

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
 Data File : BN007603.D
 Acq On : 12 Sep 2019 11:37
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Sep 12 13:11:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 12:56:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	11995	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	46738	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	26423	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	54652	0.40	ng	0.00
27) Chrysene-d12	21.28	240	54762	0.40	ng	0.00
34) Perylene-d12	23.50	264	55475	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	14075	0.39	ng	0.00
5) Phenol-d6	6.90	99	18166	0.32	ng	0.00
8) Nitrobenzene-d5	8.86	82	15517	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	33355	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	3407	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	45858	0.42	ng	0.00
25) Fluoranthene-d10	19.12	212	72178	0.41	ng	0.00
29) Terphenyl-d14	19.72	244	60322	0.42	ng	0.00

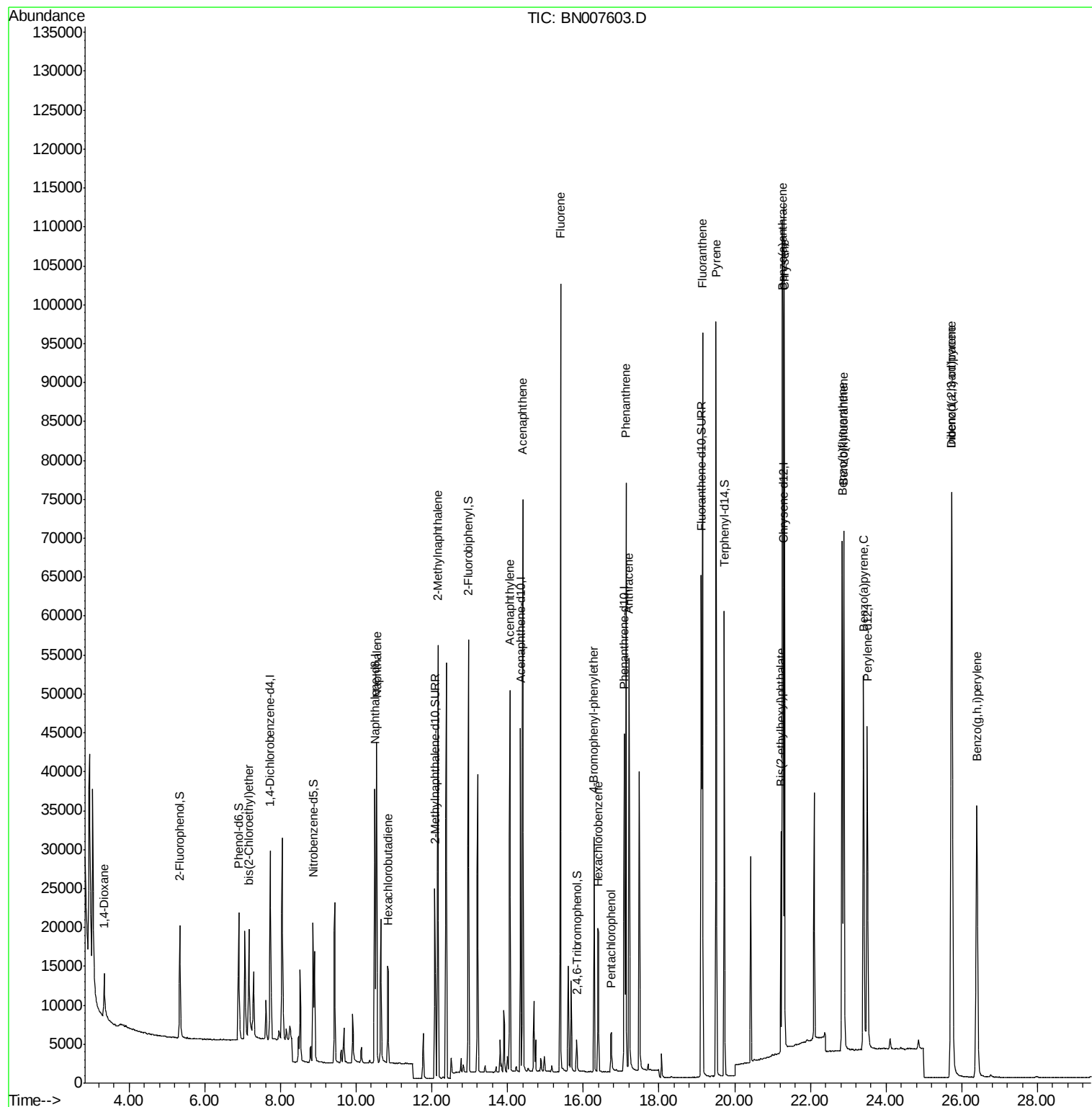
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	5501	0.435	ng	99
6) bis(2-Chloroethyl)ether	7.16	93	14202	0.600	ng	100
9) Naphthalene	10.54	128	56801	0.432	ng	100
10) Hexachlorobutadiene	10.85	225	11500	0.436	ng	# 100
12) 2-Methylnaphthalene	12.16	142	38154	0.414	ng	100
16) Acenaphthylene	14.06	152	53687	0.378	ng	100
17) Acenaphthene	14.40	154	35344	0.394	ng	100
18) Fluorene	15.39	166	44471	0.377	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	14249	0.441	ng	100
21) Hexachlorobenzene	16.40	284	15423	0.454	ng	100
22) Pentachlorophenol	16.74	266	3429	0.363	ng	100
23) Phenanthrene	17.12	178	73490	0.436	ng	100
24) Anthracene	17.21	178	63450	0.408	ng	100
26) Fluoranthene	19.15	202	85213	0.416	ng	100
28) Pyrene	19.51	202	84011	0.427	ng	100
30) Benzo(a)anthracene	21.26	228	80775	0.412	ng	100
31) Chrysene	21.31	228	83942	0.422	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	24853	0.371	ng	100
33) Indeno(1,2,3-cd)pyrene	25.73	276	90771	0.431	ng	100
35) Benzo(b)fluoranthene	22.84	252	81141	0.411	ng	100
36) Benzo(k)fluoranthene	22.88	252	81977	0.421	ng	100
37) Benzo(a)pyrene	23.41	252	70477	0.402	ng	100
38) Dibenzo(a,h)anthracene	25.74	278	75312	0.428	ng	100
39) Benzo(g,h,i)perylene	26.40	276	73719	0.413	ng	100

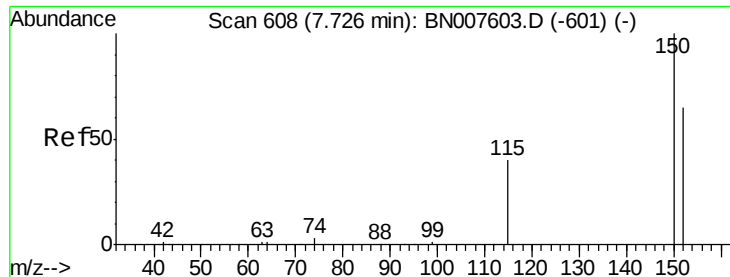
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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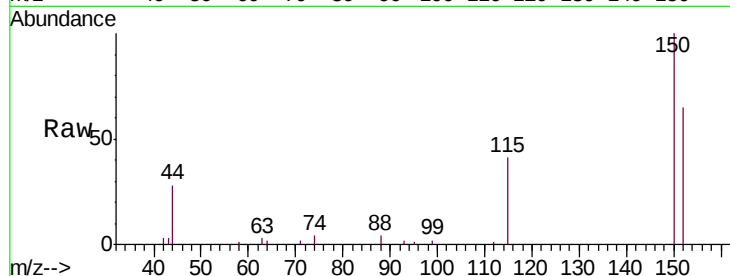


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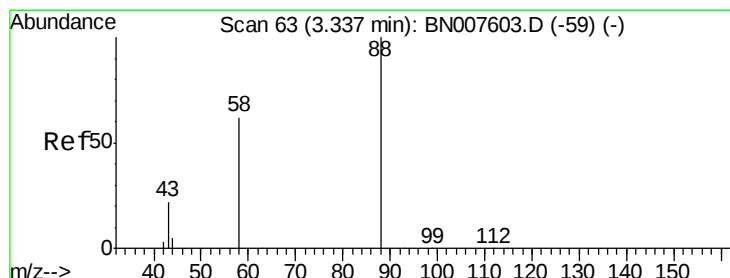
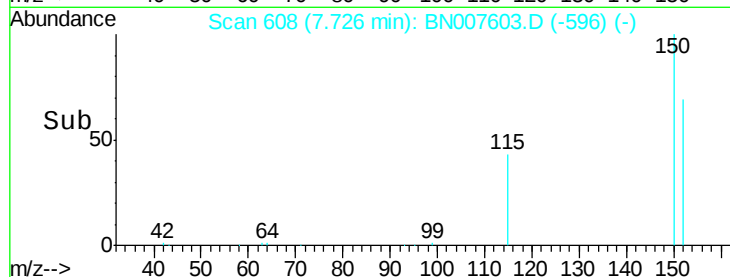
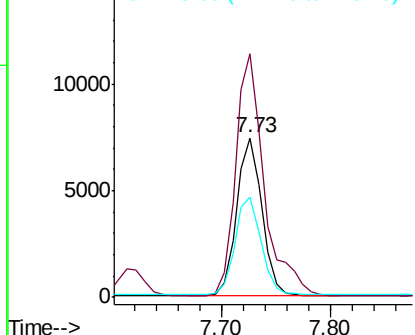
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. 0.00 min
Lab File: BN007603.D
Acq: 12 Sep 2019 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 11995
Ion Ratio Lower Upper
152 100
150 153.0 122.4 183.6
115 63.0 50.4 75.6



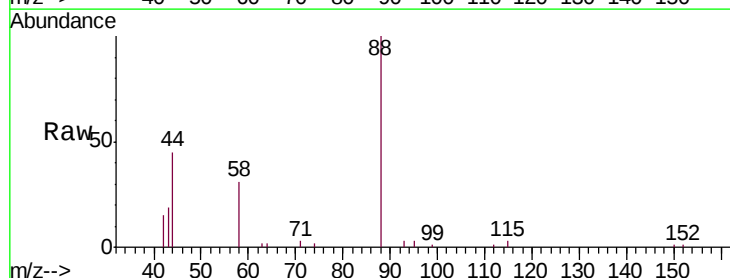
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



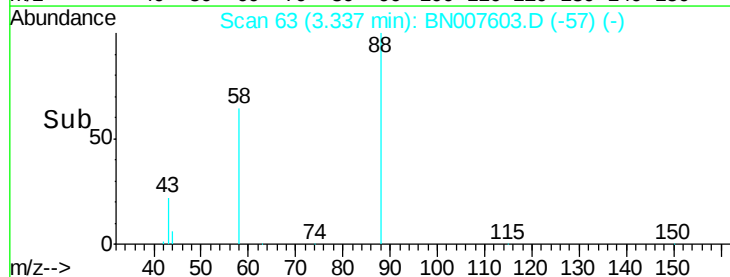
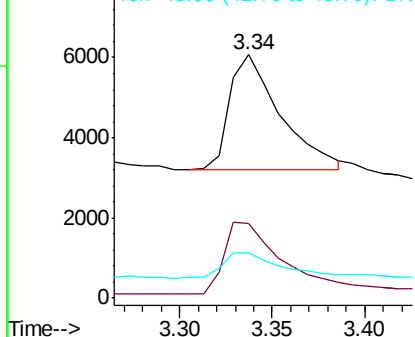
#2

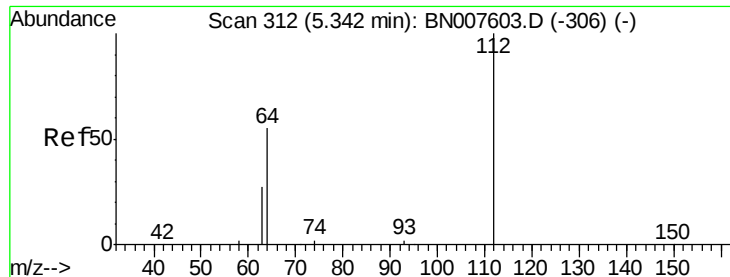
1,4-Dioxane
Concen: 0.435 ng
RT: 3.34 min Scan# 63
Delta R.T. 0.00 min
Lab File: BN007603.D
Acq: 12 Sep 2019 11:37

Tgt Ion: 88 Resp: 5501
Ion Ratio Lower Upper
88 100
58 71.6 57.0 85.4
43 24.3 20.0 30.0



