

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006696.D
 Acq On : 02 Jul 2019 17:43
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN070219

Quant Time: Jul 02 18:58:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 17:43:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3202	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	12513	0.40	ng	0.01
13) Acenaphthene-d10	14.27	164	6700	0.40	ng	0.00
19) Phenanthrene-d10	17.04	188	14403	0.40	ng	0.01
27) Chrysene-d12	21.27	240	12935	0.40	ng	0.01
34) Perylene-d12	23.51	264	14491	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3313	0.38	ng	0.00
5) Phenol-d6	6.83	99	4109	0.37	ng	0.00
8) Nitrobenzene-d5	8.79	82	3497	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	7834	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	1125	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.88	172	10771	0.41	ng	0.00
25) Fluoranthene-d10	19.08	212	17231	0.42	ng	0.00
29) Terphenyl-d14	19.68	244	12193	0.41	ng	0.00

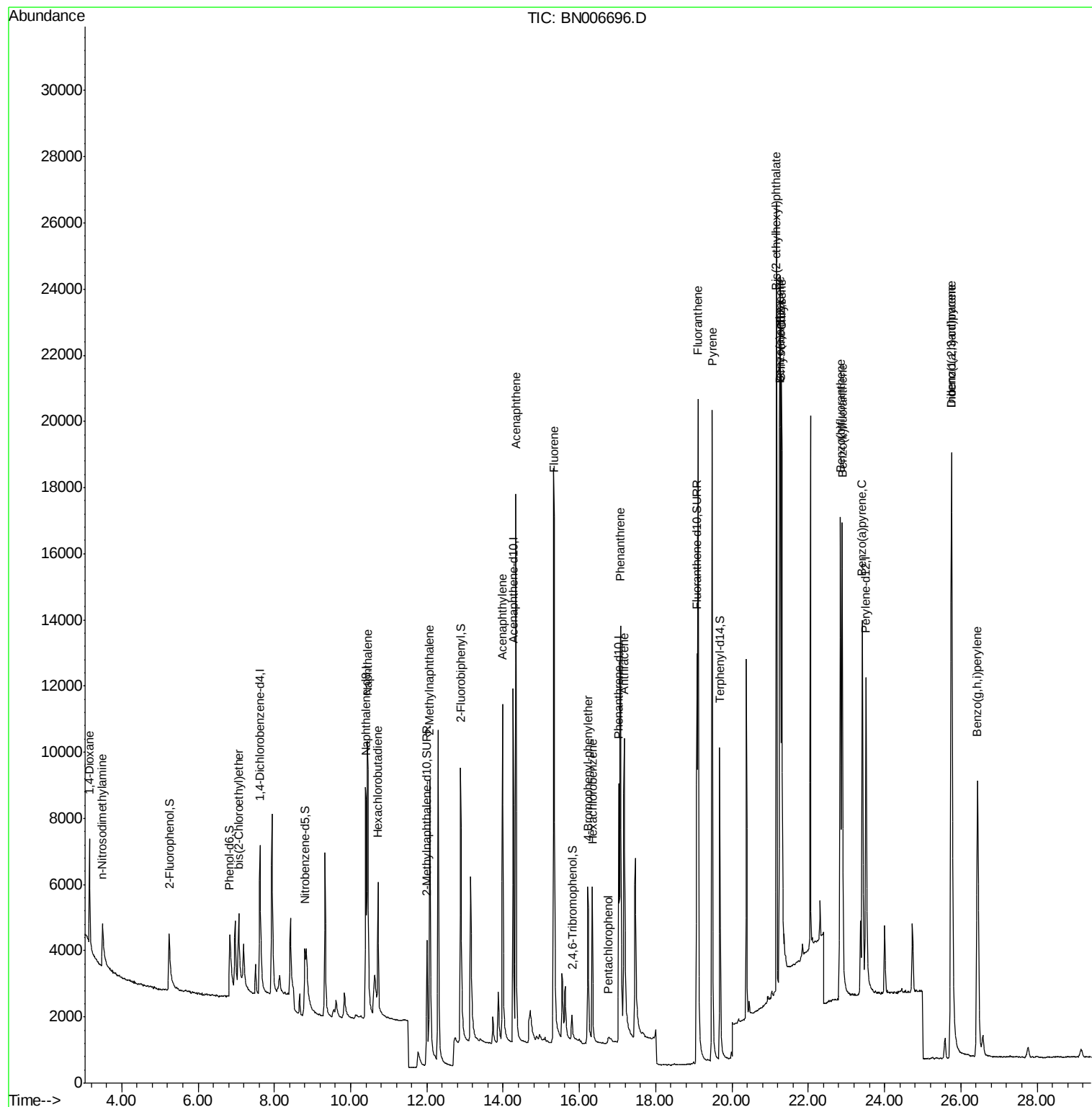
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	2048	0.409	ng	94
3) n-Nitrosodimethylamine	3.50	42	1407	0.373	ng	# 95
6) bis(2-Chloroethyl)ether	7.06	93	3856	0.415	ng	88
9) Naphthalene	10.44	128	13938	0.407	ng	99
10) Hexachlorobutadiene	10.72	225	2996	0.432	ng	# 99
12) 2-Methylnaphthalene	12.07	142	9084	0.374	ng	99
16) Acenaphthylene	13.99	152	13284	0.398	ng	100
17) Acenaphthene	14.33	154	9101	0.427	ng	99
18) Fluorene	15.34	166	10998	0.416	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	3414	0.402	ng	# 89
21) Hexachlorobenzene	16.34	284	4431	0.439	ng	99
22) Pentachlorophenol	16.76	266	385	0.414	ng	98
23) Phenanthrene	17.08	178	16958	0.408	ng	100
24) Anthracene	17.17	178	14598	0.389	ng	99
26) Fluoranthene	19.11	202	20556	0.422	ng	100
28) Pyrene	19.48	202	21311	0.412	ng	100
30) Benzo(a)anthracene	21.25	228	17409	0.390	ng	98
31) Chrysene	21.30	228	19785	0.430	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	26182	0.197	ng	99
33) Indeno(1,2,3-cd)pyrene	25.76	276	23878	0.434	ng	99
35) Benzo(b)fluoranthene	22.84	252	19324	0.415	ng	99
36) Benzo(k)fluoranthene	22.89	252	22308	0.442	ng	98
37) Benzo(a)pyrene	23.42	252	19552	0.434	ng	98
38) Dibenzo(a,h)anthracene	25.76	278	19146	0.428	ng	99
39) Benzo(g,h,i)perylene	26.44	276	19941	0.433	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: 7.62 min Scan# 570

Delta R.T. 0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

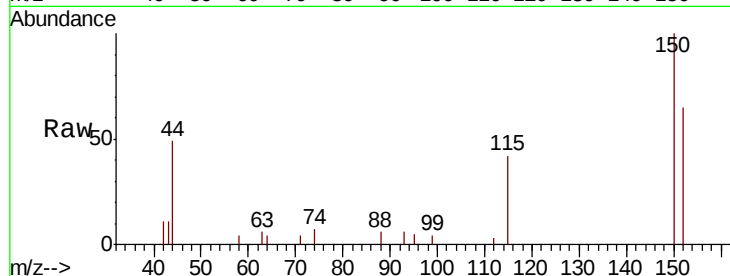
Tot Ion:152 Resp: 3202

Ion Ratio Lower Upper

152 100

150 152.7 120.6 181.0

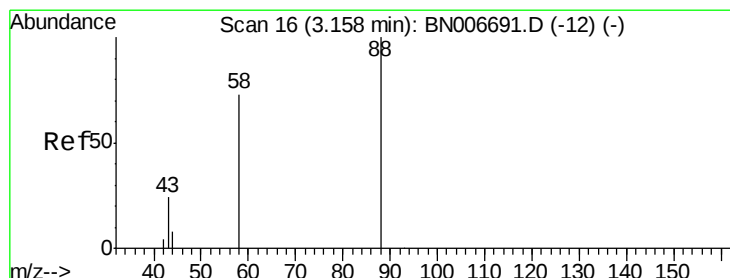
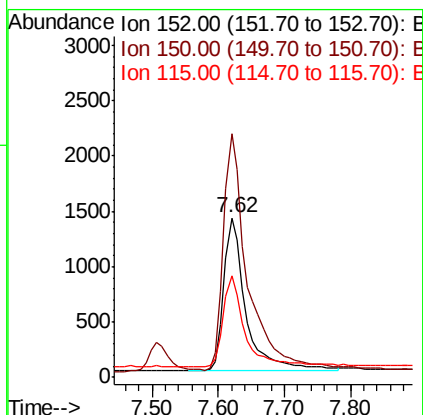
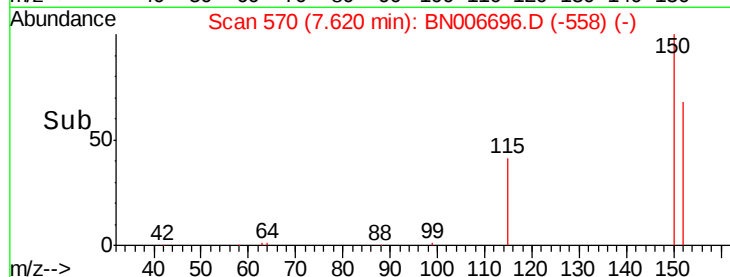
115 64.0 51.0 76.6



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: 0.409 ng

RT: 3.16 min Scan# 16

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

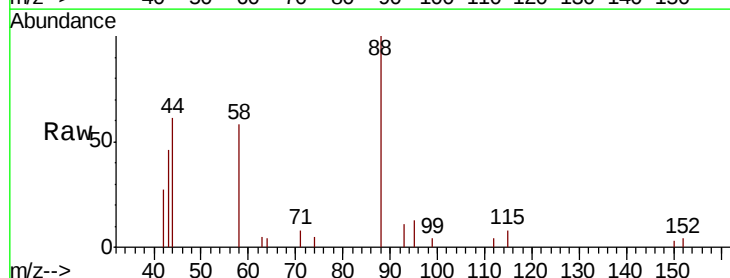
Tgt Ion: 88 Resp: 2048

Ion Ratio Lower Upper

88 100

58 81.1 61.1 91.7

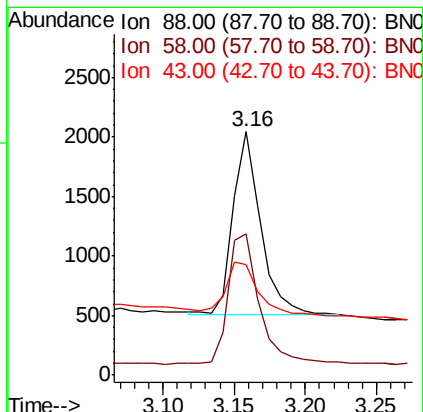
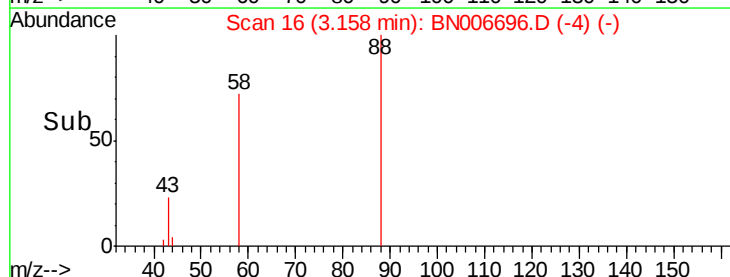
43 36.2 32.4 48.6



