

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070919\
 Data File : BN006771.D
 Acq On : 09 Jul 2019 17:41
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 10 04:19:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 13:11:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2525	0.40	ng	0.00
7) Naphthalene-d8	10.36	136	9519	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	5451	0.40	ng	0.00
19) Phenanthrene-d10	17.01	188	12446	0.40	ng	0.01
27) Chrysene-d12	21.24	240	12255	0.40	ng	0.00
34) Perylene-d12	23.46	264	14314	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1638	0.29	ng	0.02
5) Phenol-d6	6.84	99	2304	0.30	ng	0.02
8) Nitrobenzene-d5	8.81	82	1969	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	11.99	152	5154	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	779	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.87	172	7484	0.37	ng	0.01
25) Fluoranthene-d10	19.06	212	13647	0.36	ng	0.00
29) Terphenyl-d14	19.66	244	10176	0.38	ng	0.00

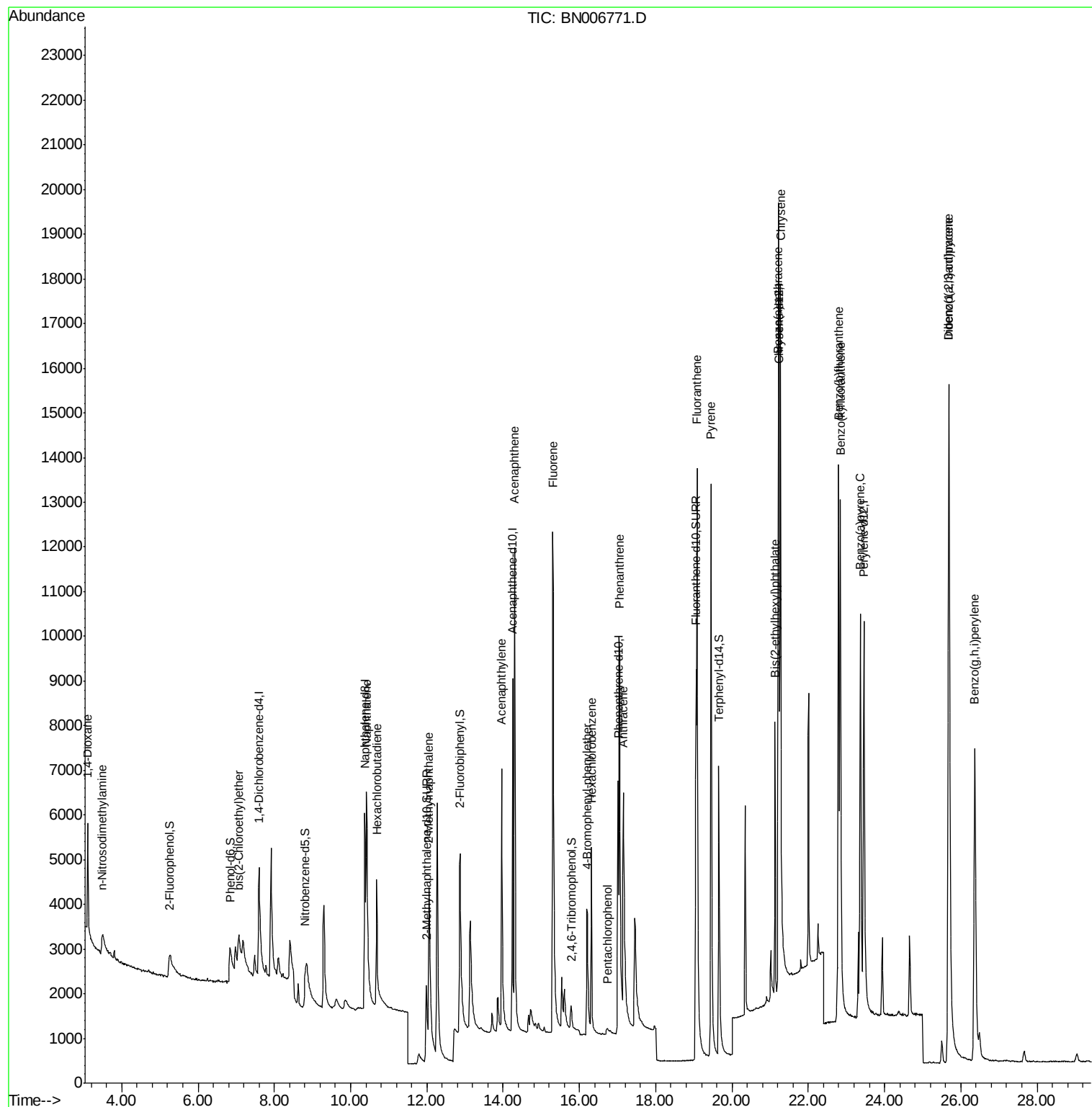
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	1609	0.388	ng	94
3) n-Nitrosodimethylamine	3.49	42	745	0.382	ng	99
6) bis(2-Chloroethyl)ether	7.06	93	2272	0.264	ng	93
9) Naphthalene	10.42	128	9672	0.379	ng	98
10) Hexachlorobutadiene	10.68	225	2182	0.395	ng	# 100
12) 2-Methylnaphthalene	12.06	142	5984	0.367	ng	97
16) Acenaphthylene	13.96	152	9240	0.359	ng	99
17) Acenaphthene	14.30	154	6649	0.385	ng	99
18) Fluorene	15.30	166	7817	0.365	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	2483	0.353	ng	92
21) Hexachlorobenzene	16.31	284	3607	0.393	ng	99
22) Pentachlorophenol	16.73	266	275	0.364	ng	# 83
23) Phenanthrene	17.06	178	12791	0.371	ng	100
24) Anthracene	17.15	178	10182	0.341	ng	100
26) Fluoranthene	19.09	202	16138	0.373	ng	100
28) Pyrene	19.45	202	16556	0.389	ng	100
30) Benzo(a)anthracene	21.22	228	13238	0.350	ng	98
31) Chrysene	21.27	228	16690	0.394	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	5147	0.293	ng	99
33) Indeno(1,2,3-cd)pyrene	25.69	276	21147	0.408	ng	99
35) Benzo(b)fluoranthene	22.79	252	16531	0.367	ng	99
36) Benzo(k)fluoranthene	22.84	252	19833	0.393	ng	99
37) Benzo(a)pyrene	23.37	252	16063	0.368	ng	97
38) Dibenzo(a,h)anthracene	25.69	278	16779	0.382	ng	100
39) Benzo(g,h,i)perylene	26.36	276	17946	0.389	ng	99

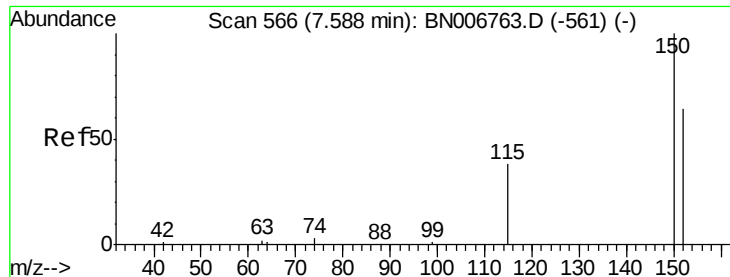
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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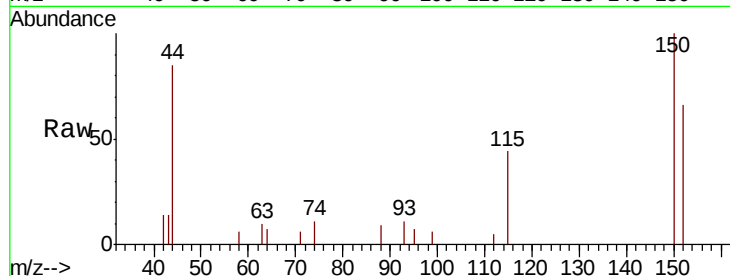


#1

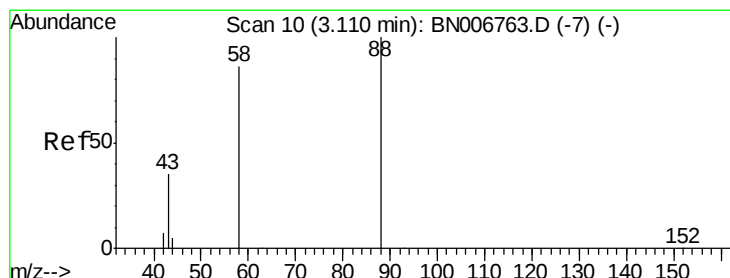
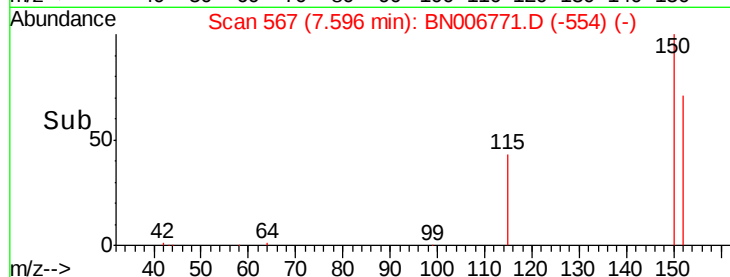
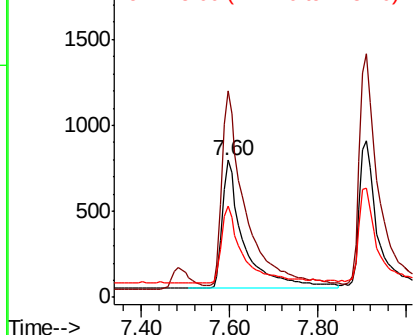
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.60 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BN006771.D
 Acq: 09 Jul 2019 17:41

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 152 Resp: 2525
 Ion Ratio Lower Upper
 152 100
 150 151.1 123.6 185.4
 115 67.0 52.5 78.7



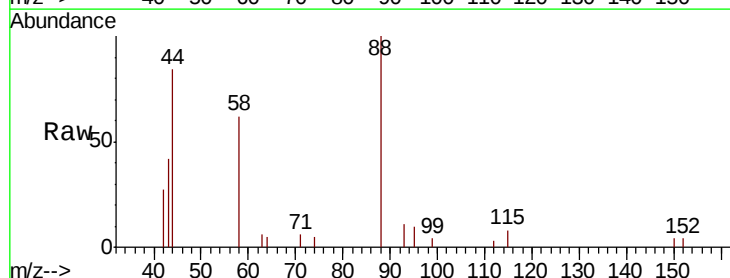
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



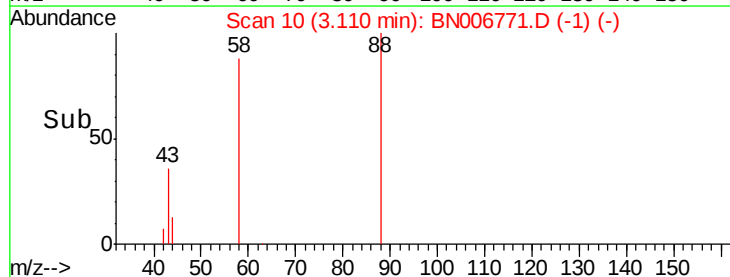
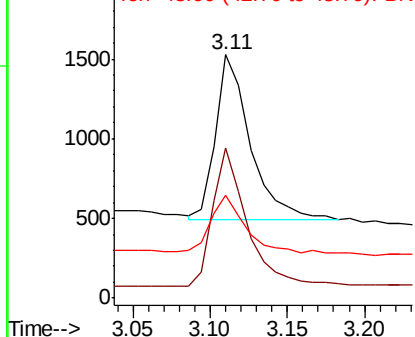
#2

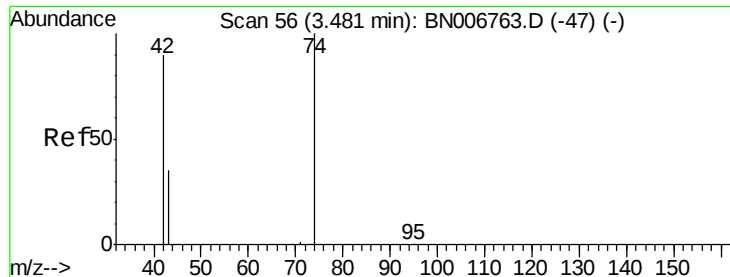
1,4-Dioxane
 Concen: 0.388 ng
 RT: 3.11 min Scan# 10
 Delta R.T. 0.00 min
 Lab File: BN006771.D
 Acq: 09 Jul 2019 17:41

Tgt Ion: 88 Resp: 1609
 Ion Ratio Lower Upper
 88 100
 58 84.3 61.8 92.6
 43 35.2 27.9 41.9