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





#4

2-Fluorophenol

Concen: 0.385 ng

RT: 5.34 min Scan# 312

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

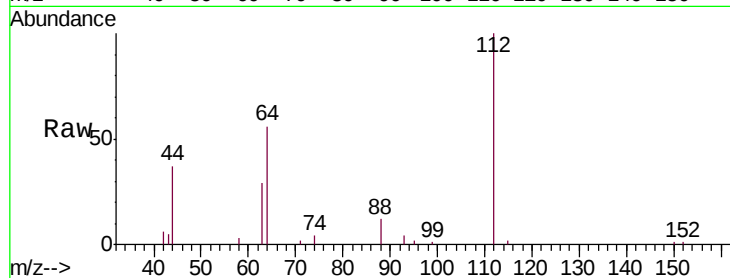
Tgt Ion: 112 Resp: 14075

Ion Ratio Lower Upper

112 100

64 60.6 48.5 72.7

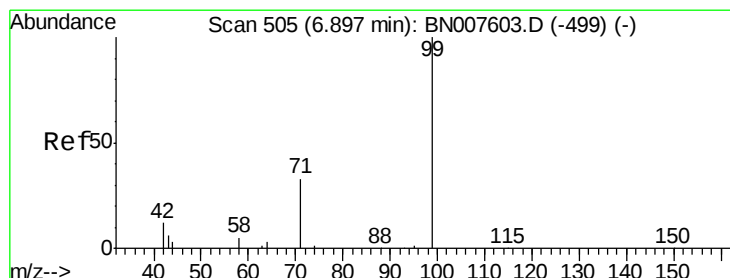
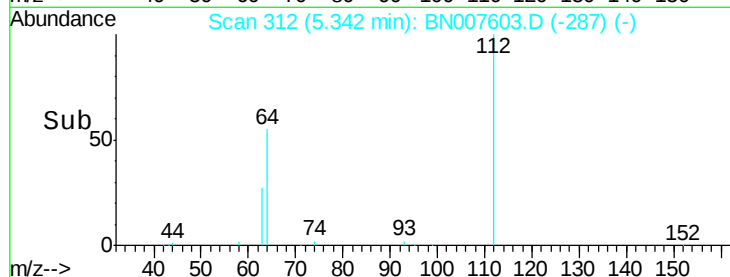
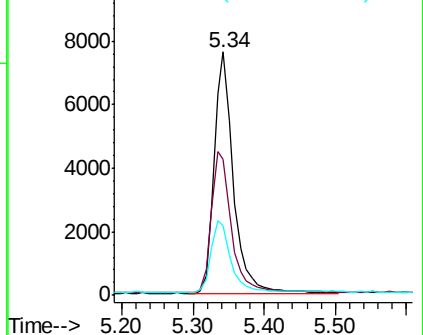
63 30.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.324 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

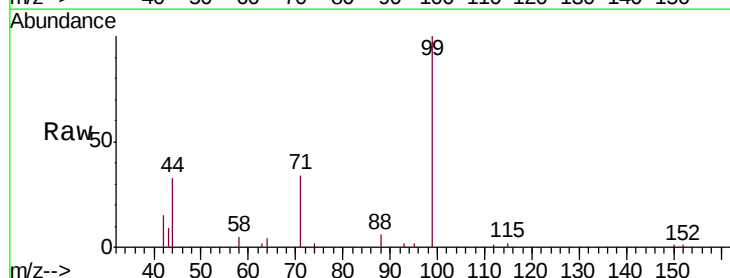
Tgt Ion: 99 Resp: 18166

Ion Ratio Lower Upper

99 100

42 14.6 11.8 17.6

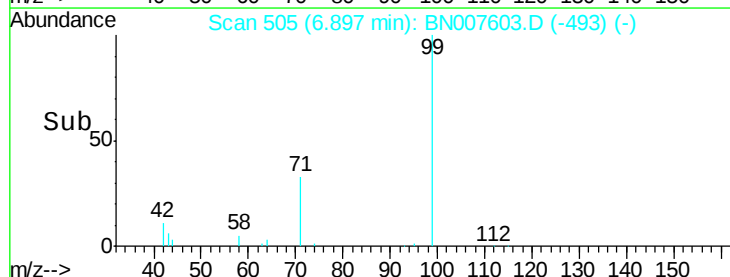
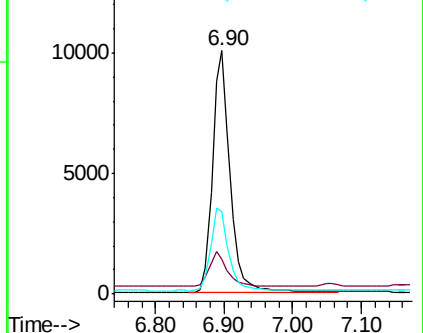
71 34.8 28.0 42.0

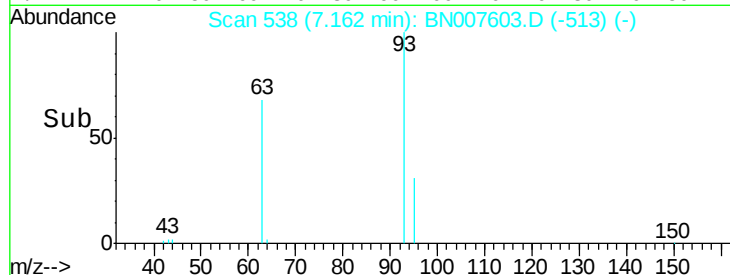
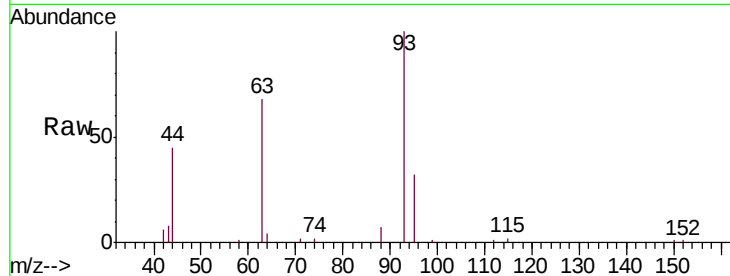
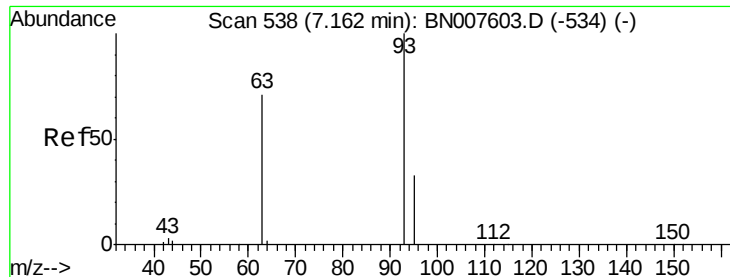


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.600 ng

RT: 7.16 min Scan# 538

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

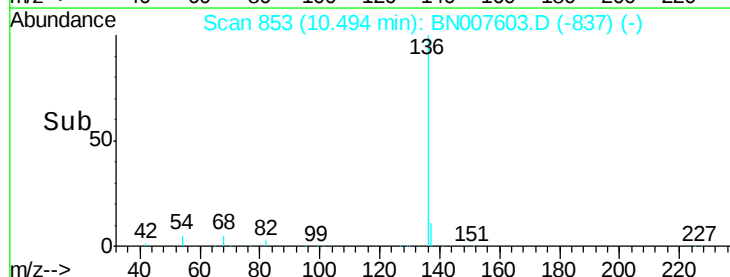
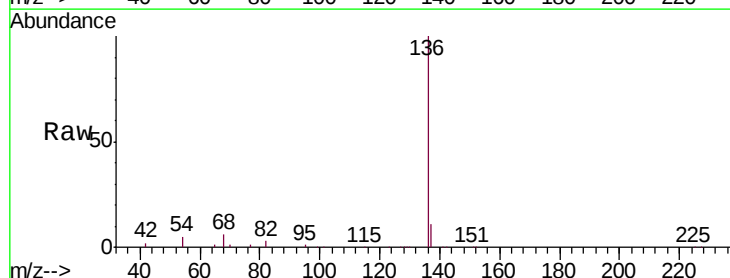
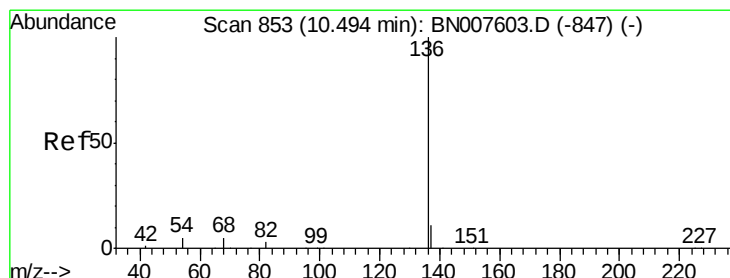
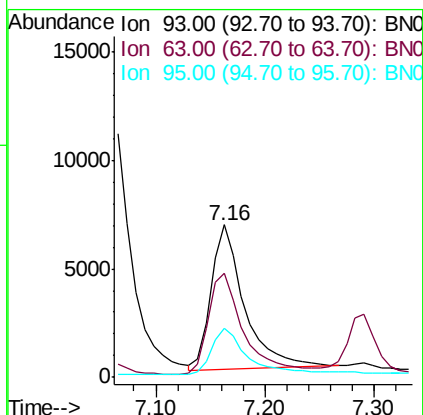
Tgt Ion: 93 Resp: 14202

Ion Ratio Lower Upper

93 100

63 76.5 61.2 91.8

95 34.0 27.2 40.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Tgt Ion: 136 Resp: 46738

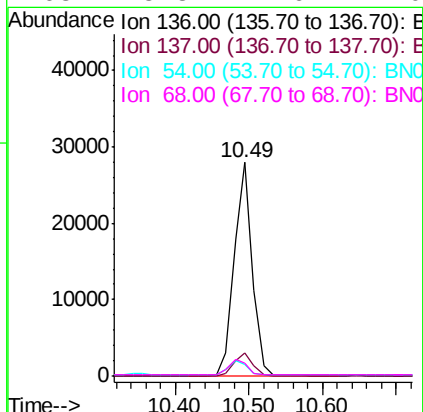
Ion Ratio Lower Upper

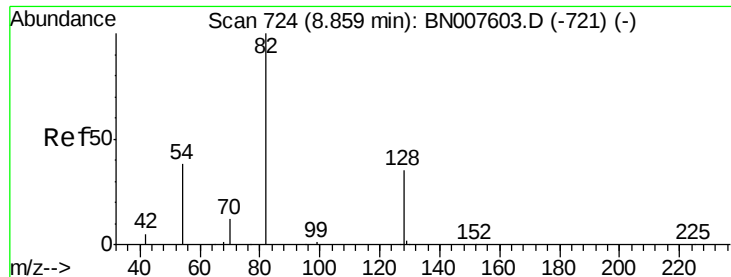
136 100

137 11.0 8.8 13.2

54 5.3 4.2 6.4

68 5.8 4.6 7.0

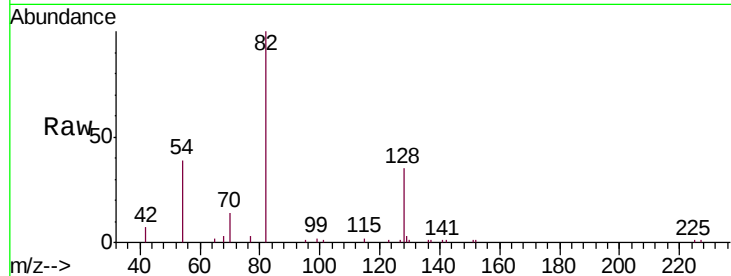




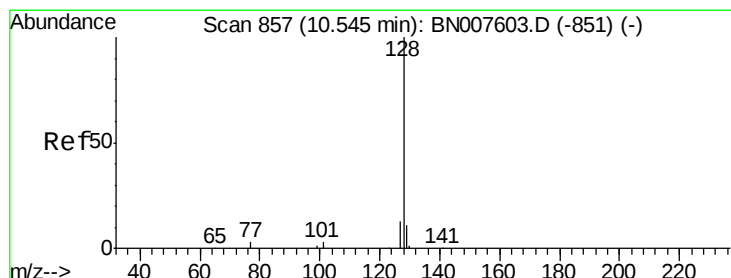
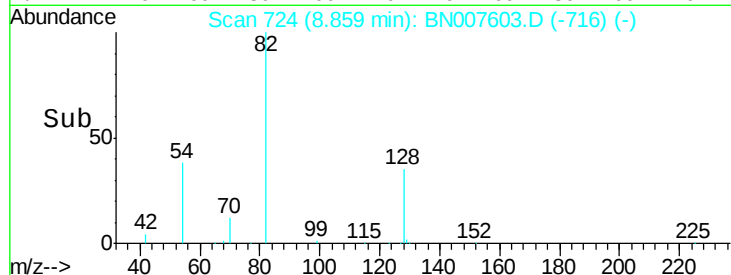
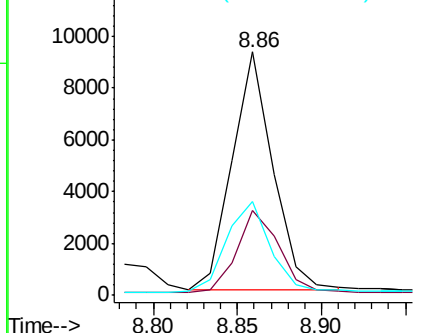
#8
Nitrobenzene-d5
Concen: 0.545 ng
RT: 8.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BN007603.D
Acq: 12 Sep 2019 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	27.9	41.9
54	38.6	30.9	46.3

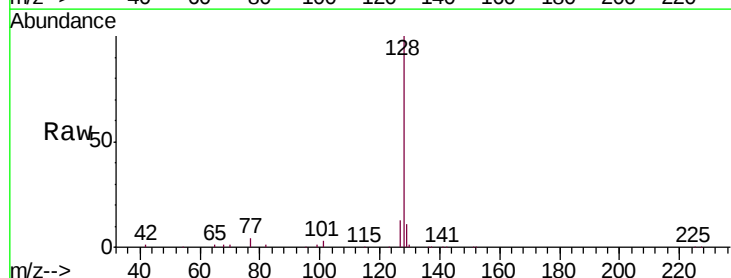


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

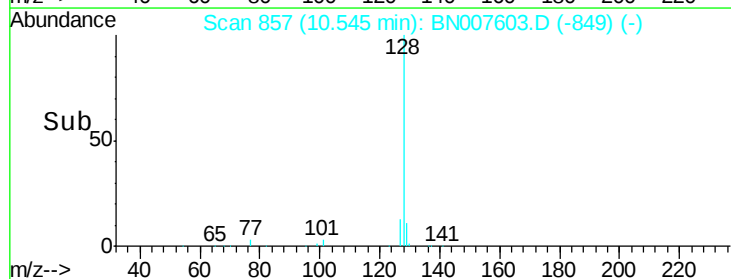
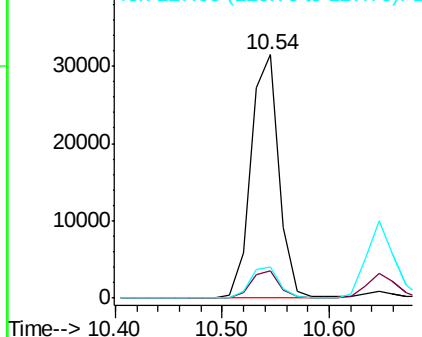