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: 0.373 ng

RT: 3.50 min Scan# 58

Delta R.T. 0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

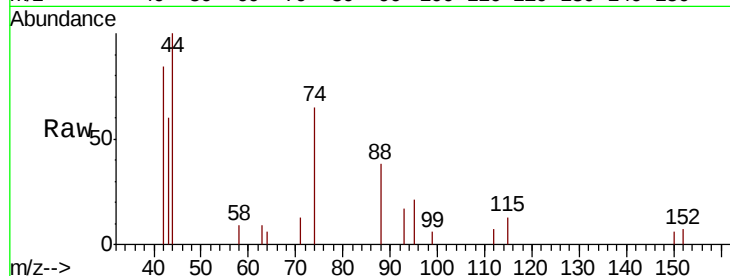
Tot Ion: 42 Resp: 1407

Ion Ratio Lower Upper

42 100

74 127.2 106.6 160.0

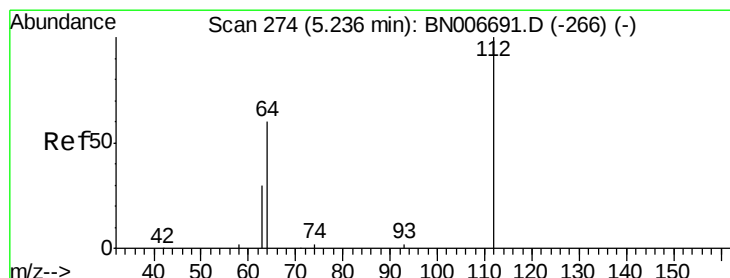
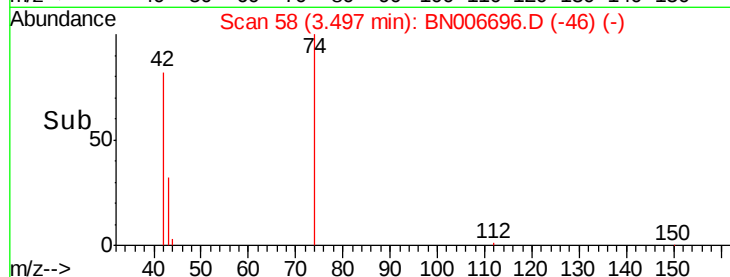
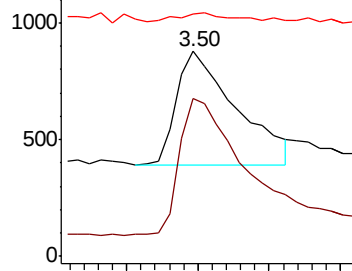
44 7.0 8.0 12.0#



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: 0.381 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

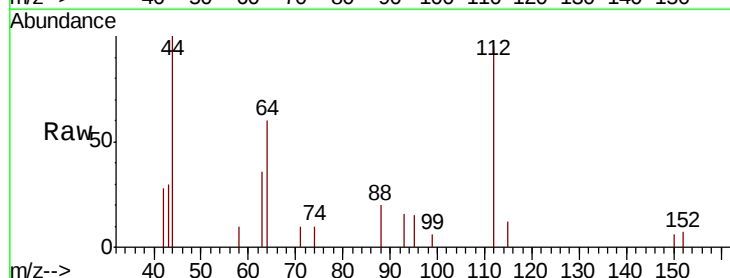
Tgt Ion: 112 Resp: 3313

Ion Ratio Lower Upper

112 100

64 61.6 49.8 74.6

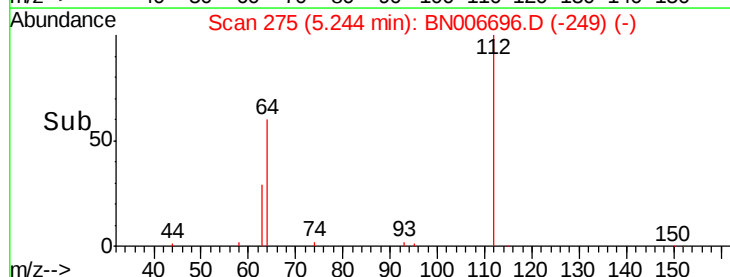
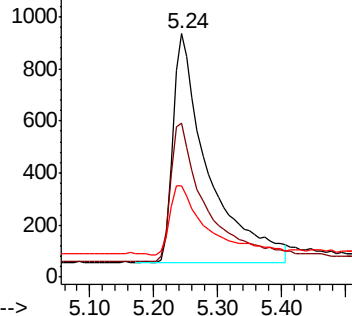
63 31.8 25.8 38.6

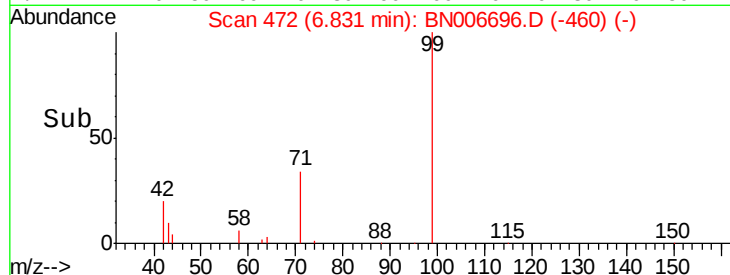
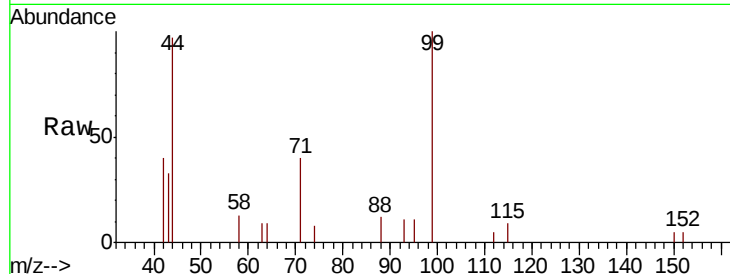
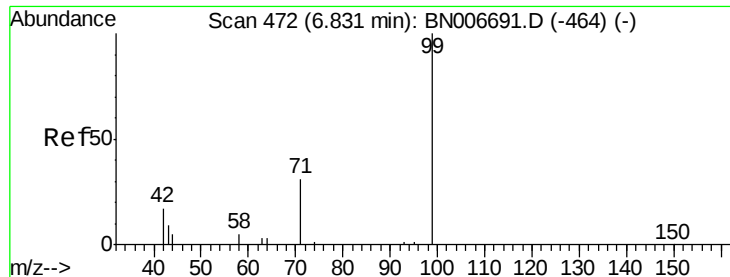


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.373 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

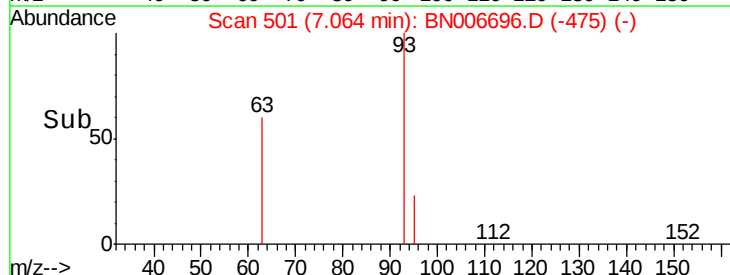
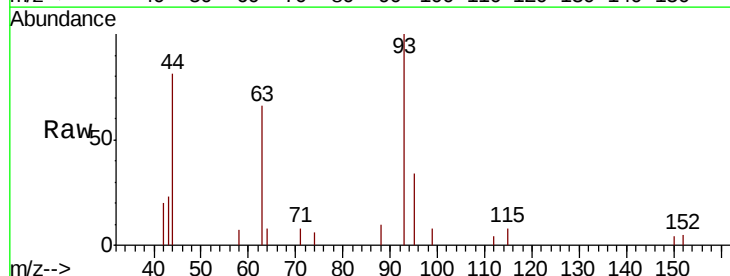
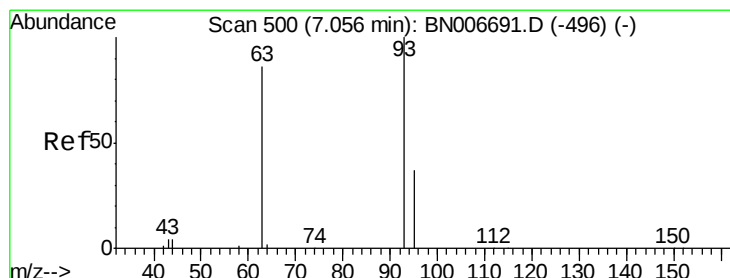
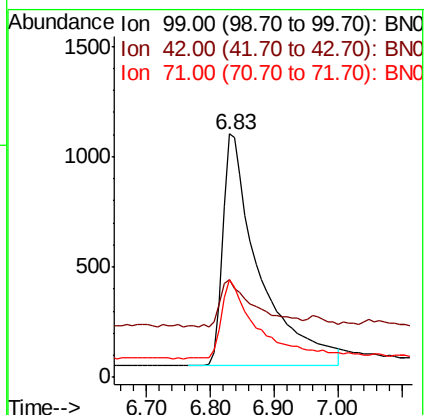
Tot Ion: 99 Resp: 4109

Ion Ratio Lower Upper

99 100

42 19.8 16.6 25.0

71 32.9 26.0 39.0



#6

bis(2-Chloroethyl)ether

Concen: 0.415 ng

RT: 7.06 min Scan# 501

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

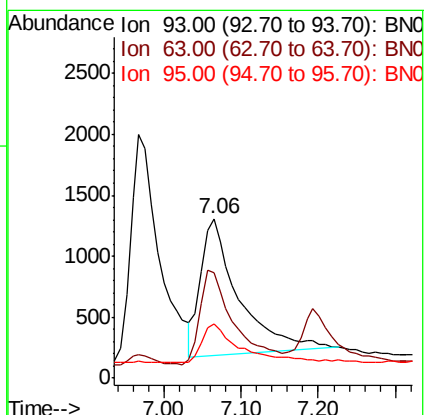
Tgt Ion: 93 Resp: 3856

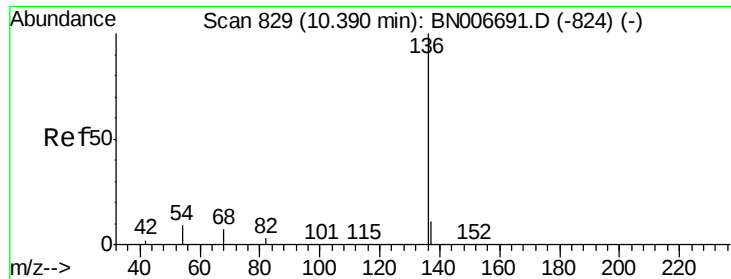
Ion Ratio Lower Upper

93 100

63 62.6 58.6 87.8

95 28.9 28.3 42.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

Tot Ion:136 Resp: 12513

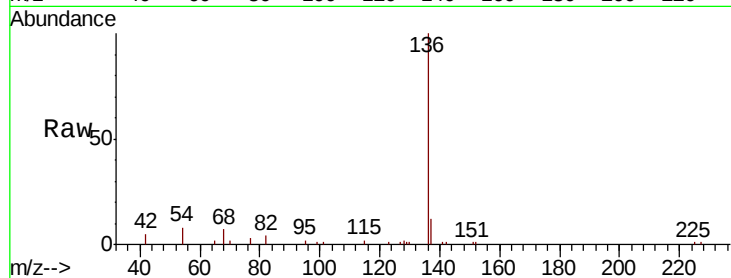
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 7.8 8.4 12.6#

68 6.6 6.8 10.2#

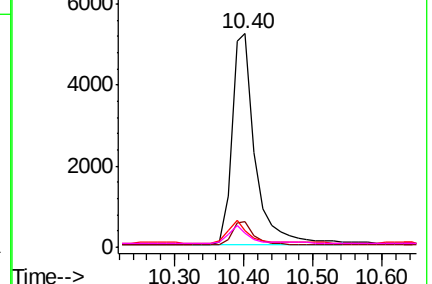
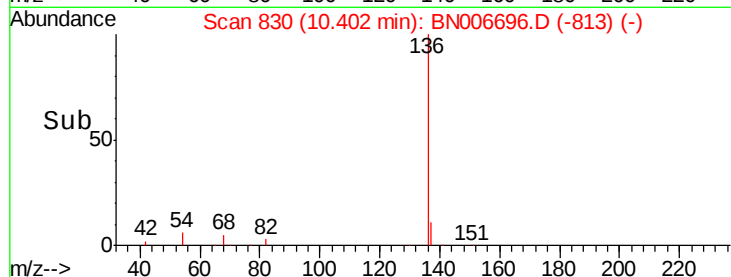


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

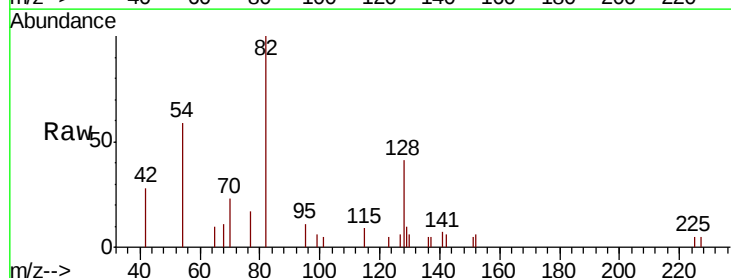
Tgt Ion: 82 Resp: 3497

Ion Ratio Lower Upper

82 100

128 40.7 36.1 54.1

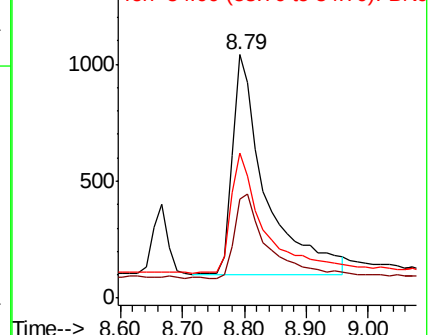
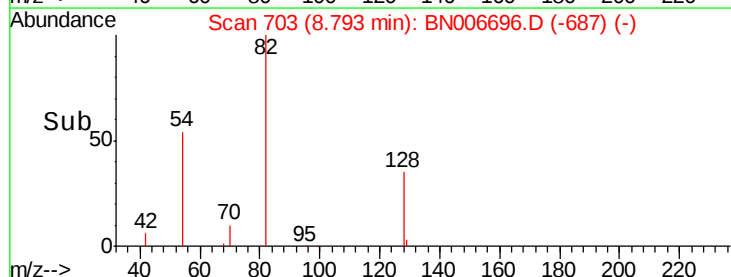
54 59.5 44.5 66.7