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: 0.382 ng

RT: 3.49 min Scan# 57

Delta R.T. 0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

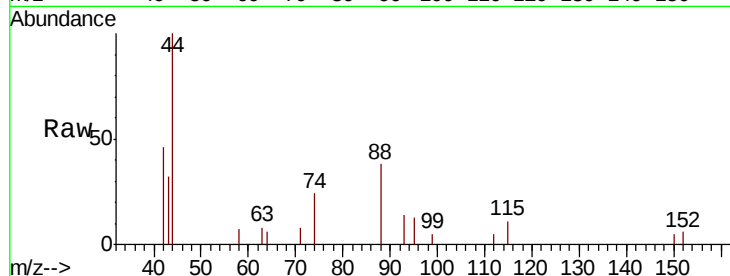
Tgt Ion: 42 Resp: 745

Ion Ratio Lower Upper

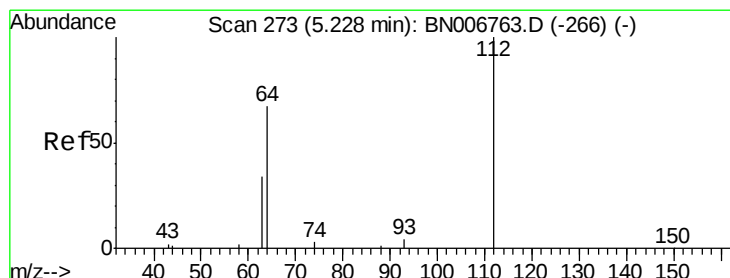
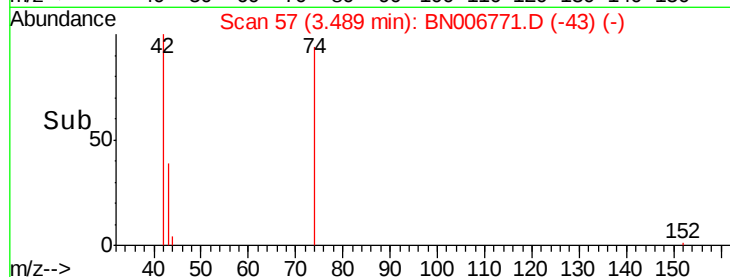
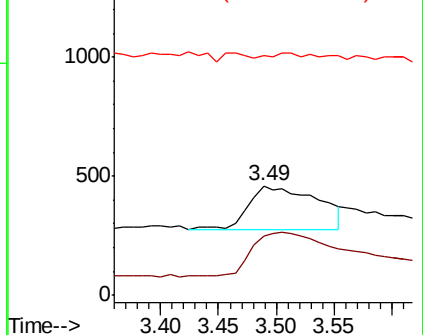
42 100

74 106.6 86.2 129.4

44 8.1 7.0 10.6



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.292 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.02 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

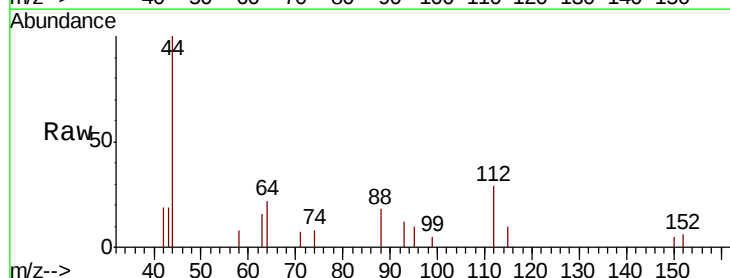
Tgt Ion: 112 Resp: 1638

Ion Ratio Lower Upper

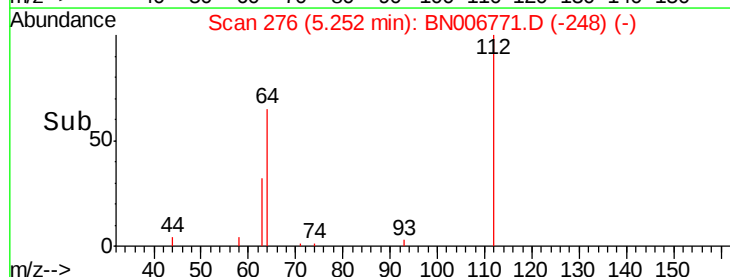
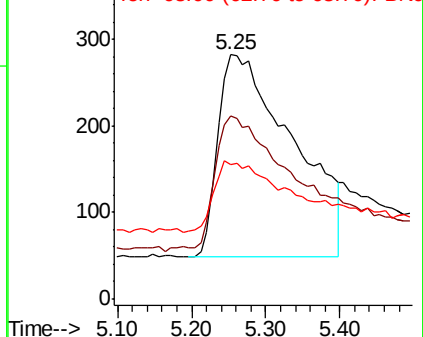
112 100

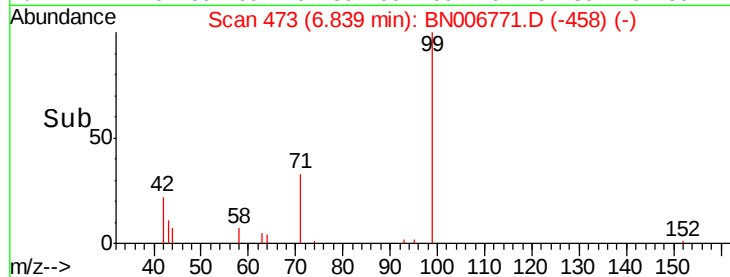
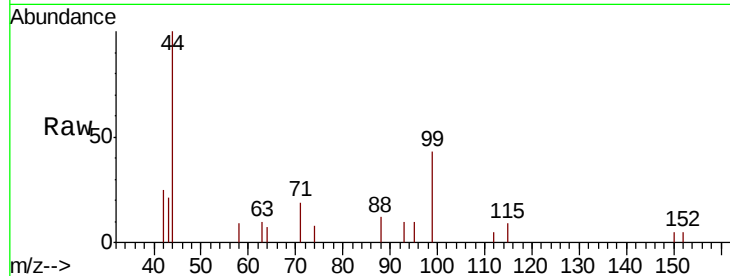
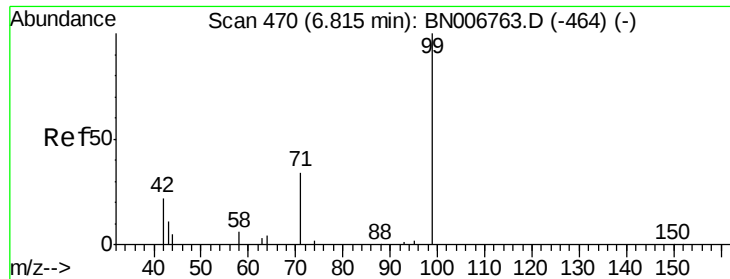
64 70.5 52.7 79.1

63 36.8 27.7 41.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.298 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.02 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

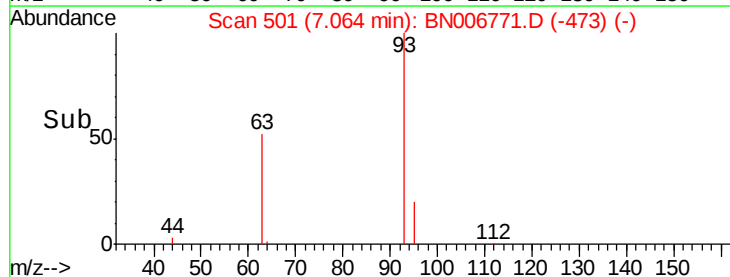
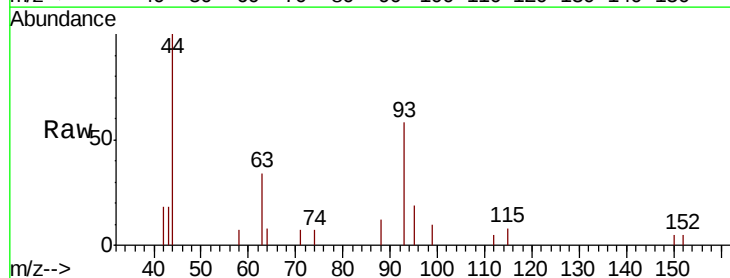
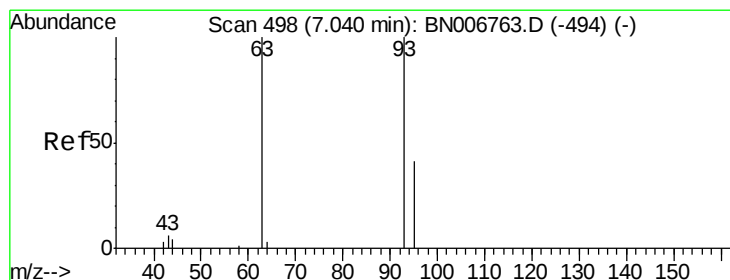
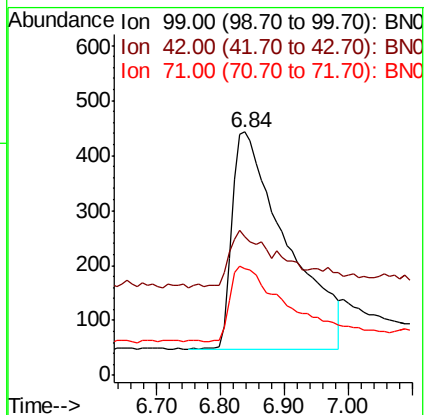
Tgt Ion: 99 Resp: 2304

Ion Ratio Lower Upper

99 100

42 22.2 17.0 25.6

71 36.1 29.1 43.7



#6

bis(2-Chloroethyl)ether

Concen: 0.264 ng

RT: 7.06 min Scan# 501

Delta R.T. 0.02 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

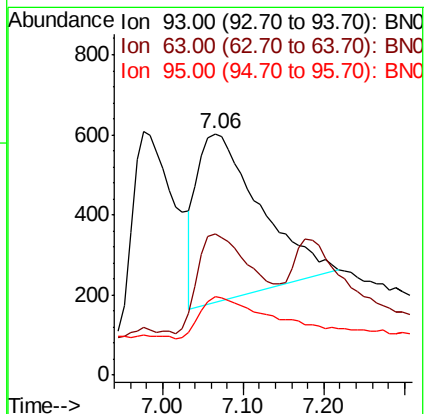
Tgt Ion: 93 Resp: 2272

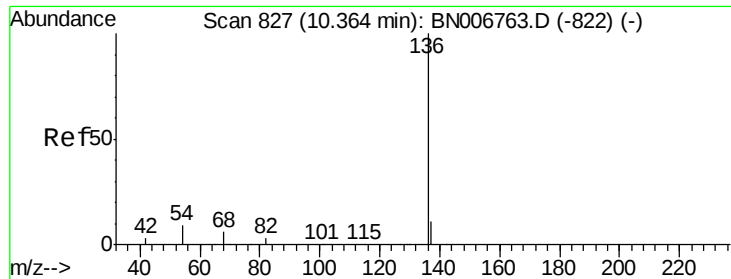
Ion Ratio Lower Upper

93 100

63 53.3 48.6 73.0

95 29.0 22.9 34.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 9519

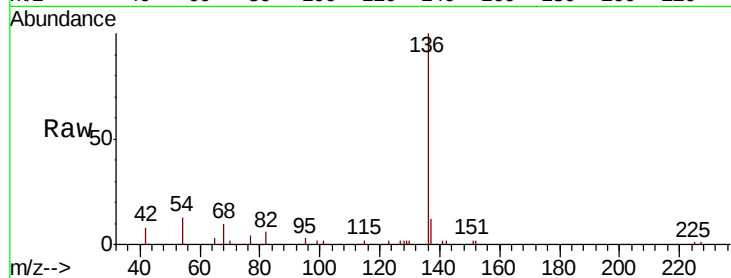
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 13.3 8.4 12.6#

68 9.6 6.4 9.6

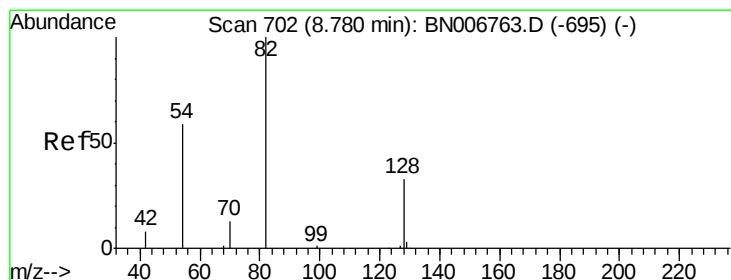
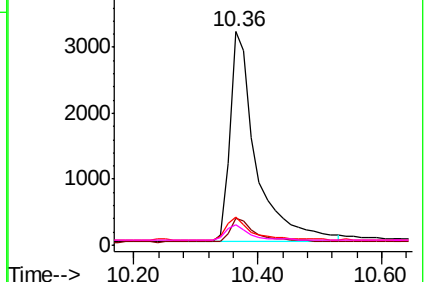
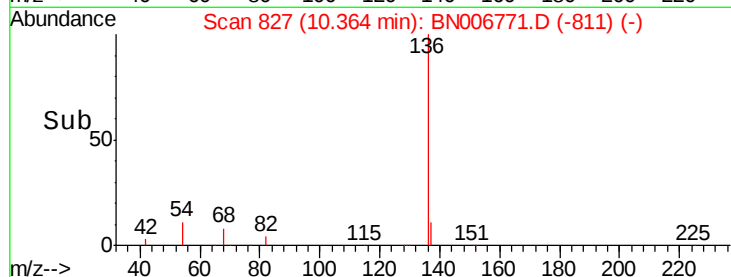


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.303 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.03 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

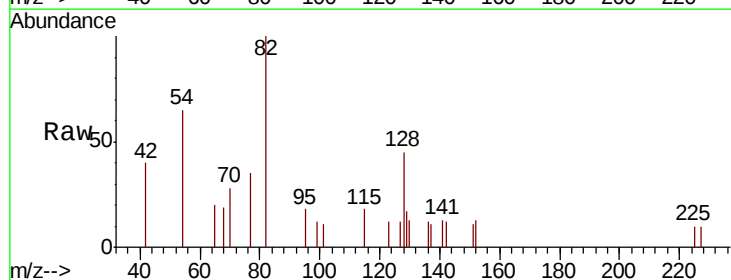
Tgt Ion: 82 Resp: 1969

Ion Ratio Lower Upper

82 100

128 45.4 33.0 49.6

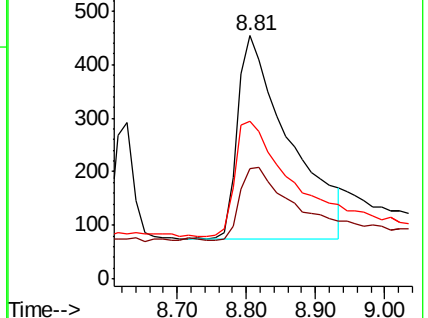
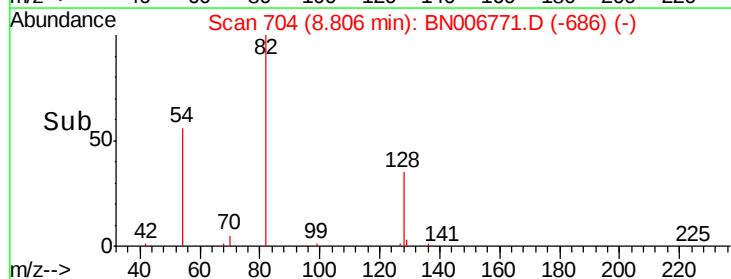
54 64.8 52.2 78.2