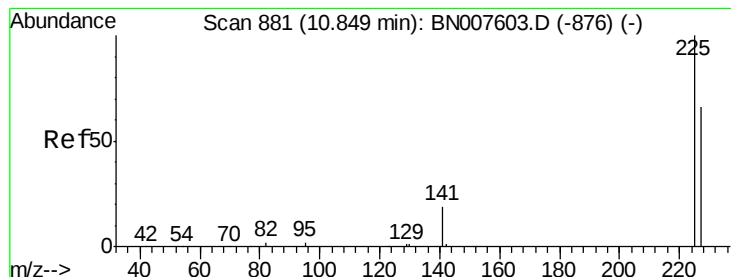
#9
Naphthalene
Concen: 0.432 ng
RT: 10.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: BN007603.D
Acq: 12 Sep 2019 11:37

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.0	10.4	15.6



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: 0.436 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

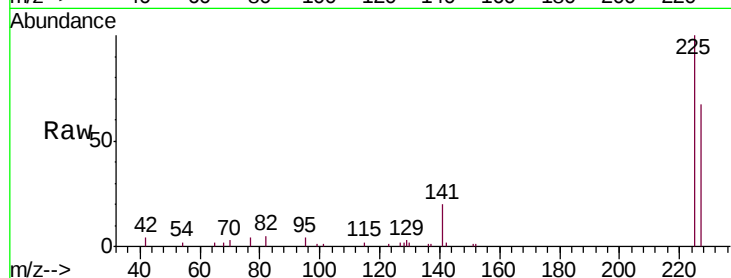
Tgt Ion: 225 Resp: 11500

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

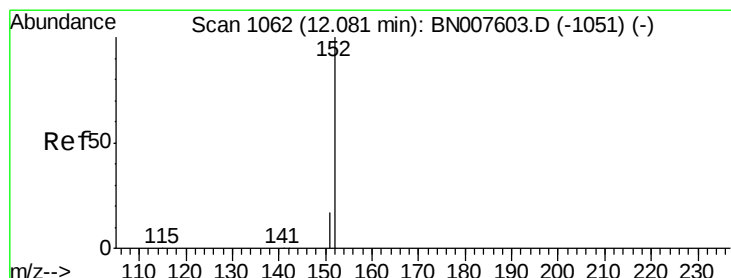
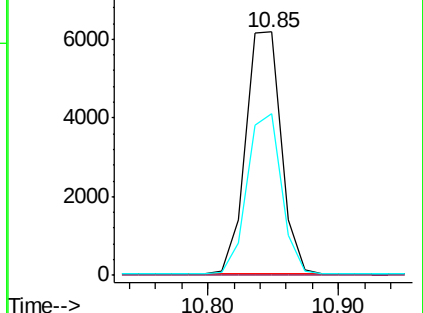
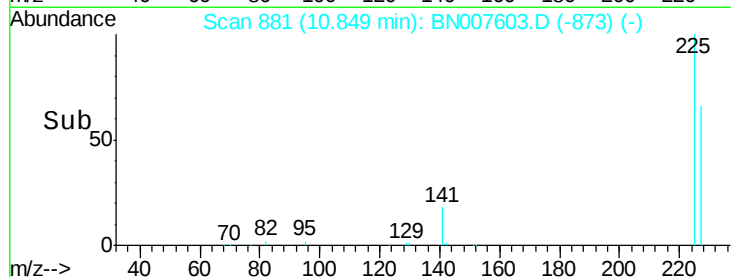
227 64.1 51.3 76.9



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: 0.413 ng

RT: 12.08 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BN007603.D

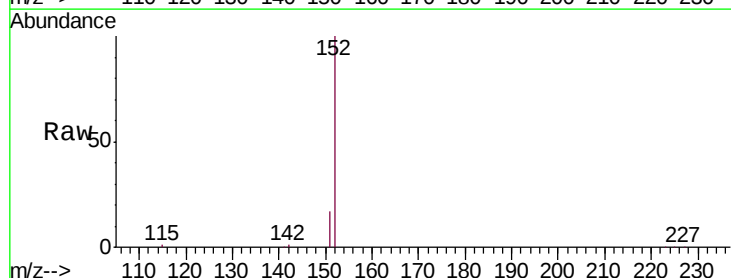
Acq: 12 Sep 2019 11:37

Tgt Ion: 152 Resp: 33355

Ion Ratio Lower Upper

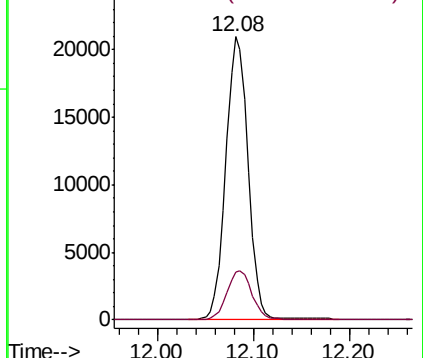
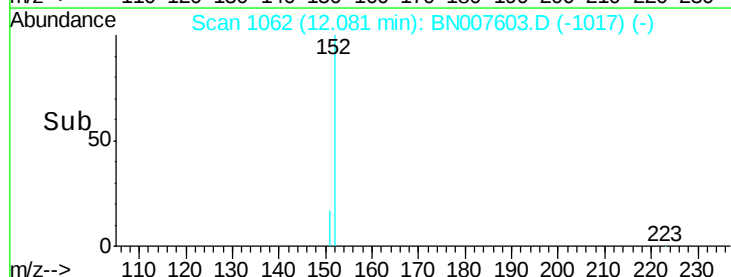
152 100

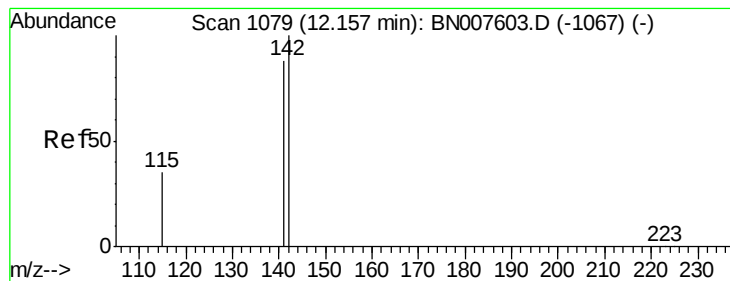
151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.414 ng

RT: 12.16 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

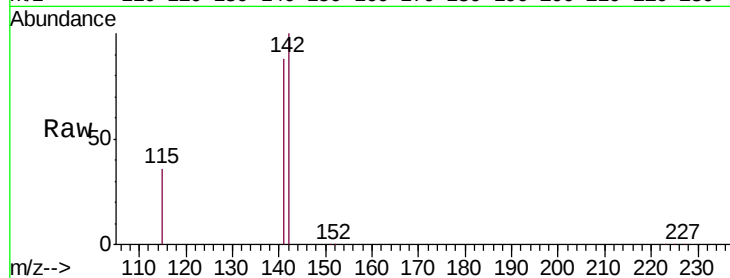
Tgt Ion:142 Resp: 38154

Ion Ratio Lower Upper

142 100

141 88.1 70.5 105.7

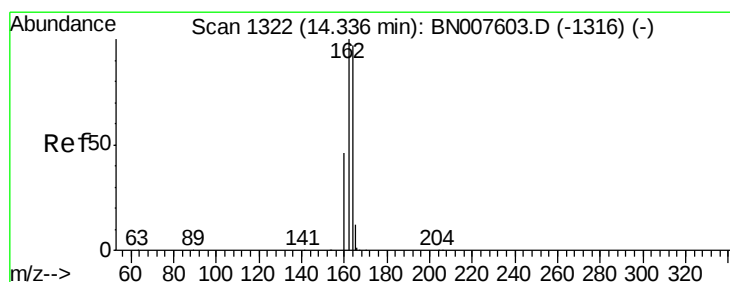
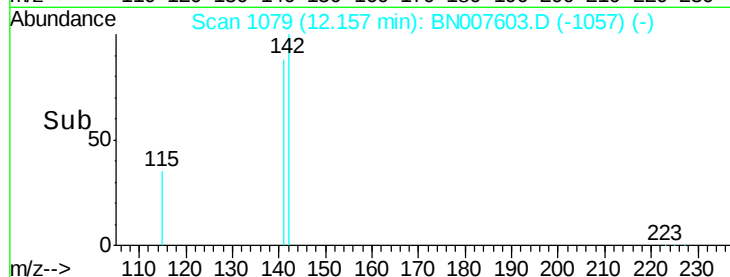
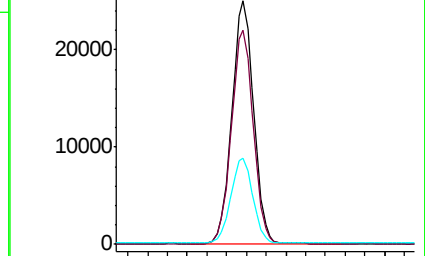
115 35.5 28.4 42.6



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: 14.34 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

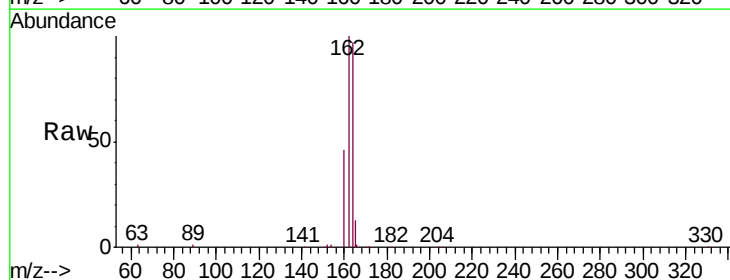
Tgt Ion:164 Resp: 26423

Ion Ratio Lower Upper

164 100

162 103.5 82.8 124.2

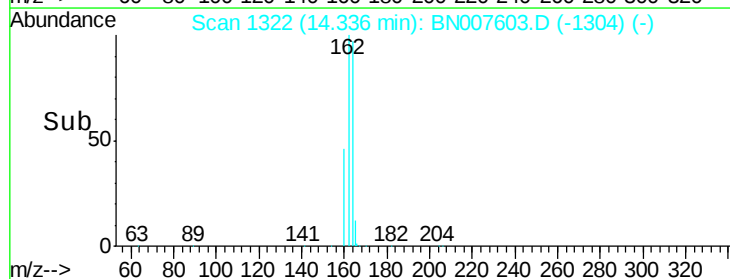
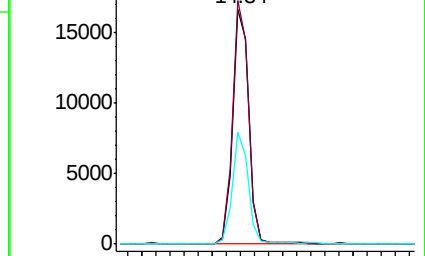
160 47.5 38.0 57.0

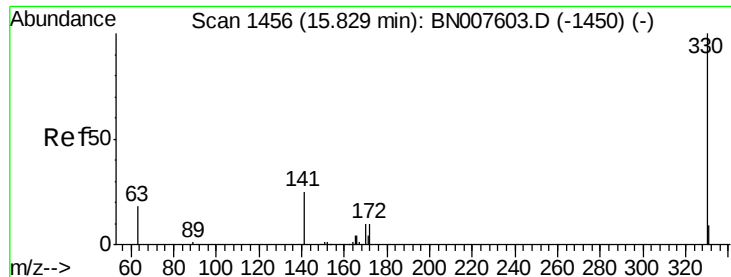


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

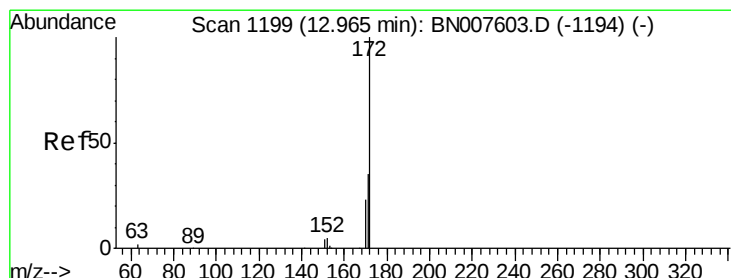
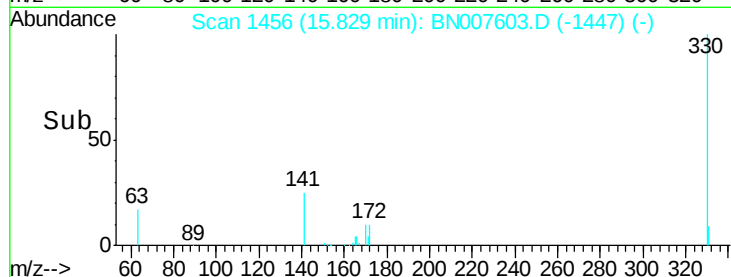
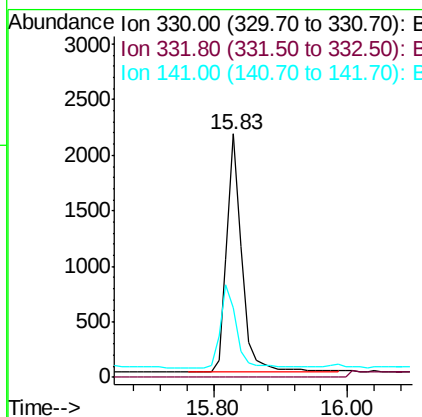
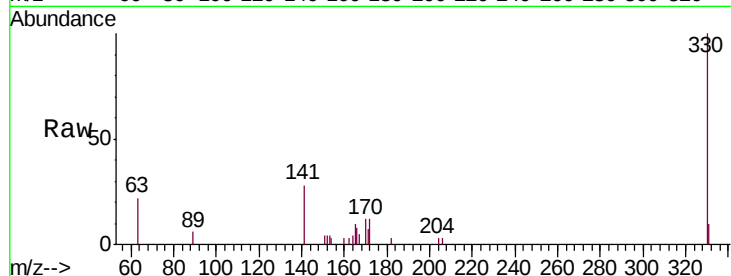