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: 0.407 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

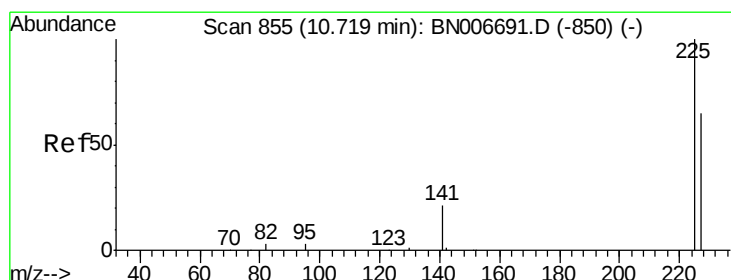
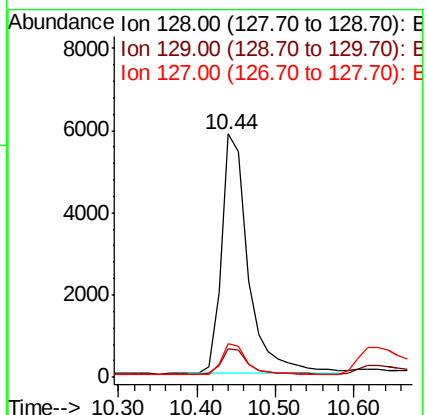
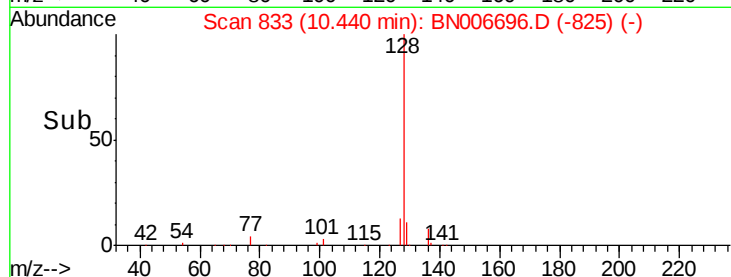
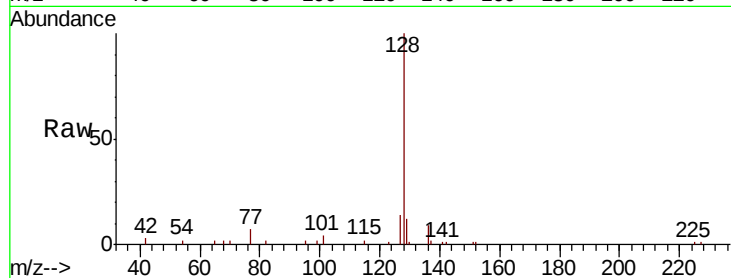
Tot Ion:128 Resp: 13938

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

127 14.1 11.0 16.4



#10

Hexachlorobutadiene

Concen: 0.432 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

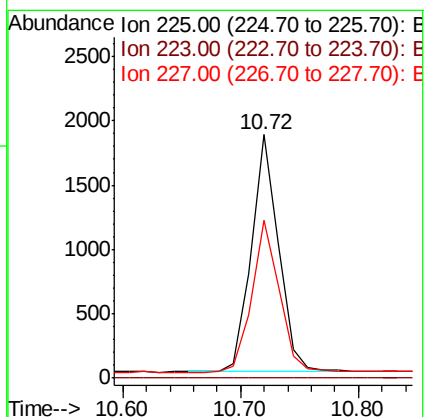
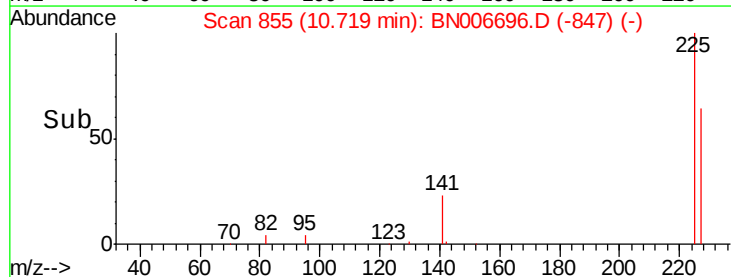
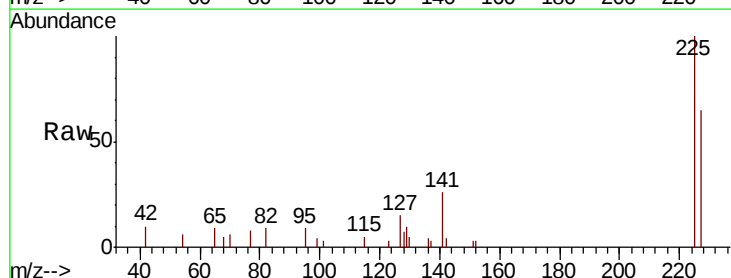
Tgt Ion:225 Resp: 2996

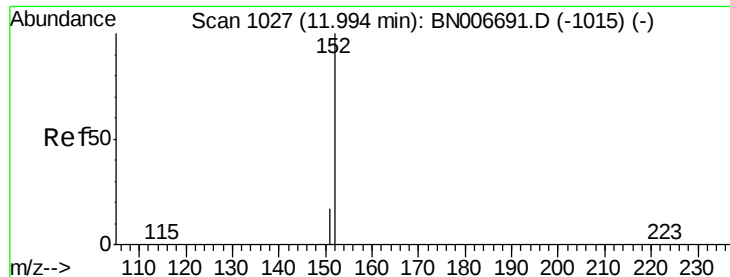
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.4 50.9 76.3

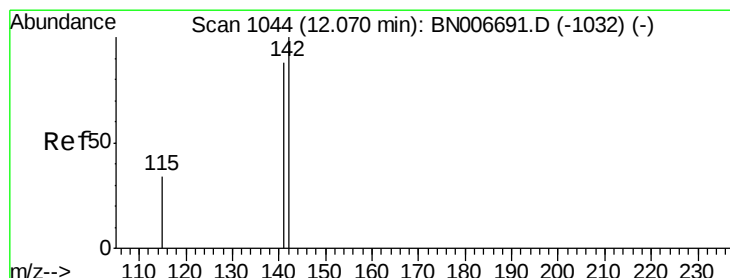
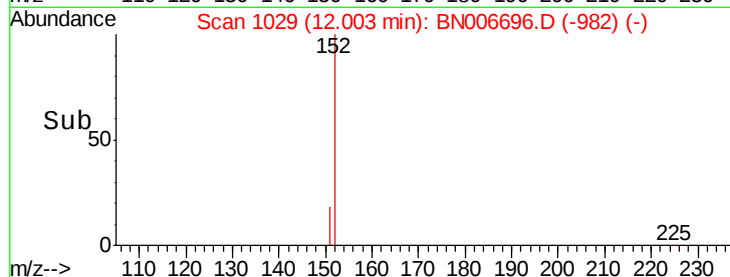
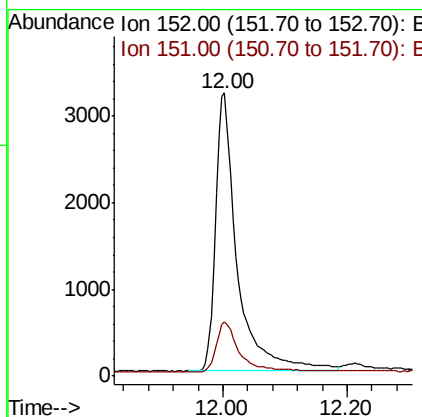
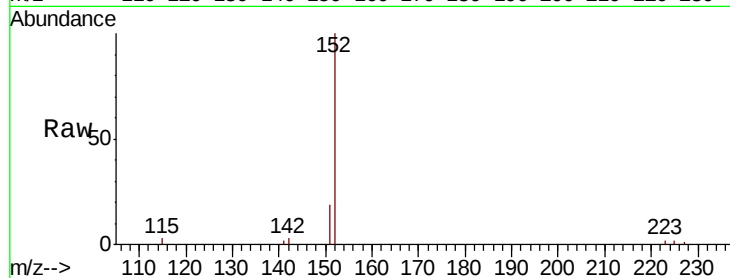




#11
 2-Methylnaphthalene-d10
 Concen: 0.416 ng
 RT: 12.00 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BN006696.D
 Acq: 02 Jul 2019 17:43

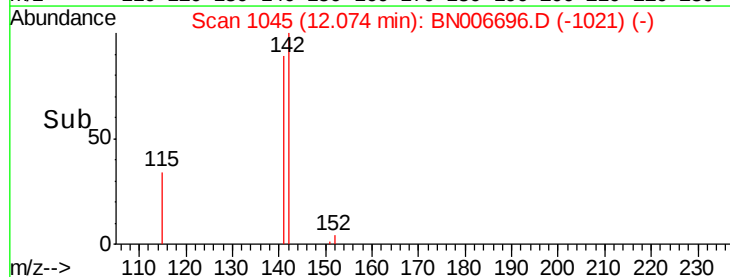
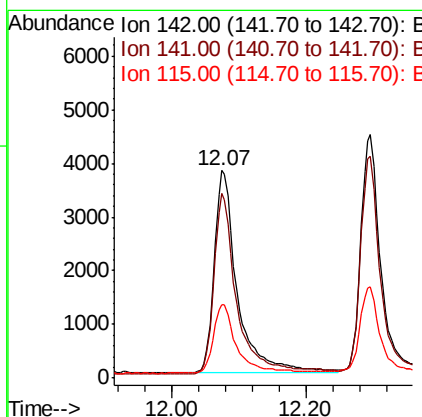
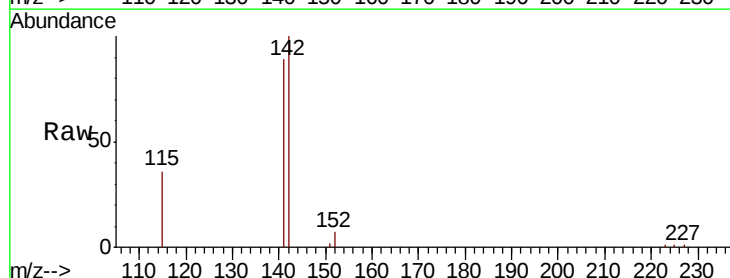
Instrument :
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 ICVBN070219

Tot Ion:152 Resp: 7834
 Ion Ratio Lower Upper
 152 100
 151 19.0 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.374 ng
 RT: 12.07 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BN006696.D
 Acq: 02 Jul 2019 17:43

Tgt Ion:142 Resp: 9084
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.3 105.5
 115 35.7 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

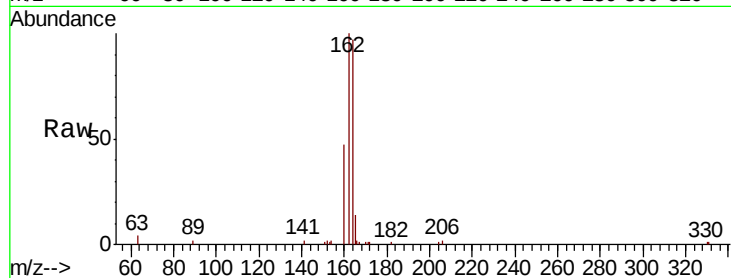
Tot Ion:164 Resp: 6700

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

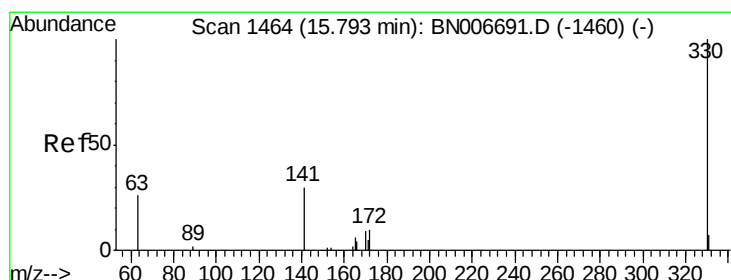
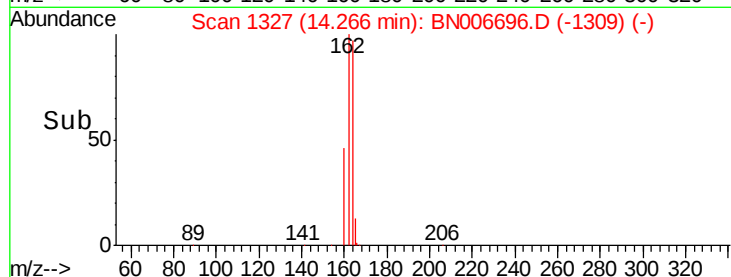
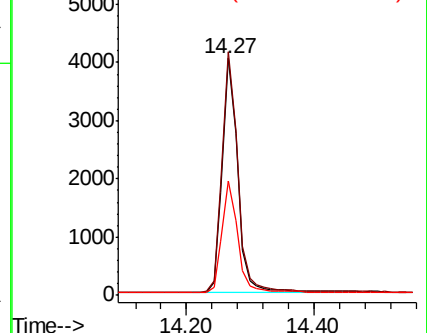
160 48.2 37.0 55.6