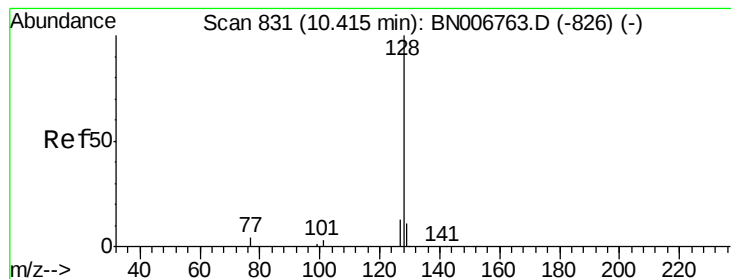


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.379 ng

RT: 10.42 min Scan# 831

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

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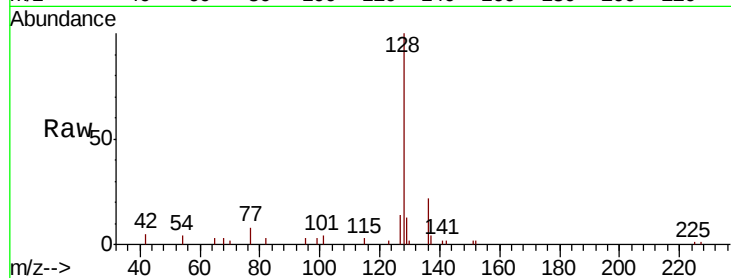
Tgt Ion:128 Resp: 9672

Ion Ratio Lower Upper

128 100

129 12.8 9.6 14.4

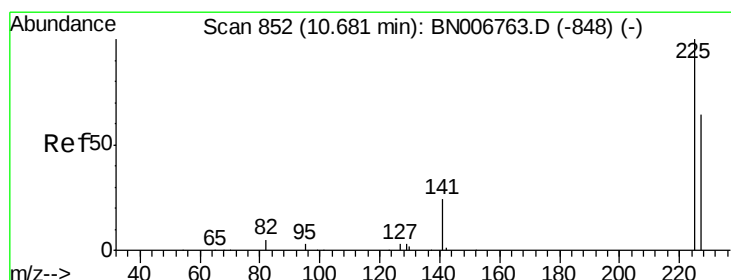
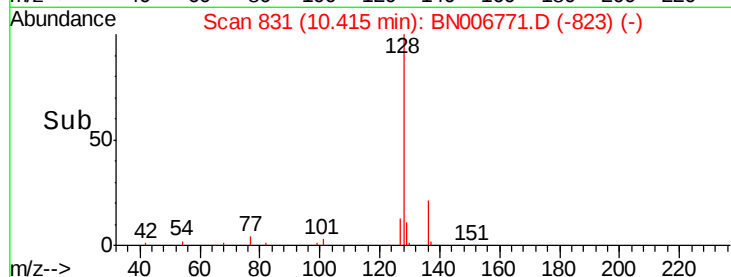
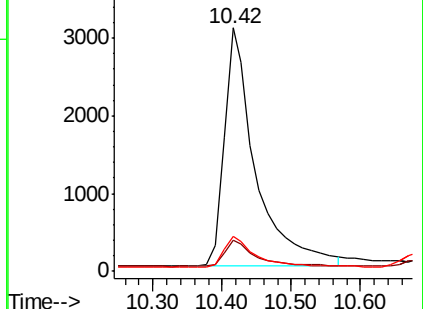
127 14.3 11.0 16.4



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: 0.395 ng

RT: 10.68 min Scan# 852

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

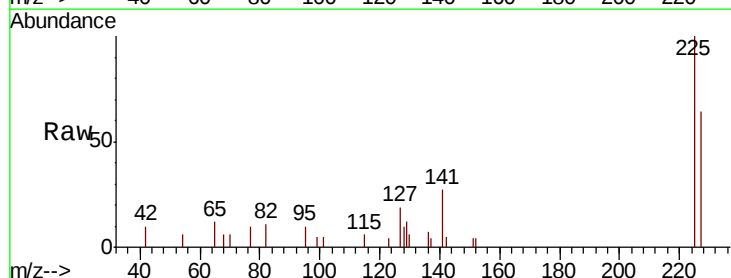
Tgt Ion:225 Resp: 2182

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

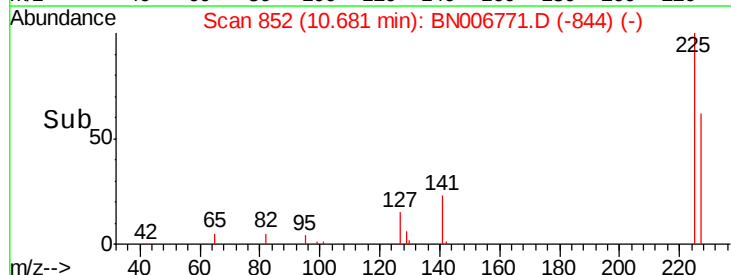
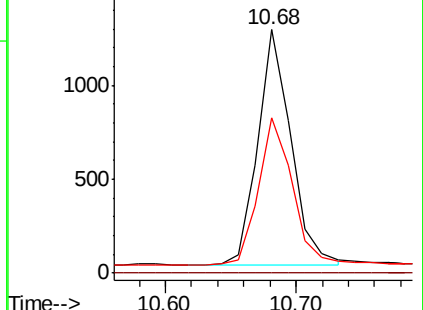
227 63.8 50.8 76.2

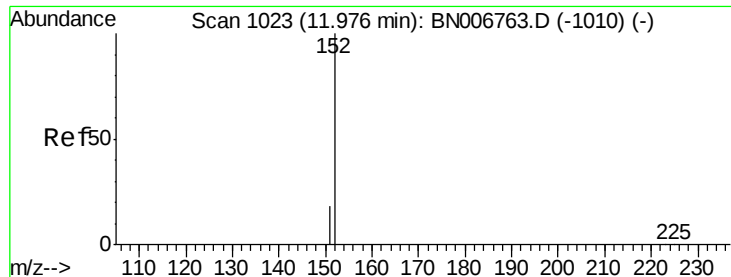


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

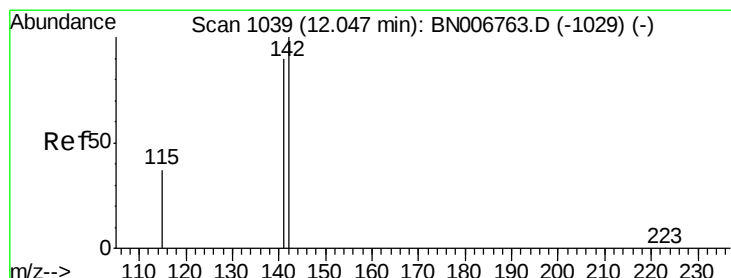
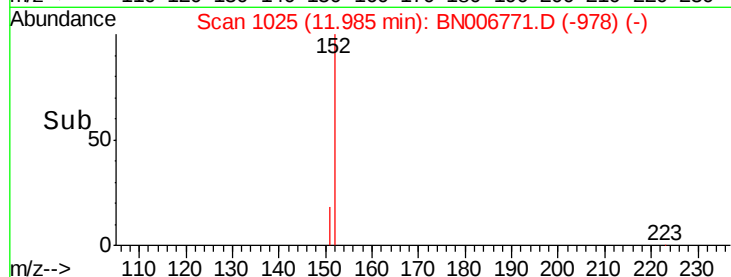
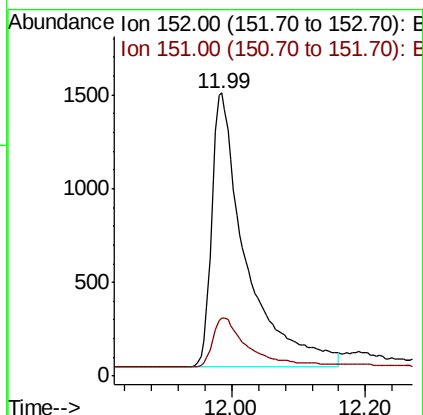
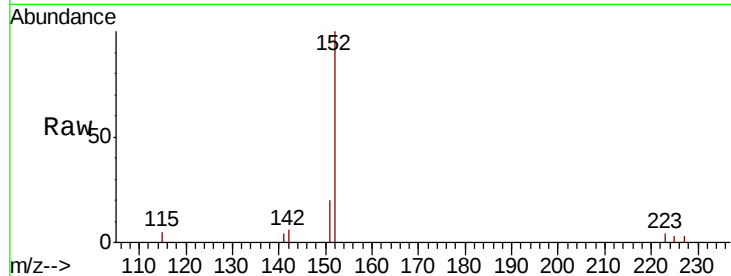




#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 11.99 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

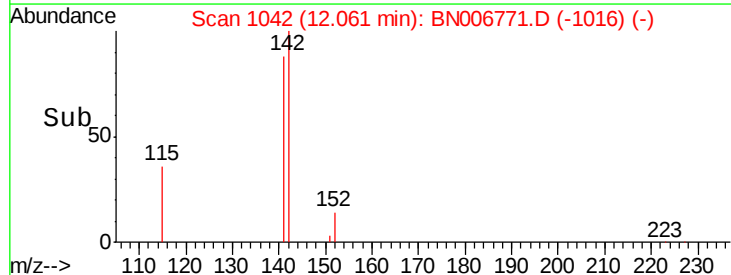
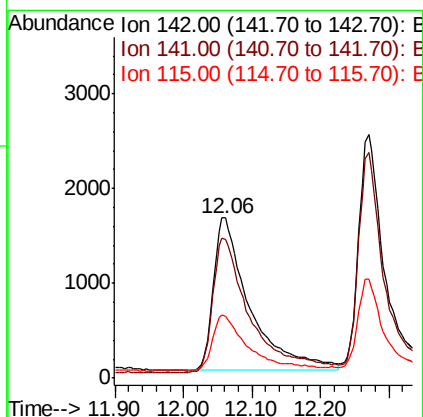
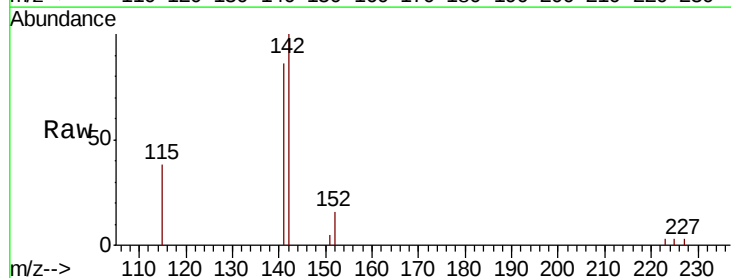
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

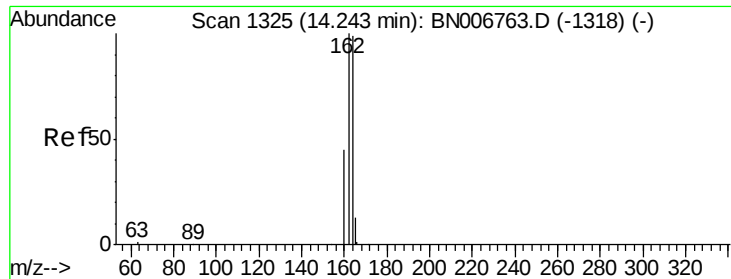
Tgt Ion:152 Resp: 5154
Ion Ratio Lower Upper
152 100
151 18.9 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.367 ng
RT: 12.06 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:142 Resp: 5984
Ion Ratio Lower Upper
142 100
141 86.4 71.7 107.5
115 38.4 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

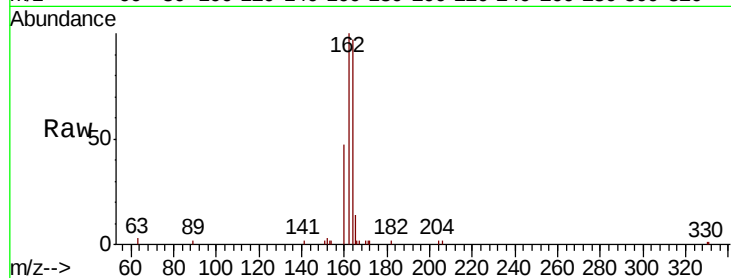
Tgt Ion:164 Resp: 5451

Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

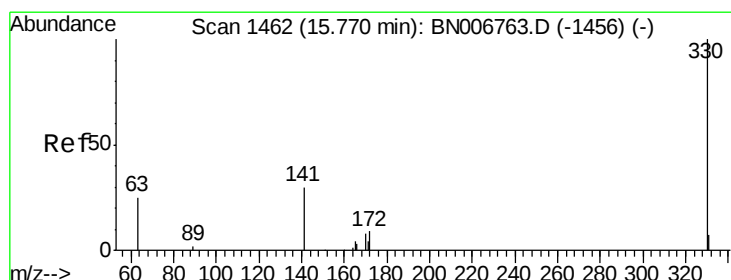
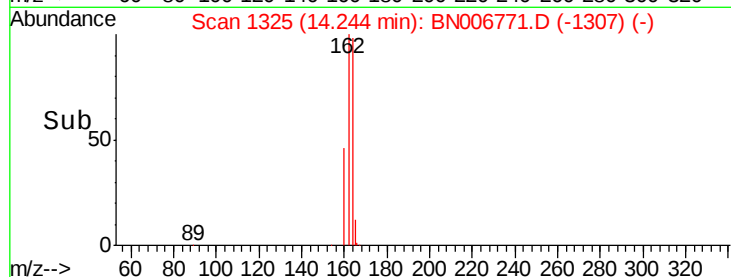
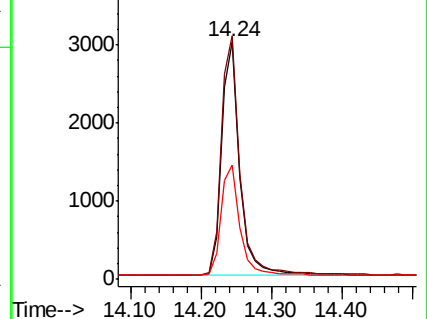
160 48.4 37.4 56.0



