

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006710.D
 Acq On : 05 Jul 2019 11:56
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 05 22:49:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2649	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	11059	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6654	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	15370	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	15035	0.40	ng	-0.02
34) Perylene-d12	23.46	264	17983	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2537	0.35	ng	-0.02
5) Phenol-d6	6.81	99	3365	0.37	ng	-0.02
8) Nitrobenzene-d5	8.77	82	2944	0.35	ng	-0.03
11) 2-Methylnaphthalene-d10	11.97	152	6602	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1307	0.40	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	9502	0.37	ng	-0.02
25) Fluoranthene-d10	19.05	212	18036	0.41	ng	-0.02
29) Terphenyl-d14	19.66	244	13250	0.38	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.12	88	1727	0.417	ng	100
3) n-Nitrosodimethylamine	3.47	42	1121	0.359	ng	# 86
6) bis(2-Chloroethyl)ether	7.04	93	3255	0.423	ng	# 84
9) Naphthalene	10.41	128	11782	0.389	ng	99
10) Hexachlorobutadiene	10.69	225	2495	0.407	ng	# 99
12) 2-Methylnaphthalene	12.05	142	7770	0.361	ng	99
16) Acenaphthylene	13.96	152	13048	0.393	ng	99
17) Acenaphthene	14.30	154	8310	0.393	ng	98
18) Fluorene	15.30	166	10302	0.392	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	3268	0.361	ng	98
21) Hexachlorobenzene	16.31	284	4260	0.395	ng	99
22) Pentachlorophenol	16.71	266	681	0.565	ng	98
23) Phenanthrene	17.05	178	16234	0.366	ng	100
24) Anthracene	17.14	178	14411	0.360	ng	100
26) Fluoranthene	19.09	202	20712	0.398	ng	100
28) Pyrene	19.45	202	21660	0.360	ng	100
30) Benzo(a)anthracene	21.22	228	19782	0.381	ng	98
31) Chrysene	21.27	228	20533	0.384	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	11810	0.076	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.68	276	27018	0.423	ng	98
35) Benzo(b)fluoranthene	22.79	252	21226	0.368	ng	98
36) Benzo(k)fluoranthene	22.84	252	23175	0.370	ng	98