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: 0.342 ng

RT: 15.80 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

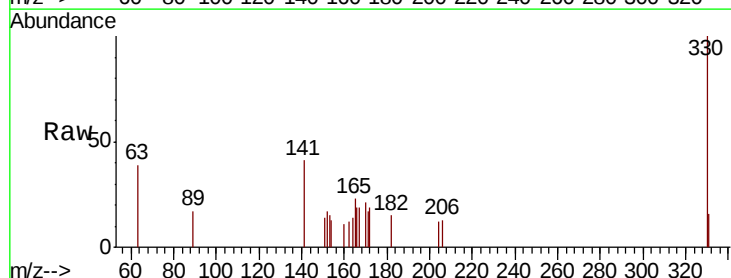
Tgt Ion:330 Resp: 1125

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

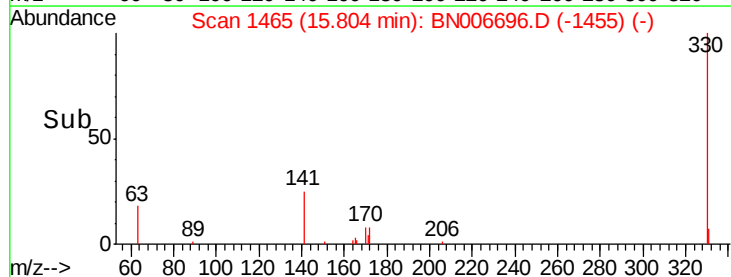
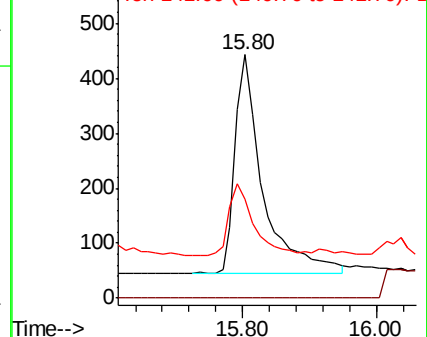
141 30.6 24.8 37.2



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

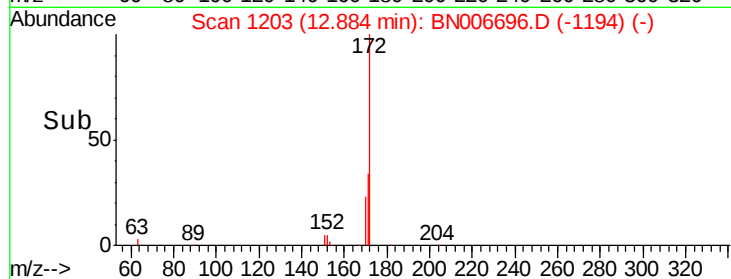
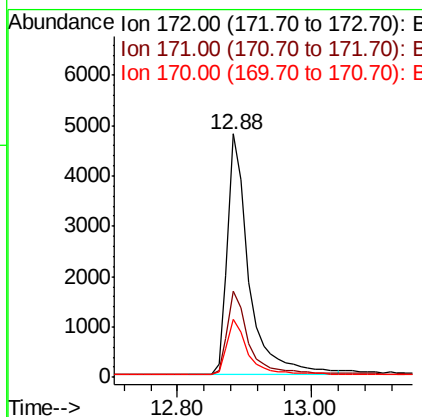
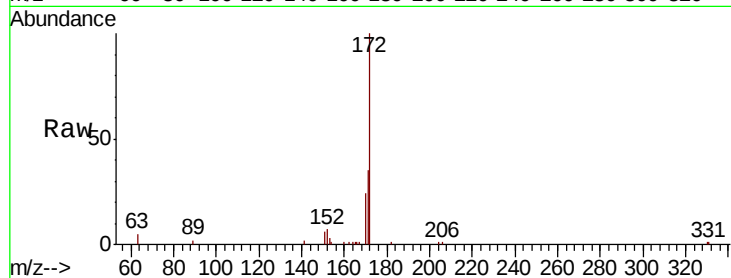




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BN006696.D
Acq: 02 Jul 2019 17:43

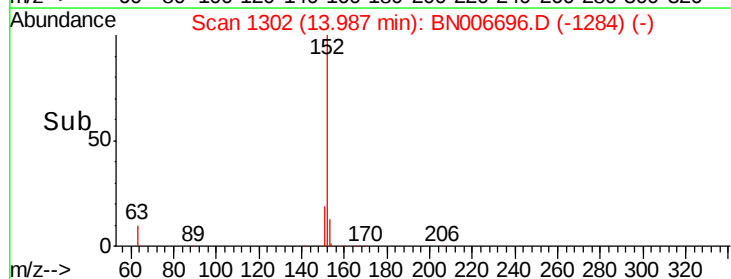
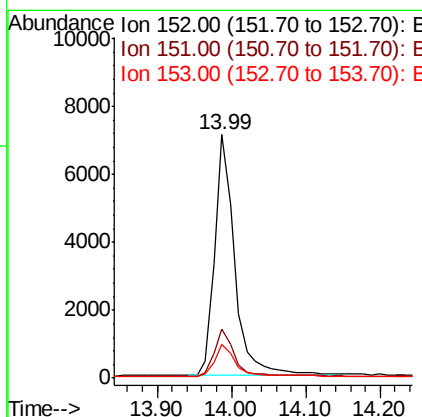
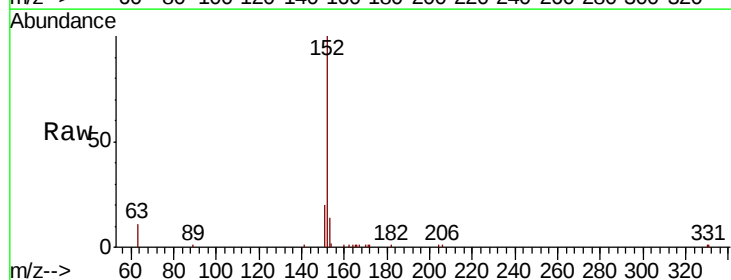
Instrument :
BNA_N
ClientSampleId :
ICVBN070219

Tot Ion:172 Resp: 10771
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 24.0 18.9 28.3



#16
Acenaphthylene
Concen: 0.398 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006696.D
Acq: 02 Jul 2019 17:43

Tgt Ion:152 Resp: 13284
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.427 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

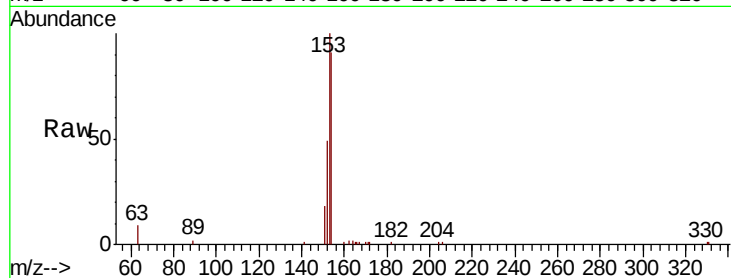
Tot Ion:154 Resp: 9101

Ion Ratio Lower Upper

154 100

153 111.3 88.9 133.3

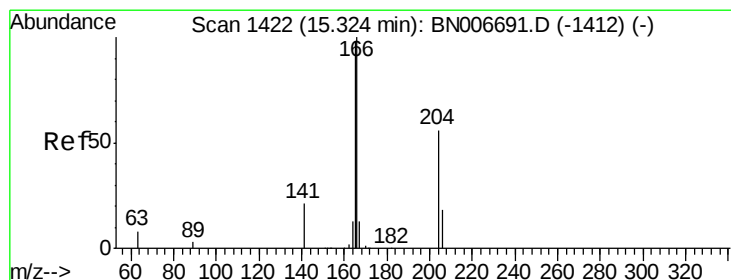
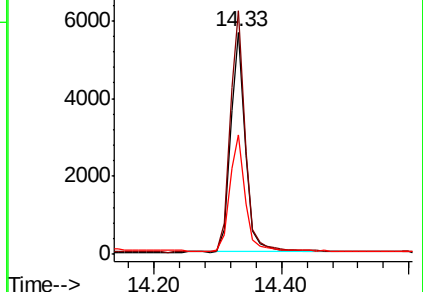
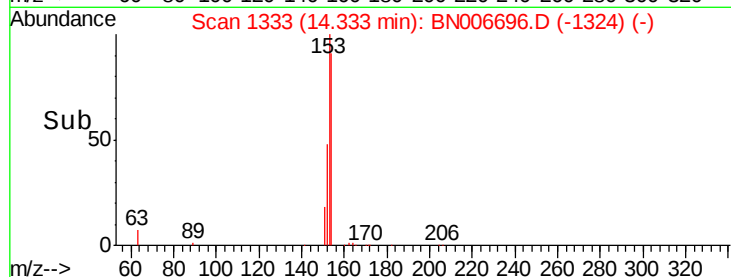
152 54.4 42.8 64.2



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: 0.416 ng

RT: 15.34 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

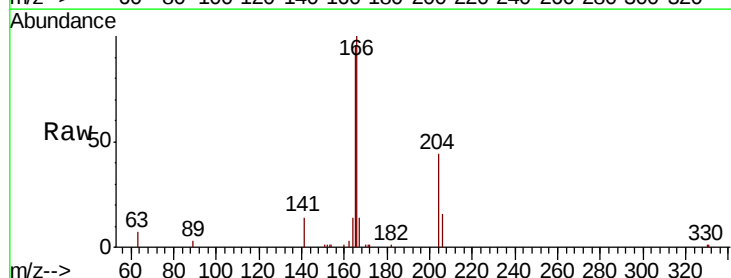
Tgt Ion:166 Resp: 10998

Ion Ratio Lower Upper

166 100

165 97.1 78.0 117.0

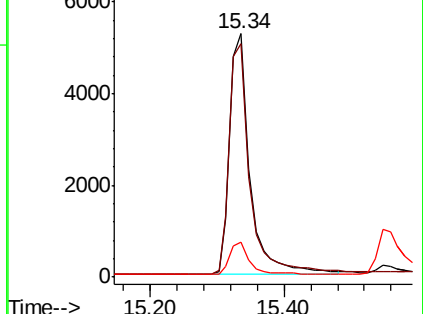
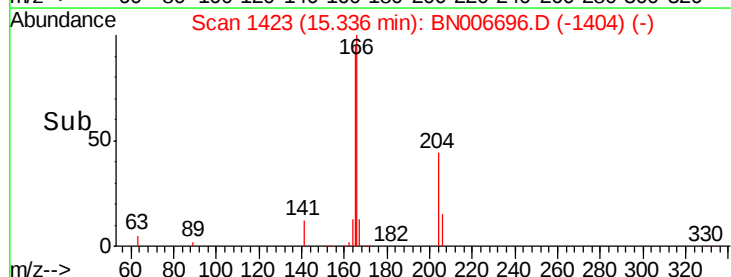
167 13.4 10.7 16.1

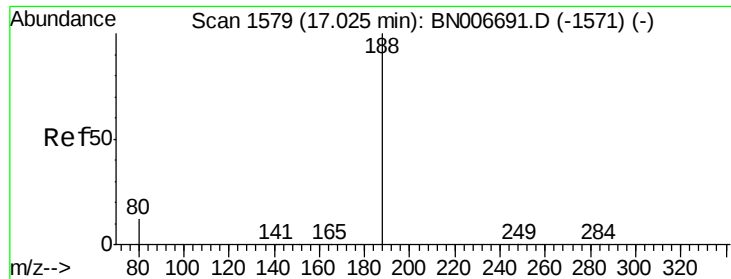


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.04 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