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: 0.306 ng

RT: 15.78 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

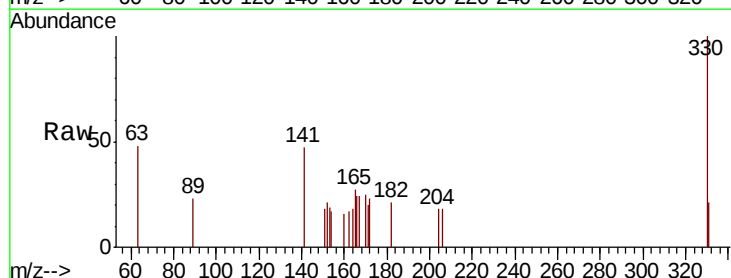
Tgt Ion:330 Resp: 779

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

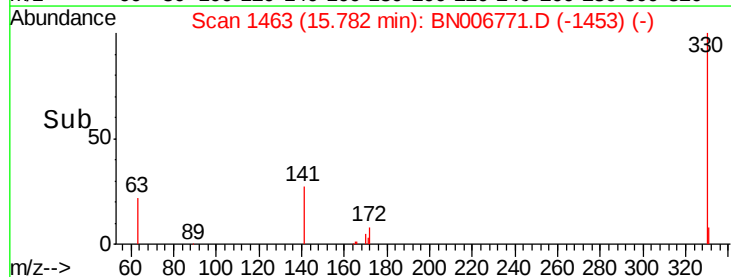
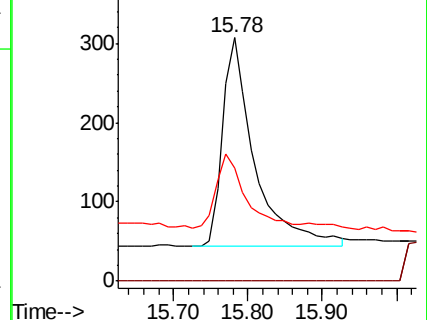
141 31.7 26.6 39.8

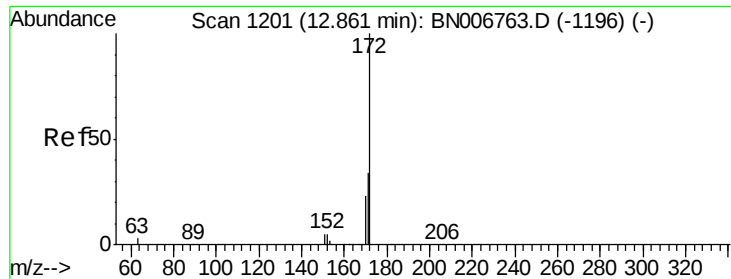


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

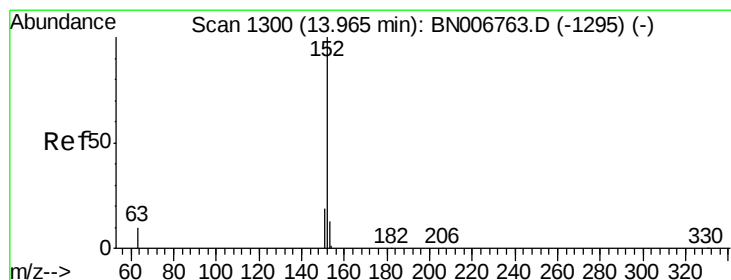
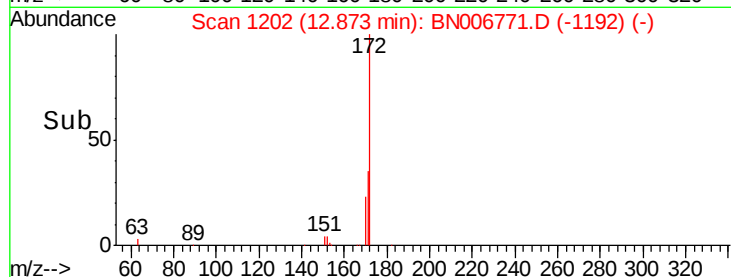
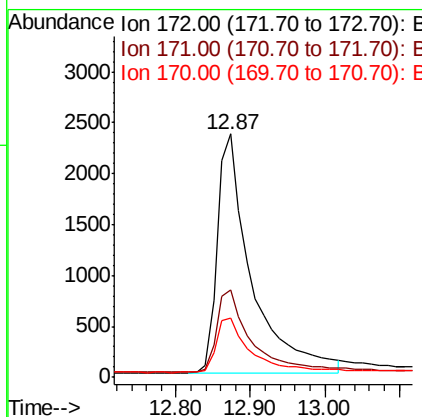
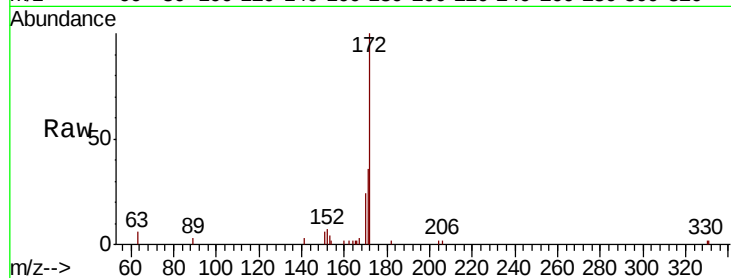




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.87 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

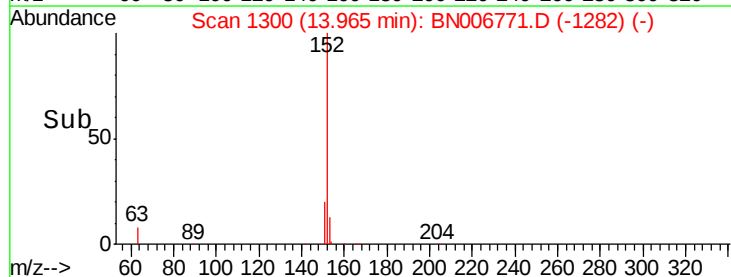
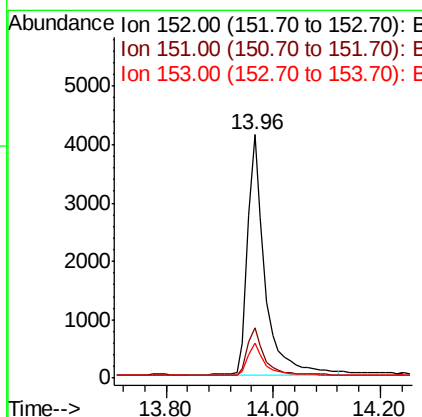
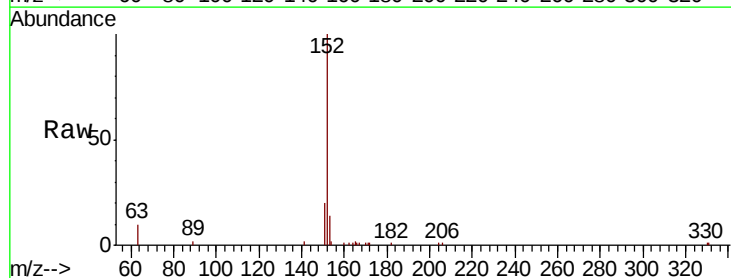
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

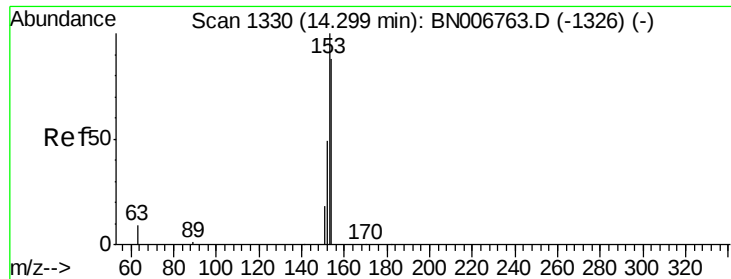
Tgt Ion:172 Resp: 7484
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 24.3 19.0 28.6



#16
Acenaphthylene
Concen: 0.359 ng
RT: 13.96 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:152 Resp: 9240
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

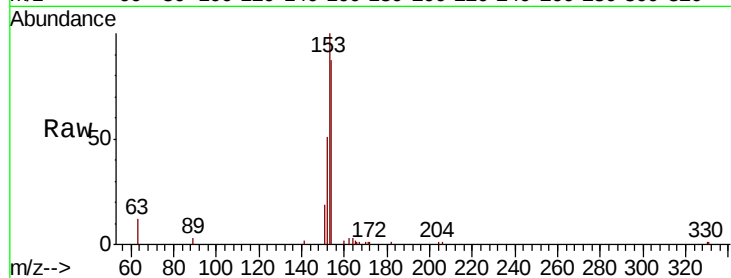
Tgt Ion:154 Resp: 6649

Ion Ratio Lower Upper

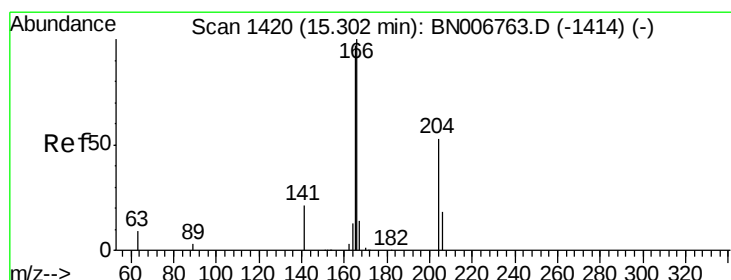
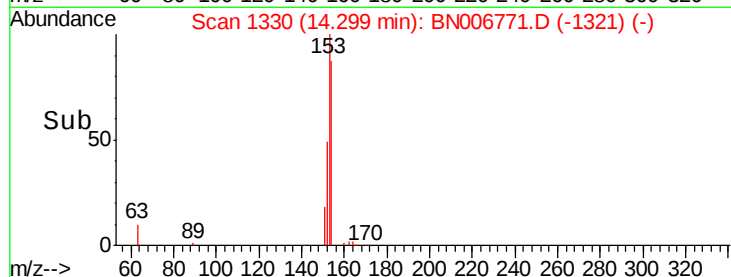
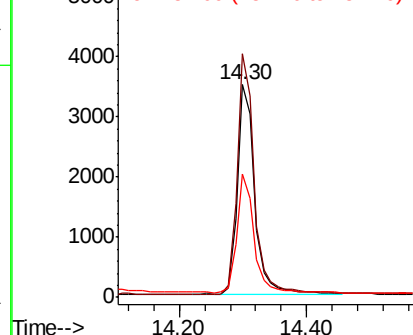
154 100

153 112.2 90.8 136.2

152 54.8 44.9 67.3



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: 0.365 ng

RT: 15.30 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

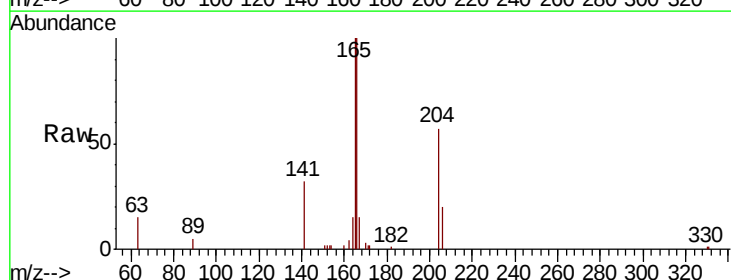
Tgt Ion:166 Resp: 7817

Ion Ratio Lower Upper

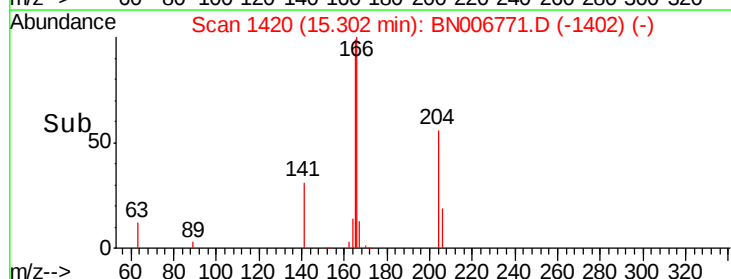
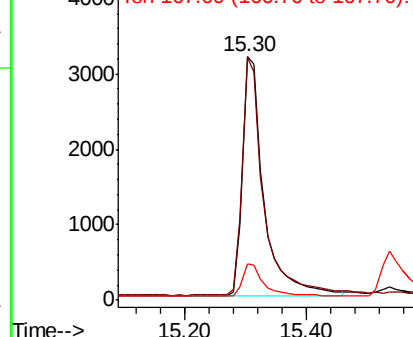
166 100

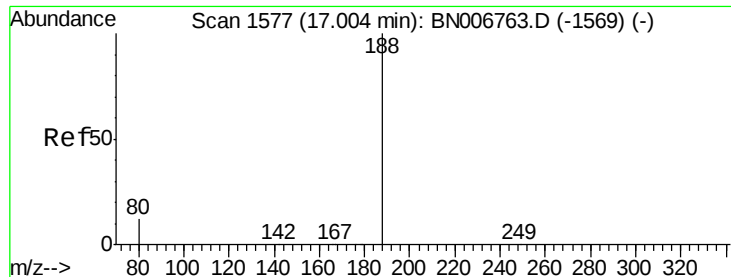
165 97.8 78.2 117.4

167 13.3 10.9 16.3



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: 17.01 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