37) Benzo(a)pyrene	23.36	252	21279	0.381	ng	97
38) Dibenzo(a,h)anthracene	25.69	278	21612	0.389	ng	97
39) Benzo(g,h,i)perylene	26.36	276	22301	0.390	ng	97

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

```
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Operator  : HP/JU  
Sample    : SSTDCCC0.4  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 567

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

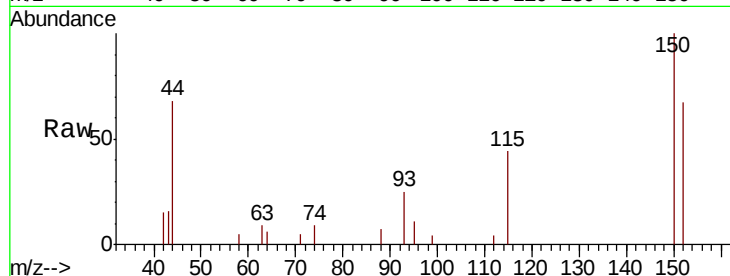
Tgt Ion:152 Resp: 2649

Ion Ratio Lower Upper

152 100

150 149.0 120.6 181.0

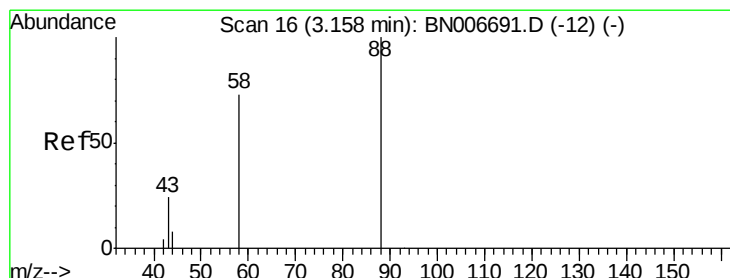
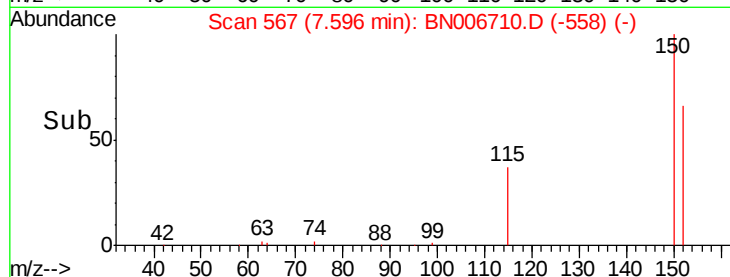
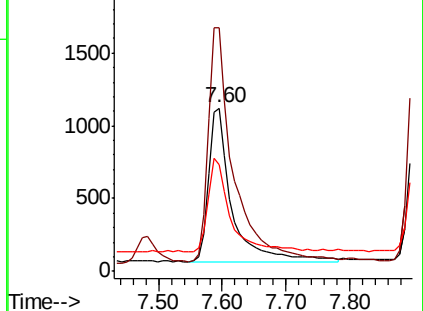
115 65.1 51.0 76.6



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: 0.417 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

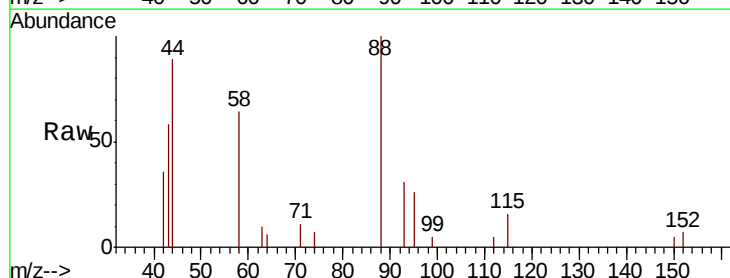
Tgt Ion: 88 Resp: 1727

Ion Ratio Lower Upper

88 100

58 76.8 61.1 91.7

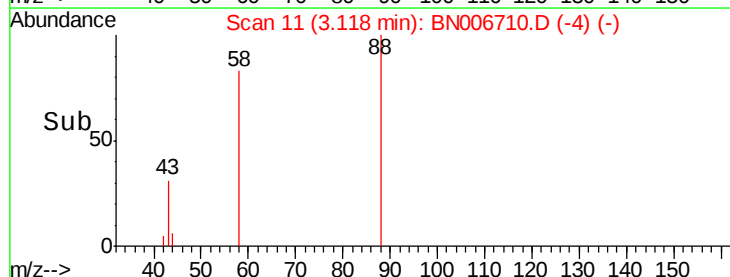
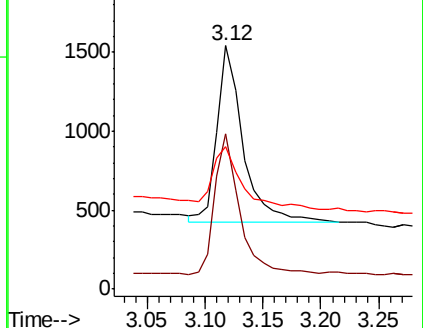
43 40.3 32.4 48.6



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: 0.359 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

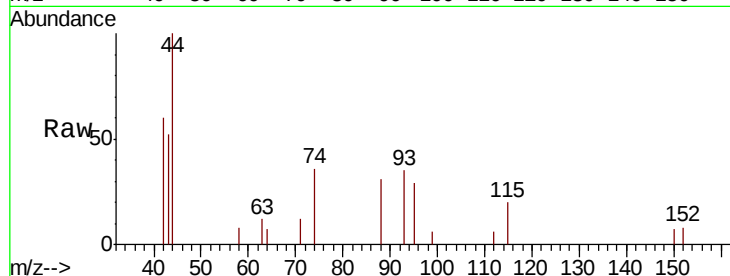
Tgt Ion: 42 Resp: 1121

Ion Ratio Lower Upper

42 100

74 116.0 106.6 160.0

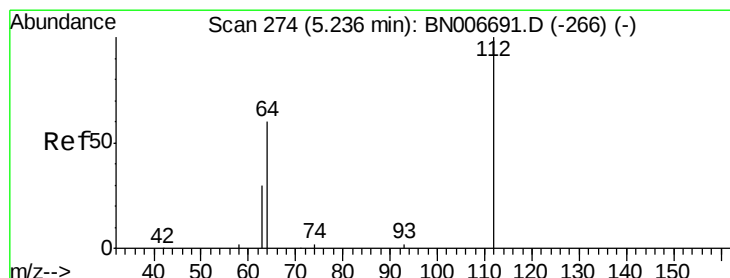
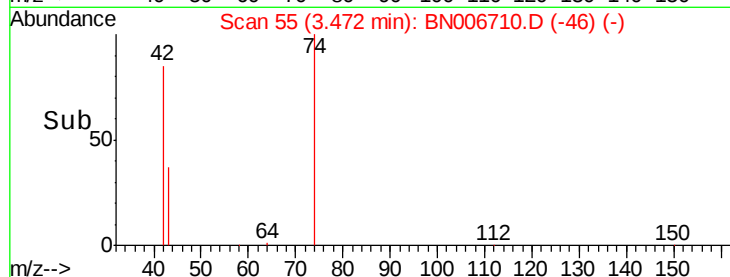
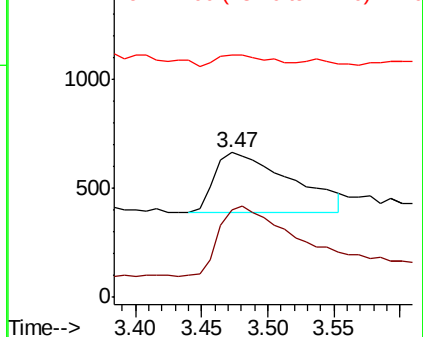
44 13.3 8.0 12.0#



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: 0.353 ng

RT: 5.22 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

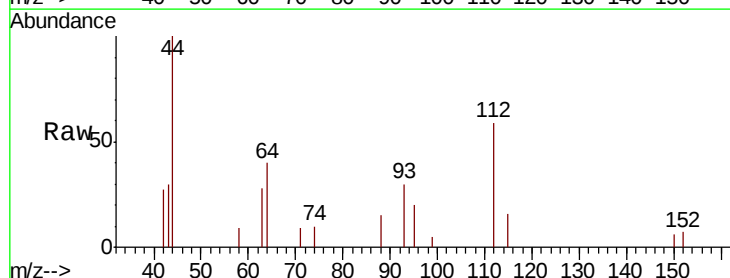
Tgt Ion: 112 Resp: 2537

Ion Ratio Lower Upper

112 100

64 65.2 49.8 74.6

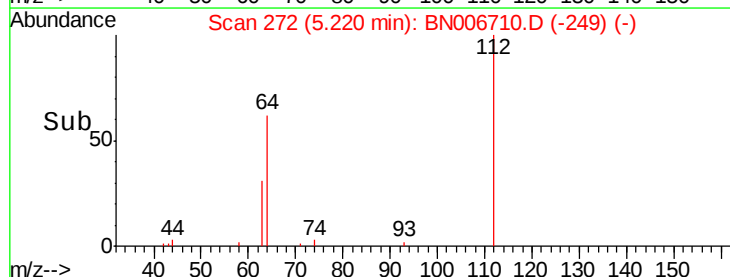
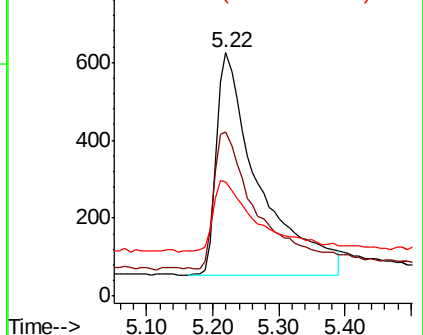
63 33.2 25.8 38.6

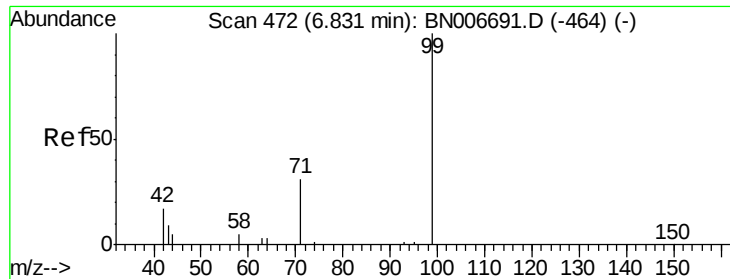


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.369 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

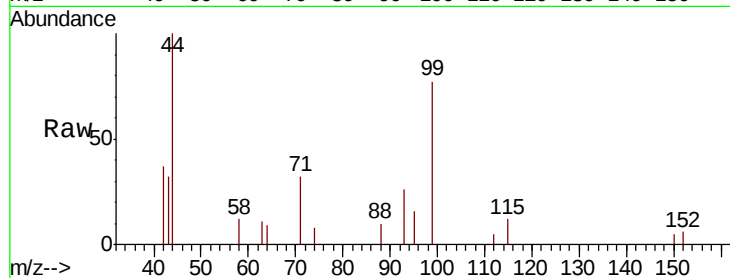
Tgt Ion: 99 Resp: 3365

Ion Ratio Lower Upper

99 100

42 21.3 16.6 25.0

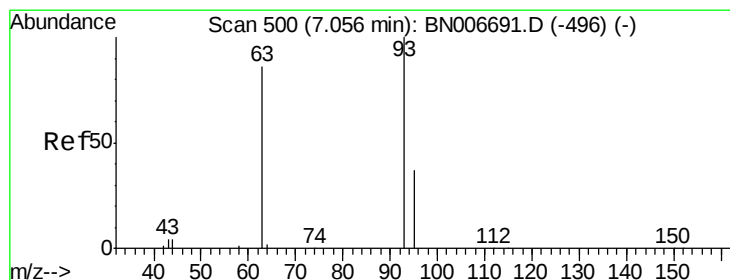