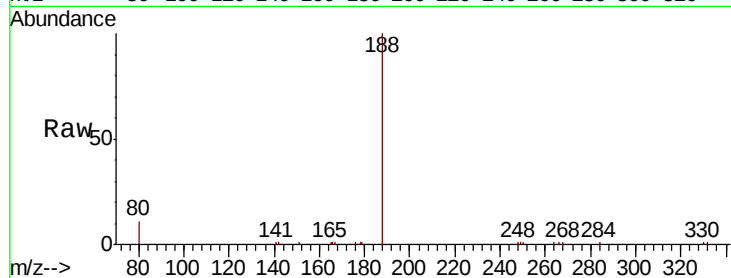
Tot Ion:188 Resp: 14403

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

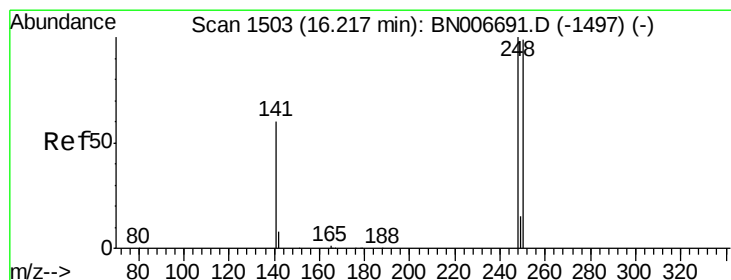
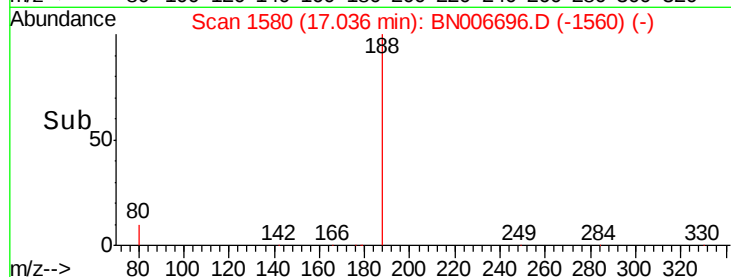
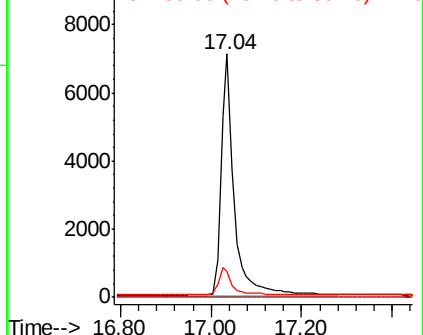
80 10.7 10.3 15.5



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: 0.402 ng

RT: 16.22 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

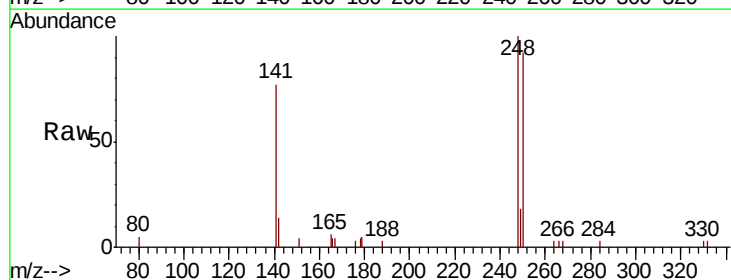
Tgt Ion:248 Resp: 3414

Ion Ratio Lower Upper

248 100

250 92.2 79.0 118.6

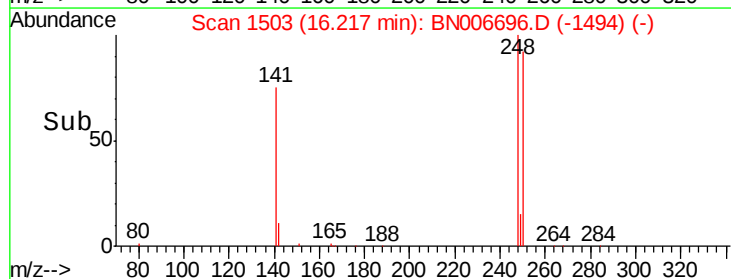
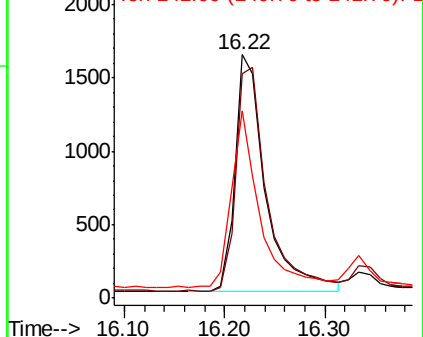
141 77.1 50.2 75.4#

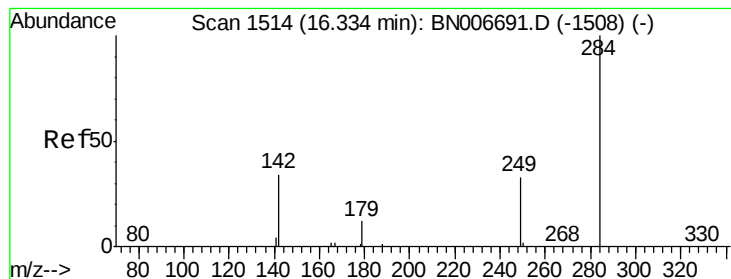


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.439 ng

RT: 16.34 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

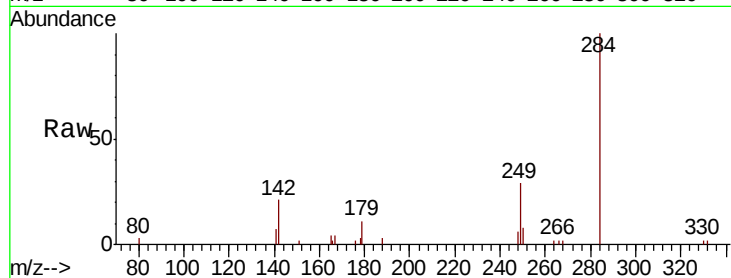
Tot Ion:284 Resp: 4431

Ion Ratio Lower Upper

284 100

142 32.9 26.9 40.3

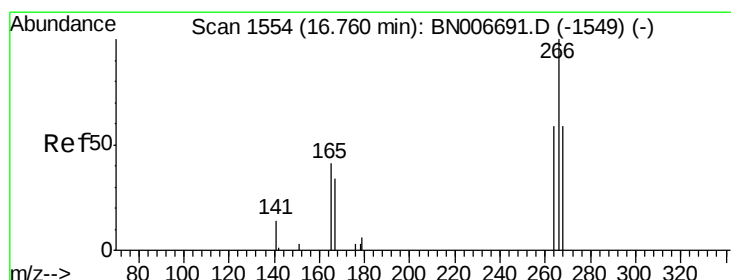
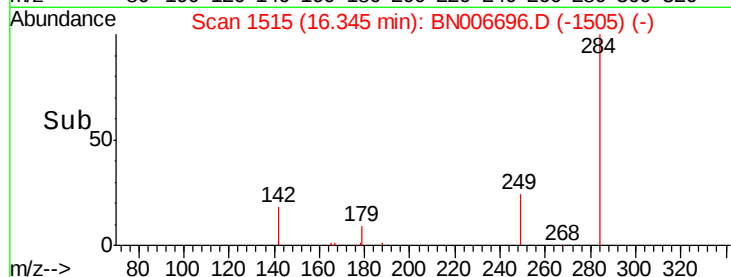
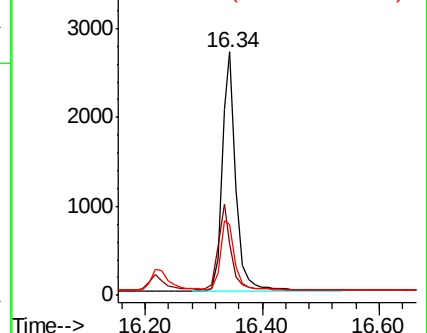
249 30.2 24.4 36.6



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: 0.414 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

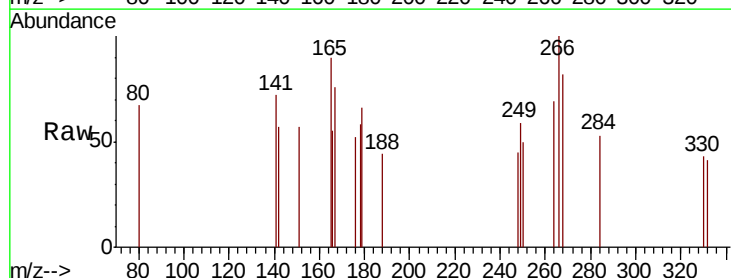
Tgt Ion:266 Resp: 385

Ion Ratio Lower Upper

266 100

264 69.1 57.6 86.4

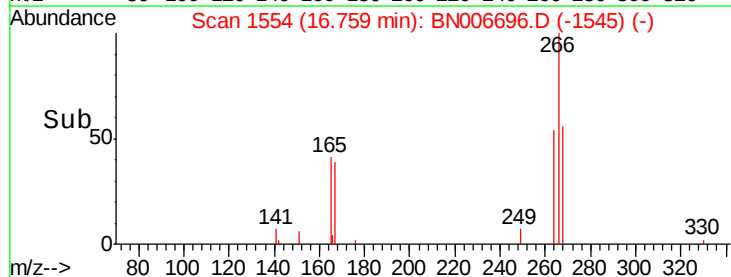
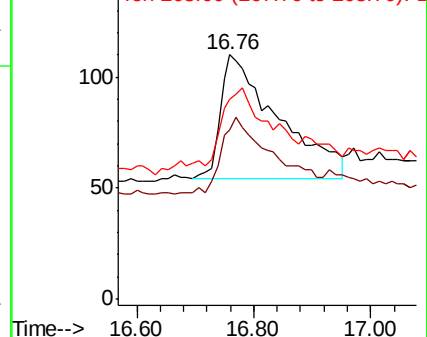
268 81.8 66.6 99.8



Abundance Ion 266.00 (265.70 to 266.70): E

150 Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.408 ng

RT: 17.08 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

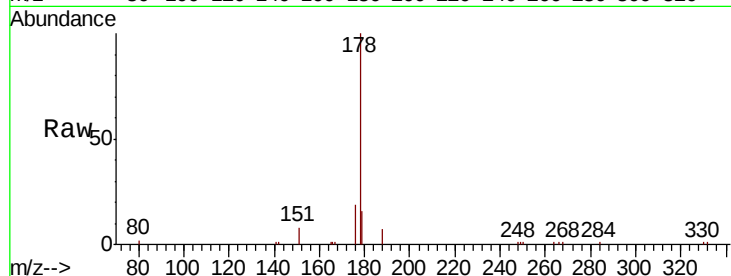
Tot Ion:178 Resp: 16958

Ion Ratio Lower Upper

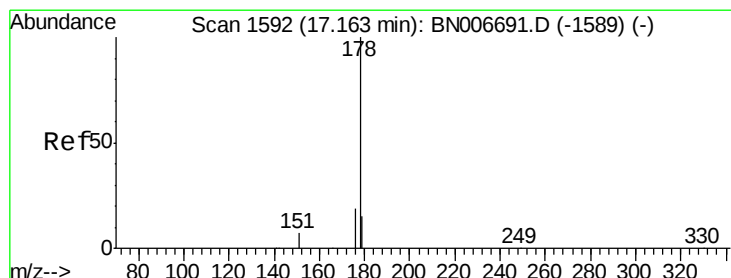
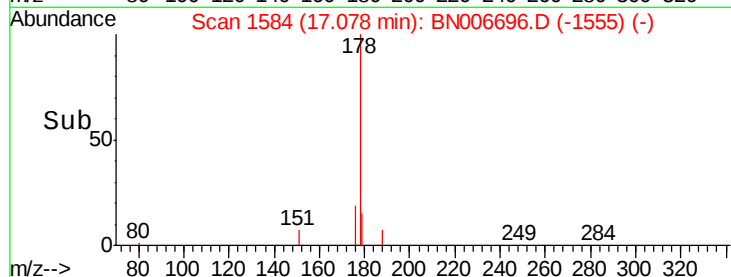
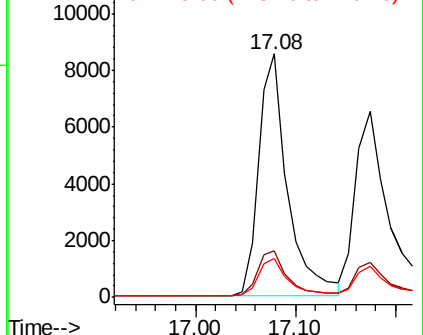
178 100

176 19.2 15.3 22.9

179 15.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.389 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