#14
 2,4,6-Tribromophenol
 Concen: 0.339 ng
 RT: 15.83 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

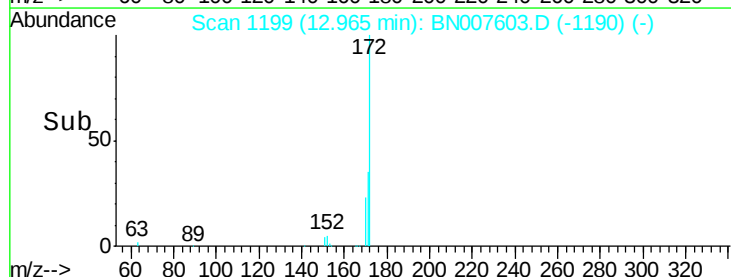
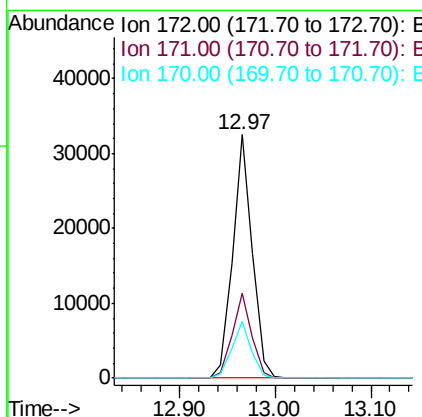
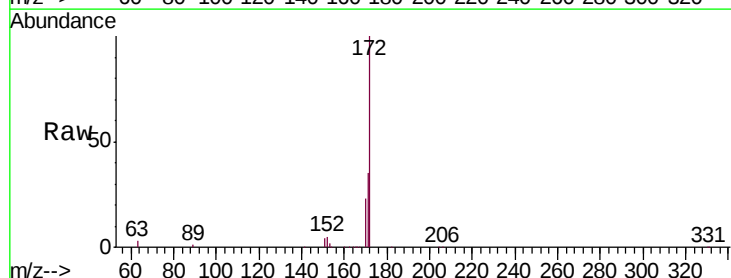
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

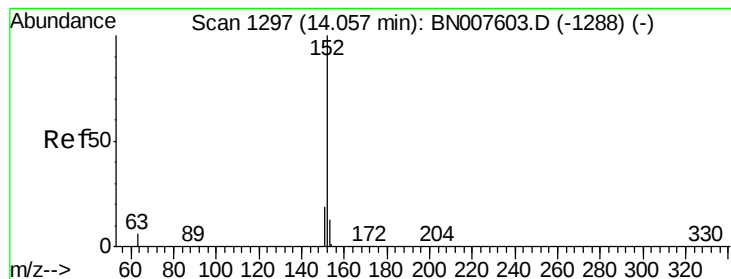
Tgt Ion: 330 Resp: 3407
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.6 30.1 45.1



#15
 2-Fluorobiphenyl
 Concen: 0.420 ng
 RT: 12.97 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

Tgt Ion: 172 Resp: 45858
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 23.1 18.5 27.7





#16

Acenaphthylene

Concen: 0.378 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

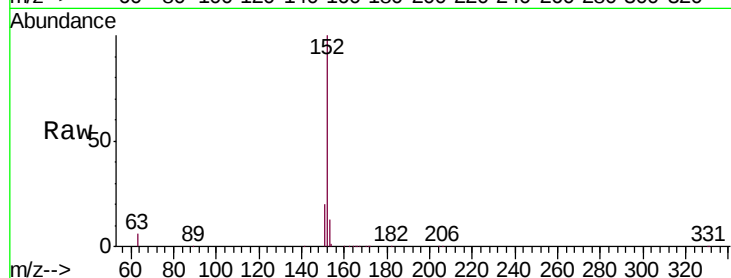
Tgt Ion:152 Resp: 53687

Ion Ratio Lower Upper

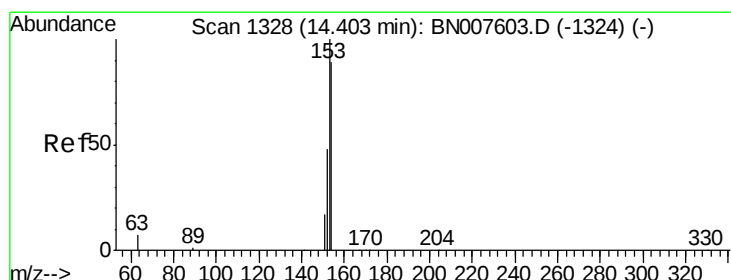
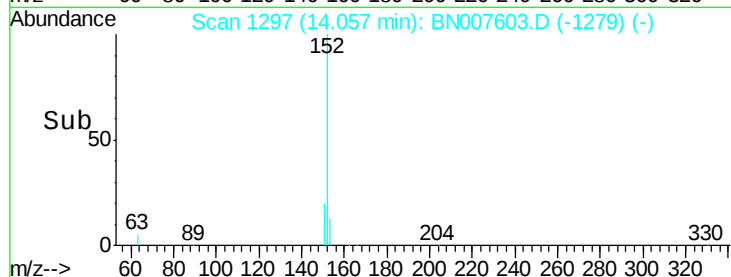
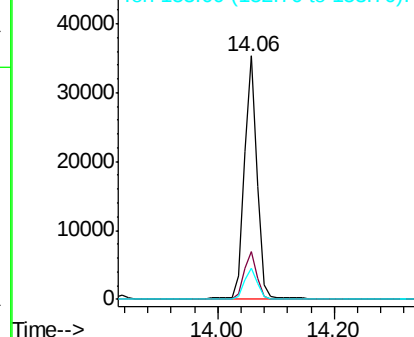
152 100

151 19.6 15.7 23.5

153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.394 ng

RT: 14.40 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

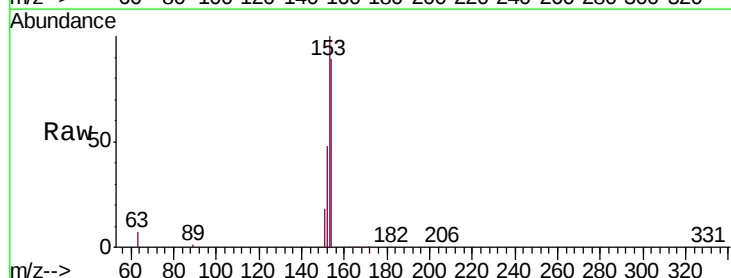
Tgt Ion:154 Resp: 35344

Ion Ratio Lower Upper

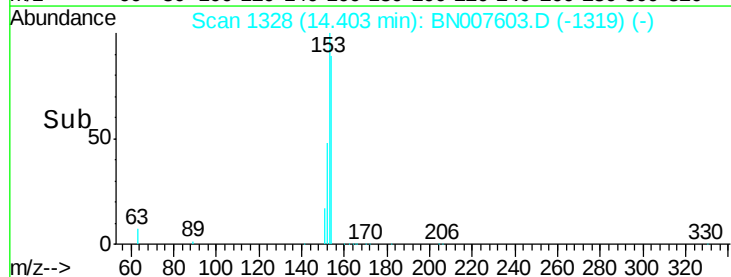
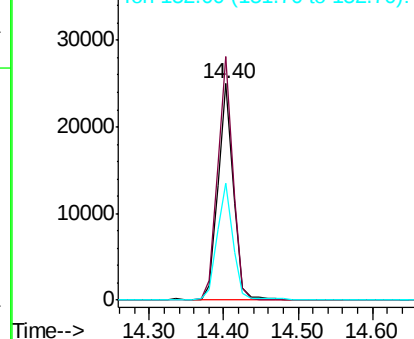
154 100

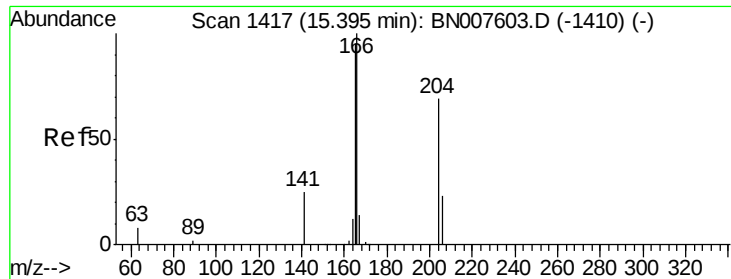
153 112.3 89.8 134.8

152 54.8 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: 0.377 ng

RT: 15.39 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

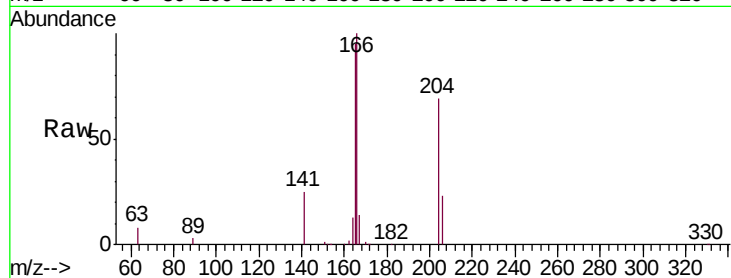
Tgt Ion:166 Resp: 44471

Ion Ratio Lower Upper

166 100

165 97.2 77.8 116.6

167 13.5 10.8 16.2

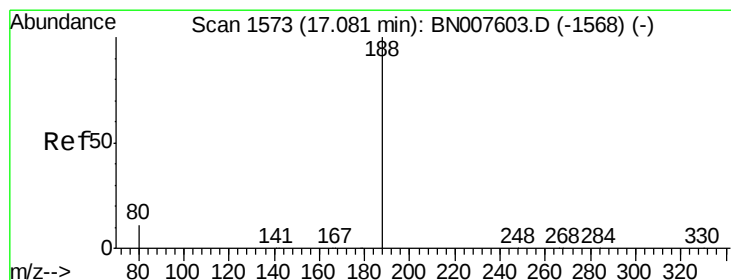
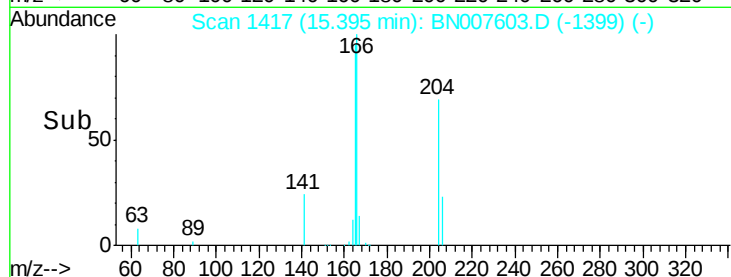
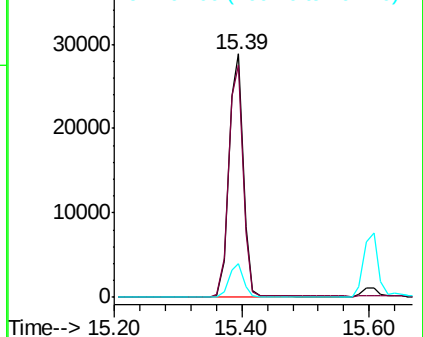


Abundance

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: 17.08 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

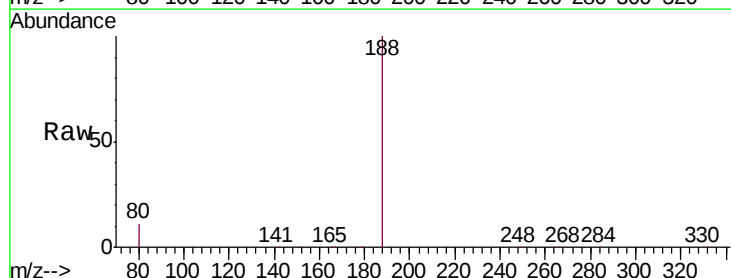
Tgt Ion:188 Resp: 54652

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 8.8 13.2

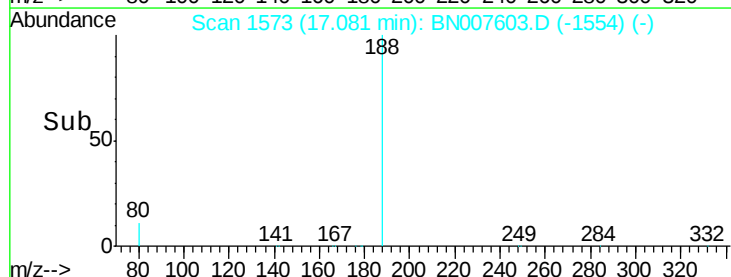
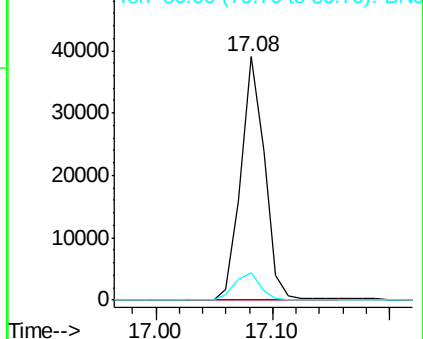