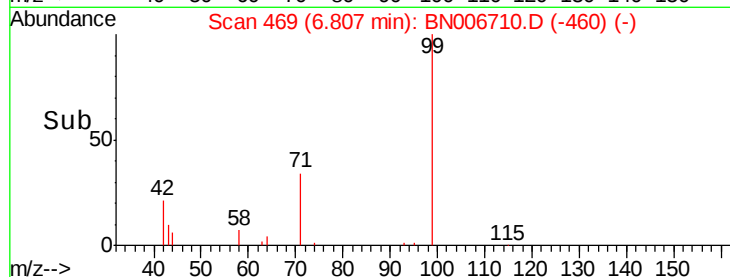
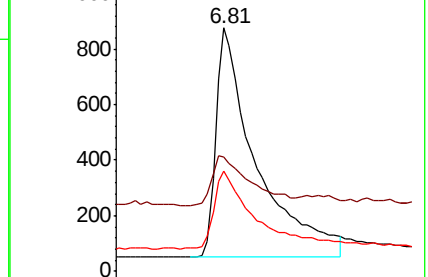
71 34.8 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.423 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

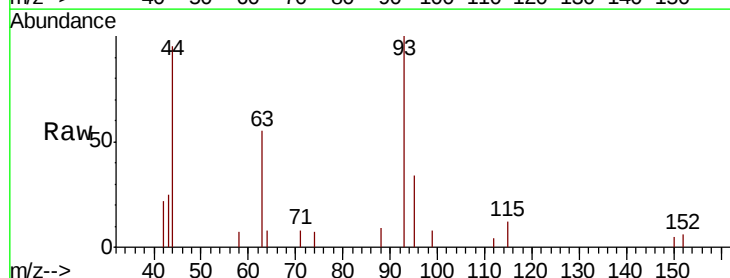
Tgt Ion: 93 Resp: 3255

Ion Ratio Lower Upper

93 100

63 58.9 58.6 87.8

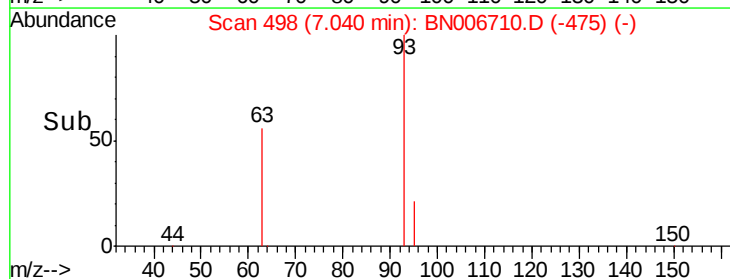
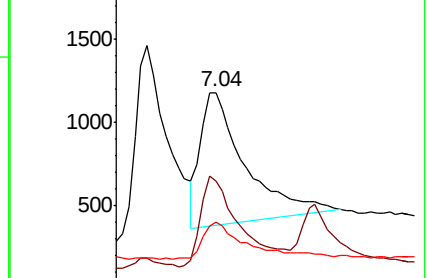
95 27.9 28.3 42.5#



Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 11059

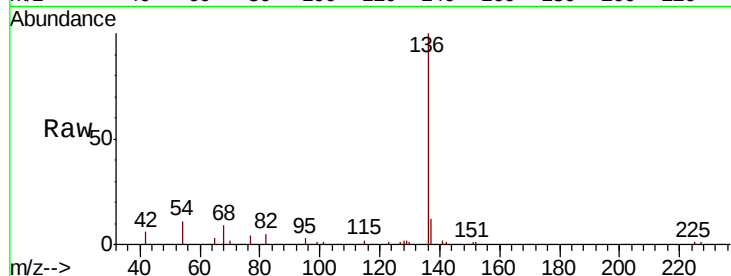
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 11.0 8.4 12.6

68 9.4 6.8 10.2

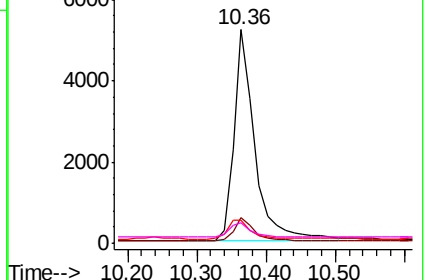
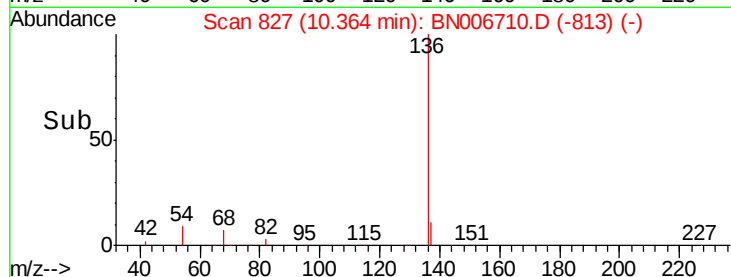


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.347 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

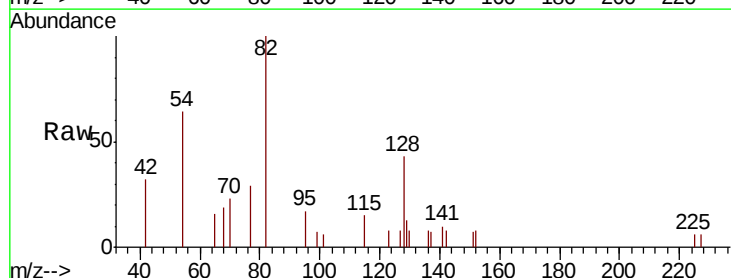
Tgt Ion: 82 Resp: 2944

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

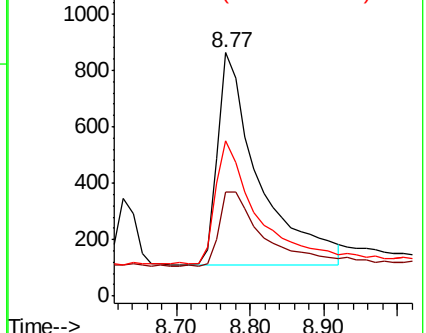
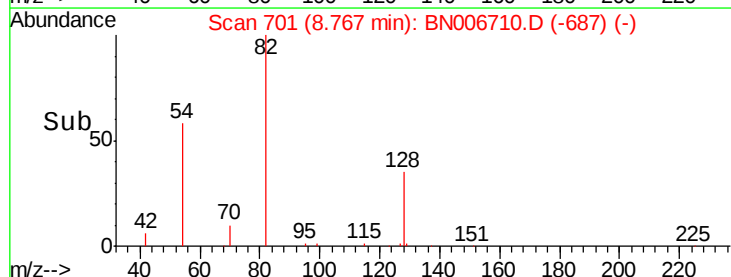
54 63.7 44.5 66.7



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: 0.389 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

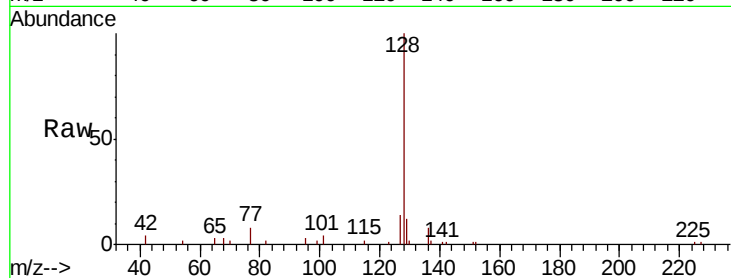
Tgt Ion:128 Resp: 11782

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

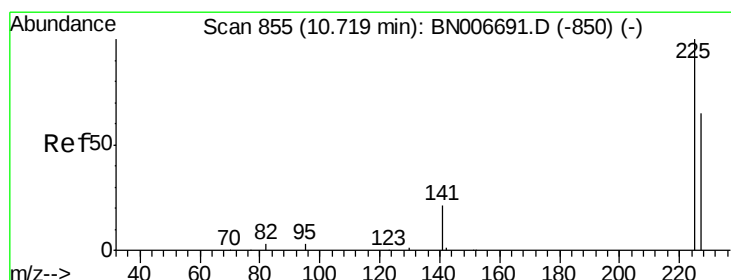
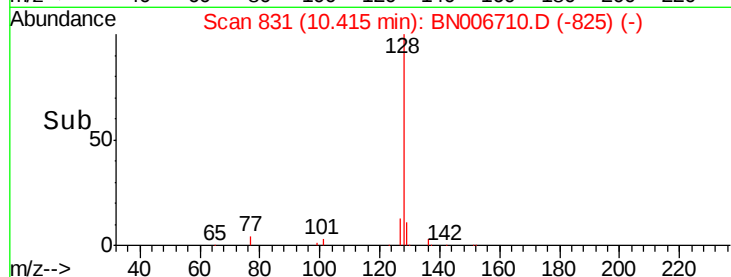
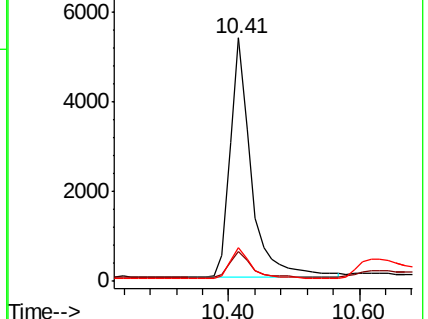
127 13.9 11.0 16.4



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: 0.407 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

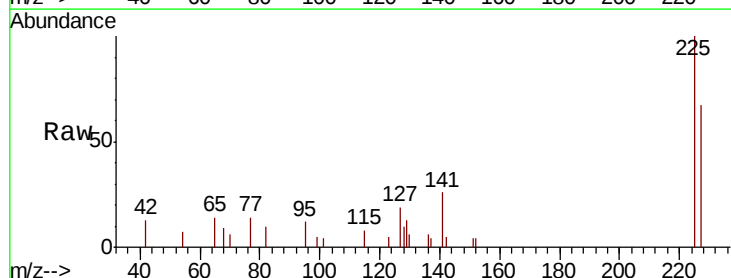
Tgt Ion:225 Resp: 2495

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

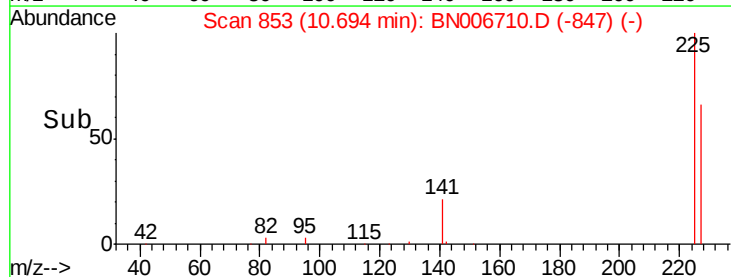
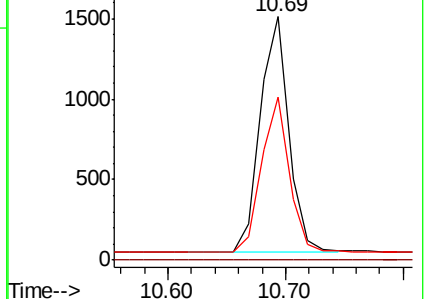
227 64.1 50.9 76.3

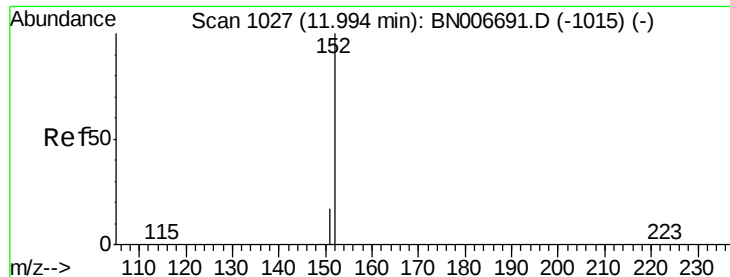


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

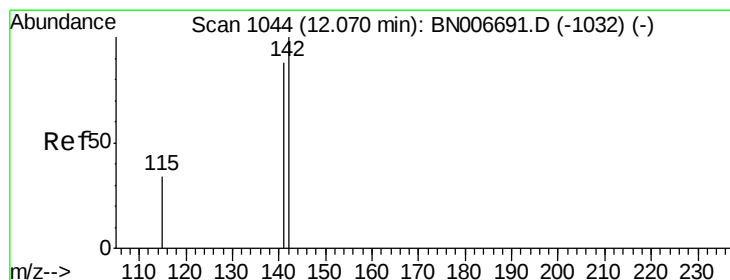
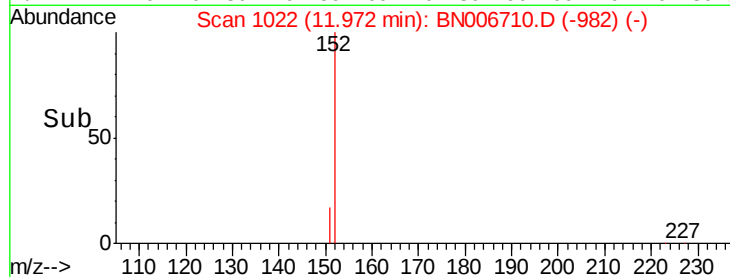
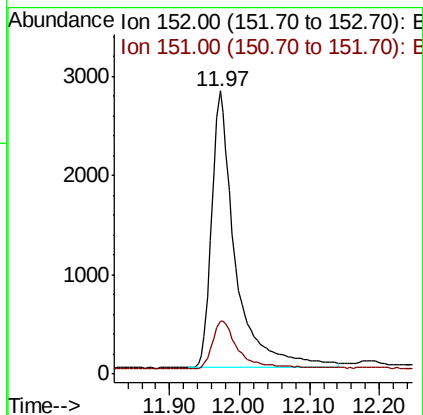
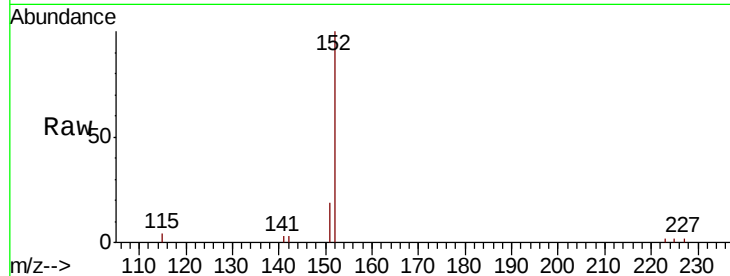




#11
 2-Methylnaphthalene-d10