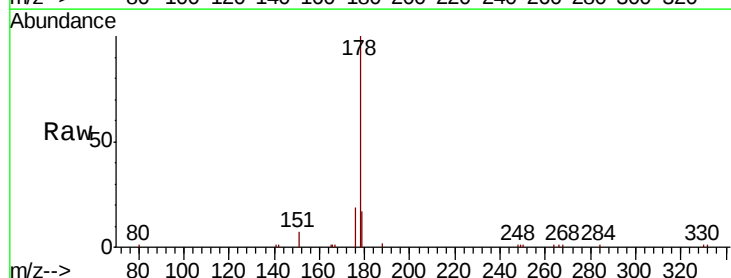
Tgt Ion:178 Resp: 14598

Ion Ratio Lower Upper

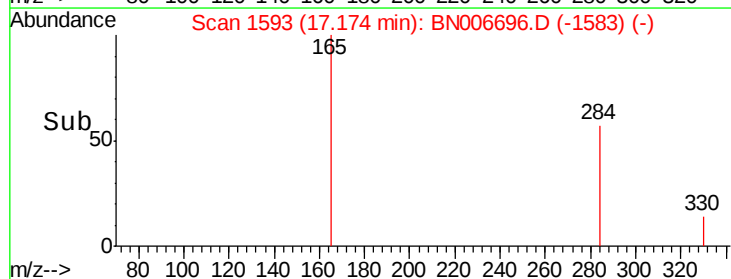
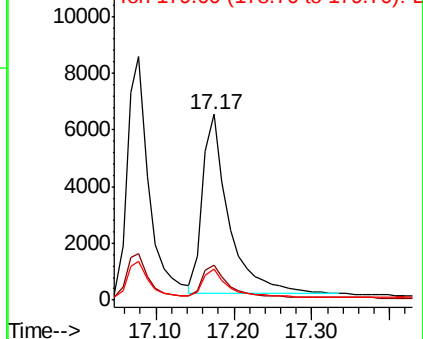
178 100

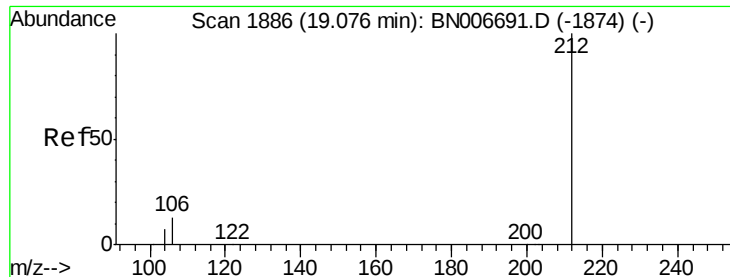
176 18.3 14.8 22.2

179 15.2 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: 0.418 ng

RT: 19.08 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

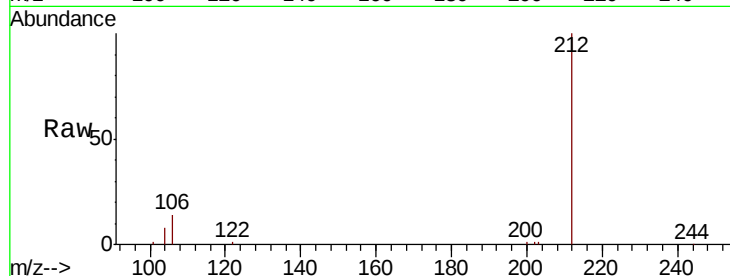
Tot Ion:212 Resp: 17231

Ion Ratio Lower Upper

212 100

106 14.0 11.0 16.6

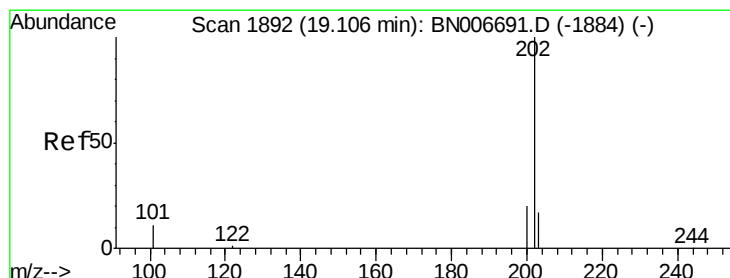
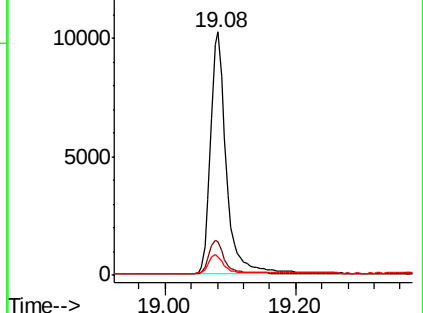
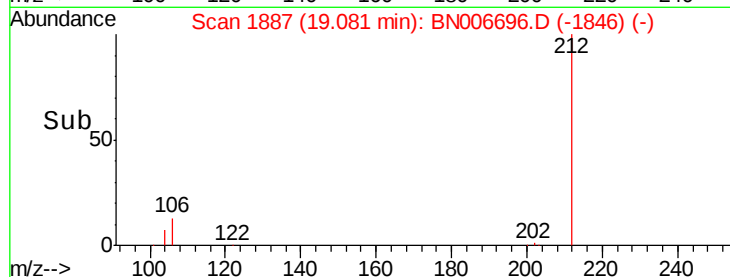
104 7.6 6.1 9.1



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: 0.422 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

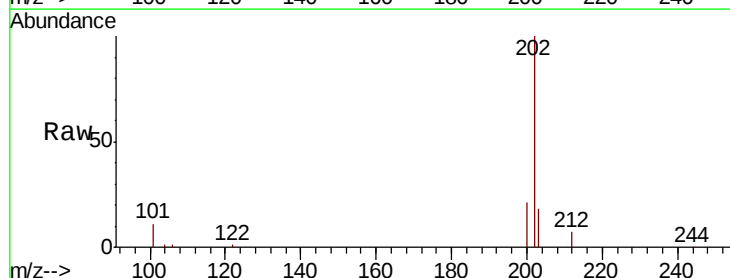
Tgt Ion:202 Resp: 20556

Ion Ratio Lower Upper

202 100

101 10.7 8.7 13.1

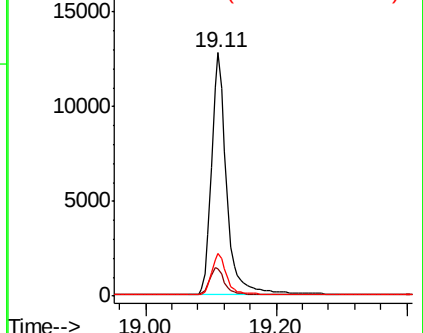
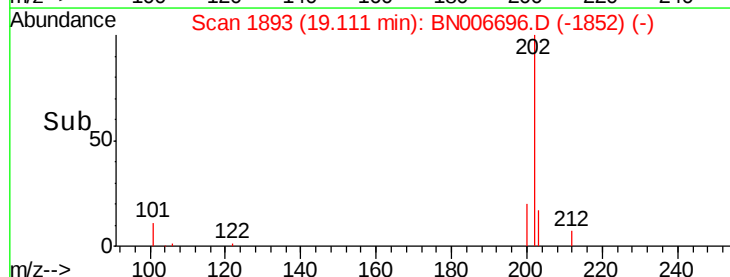
203 17.0 13.8 20.6



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

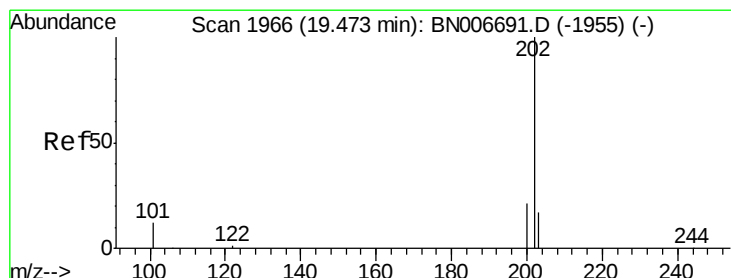
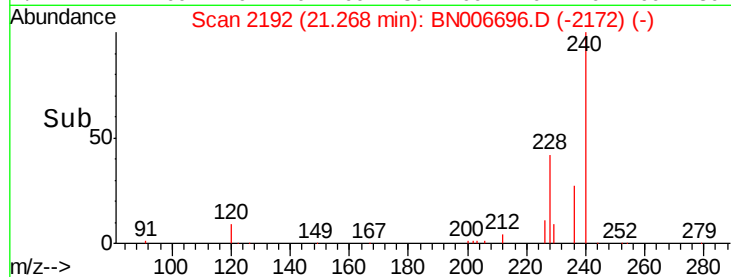
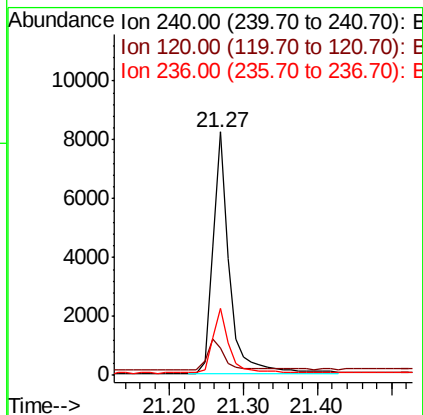
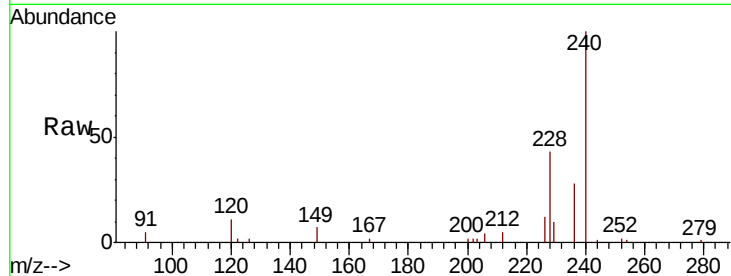




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BN006696.D
Acq: 02 Jul 2019 17:43

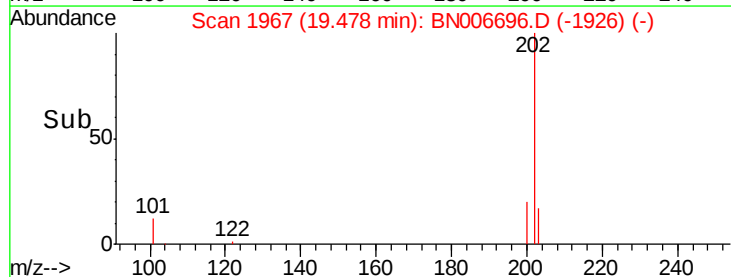
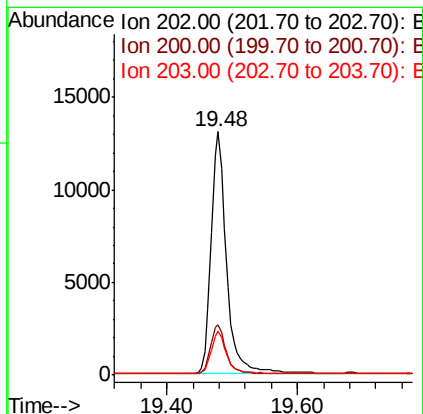
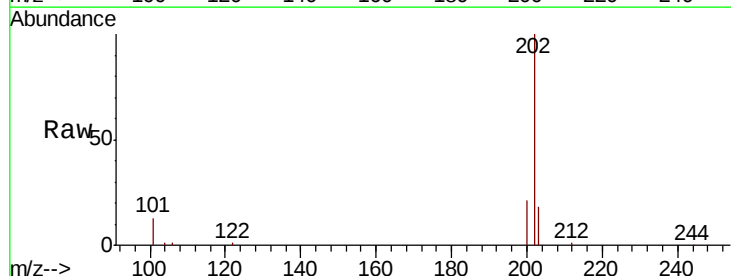
Instrument :
BNA_N
ClientSampleId :
ICVBN070219

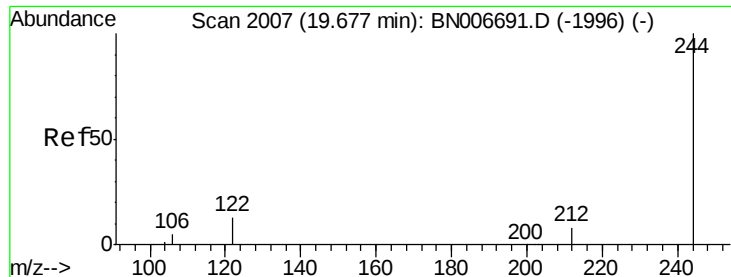
Tot Ion:240 Resp: 12935
Ion Ratio Lower Upper
240 100
120 11.1 12.9 19.3#
236 27.7 23.2 34.8