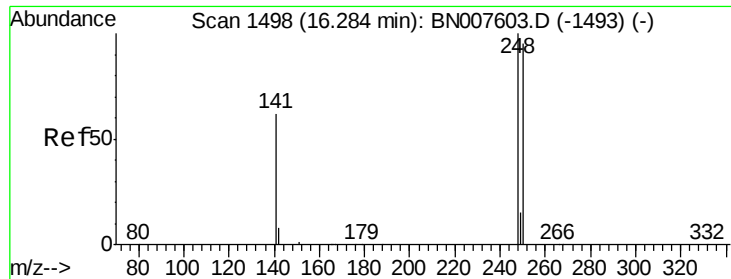
Abundance

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

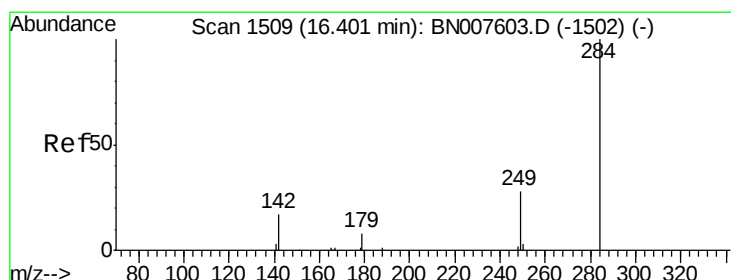
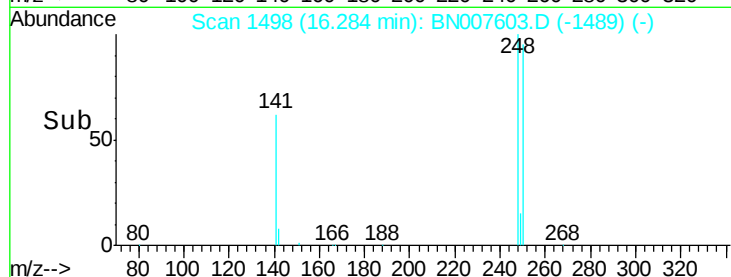
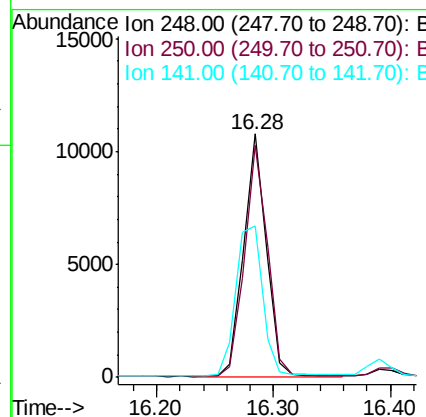
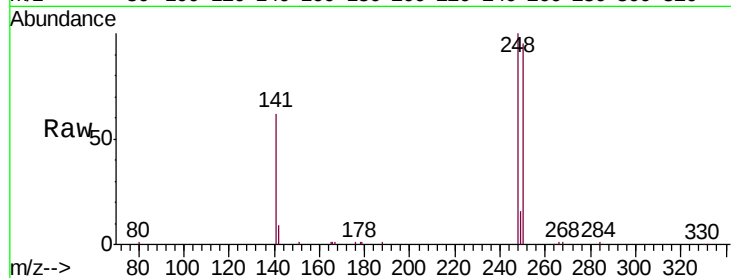




#20
4-Bromophenyl-phenylether
Concen: 0.441 ng
RT: 16.28 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BN007603.D
Acq: 12 Sep 2019 11:37

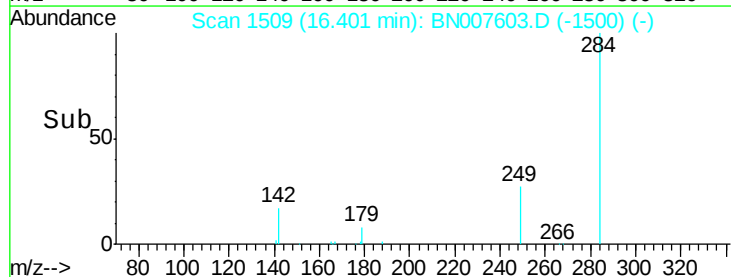
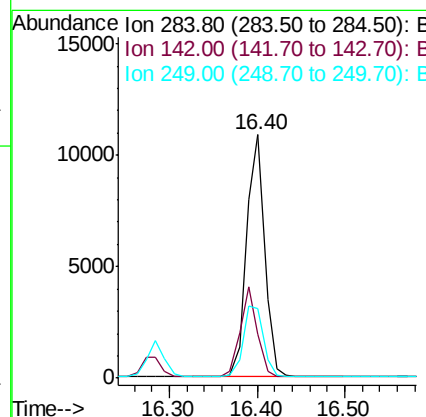
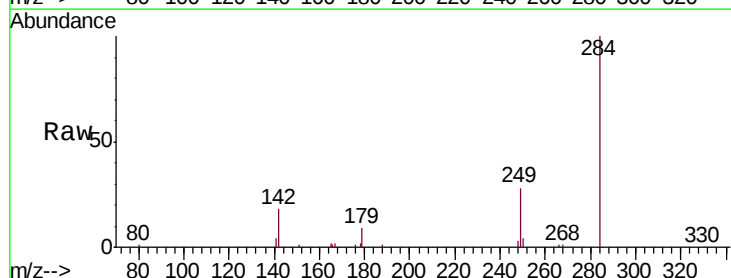
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

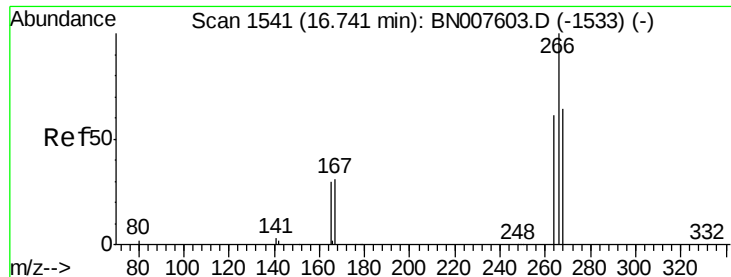
Tgt Ion:248 Resp: 14249
Ion Ratio Lower Upper
248 100
250 95.4 76.3 114.5
141 62.1 49.7 74.5



#21
Hexachlorobenzene
Concen: 0.454 ng
RT: 16.40 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN007603.D
Acq: 12 Sep 2019 11:37

Tgt Ion:284 Resp: 15423
Ion Ratio Lower Upper
284 100
142 34.7 27.8 41.6
249 31.9 25.5 38.3

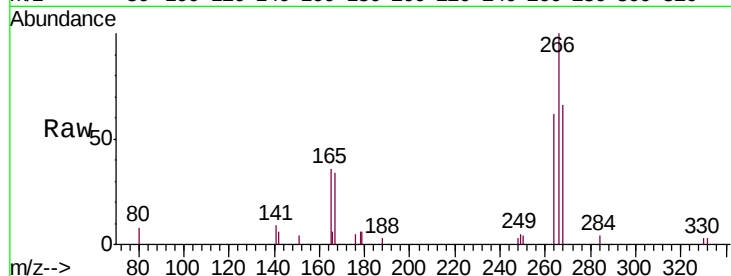




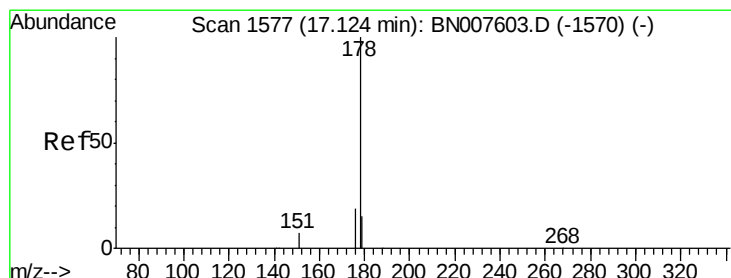
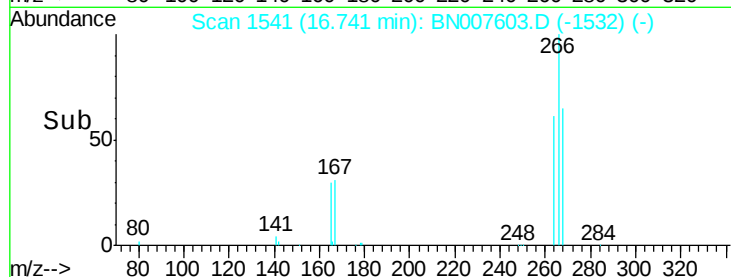
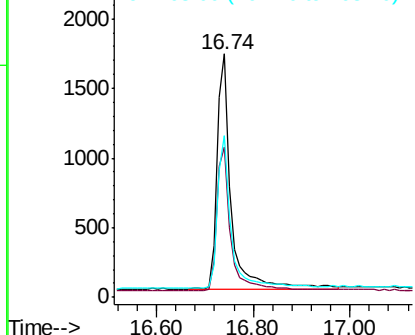
#22
 Pentachlorophenol
 Concen: 0.363 ng
 RT: 16.74 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Tgt Ion:266 Resp: 3429
 Ion Ratio Lower Upper
 266 100
 264 61.7 49.4 74.0
 268 66.3 53.0 79.6

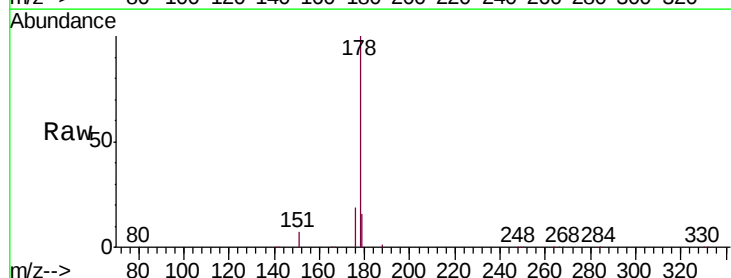


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

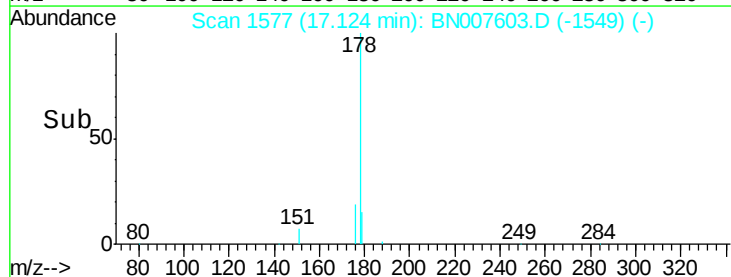
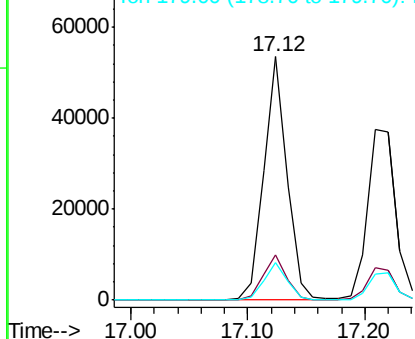


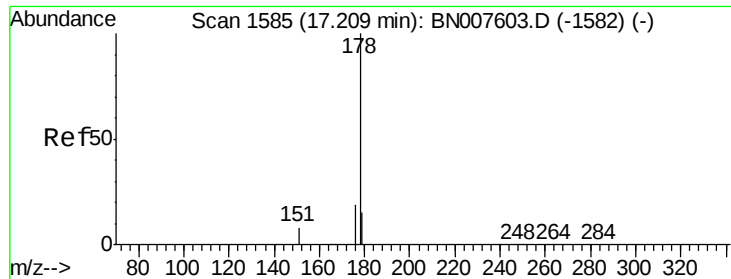
#23
 Phenanthrene
 Concen: 0.436 ng
 RT: 17.12 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

Tgt Ion:178 Resp: 73490
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.6
 179 15.5 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