 Concen: 0.397 ng
 RT: 11.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BN006710.D
 Acq: 05 Jul 2019 11:56

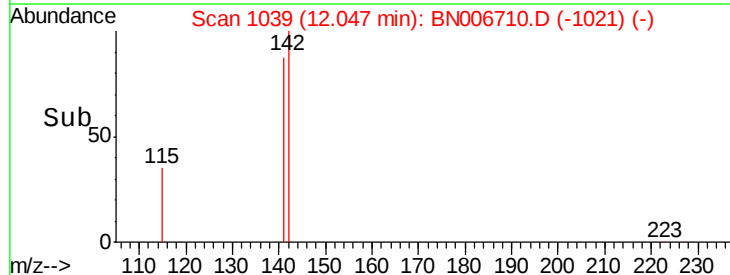
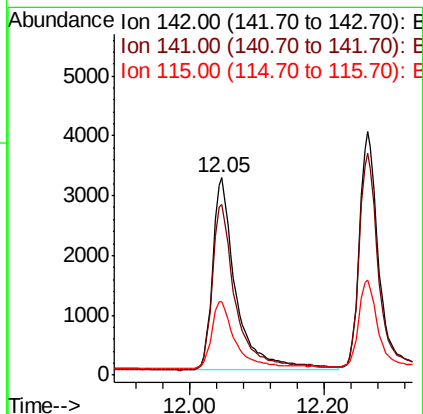
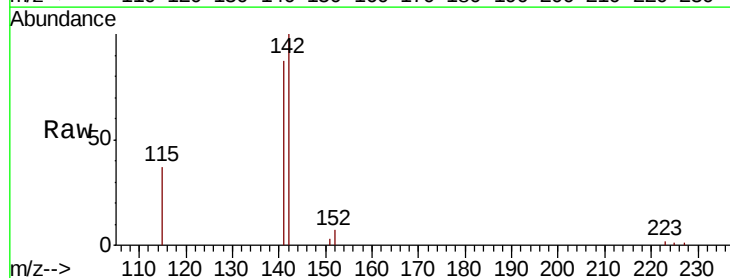
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:152 Resp: 6602
 Ion Ratio Lower Upper
 152 100
 151 19.2 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.361 ng
 RT: 12.05 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BN006710.D
 Acq: 05 Jul 2019 11:56

Tgt Ion:142 Resp: 7770
 Ion Ratio Lower Upper
 142 100
 141 86.6 70.3 105.5
 115 37.2 28.9 43.3

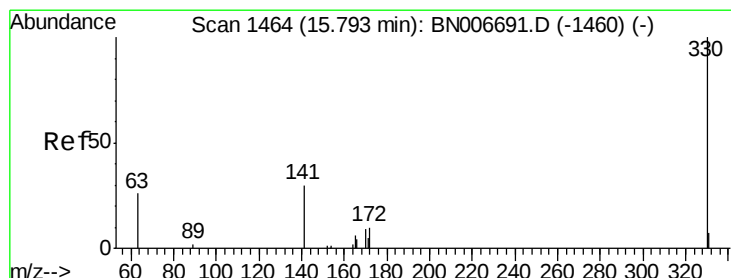
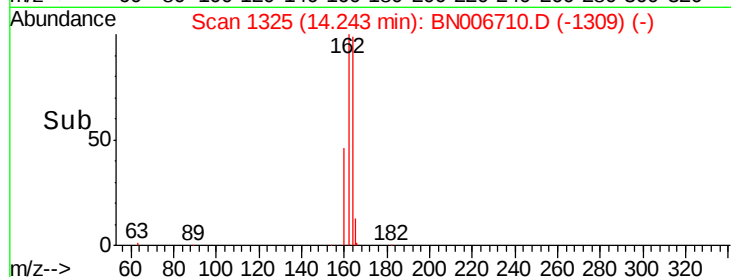
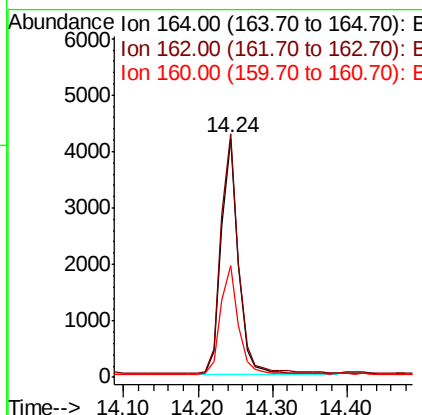
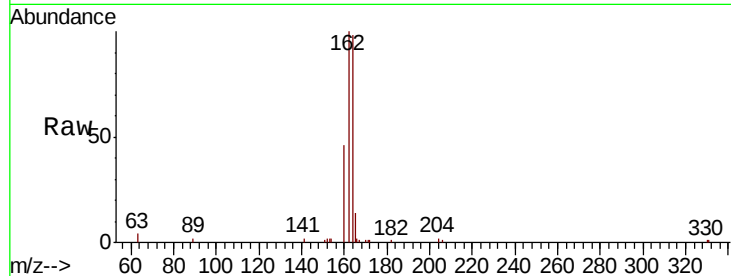




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.24 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BN006710.D
 Acq: 05 Jul 2019 11:56

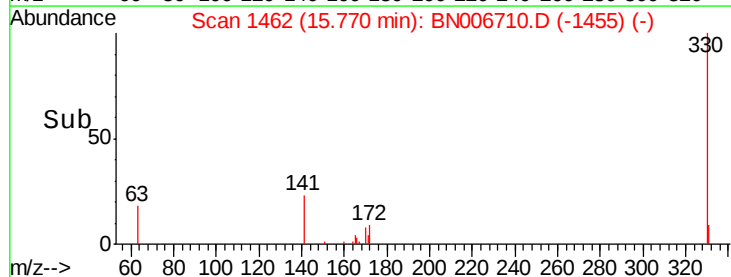
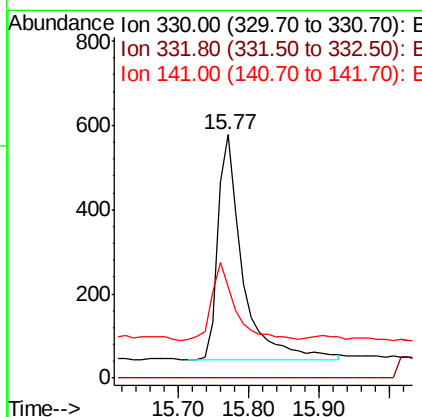
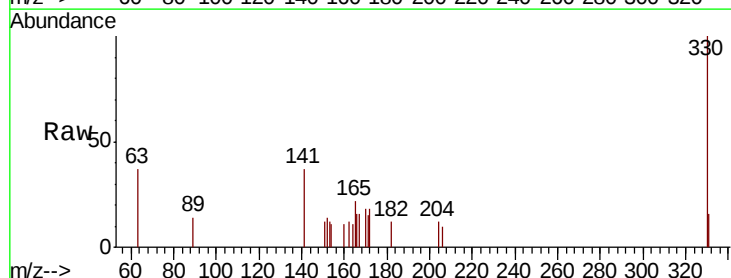
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 6654
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.8 121.2
 160 47.1 37.0 55.6



#14
 2,4,6-Tribromophenol
 Concen: 0.400 ng
 RT: 15.77 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BN006710.D
 Acq: 05 Jul 2019 11:56

Tgt Ion:330 Resp: 1307
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 32.8 24.8 37.2

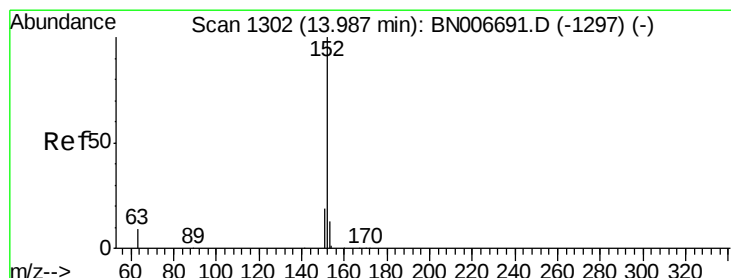
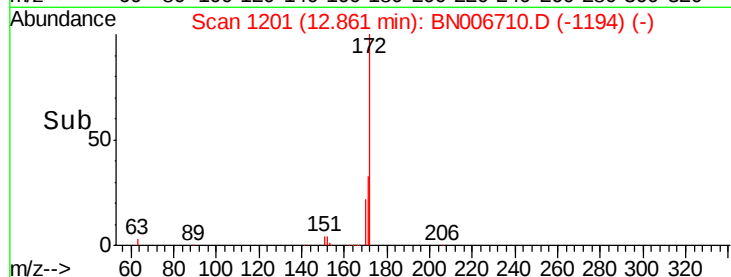
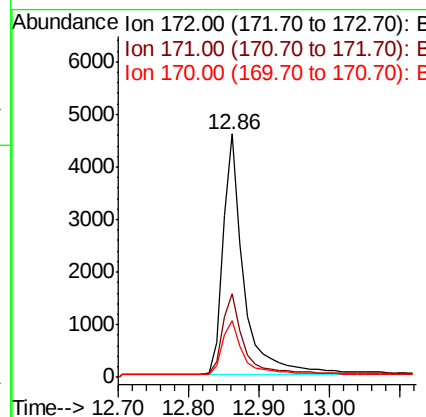
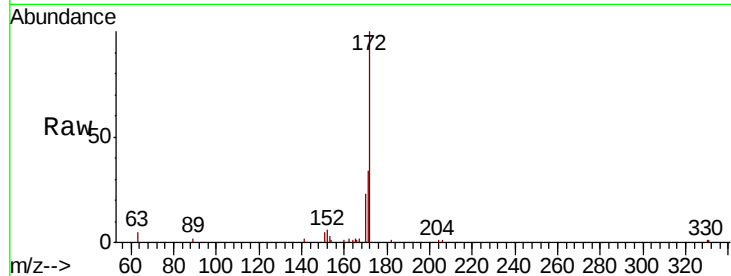




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

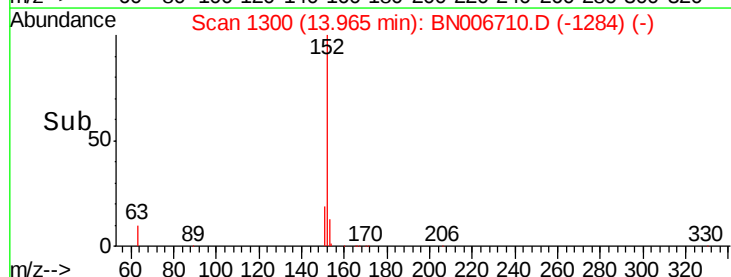
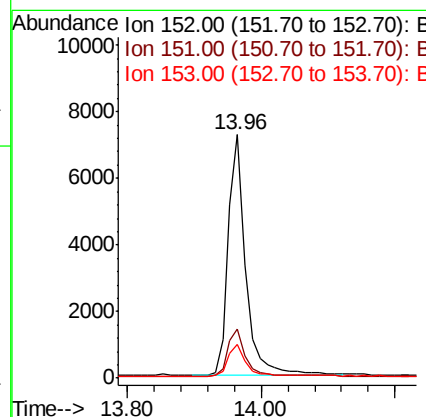
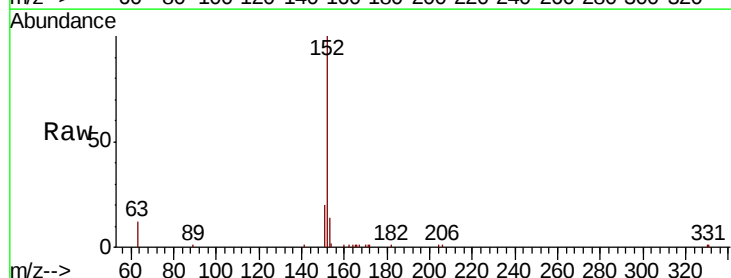
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9502
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.3 18.9 28.3



#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:152 Resp: 13048
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

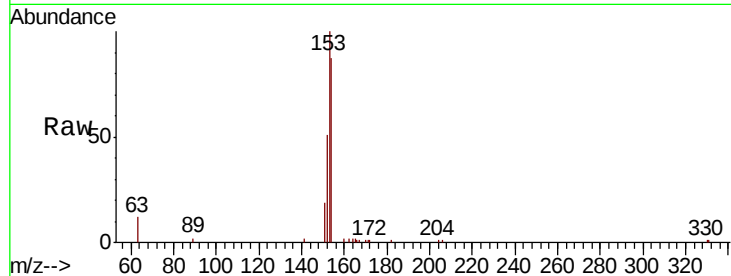