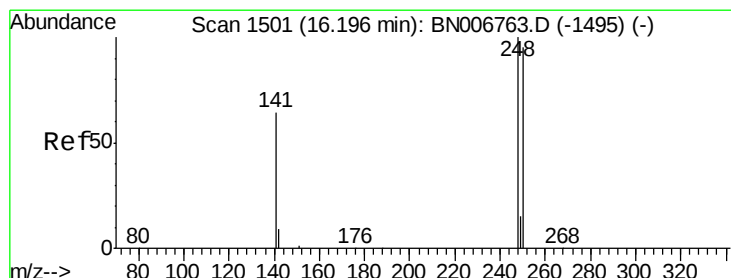
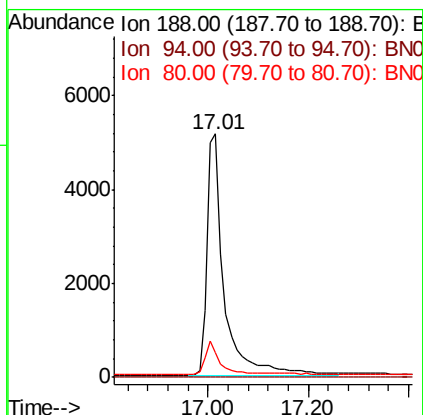
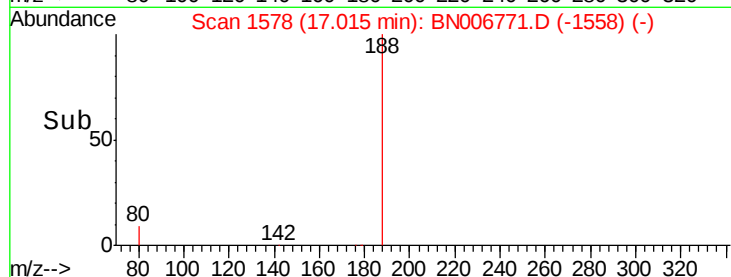
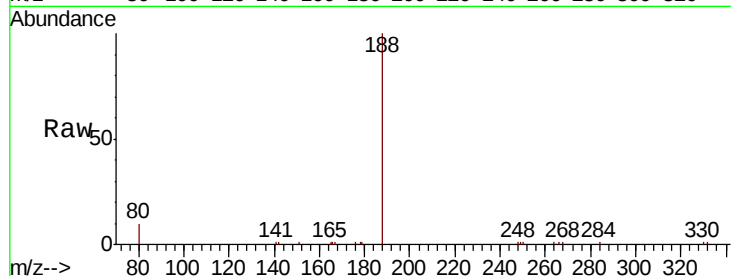
Tgt Ion:188 Resp: 12446

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 10.1 15.1#



#20

4-Bromophenyl-phenylether

Concen: 0.353 ng

RT: 16.21 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

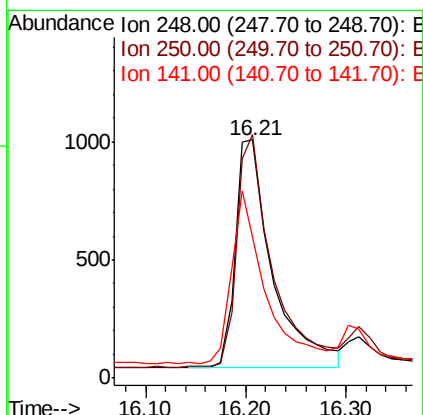
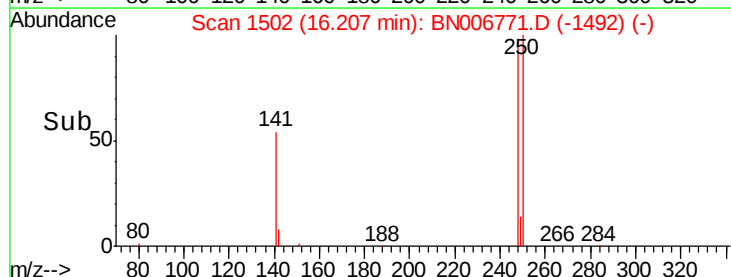
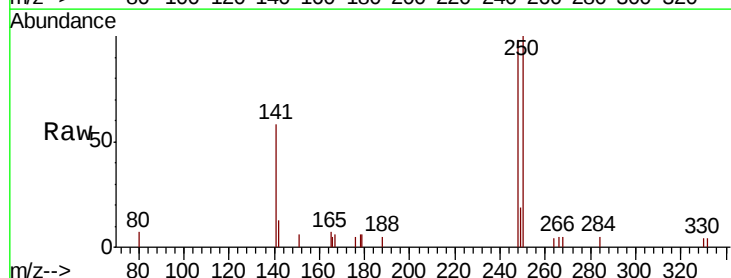
Tgt Ion:248 Resp: 2483

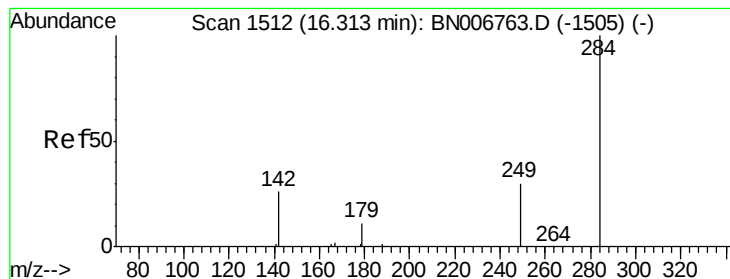
Ion Ratio Lower Upper

248 100

250 102.3 76.5 114.7

141 59.1 53.2 79.8





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.31 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

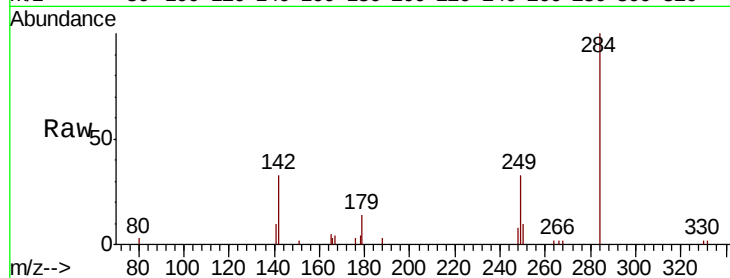
Tgt Ion:284 Resp: 3607

Ion Ratio Lower Upper

284 100

142 35.2 27.0 40.4

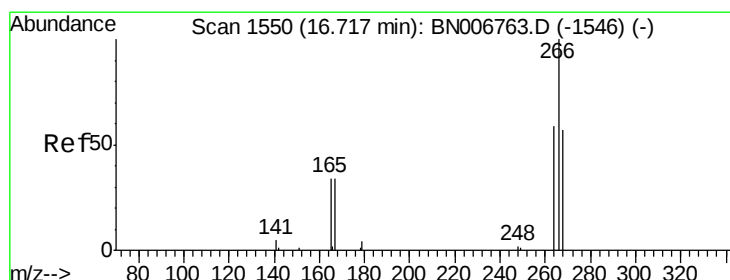
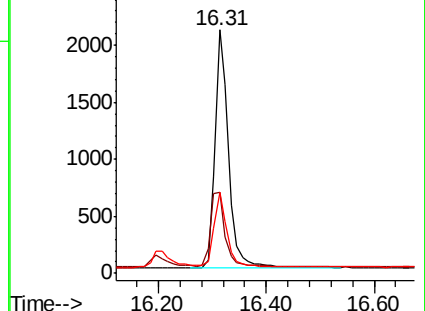
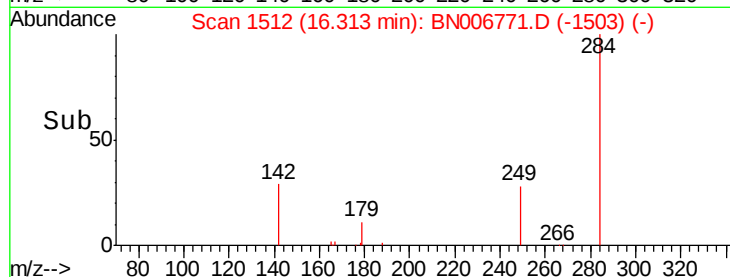
249 30.3 24.3 36.5



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: 0.364 ng

RT: 16.73 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

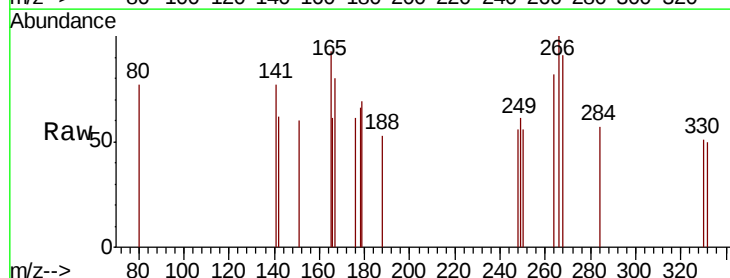
Tgt Ion:266 Resp: 275

Ion Ratio Lower Upper

266 100

264 82.2 56.2 84.4

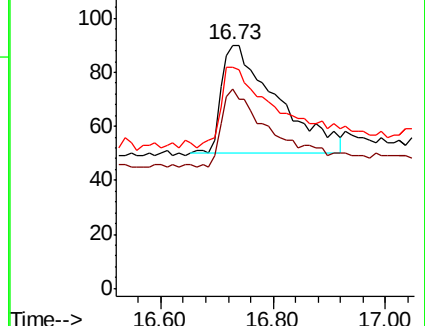
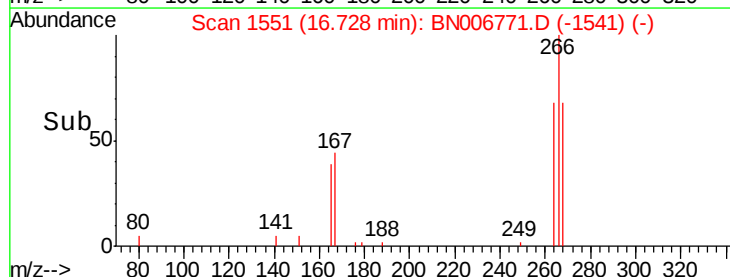
268 91.1 60.2 90.2#

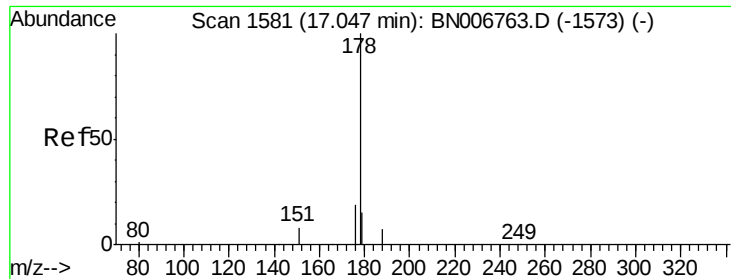


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.371 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

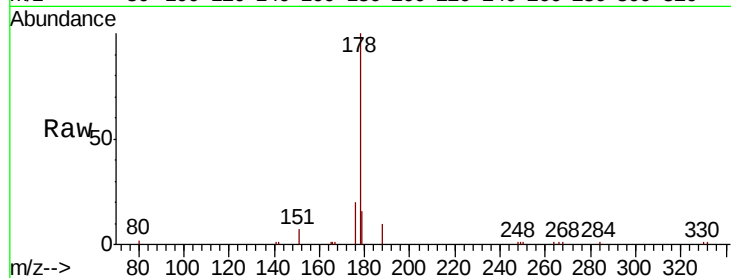
Tgt Ion:178 Resp: 12791

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

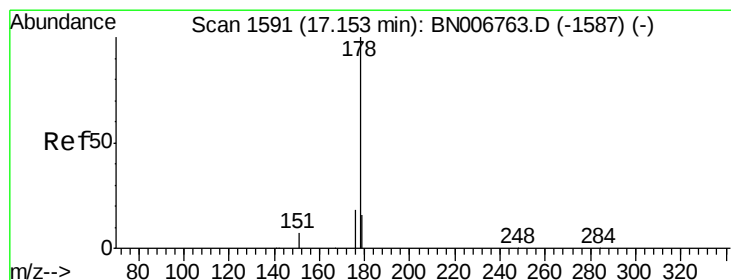
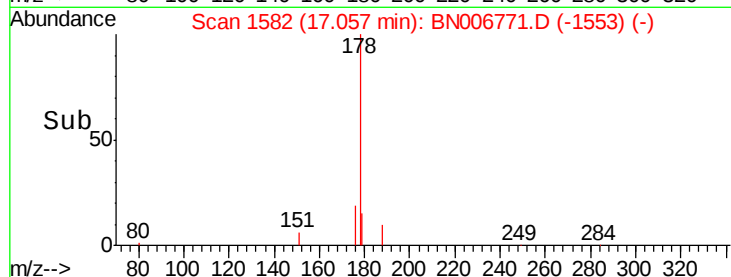
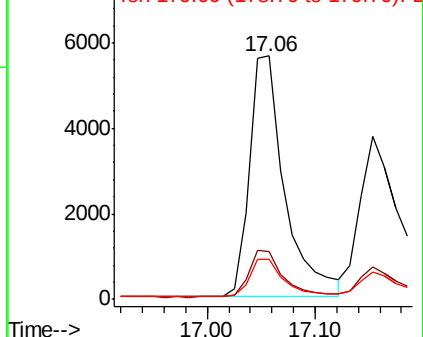
179 15.5 12.2 18.2