#24

Anthracene

Concen: 0.408 ng

RT: 17.21 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

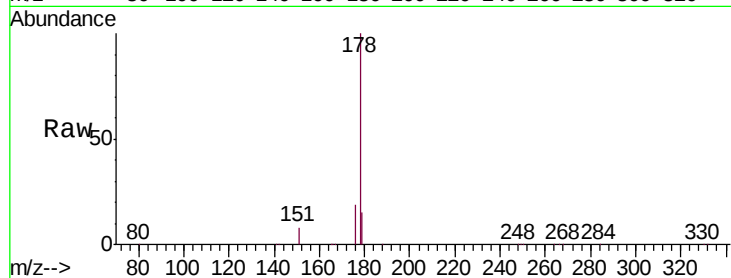
Tgt Ion:178 Resp: 63450

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

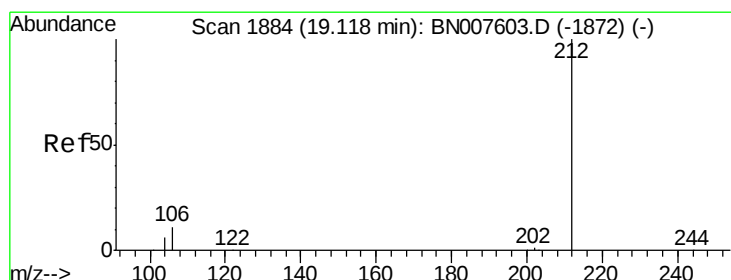
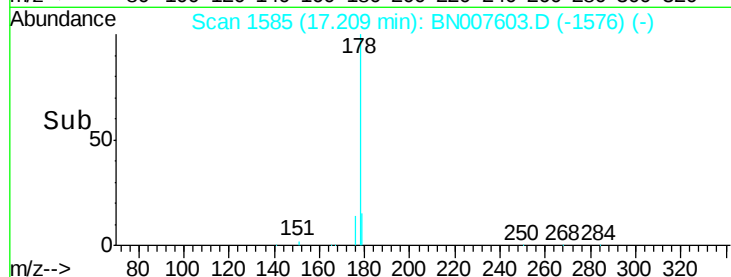
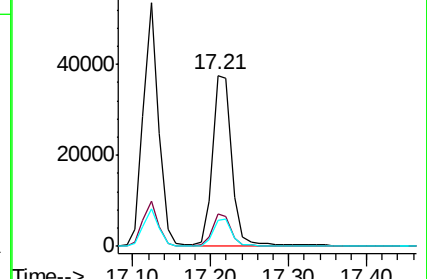
179 15.5 12.4 18.6



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: 0.407 ng

RT: 19.12 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

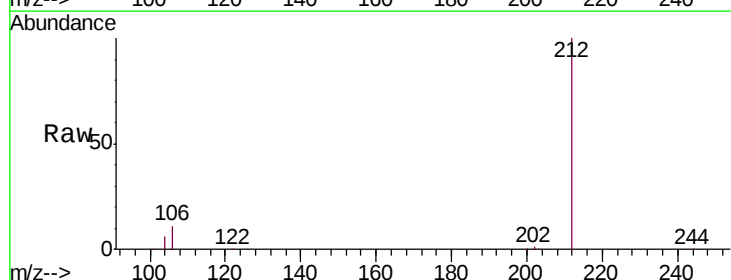
Tgt Ion:212 Resp: 72178

Ion Ratio Lower Upper

212 100

106 12.0 9.6 14.4

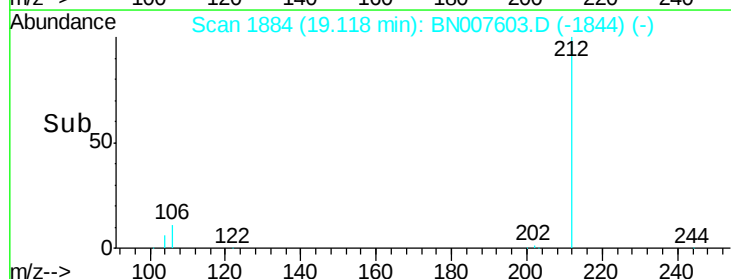
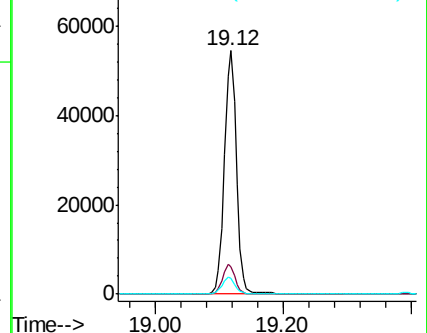
104 6.7 5.4 8.0

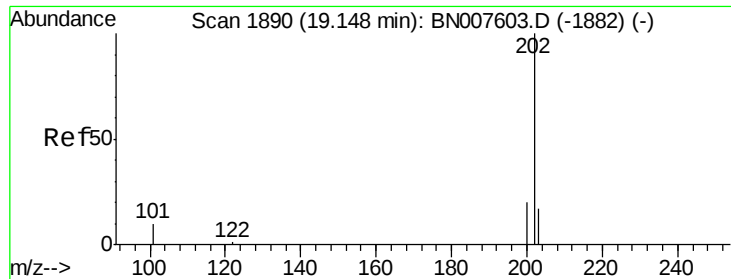


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

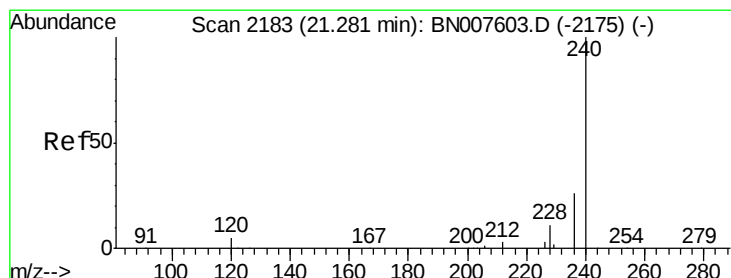
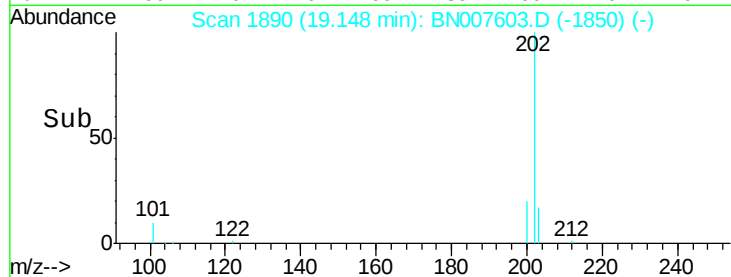
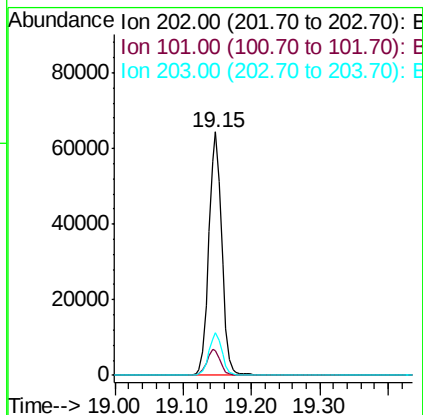
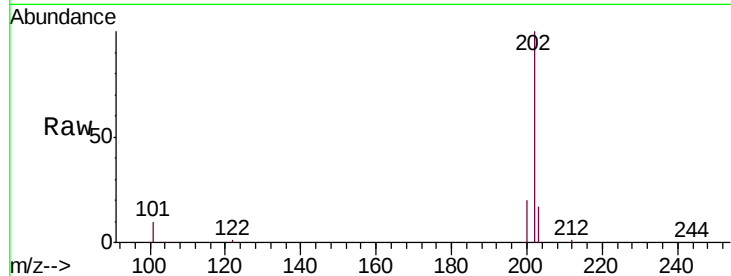




#26
 Fluoranthene
 Concen: 0.416 ng
 RT: 19.15 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

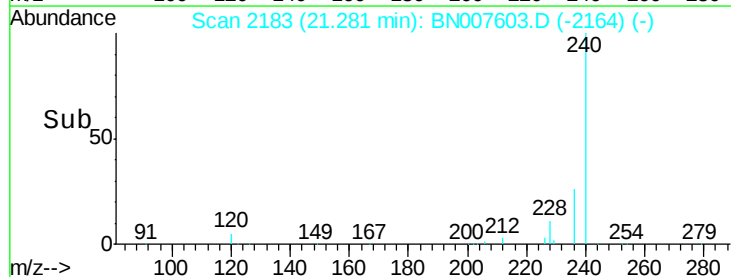
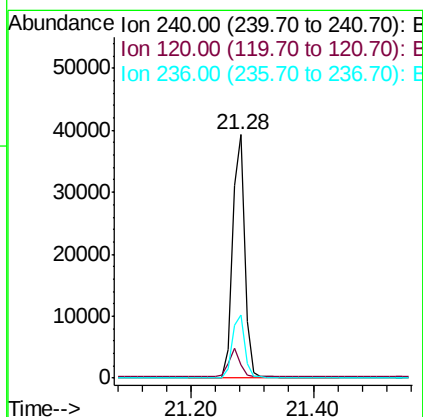
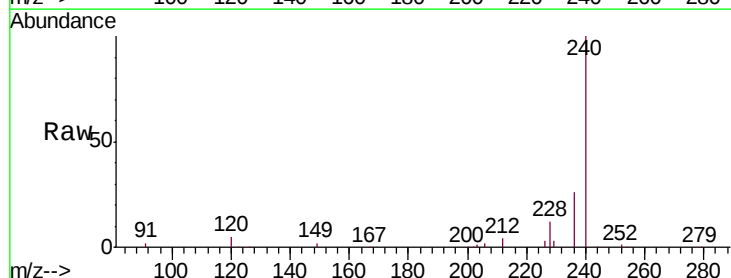
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

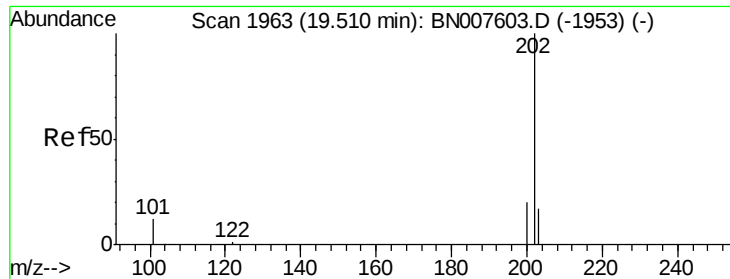
Tgt Ion:202 Resp: 85213
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.6 13.0
 203 17.2 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

Tgt Ion:240 Resp: 54762
 Ion Ratio Lower Upper
 240 100
 120 5.4 4.3 6.5
 236 26.0 20.8 31.2

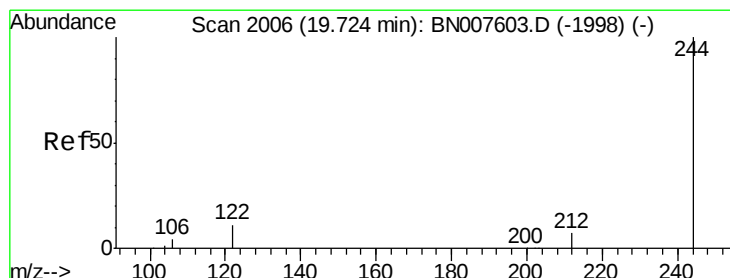
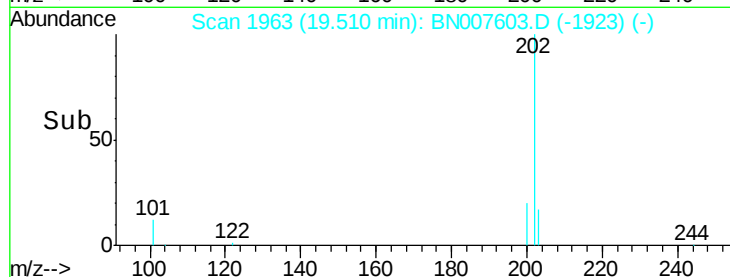
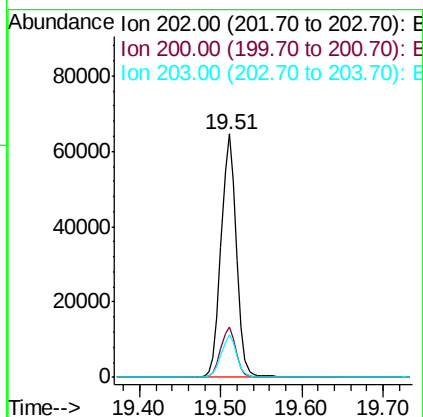
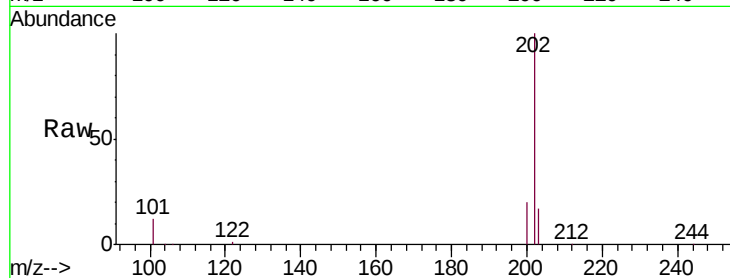




#28
 Pyrene
 Concen: 0.427 ng
 RT: 19.51 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

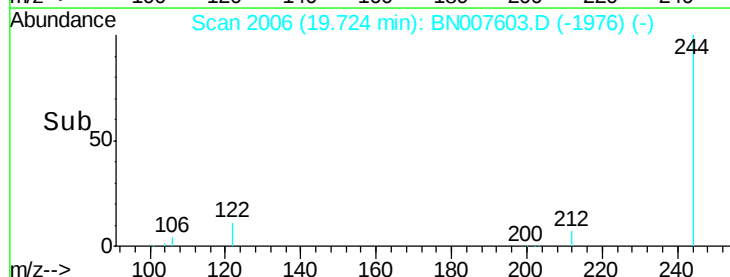
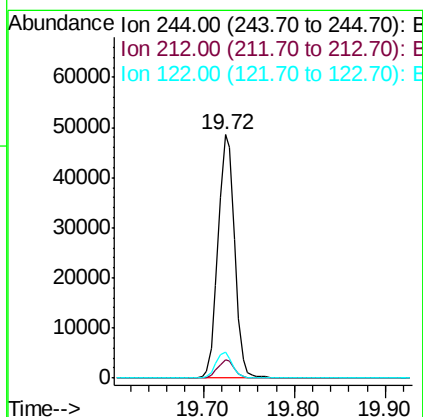
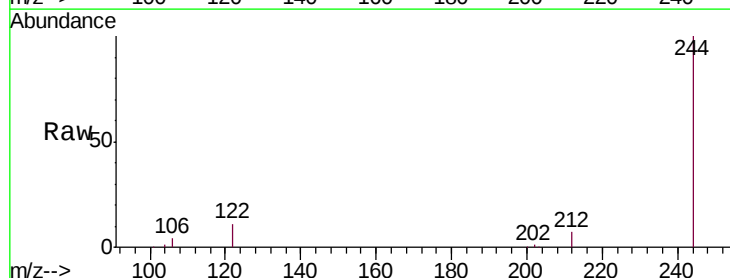
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