Tgt Ion:154 Resp: 8310

Ion Ratio Lower Upper

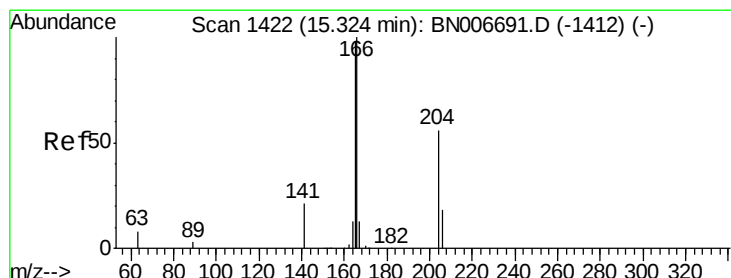
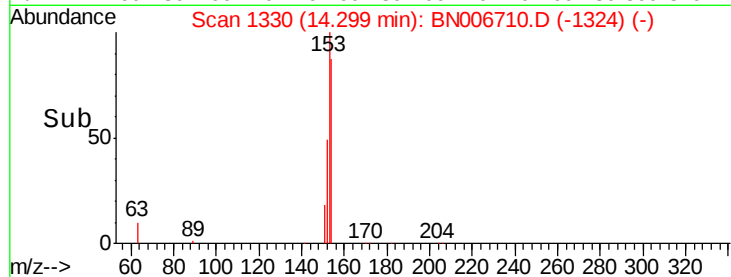
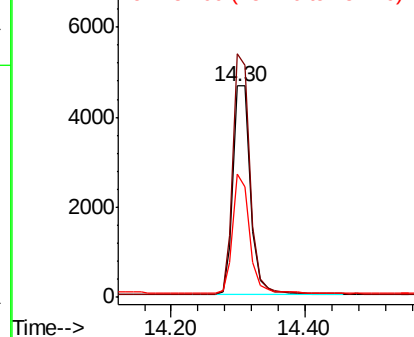
154 100

153 114.2 88.9 133.3

152 54.6 42.8 64.2



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: 0.392 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

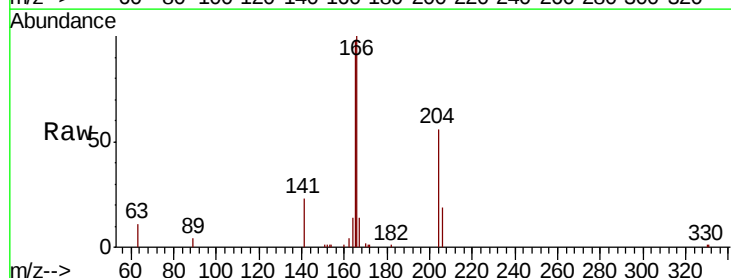
Tgt Ion:166 Resp: 10302

Ion Ratio Lower Upper

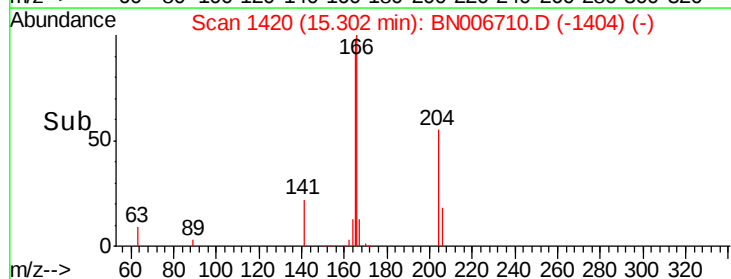
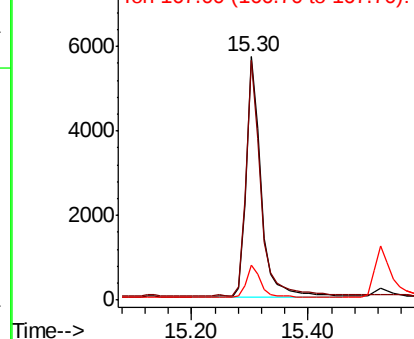
166 100

165 97.6 78.0 117.0

167 13.5 10.7 16.1



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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

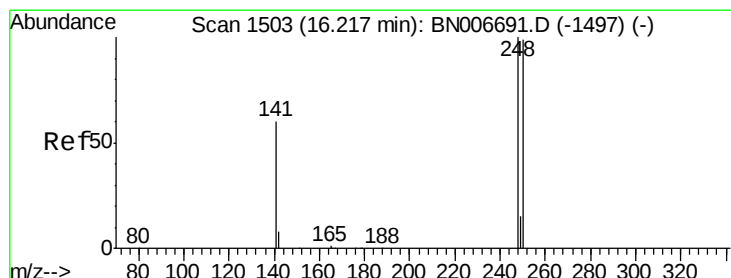
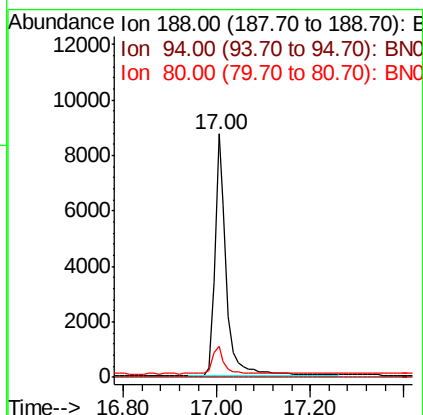
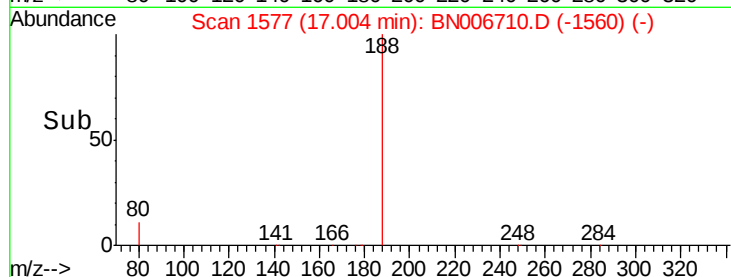
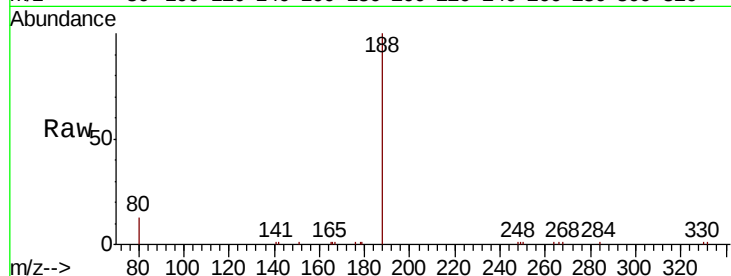
Tgt Ion:188 Resp: 15370

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 10.3 15.5



#20

4-Bromophenyl-phenylether

Concen: 0.361 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

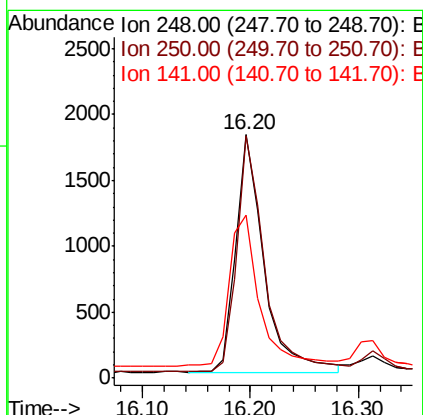
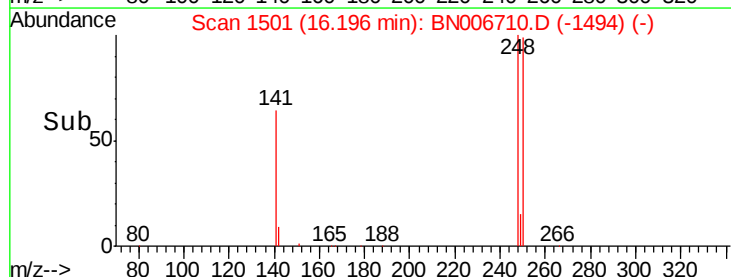
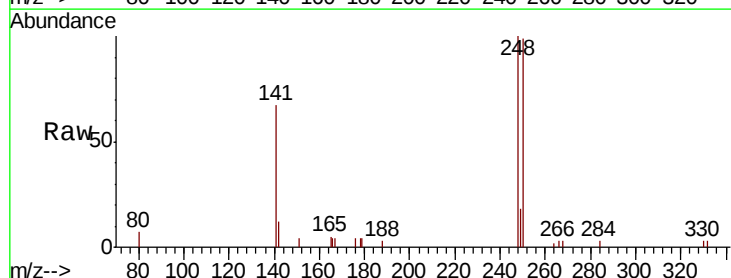
Tgt Ion:248 Resp: 3268

Ion Ratio Lower Upper

248 100

250 99.4 79.0 118.6

141 67.0 50.2 75.4

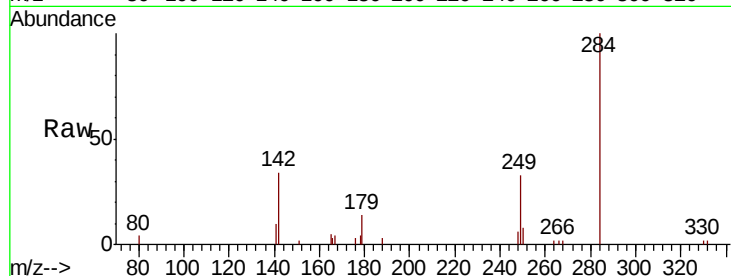




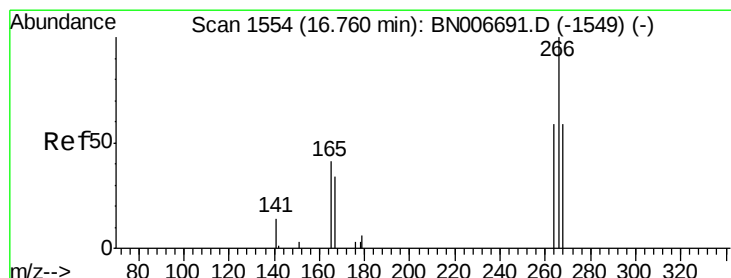
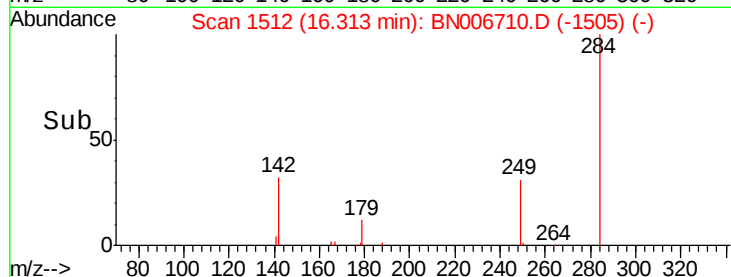
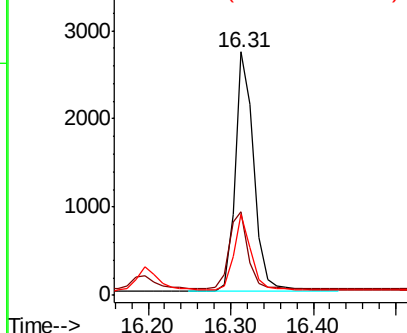
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 4260
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 29.6 24.4 36.6

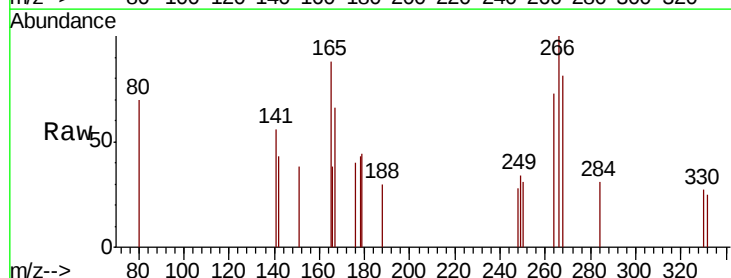


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

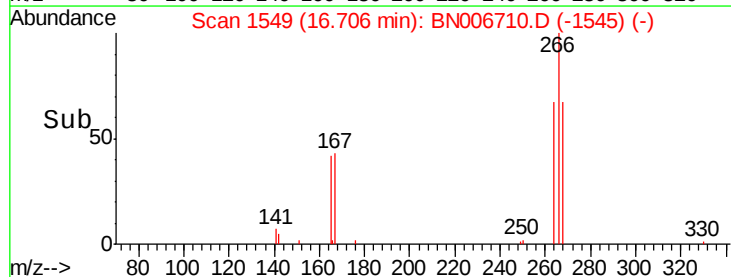
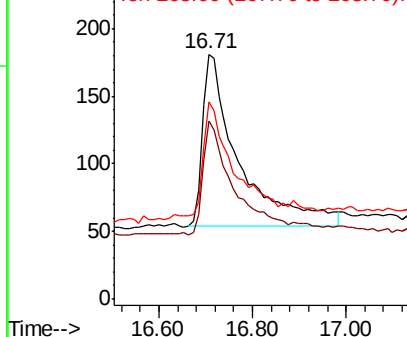


#22
Pentachlorophenol
Concen: 0.565 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion: 266 Resp: 681
Ion Ratio Lower Upper
266 100
264 72.9 57.6 86.4
268 80.7 66.6 99.8



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: 0.366 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

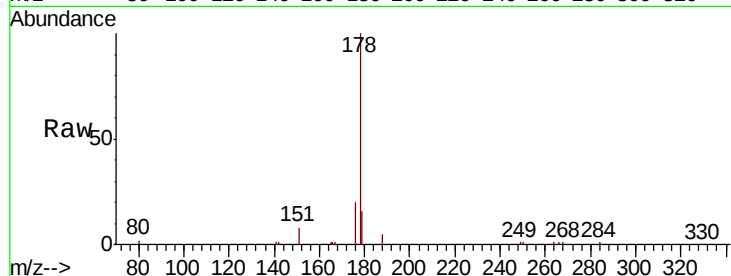
