16.3 16.0 24.0

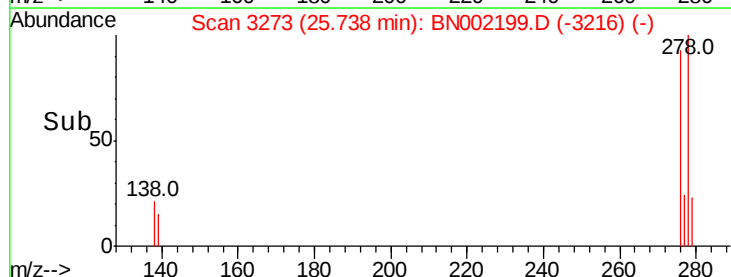
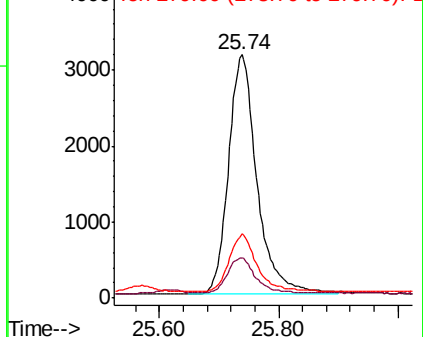
279 26.4 20.0 30.0

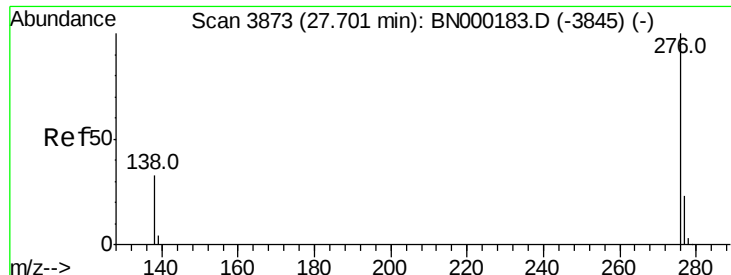


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.408 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BN002199.D

Acq: 30 Jul 2018 23:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

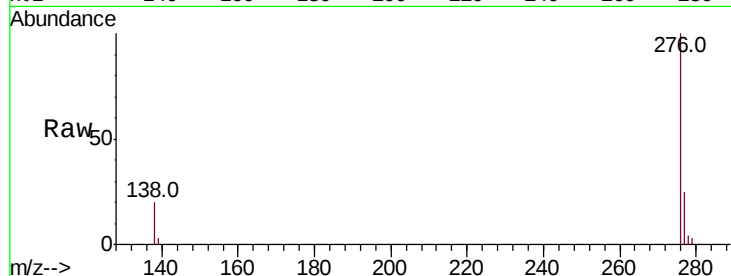
Tot Ion:276 Resp: 10809

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 20.2 20.0 30.0



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