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: 0.341 ng

RT: 17.15 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

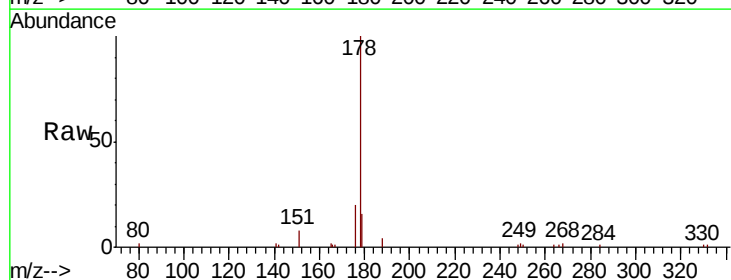
Tgt Ion:178 Resp: 10182

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

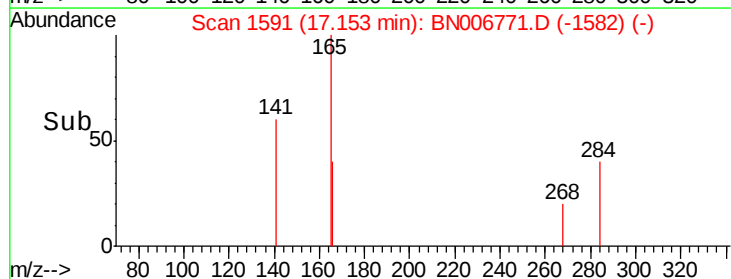
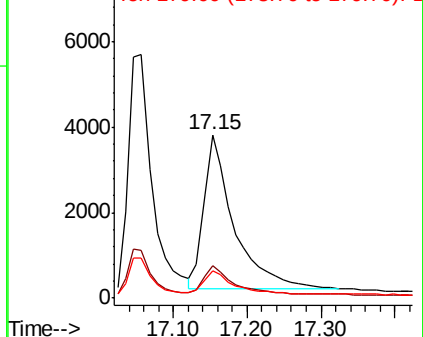
179 15.1 12.1 18.1

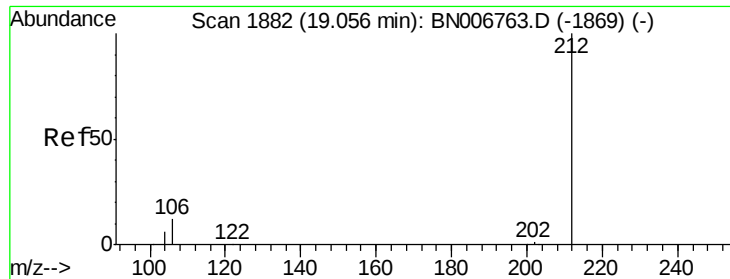


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

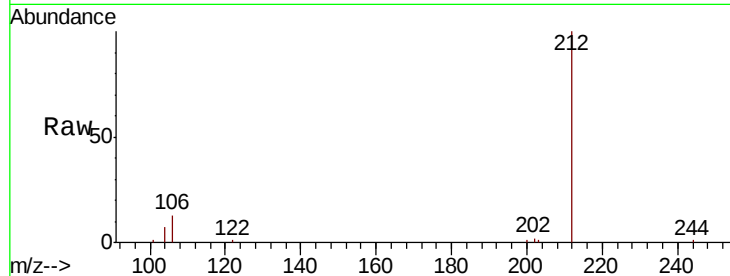
Tgt Ion:212 Resp: 13647

Ion Ratio Lower Upper

212 100

106 13.2 10.5 15.7

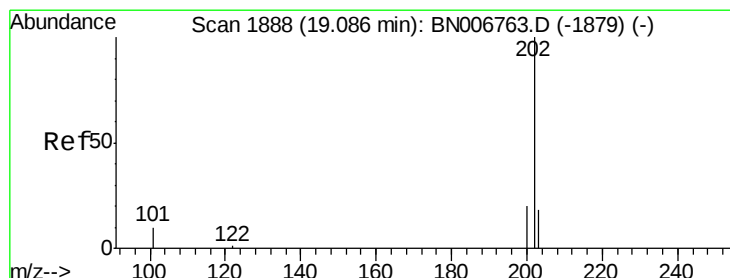
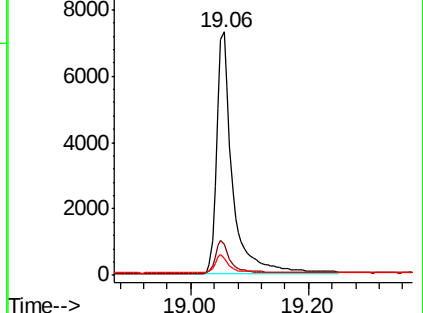
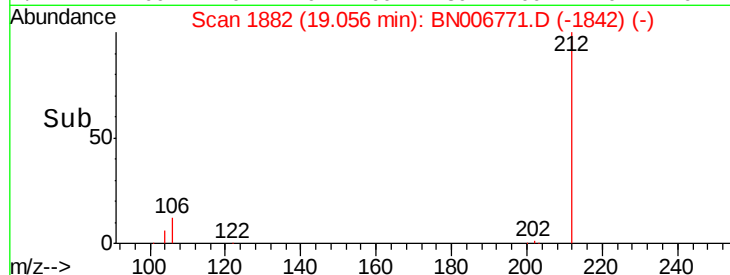
104 7.2 5.9 8.9



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: 0.373 ng

RT: 19.09 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

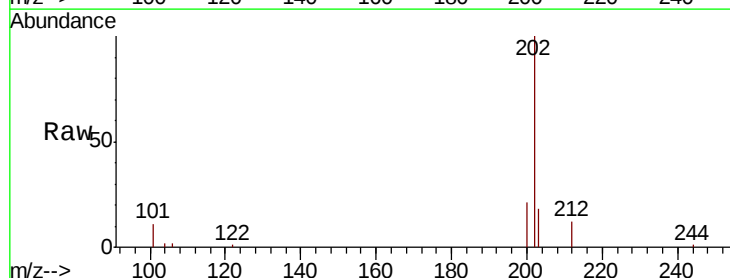
Tgt Ion:202 Resp: 16138

Ion Ratio Lower Upper

202 100

101 10.8 8.8 13.2

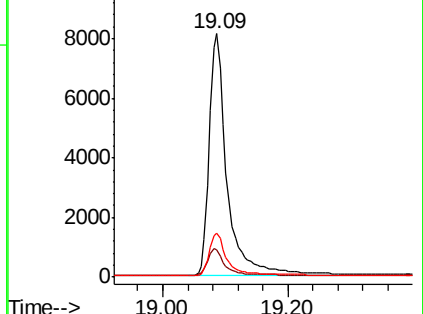
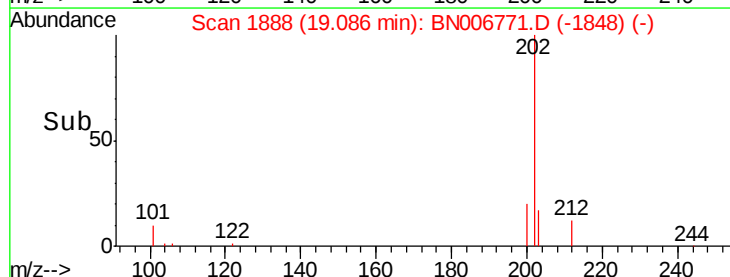
203 16.9 13.6 20.4

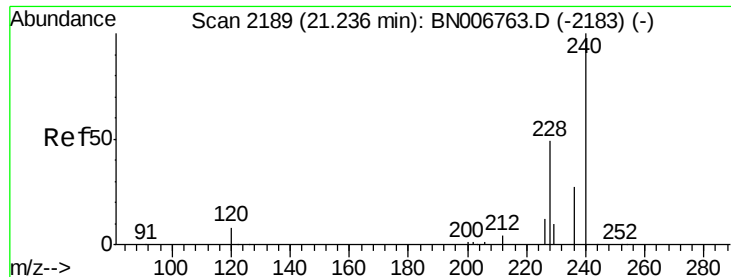


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.24 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

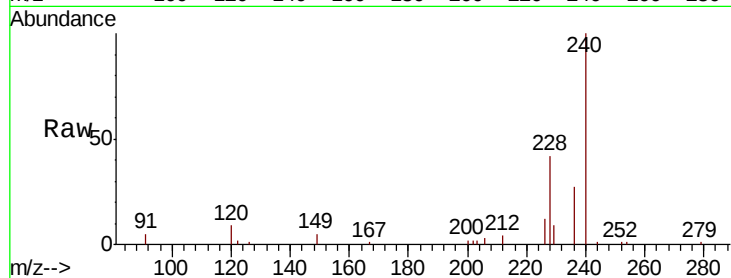
Tgt Ion:240 Resp: 12255

Ion Ratio Lower Upper

240 100

120 8.7 8.1 12.1

236 26.8 21.8 32.6

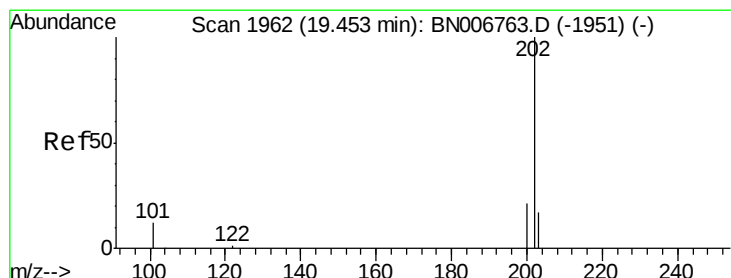
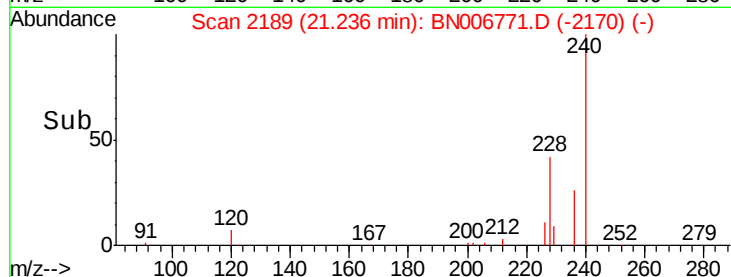
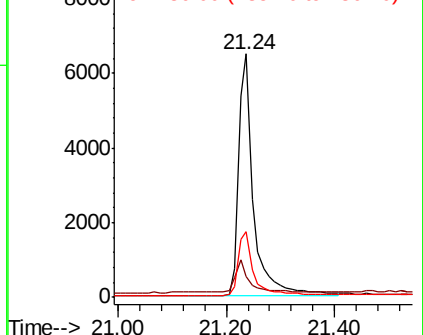


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.389 ng

RT: 19.45 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

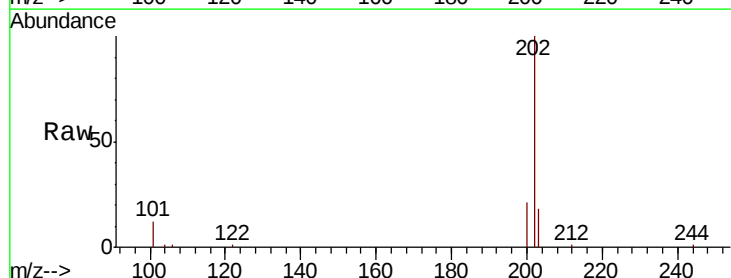
Tgt Ion:202 Resp: 16556

Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 17.6 14.0 21.0

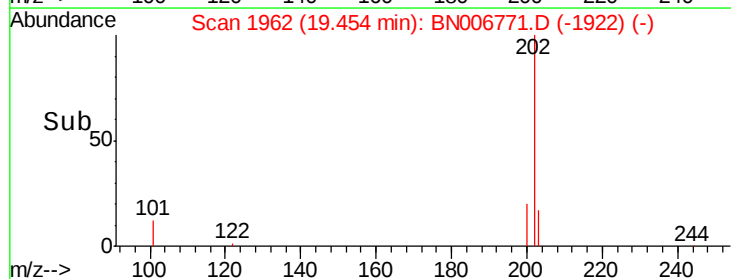
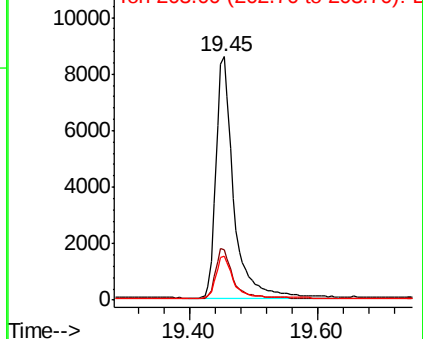