Tgt Ion:178 Resp: 16234

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

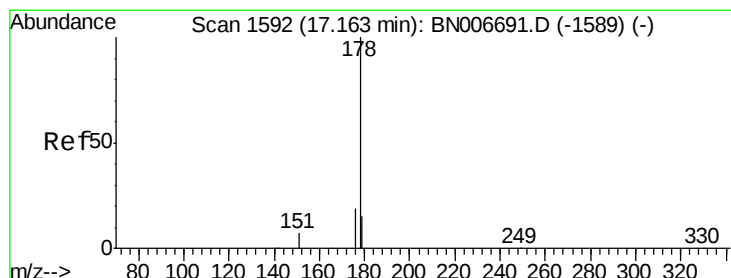
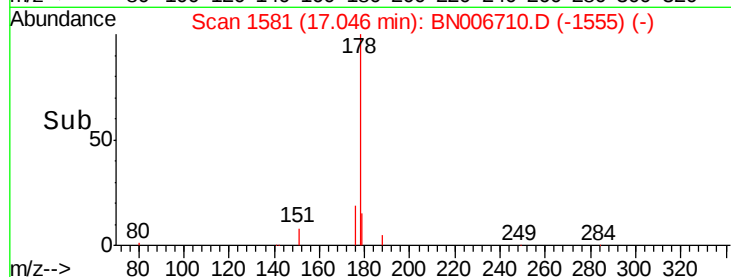
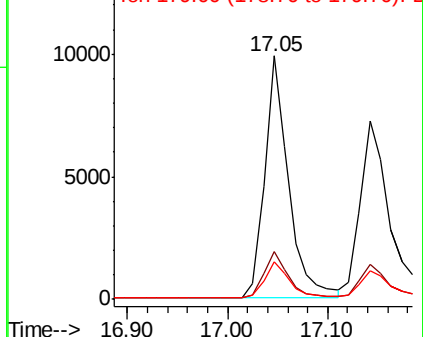
179 15.4 12.4 18.6



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: 0.360 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

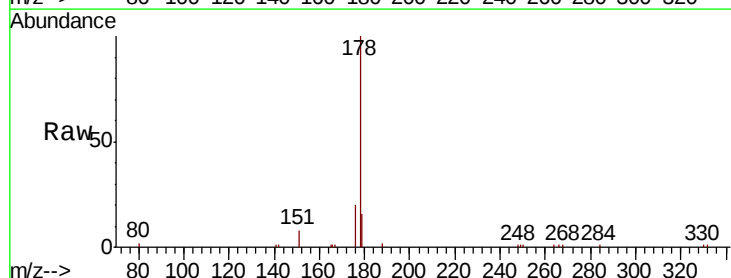
Tgt Ion:178 Resp: 14411

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

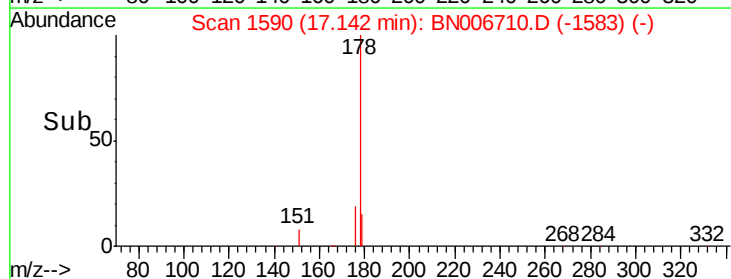
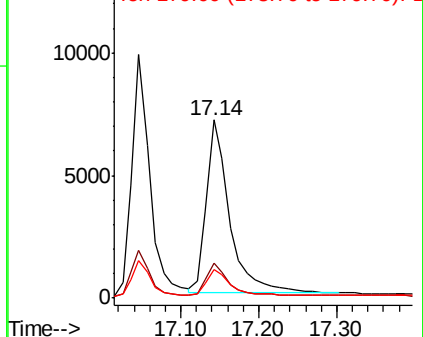
179 14.9 11.9 17.9

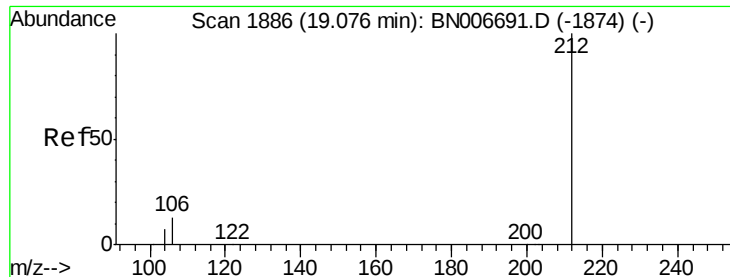


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

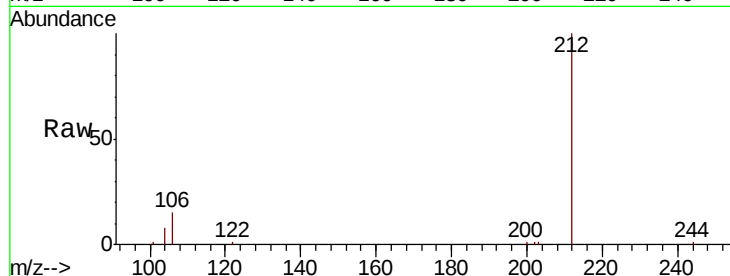
Tgt Ion:212 Resp: 18036

Ion Ratio Lower Upper

212 100

106 13.4 11.0 16.6

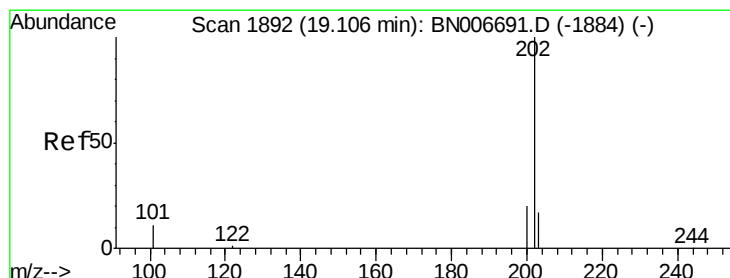
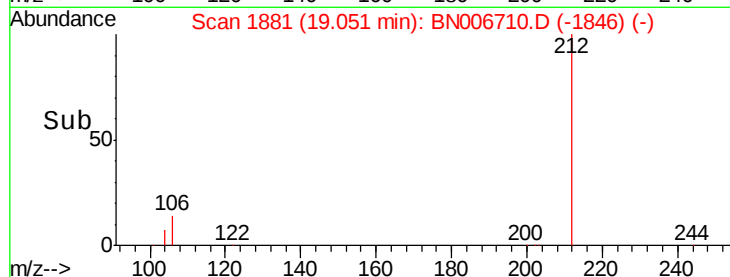
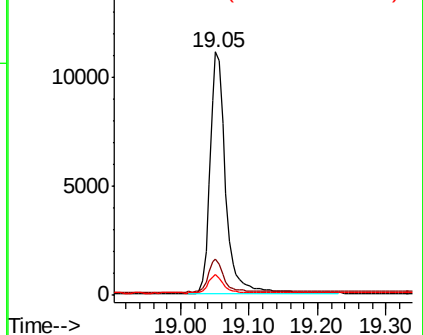
104 7.2 6.1 9.1



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: 0.398 ng

RT: 19.09 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

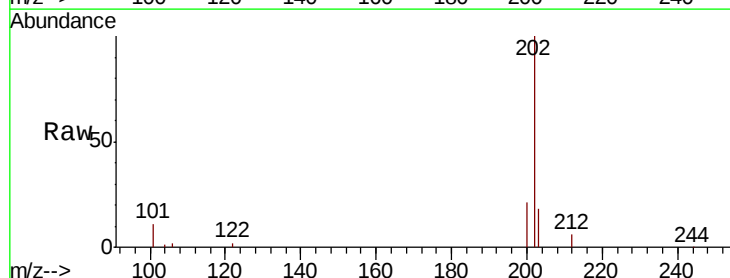
Tgt Ion:202 Resp: 20712

Ion Ratio Lower Upper

202 100

101 11.1 8.7 13.1

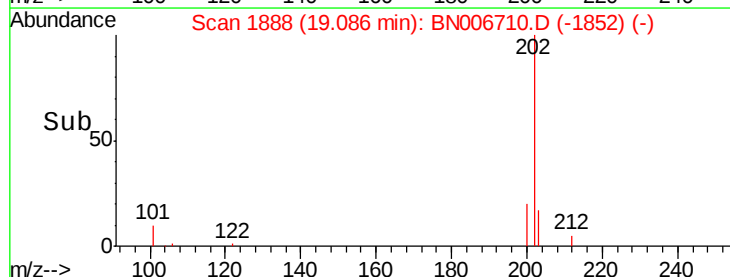
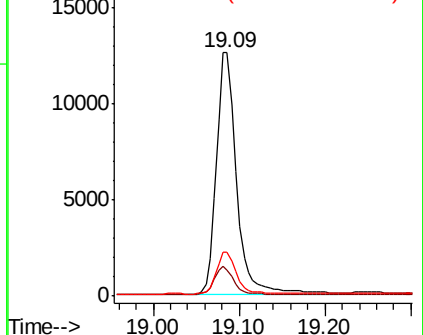
203 17.1 13.8 20.6



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

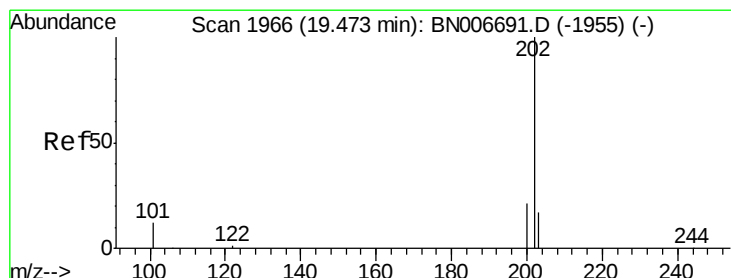
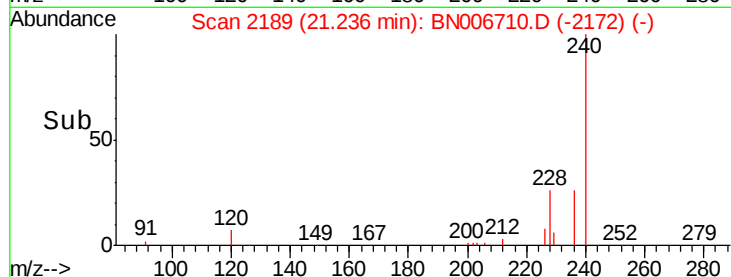
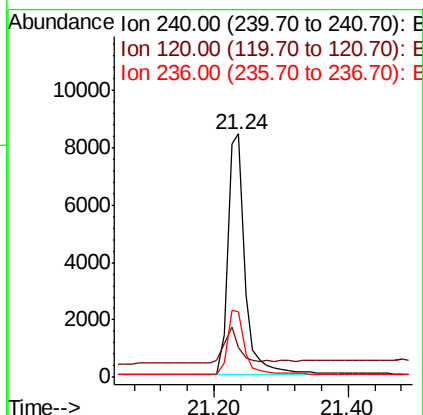
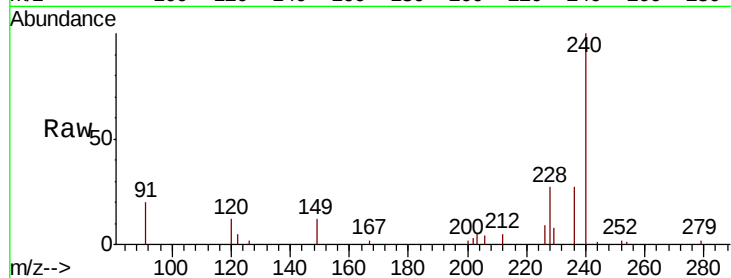




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

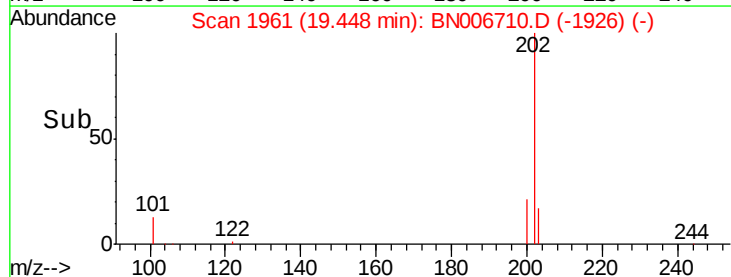
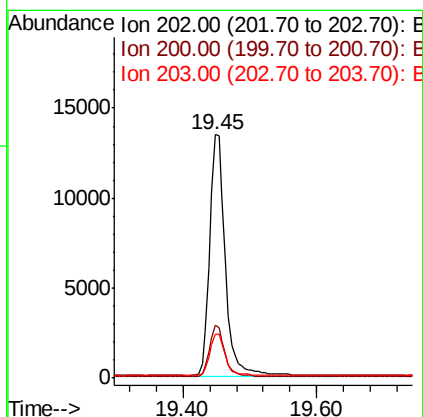
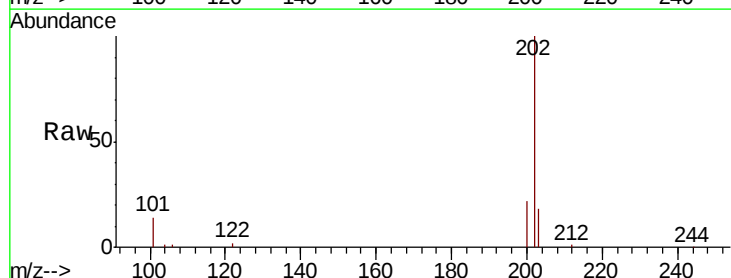
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 15035
Ion Ratio Lower Upper
240 100
120 12.4 12.9 19.3#
236 27.1 23.2 34.8



#28
Pyrene
Concen: 0.360 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:202 Resp: 21660
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.6 14.2 21.2





#29

Terphenyl-d14

Concen: 0.383 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