#28
Pyrene
Concen: 0.412 ng
RT: 19.48 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BN006696.D
Acq: 02 Jul 2019 17:43

Tgt Ion:202 Resp: 21311
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.7 14.2 21.2





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.68 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

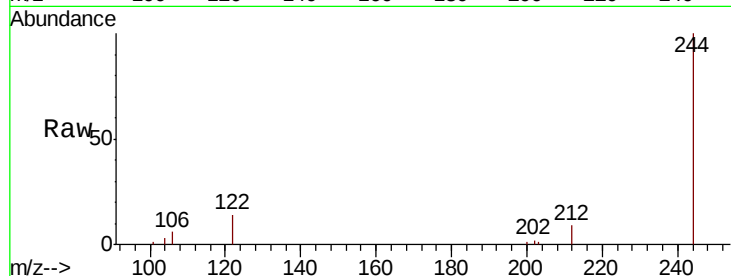
Tot Ion:244 Resp: 12193

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

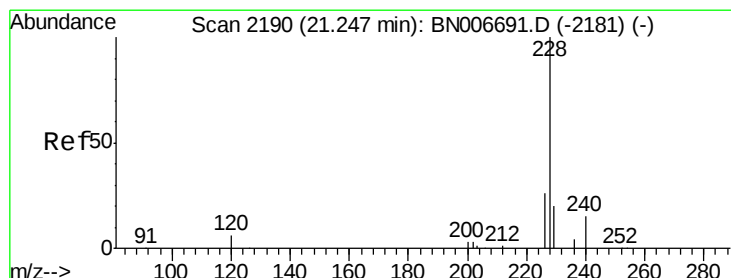
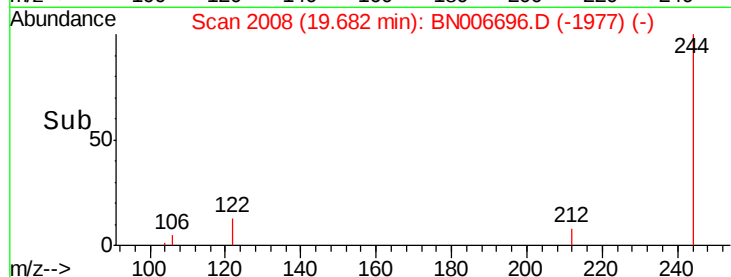
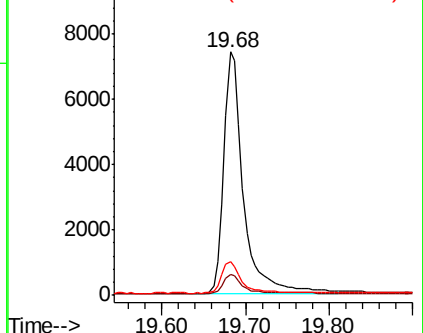
122 14.0 11.5 17.3



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: 0.390 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

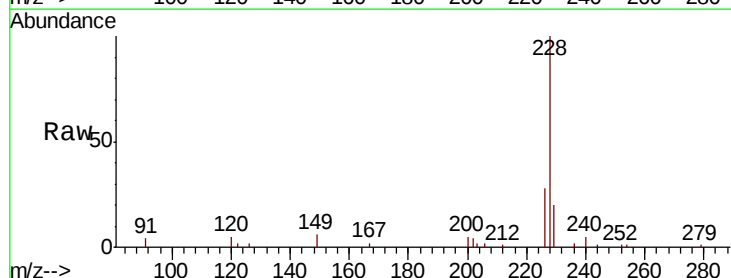
Tgt Ion:228 Resp: 17409

Ion Ratio Lower Upper

228 100

226 28.1 21.5 32.3

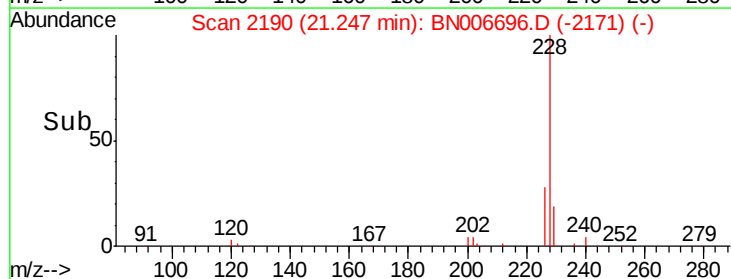
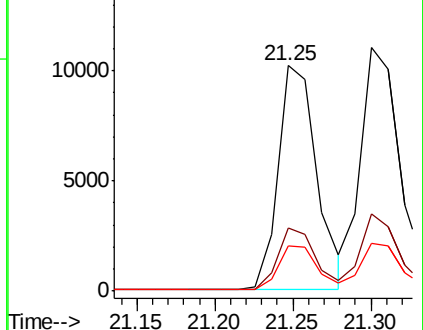
229 20.0 16.2 24.4

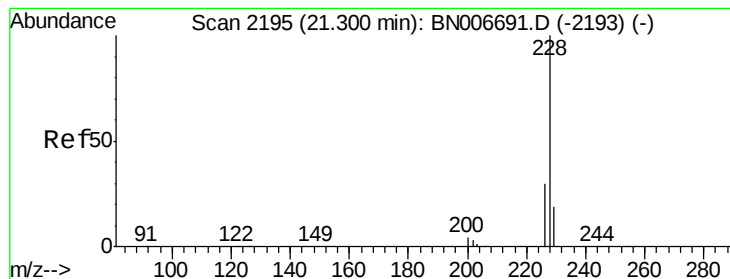


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.430 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

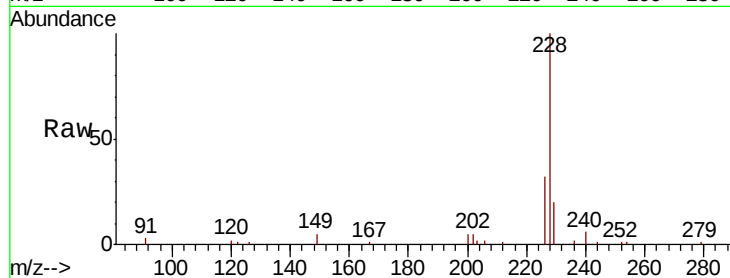
Tot Ion:228 Resp: 19785

Ion Ratio Lower Upper

228 100

226 31.7 24.2 36.2

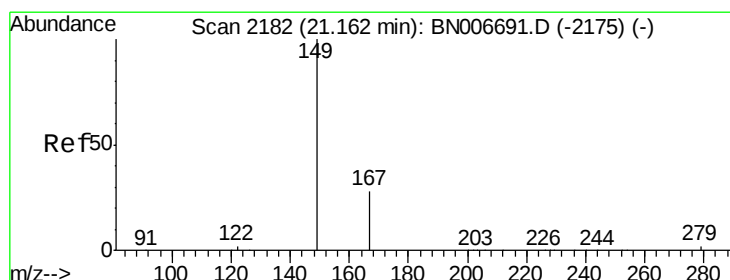
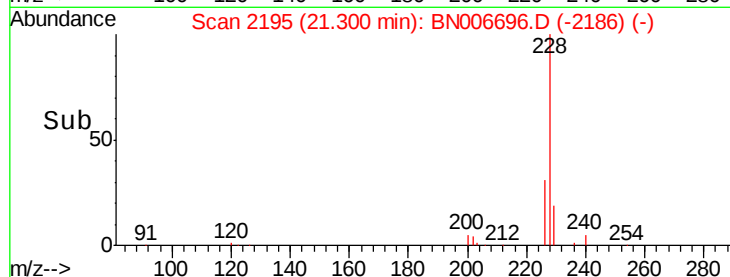
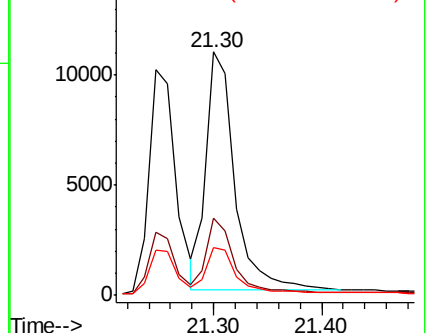
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

15000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.197 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

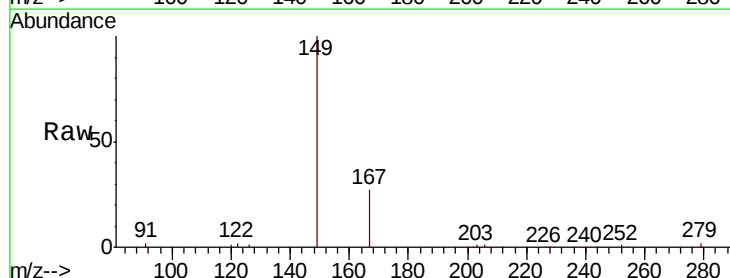
Tgt Ion:149 Resp: 26182

Ion Ratio Lower Upper

149 100

167 29.1 22.9 34.3

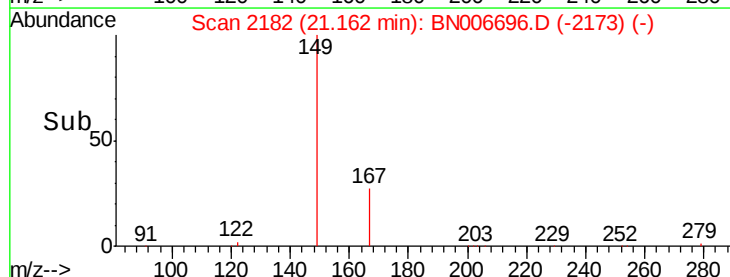
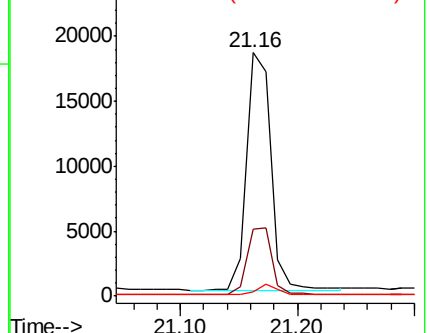
279 4.0 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

25000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

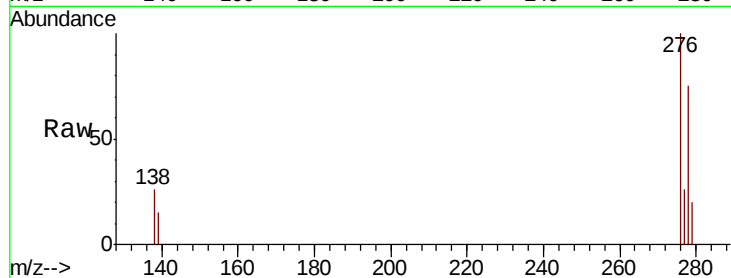




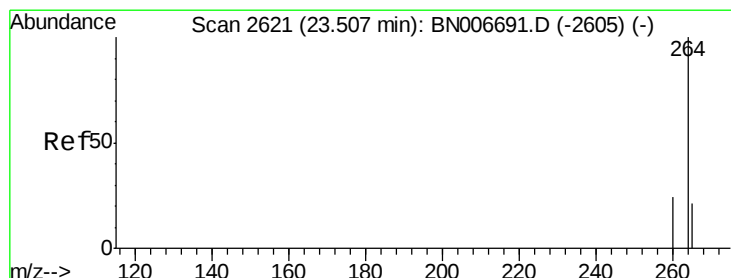
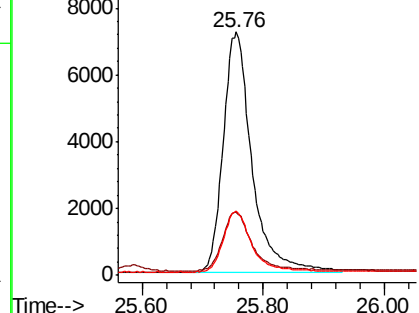
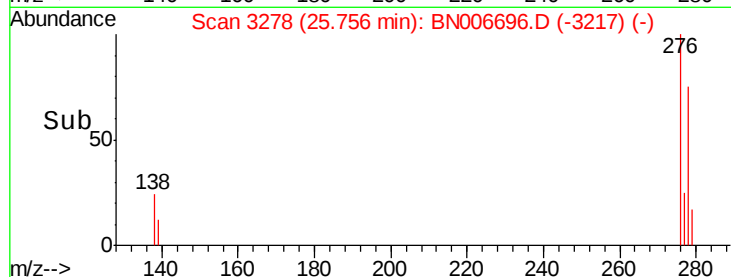
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.434 ng
 RT: 25.76 min Scan# 3278
 Delta R.T. 0.01 min
 Lab File: BN006696.D
 Acq: 02 Jul 2019 17:43