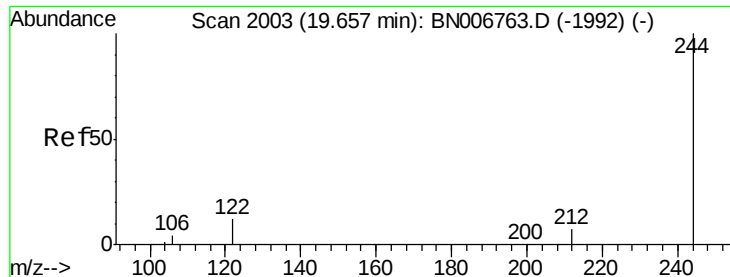
Abundance

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: 0.377 ng

RT: 19.66 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

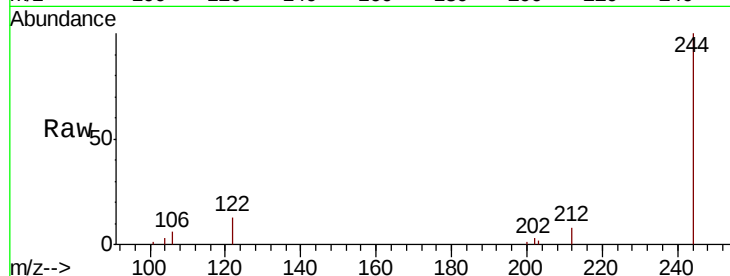
Tgt Ion:244 Resp: 10176

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

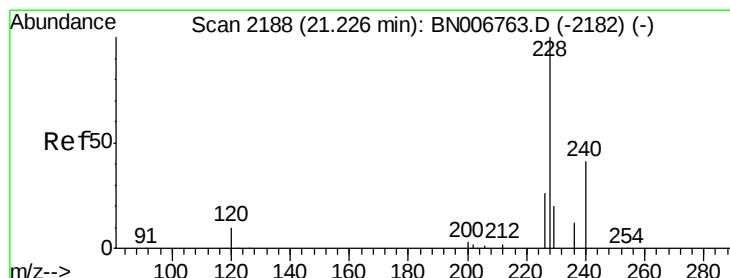
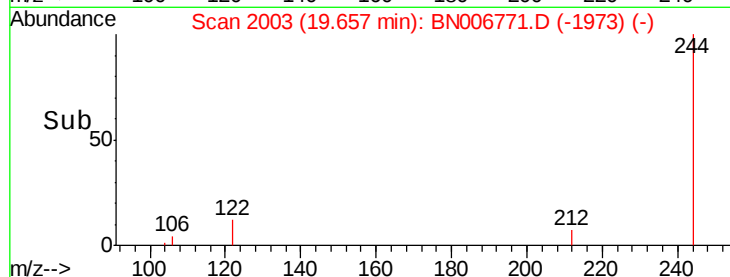
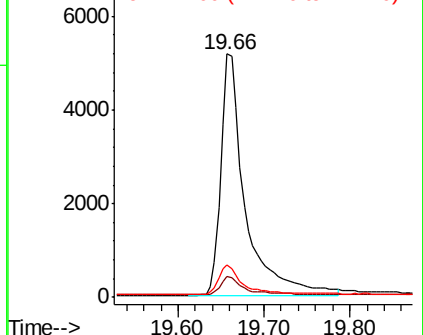
122 13.3 10.3 15.5



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: 0.350 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

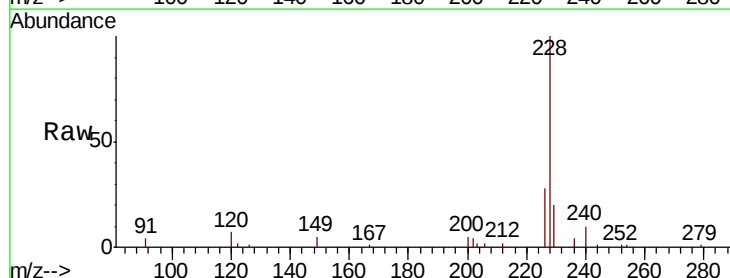
Tgt Ion:228 Resp: 13238

Ion Ratio Lower Upper

228 100

226 27.6 21.2 31.8

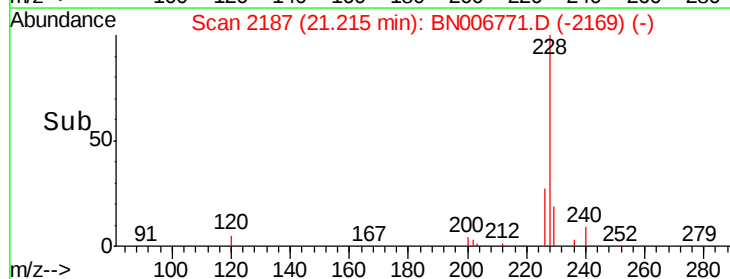
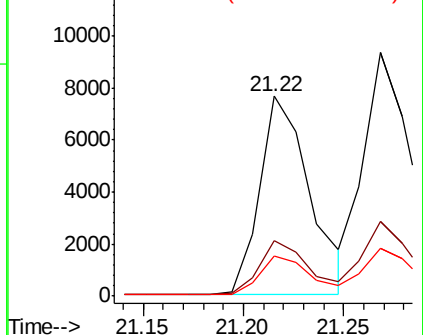
229 19.9 16.4 24.6

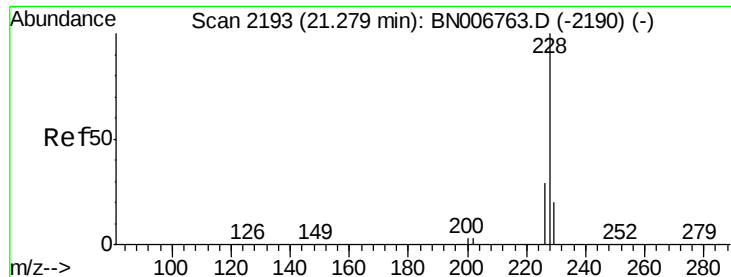


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

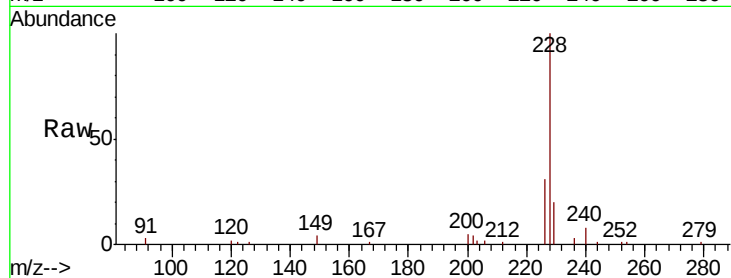
Tgt Ion:228 Resp: 16690

Ion Ratio Lower Upper

228 100

226 30.6 23.5 35.3

229 19.8 16.0 24.0

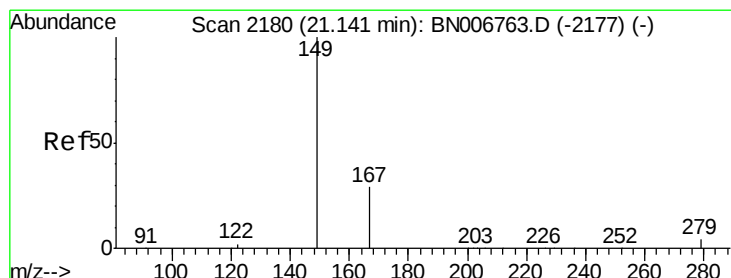
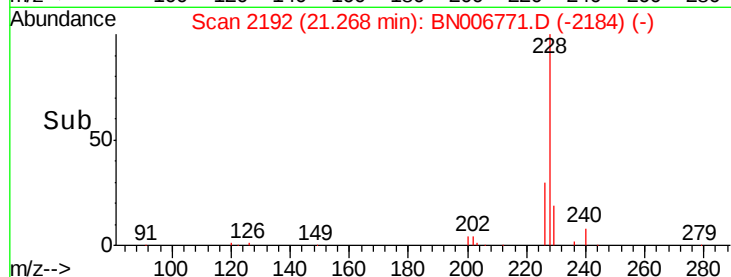
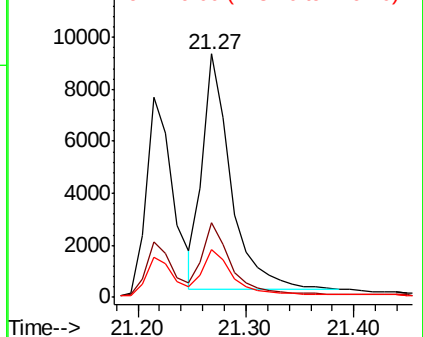


Abundance

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: 0.293 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

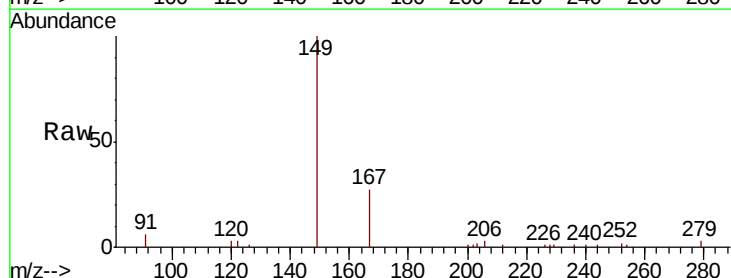
Tgt Ion:149 Resp: 5147

Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

279 4.4 3.7 5.5

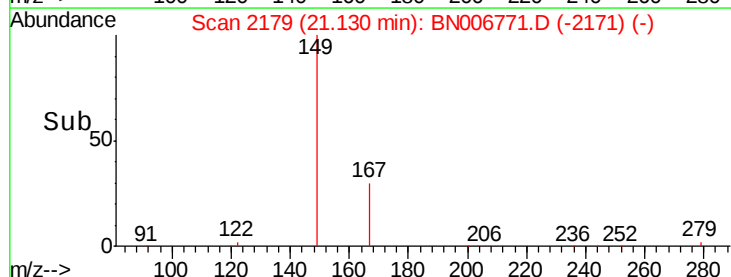
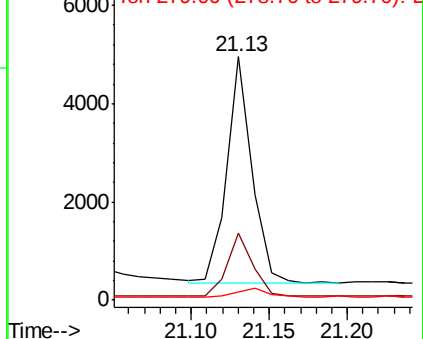


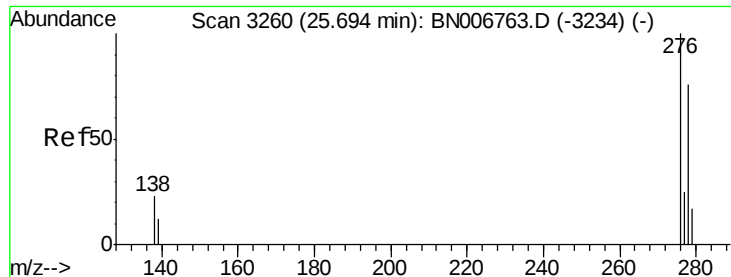
Abundance

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: 0.408 ng

RT: 25.69 min Scan# 3258

Delta R.T. -0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

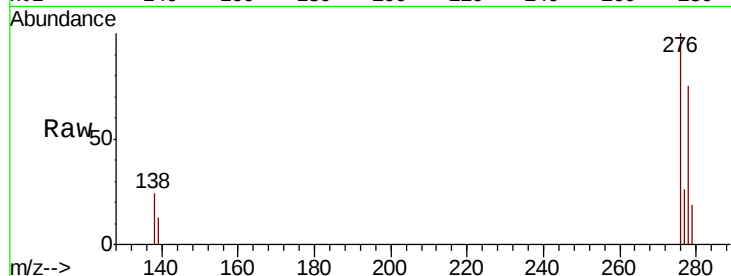
Tgt Ion:276 Resp: 21147

Ion Ratio Lower Upper

276 100

138 22.0 17.9 26.9

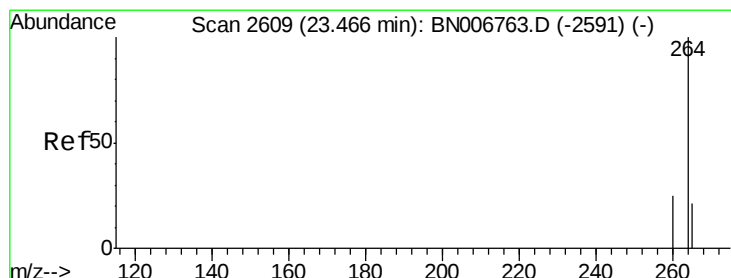
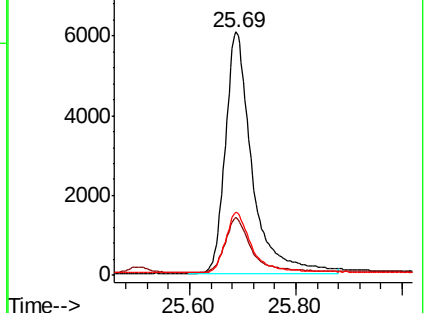
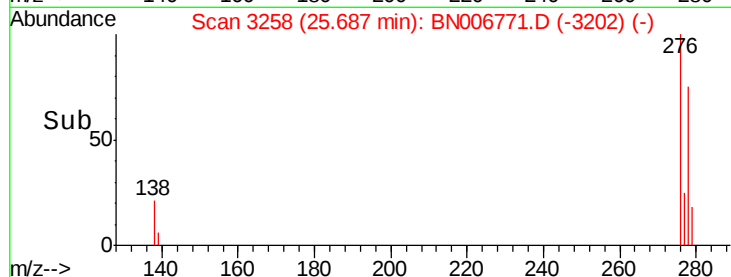
277 24.6 19.8 29.8



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: 23.46 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

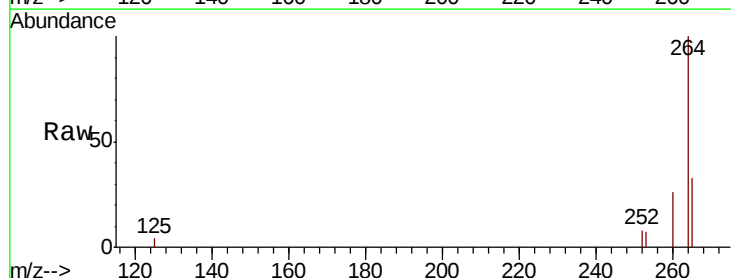
Tgt Ion:264 Resp: 14314

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.4

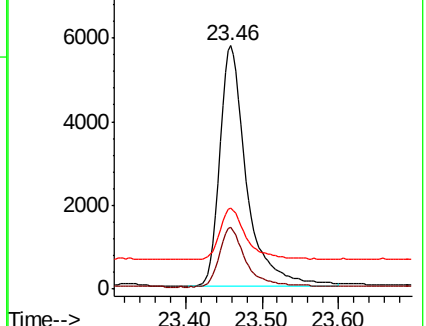
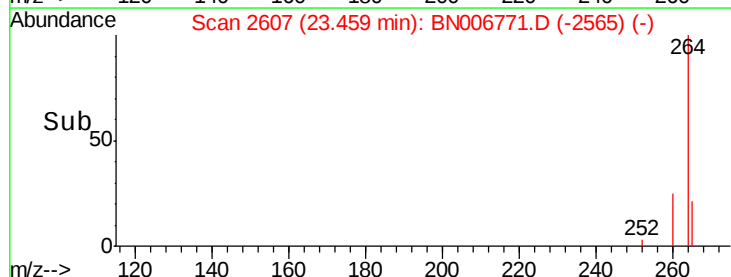
265 33.4 24.6 37.0