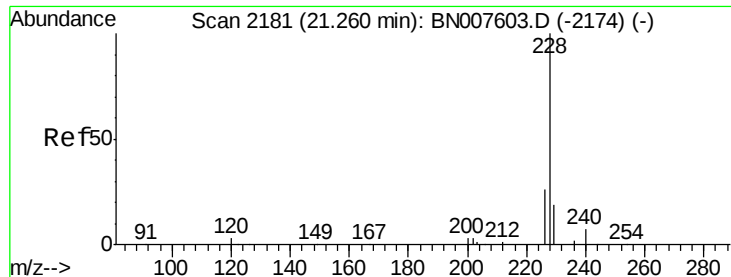
Tgt Ion:202 Resp: 84011
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.4 24.6
 203 17.5 14.0 21.0



#29
 Terphenyl-d14
 Concen: 0.423 ng
 RT: 19.72 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

Tgt Ion:244 Resp: 60322
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.7 8.6 12.8





#30

Benzo(a)anthracene

Concen: 0.412 ng

RT: 21.26 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

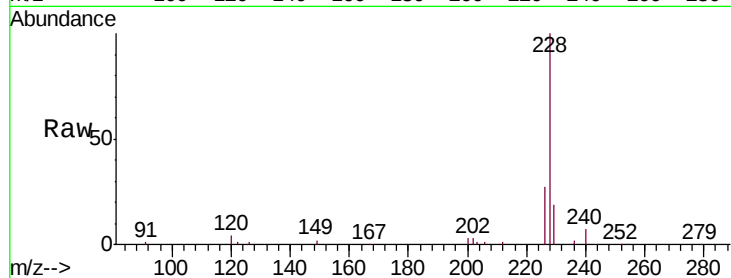
Tgt Ion:228 Resp: 80775

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

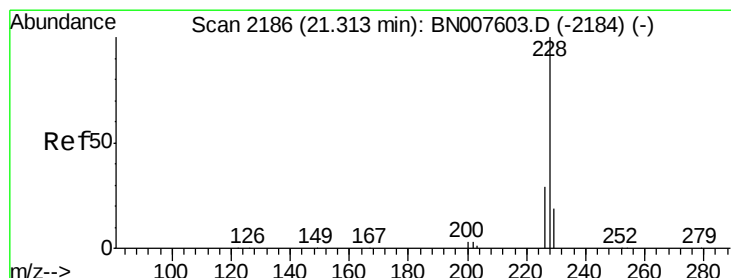
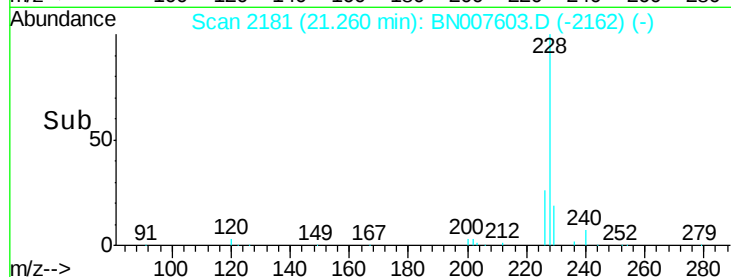
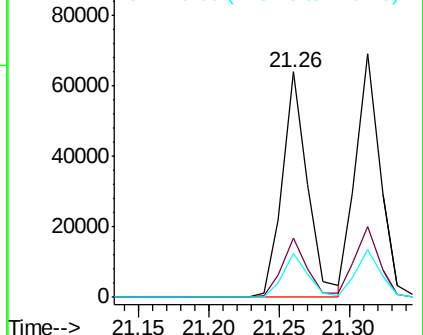
229 19.4 15.5 23.3



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: 0.422 ng

RT: 21.31 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

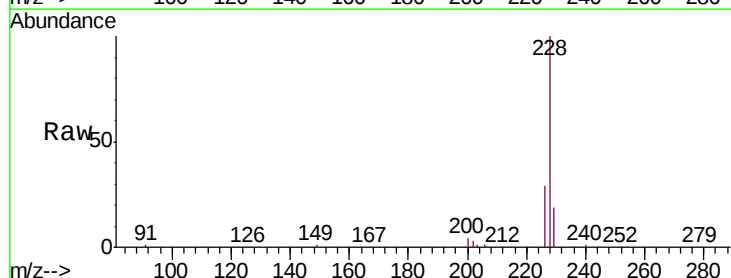
Tgt Ion:228 Resp: 83942

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

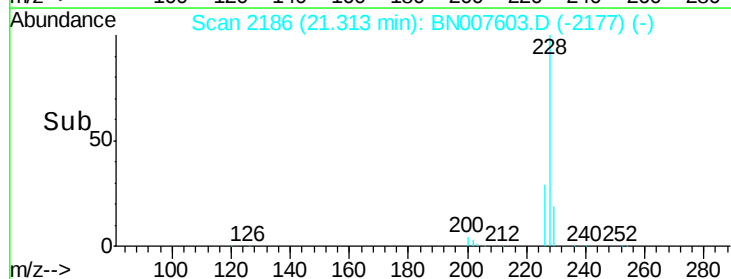
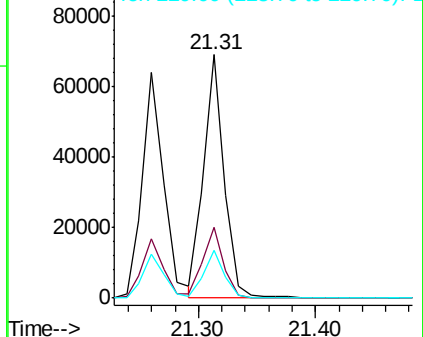
229 19.4 15.5 23.3

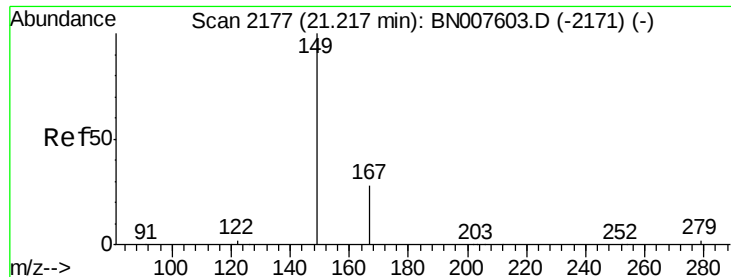


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.371 ng

RT: 21.22 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

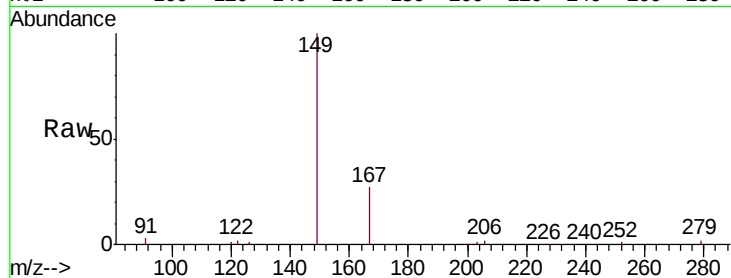
Tgt Ion:149 Resp: 24853

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

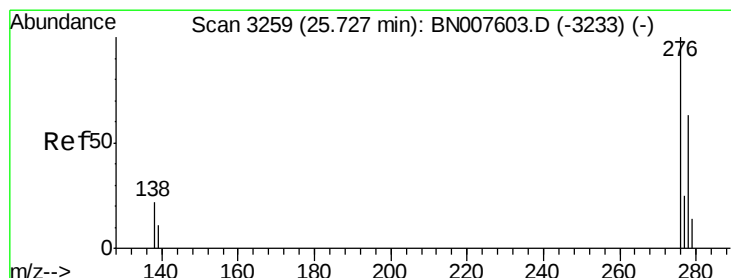
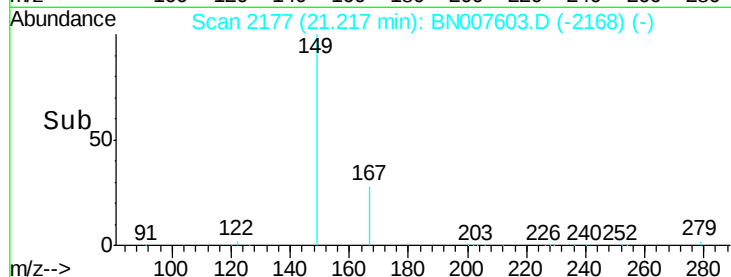
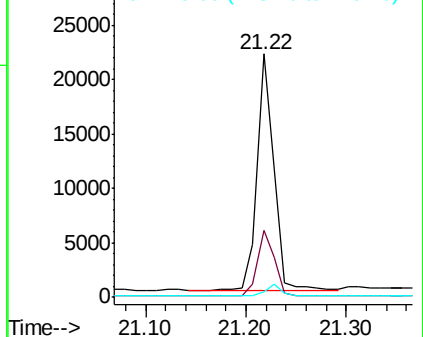
279 4.7 3.8 5.6



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: 0.431 ng

RT: 25.73 min Scan# 3259

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

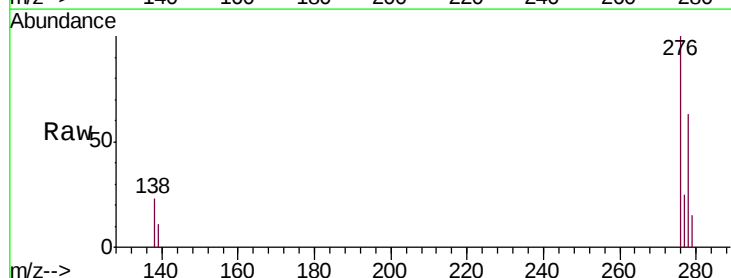
Tgt Ion:276 Resp: 90771

Ion Ratio Lower Upper

276 100

138 22.8 18.2 27.4

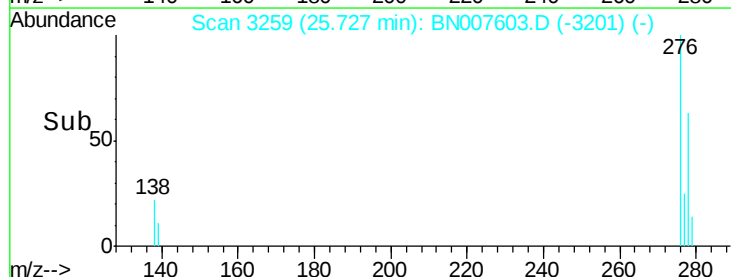
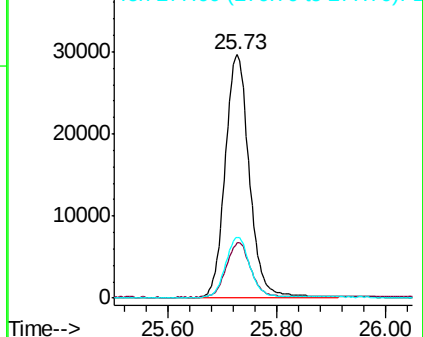
277 25.1 20.1 30.1

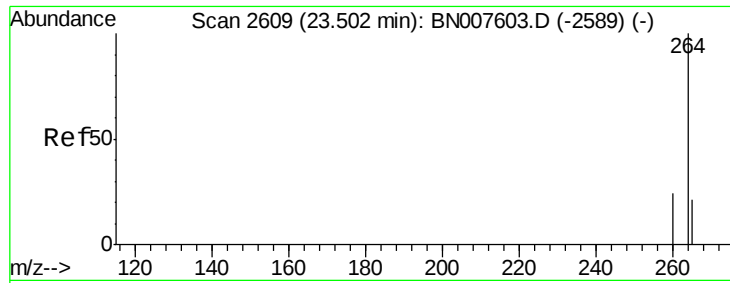


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

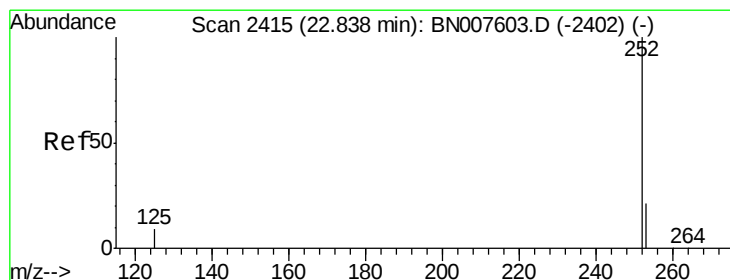
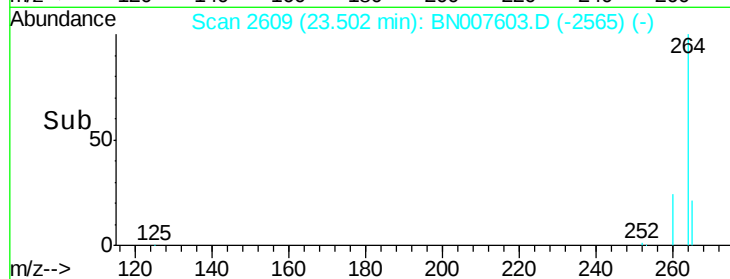
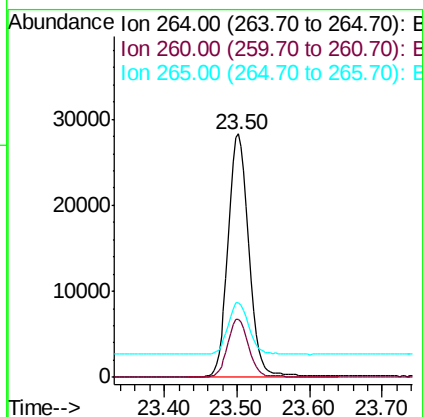
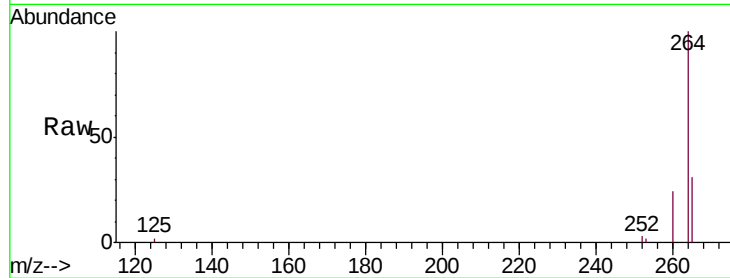