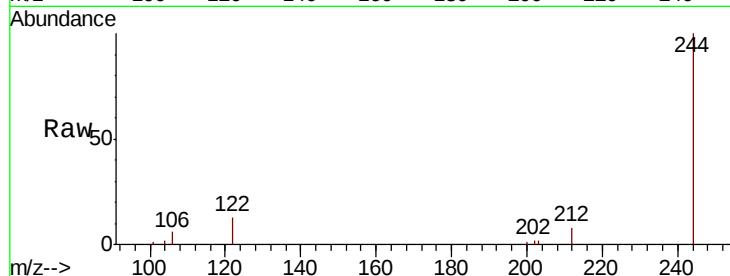
Tgt Ion:244 Resp: 13250

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

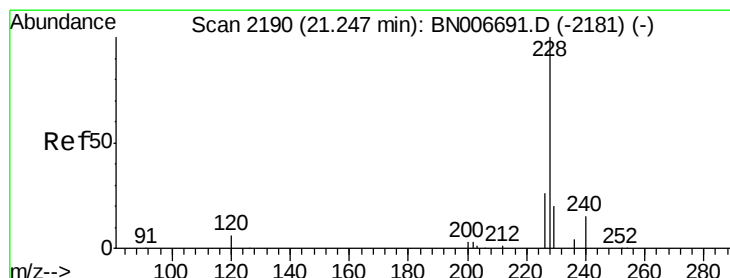
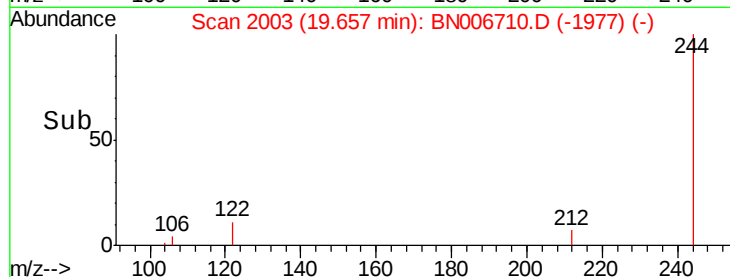
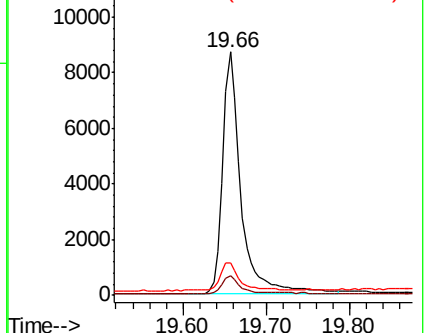
122 13.3 11.5 17.3



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: 0.381 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

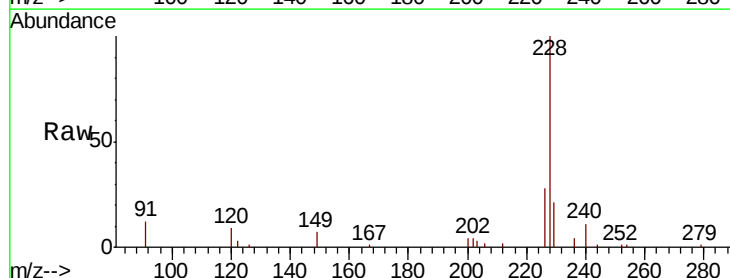
Tgt Ion:228 Resp: 19782

Ion Ratio Lower Upper

228 100

226 27.9 21.5 32.3

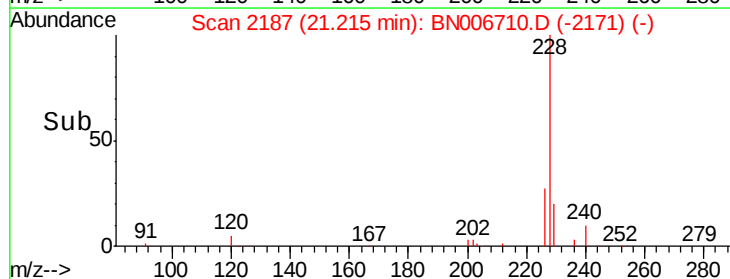
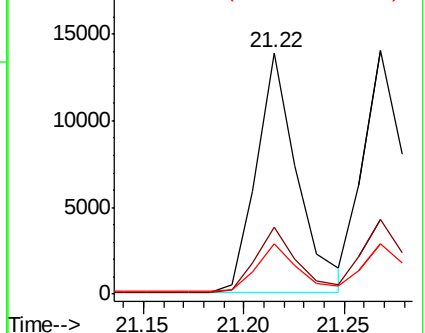
229 20.7 16.2 24.4



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: 0.384 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

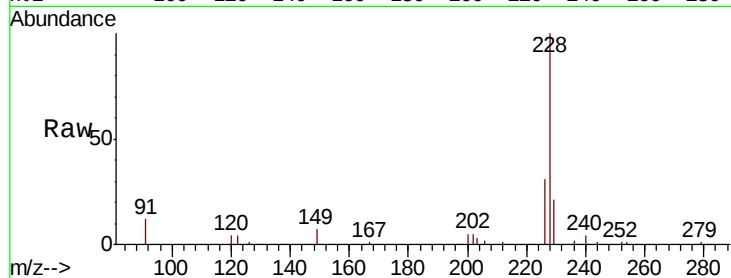
Tgt Ion:228 Resp: 20533

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

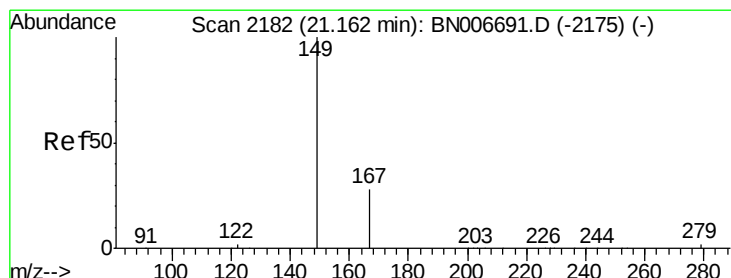
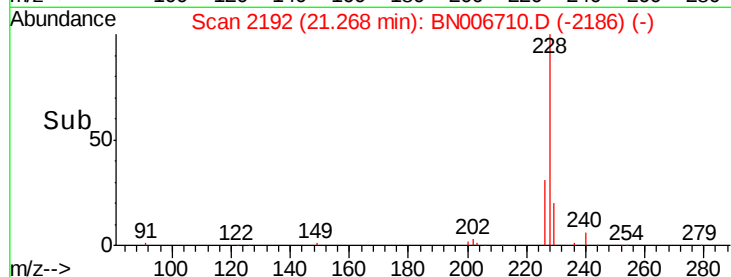
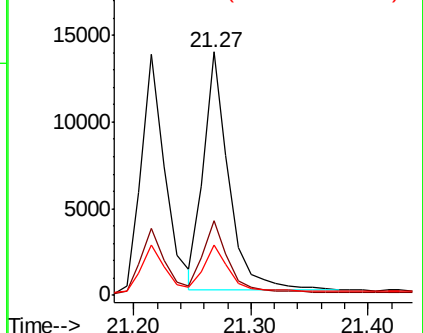
229 20.7 15.8 23.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.076 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

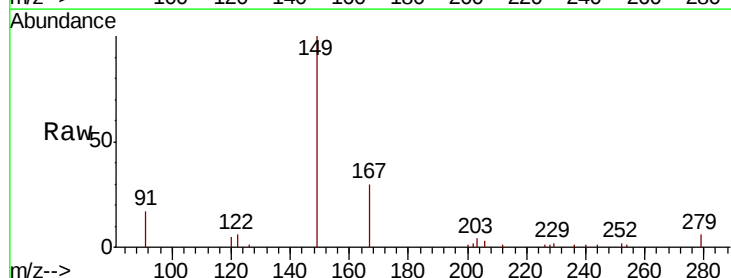
Tgt Ion:149 Resp: 11810

Ion Ratio Lower Upper

149 100

167 29.4 22.9 34.3

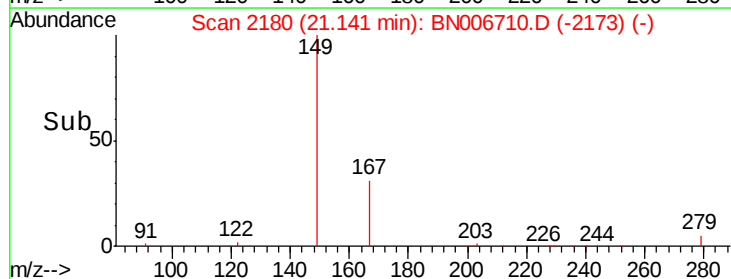
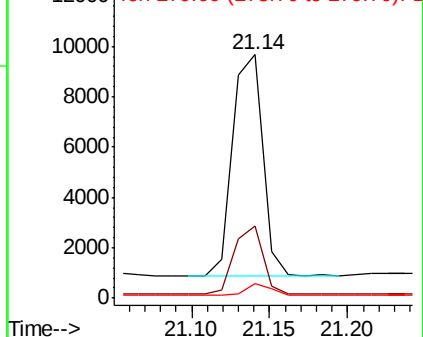
279 4.8 3.2 4.8#



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: 0.423 ng

RT: 25.68 min Scan# 3257

Delta R.T. -0.06 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

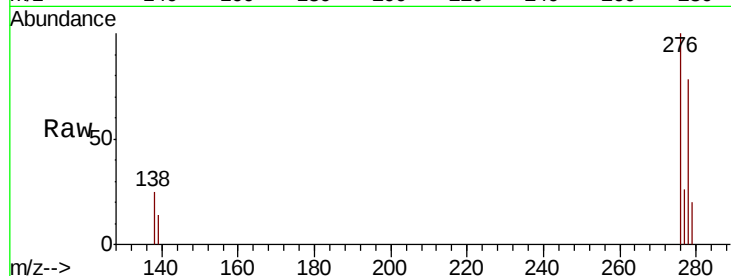
Tgt Ion:276 Resp: 27018

Ion Ratio Lower Upper

276 100

138 22.3 19.5 29.3

277 24.5 19.7 29.5

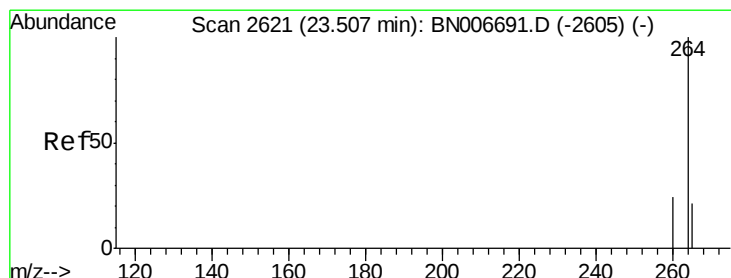
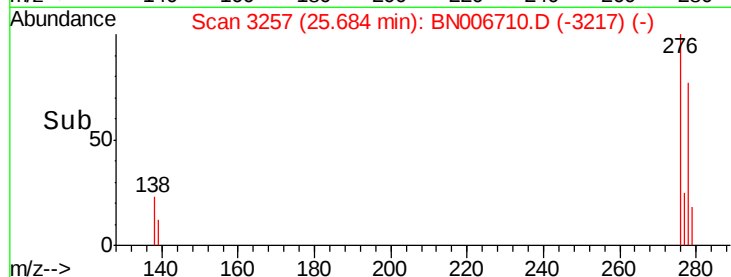
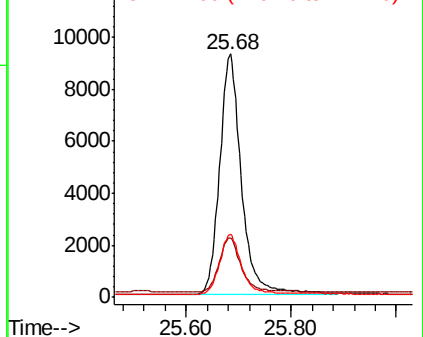


Abundance

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. -0.05 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

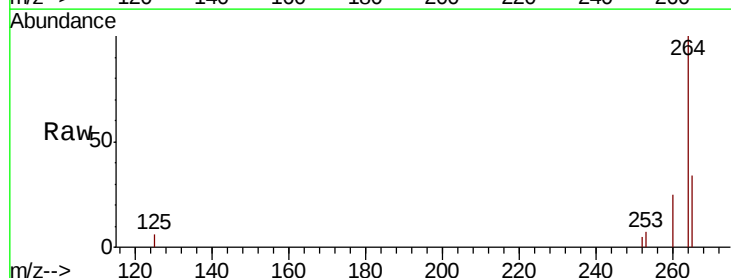
Tgt Ion:264 Resp: 17983

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 34.3 33.7 50.5

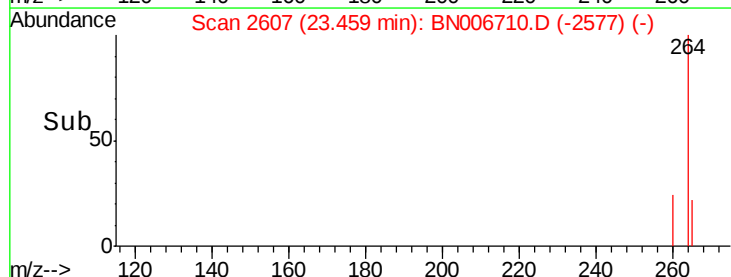