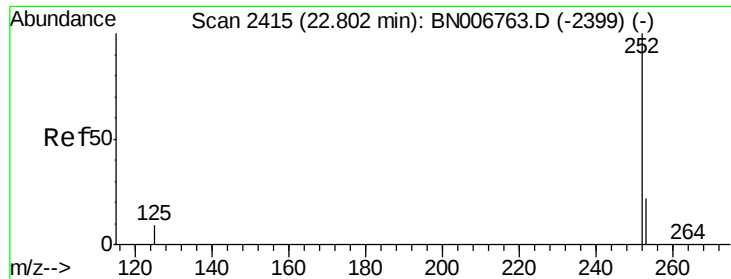


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

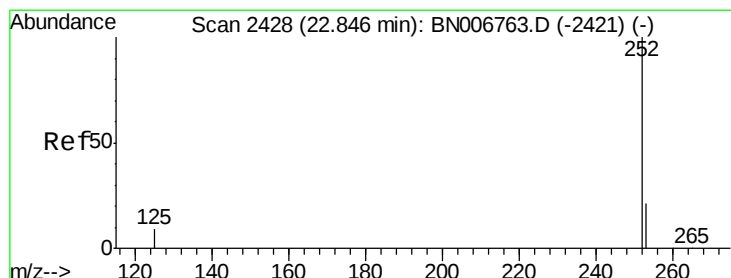
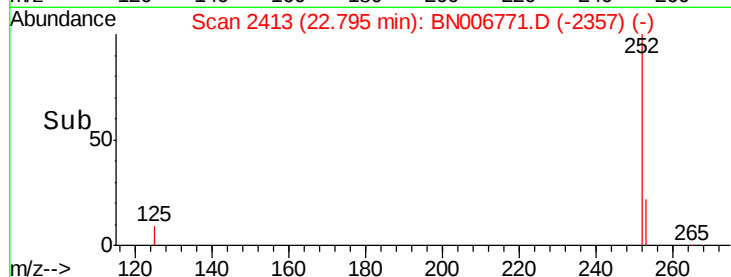
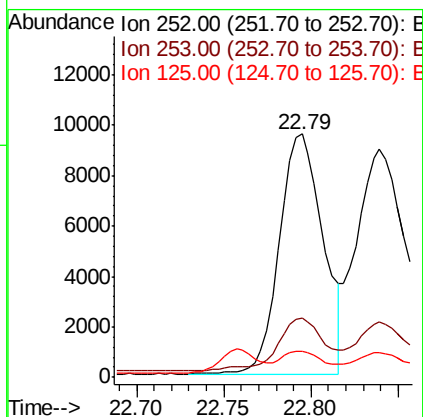
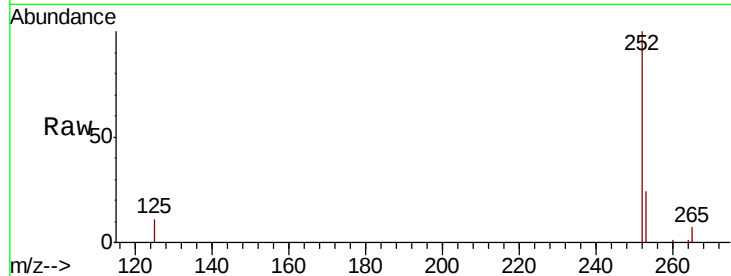




#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.79 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

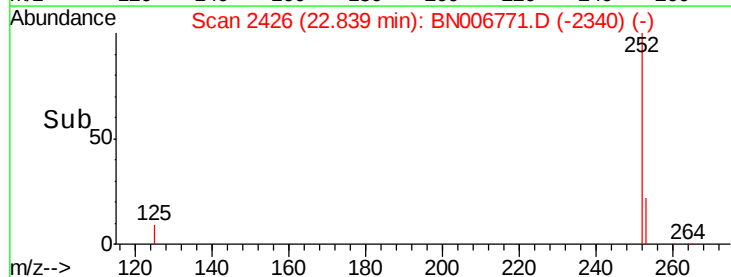
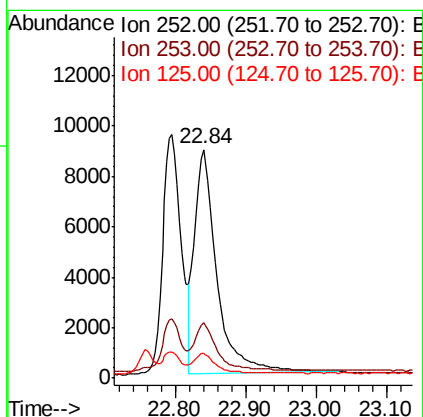
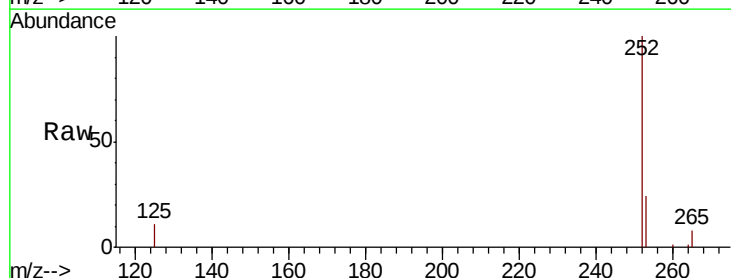
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

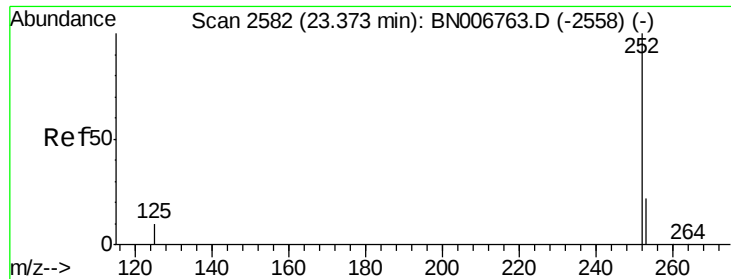
Tgt Ion:252 Resp: 16531
Ion Ratio Lower Upper
252 100
253 24.3 18.9 28.3
125 10.7 8.5 12.7



#36
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 22.84 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN006771.D
Acq: 09 Jul 2019 17:41

Tgt Ion:252 Resp: 19833
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 11.0 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.37 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

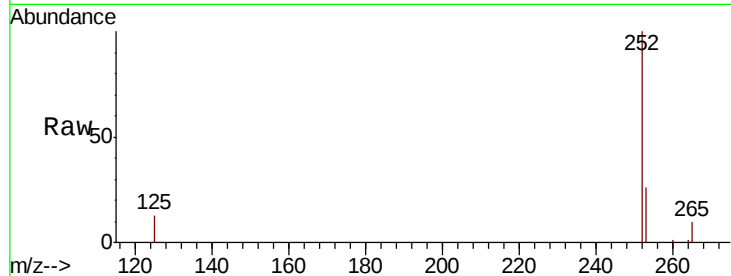
Tgt Ion:252 Resp: 16063

Ion Ratio Lower Upper

252 100

253 25.7 19.5 29.3

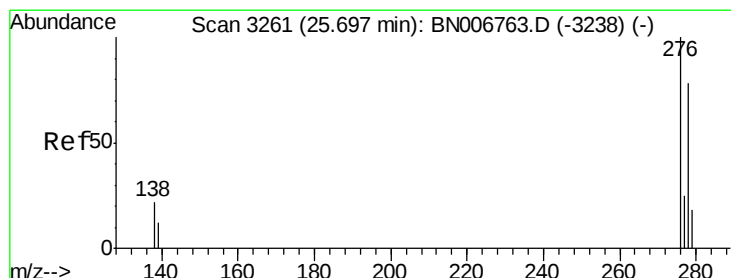
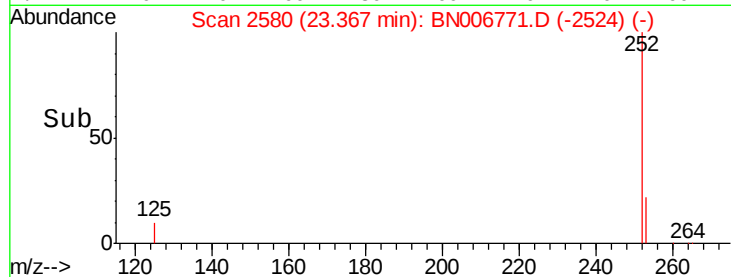
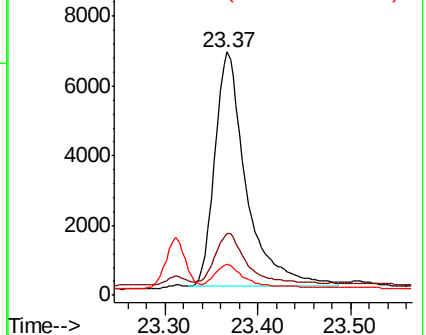
125 12.9 9.5 14.3



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: 0.382 ng

RT: 25.69 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BN006771.D

Acq: 09 Jul 2019 17:41

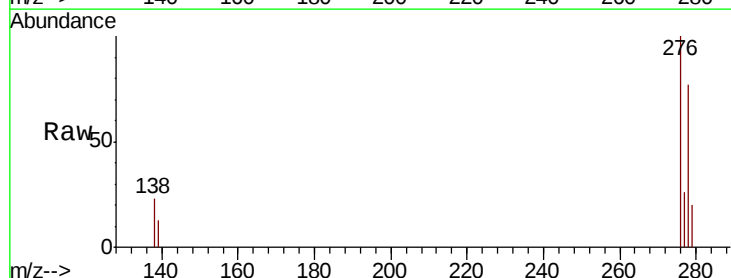
Tgt Ion:278 Resp: 16779

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

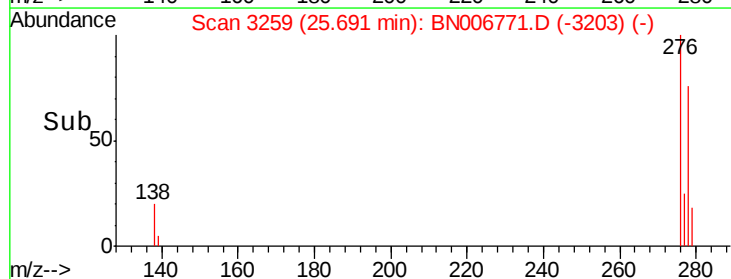
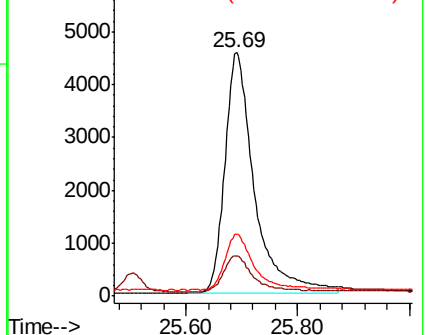
279 25.5 20.2 30.4

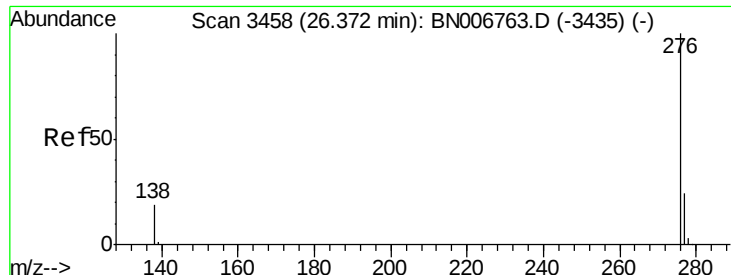


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.389 ng

RT: 26.36 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN006771.D

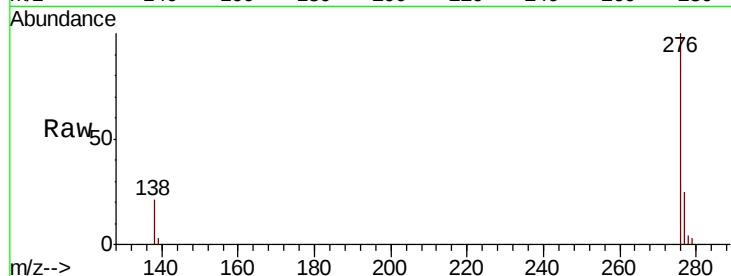
Acq: 09 Jul 2019 17:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



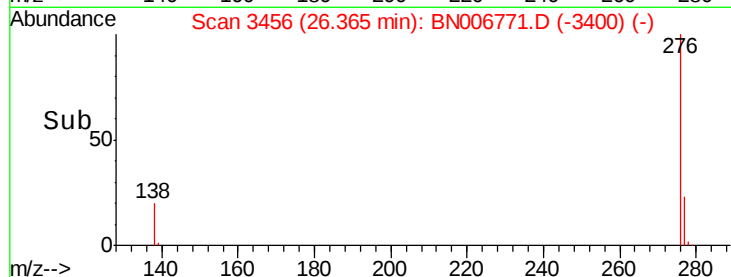
Tgt Ion: 276 Resp: 17946

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 21.3 16.2 24.4



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