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

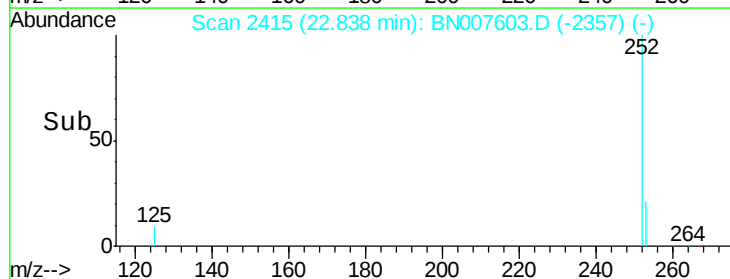
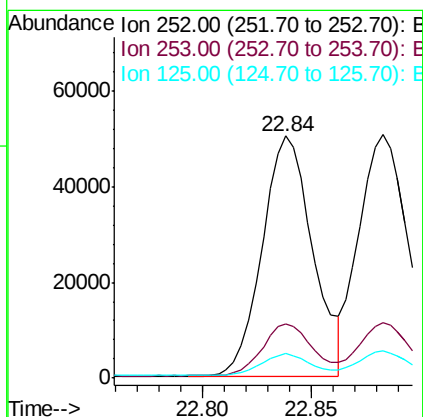
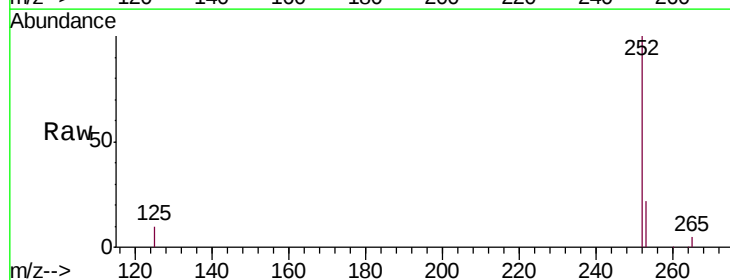
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

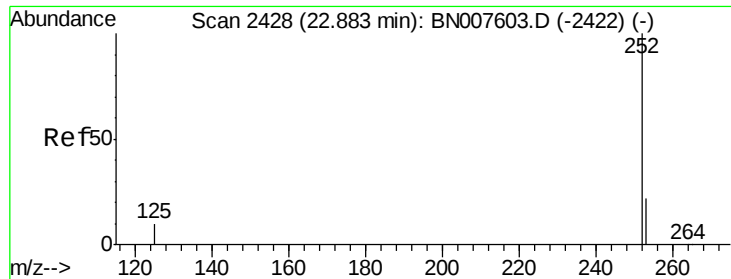
Tgt Ion:264 Resp: 55475
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 30.8 24.6 37.0



#35
Benzo(b)fluoranthene
 Concen: 0.411 ng
 RT: 22.84 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BN007603.D
 Acq: 12 Sep 2019 11:37

Tgt Ion:252 Resp: 81141
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 10.0 8.0 12.0

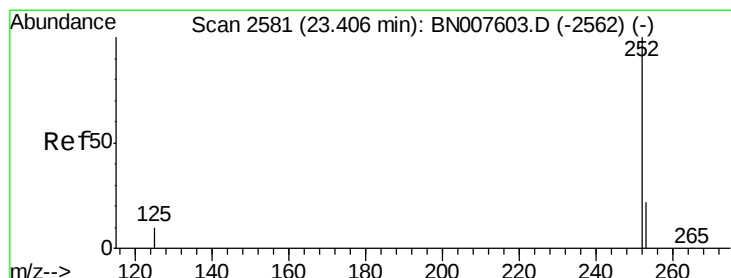
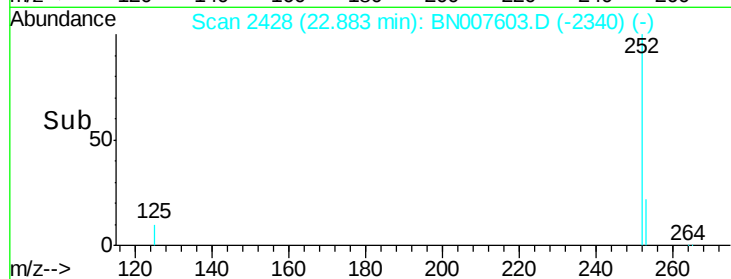
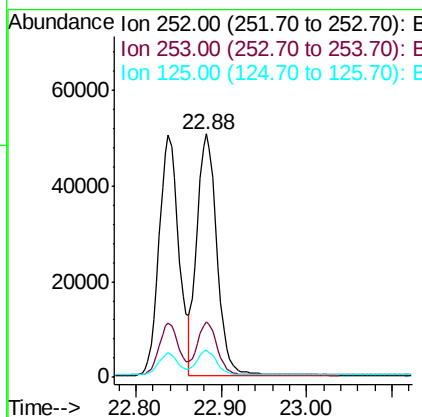
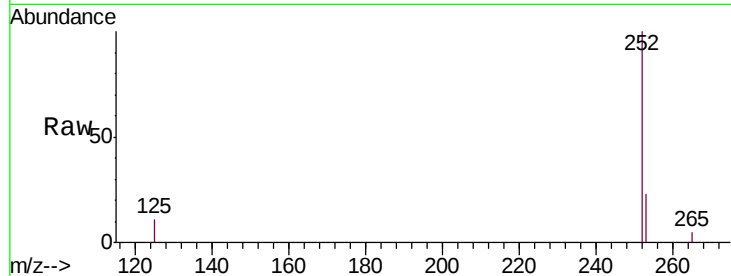




#36
Benzo(k)fluoranthene
Concen: 0.421 ng
RT: 22.88 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BN007603.D
Acq: 12 Sep 2019 11:37

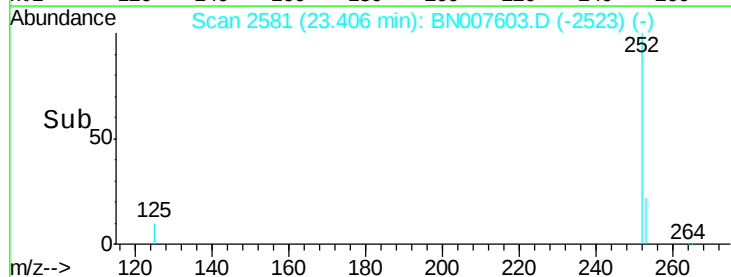
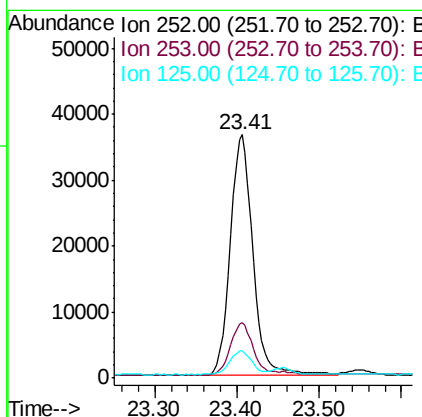
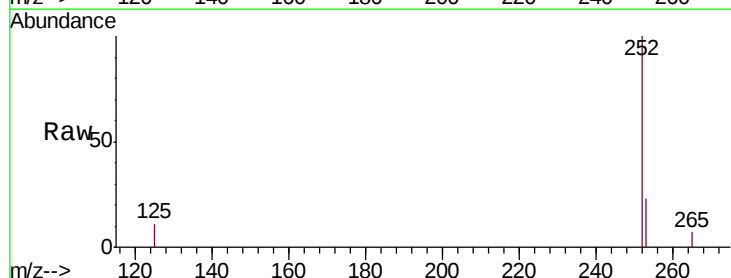
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

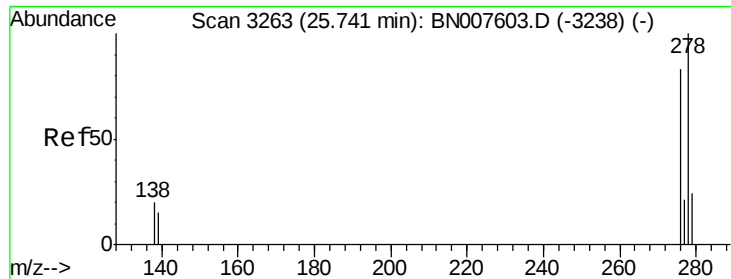
Tgt Ion:252 Resp: 81977
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 11.1 8.9 13.3



#37
Benzo(a)pyrene
Concen: 0.402 ng
RT: 23.41 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BN007603.D
Acq: 12 Sep 2019 11:37

Tgt Ion:252 Resp: 70477
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 11.1 8.9 13.3





#38

Dibenzo(a,h)anthracene

Concen: 0.428 ng

RT: 25.74 min Scan# 3263

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

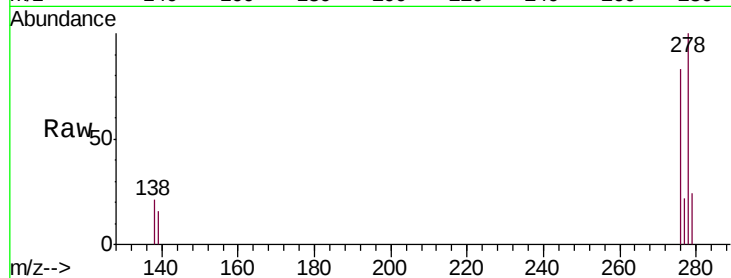
Tgt Ion:278 Resp: 75312

Ion Ratio Lower Upper

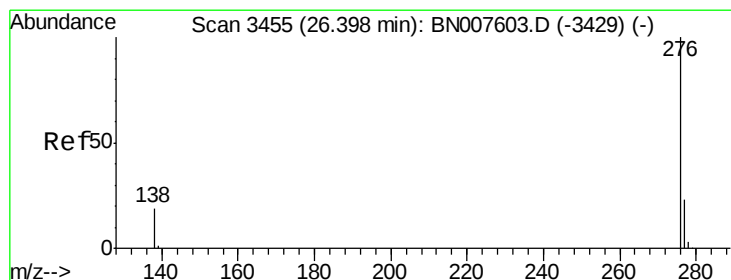
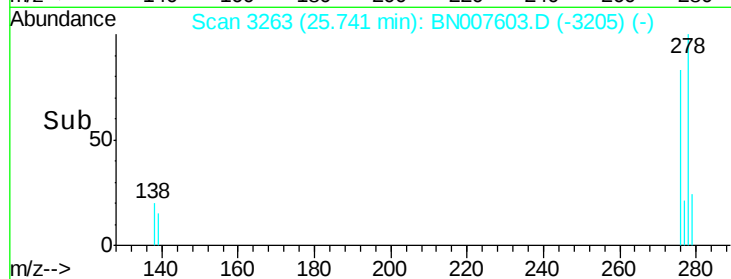
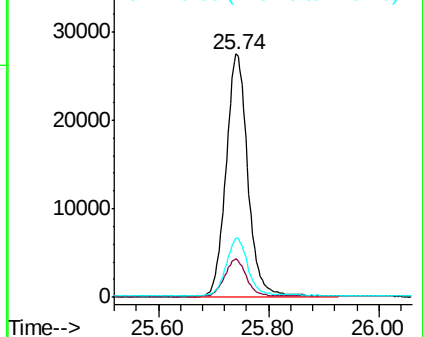
278 100

139 15.7 12.6 18.8

279 24.5 19.6 29.4



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: 0.413 ng

RT: 26.40 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BN007603.D

Acq: 12 Sep 2019 11:37

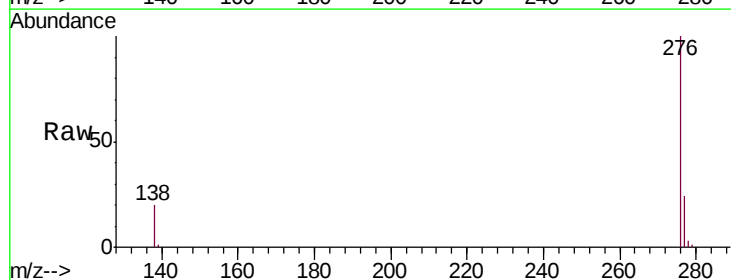
Tgt Ion:276 Resp: 73719

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 19.7 15.8 23.6



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