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN070219

Tot Ion:276 Resp: 23878
 Ion Ratio Lower Upper
 276 100
 138 24.7 19.5 29.3
 277 24.8 19.7 29.5

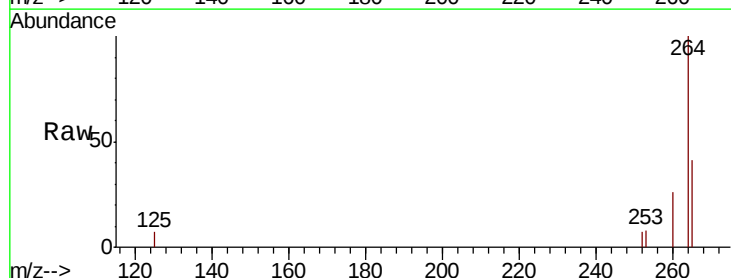


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

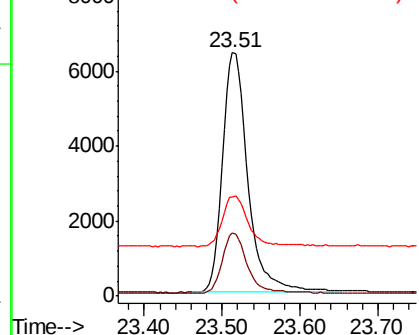
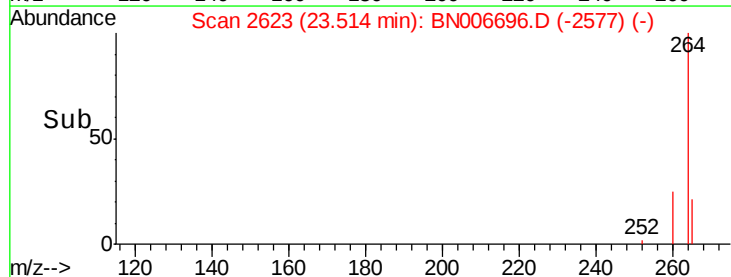


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BN006696.D
 Acq: 02 Jul 2019 17:43

Tgt Ion:264 Resp: 14491
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 40.8 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: 0.415 ng

RT: 22.84 min Scan# 2427

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

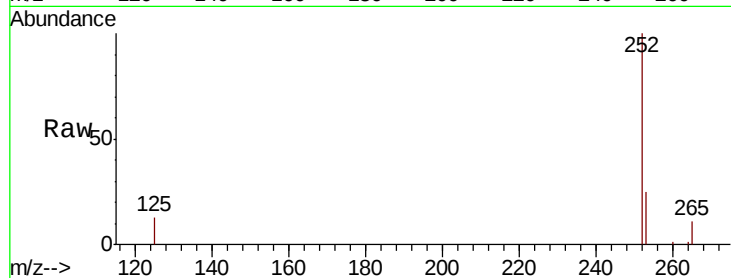
Tot Ion:252 Resp: 19324

Ion Ratio Lower Upper

252 100

253 25.2 20.2 30.2

125 13.3 11.5 17.3

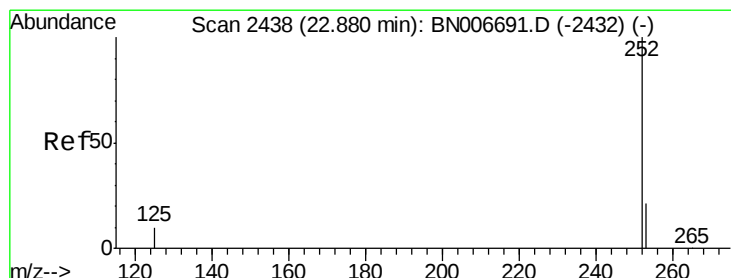
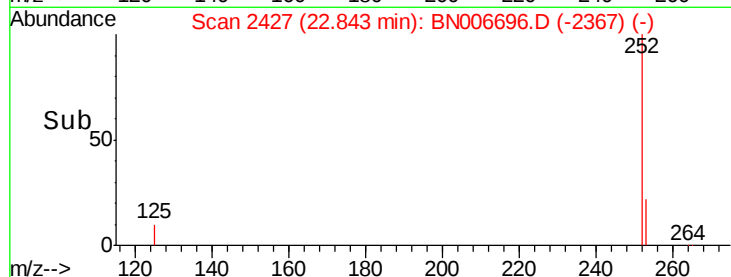
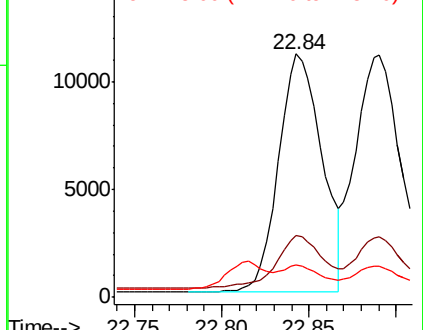


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.442 ng

RT: 22.89 min Scan# 2441

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

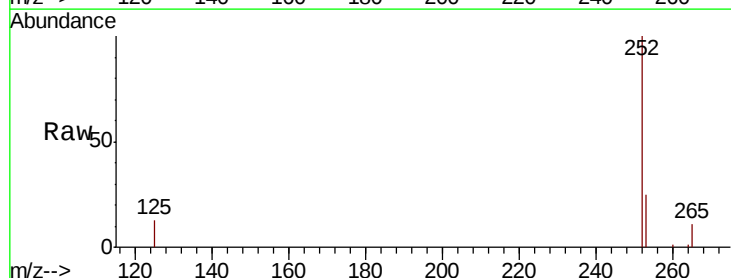
Tgt Ion:252 Resp: 22308

Ion Ratio Lower Upper

252 100

253 24.8 20.1 30.1

125 12.7 11.4 17.0

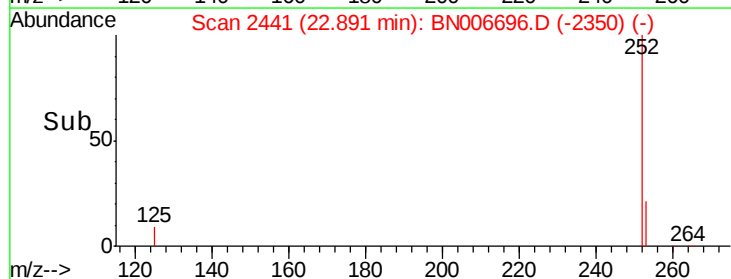
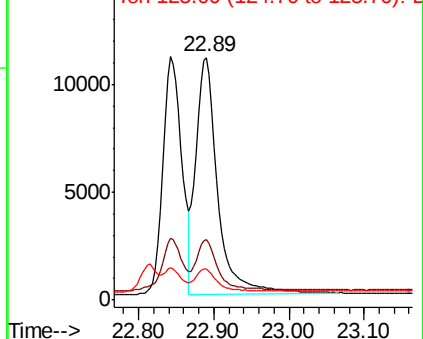


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.434 ng

RT: 23.42 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

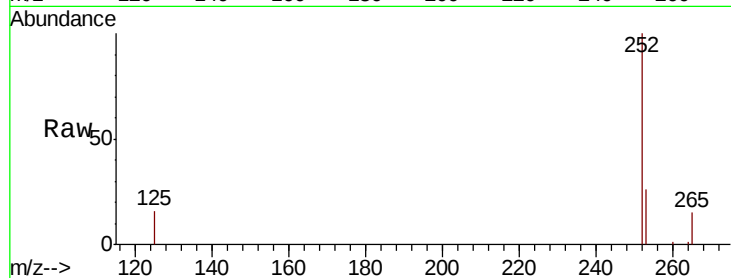
Tot Ion:252 Resp: 19552

Ion Ratio Lower Upper

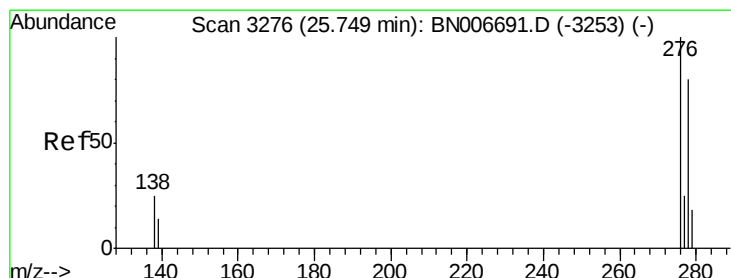
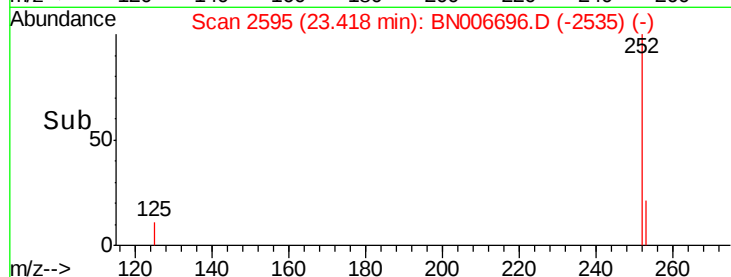
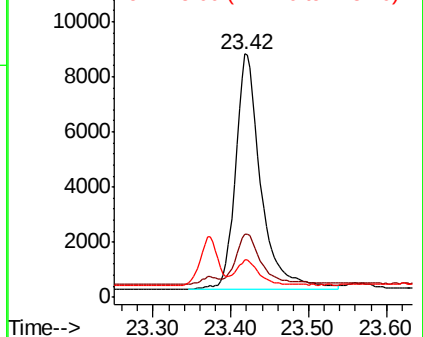
252 100

253 26.0 21.4 32.2

125 15.5 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: 0.428 ng

RT: 25.76 min Scan# 3279

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

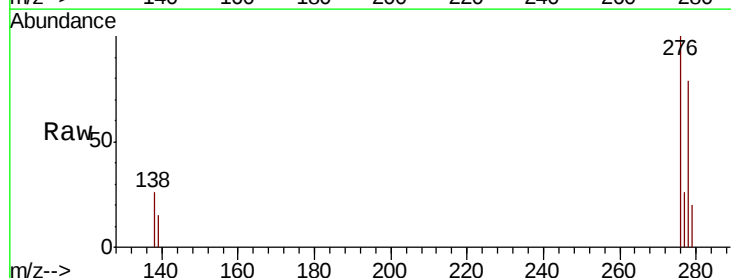
Tgt Ion:278 Resp: 19146

Ion Ratio Lower Upper

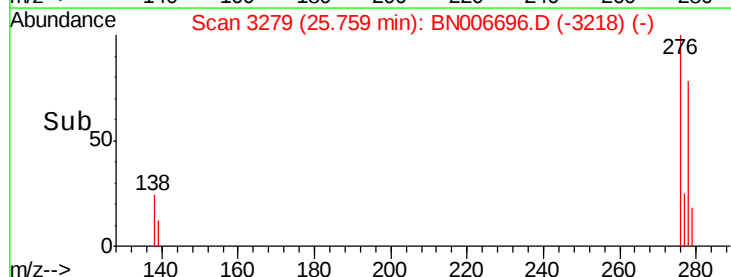
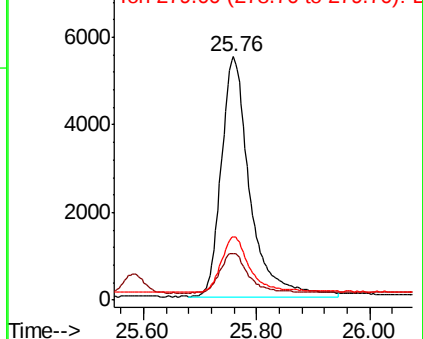
278 100

139 19.3 16.2 24.4

279 26.0 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(a,h,i)perylene

Concen: 0.433 ng

RT: 26.44 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BN006696.D

Acq: 02 Jul 2019 17:43

Instrument :

BNA_N

ClientSampleId :

ICVBN070219

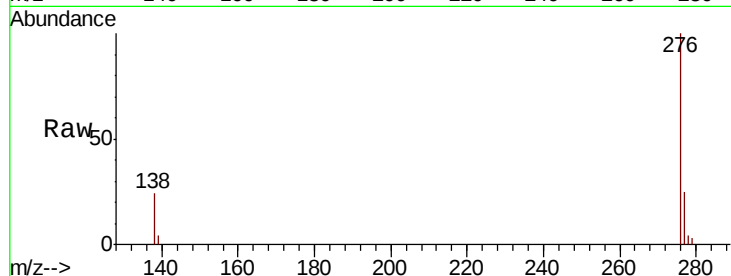
Tot Ion: 276 Resp: 19941

Ion Ratio Lower Upper

276 100

277 25.2 20.6 30.8

138 23.7 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