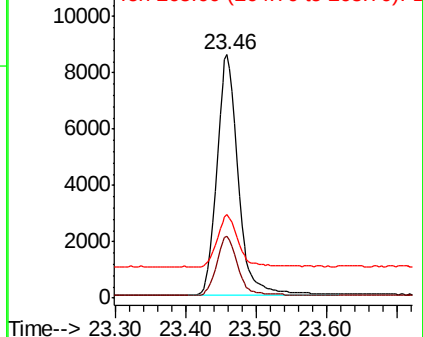


Abundance

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

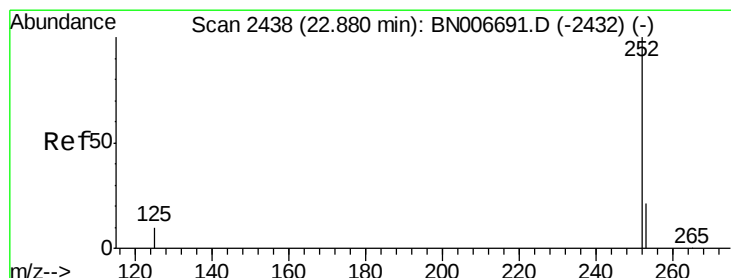
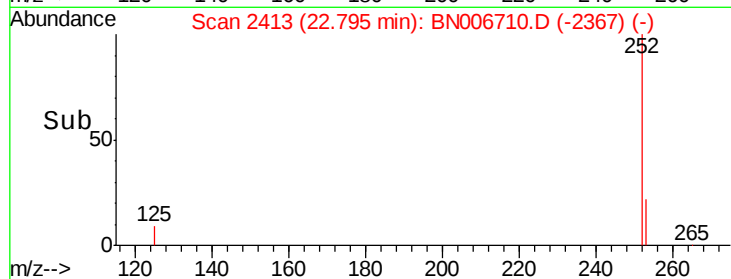
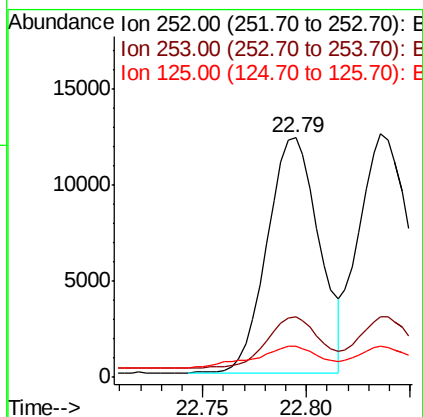
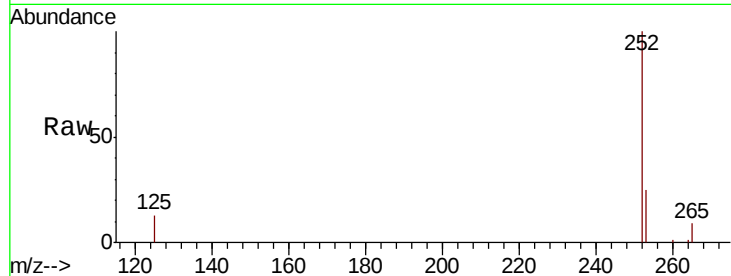




#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.79 min Scan# 2413
Delta R.T. -0.04 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

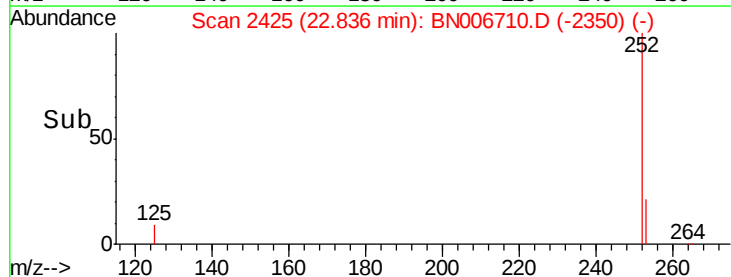
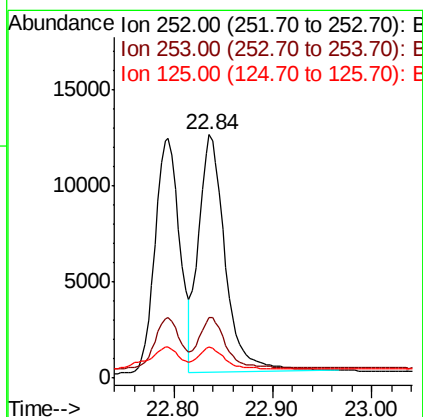
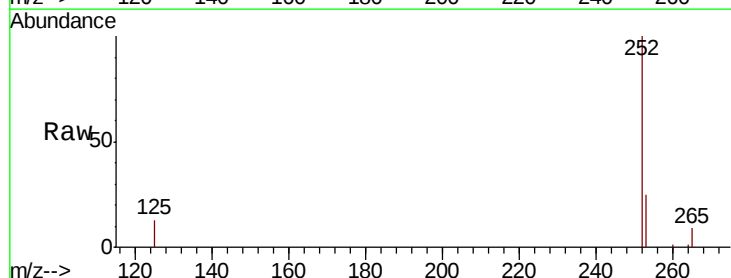
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 21226
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.2
125 12.9 11.5 17.3



#36
Benzo(k)fluoranthene
Concen: 0.370 ng
RT: 22.84 min Scan# 2425
Delta R.T. -0.04 min
Lab File: BN006710.D
Acq: 05 Jul 2019 11:56

Tgt Ion:252 Resp: 23175
Ion Ratio Lower Upper
252 100
253 24.9 20.1 30.1
125 12.8 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.36 min Scan# 2579

Delta R.T. -0.05 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

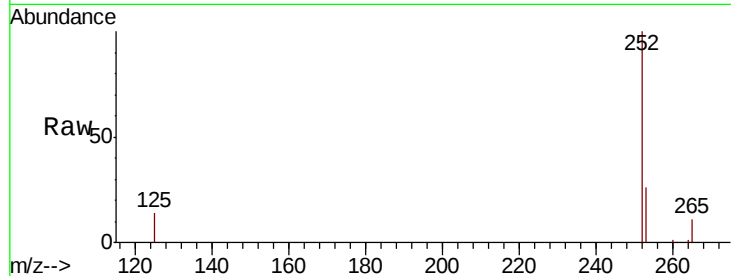
Tgt Ion:252 Resp: 21279

Ion Ratio Lower Upper

252 100

253 25.5 21.4 32.2

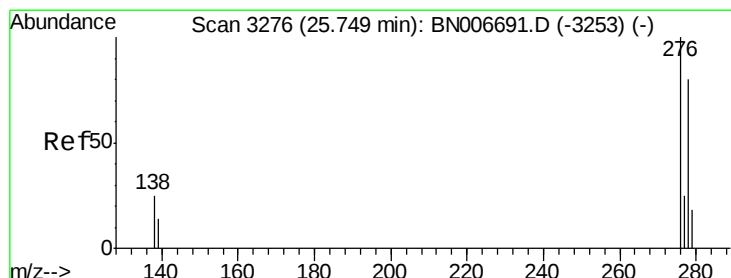
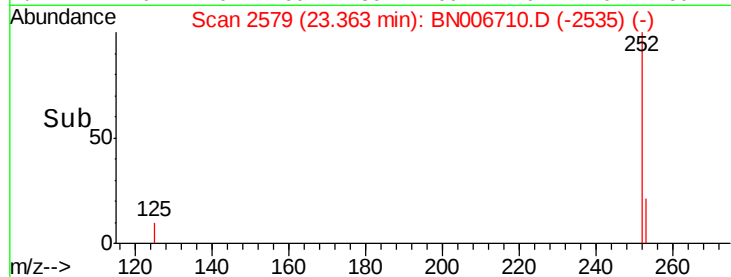
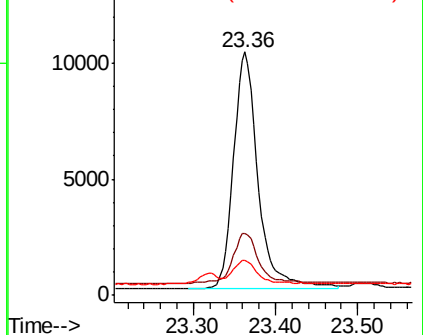
125 14.4 13.3 19.9



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: 0.389 ng

RT: 25.69 min Scan# 3258

Delta R.T. -0.06 min

Lab File: BN006710.D

Acq: 05 Jul 2019 11:56

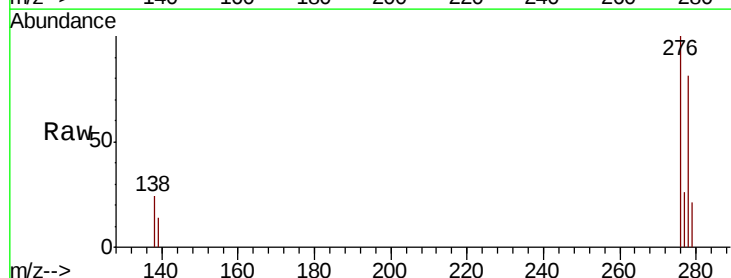
Tgt Ion:278 Resp: 21612

Ion Ratio Lower Upper

278 100

139 17.7 16.2 24.4

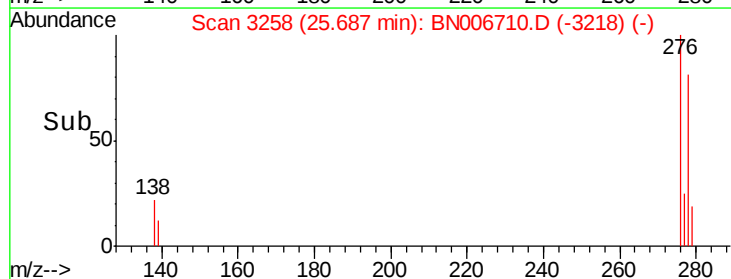
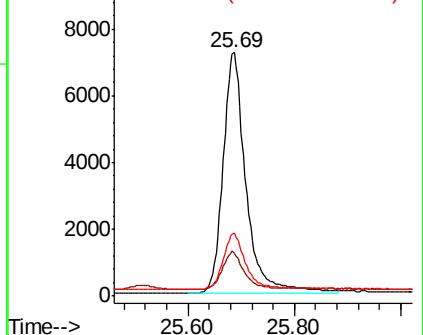
279 25.7 20.7 31.1



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: 0.390 ng

RT: 26.36 min Scan# 3455

Delta R.T. -0.07 min

Lab File: BN006710.D

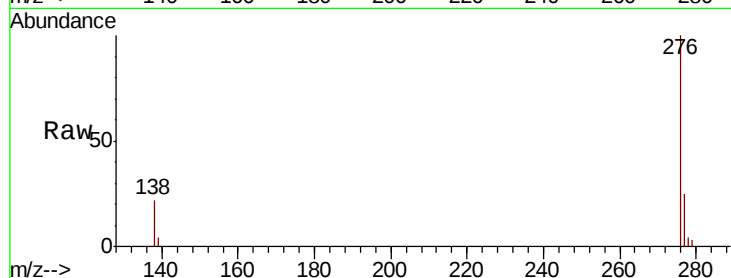
Acq: 05 Jul 2019 11:56

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 22301

Ion Ratio Lower Upper

276 100

277 24.8 20.6 30.8

138 22.5 19.7 29.5

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

