

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006691.D
 Acq On : 02 Jul 2019 14:36
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 02 17:08:08 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 17:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3470	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	13129	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	7029	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	15208	0.40	ng	0.00
27) Chrysene-d12	21.26	240	13548	0.40	ng	0.00
34) Perylene-d12	23.51	264	15265	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3652	0.43	ng	0.00
5) Phenol-d6	6.83	99	4546	0.40	ng	0.00
8) Nitrobenzene-d5	8.79	82	3861	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.99	152	8159	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1293	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	11358	0.44	ng	0.00
25) Fluoranthene-d10	19.08	212	18386	0.41	ng	0.00
29) Terphenyl-d14	19.68	244	13001	0.46	ng	0.00

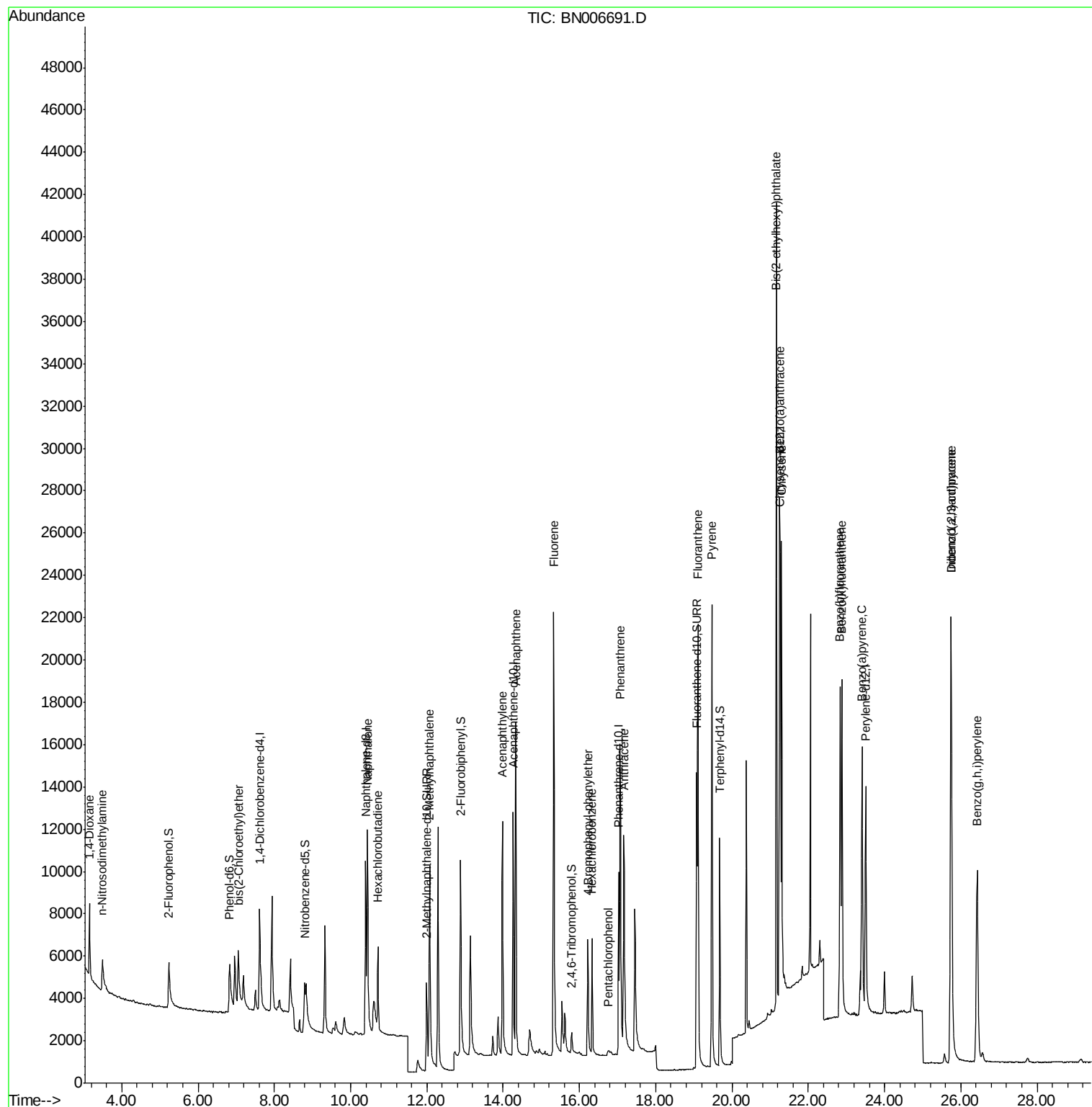
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	2171	0.452	ng	97
3) n-Nitrosodimethylamine	3.50	42	1520	0.403	ng	96
6) bis(2-Chloroethyl)ether	7.06	93	3601	0.358	ng	100
9) Naphthalene	10.44	128	14951	0.433	ng	100
10) Hexachlorobutadiene	10.72	225	3165	0.446	ng	# 100
12) 2-Methylnaphthalene	12.07	142	10101	0.424	ng	100
16) Acenaphthylene	13.99	152	14250	0.425	ng	100
17) Acenaphthene	14.33	154	9516	0.431	ng	99
18) Fluorene	15.32	166	11626	0.417	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	3610	0.428	ng	100
21) Hexachlorobenzene	16.33	284	4533	0.426	ng	100
22) Pentachlorophenol	16.76	266	421	0.248	ng	100
23) Phenanthrene	17.07	178	17946	0.415	ng	100
24) Anthracene	17.16	178	15939	0.425	ng	100
26) Fluoranthene	19.11	202	21853	0.416	ng	100
28) Pyrene	19.47	202	22714	0.479	ng	100
30) Benzo(a)anthracene	21.25	228	20142	0.455	ng	100
31) Chrysene	21.30	228	20119	0.421	ng	100
32) Bis(2-ethylhexyl)phthalate	21.16	149	35466	1.591	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	25196	0.521	ng	100
35) Benzo(b)fluoranthene	22.84	252	20884	0.402	ng	100
36) Benzo(k)fluoranthene	22.88	252	22567	0.408	ng	100
37) Benzo(a)pyrene	23.41	252	20724	0.427	ng	100
38) Dibenzo(a,h)anthracene	25.75	278	20263	0.478	ng	100
39) Benzo(g,h,i)perylene	26.43	276	20760	0.490	ng	100

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

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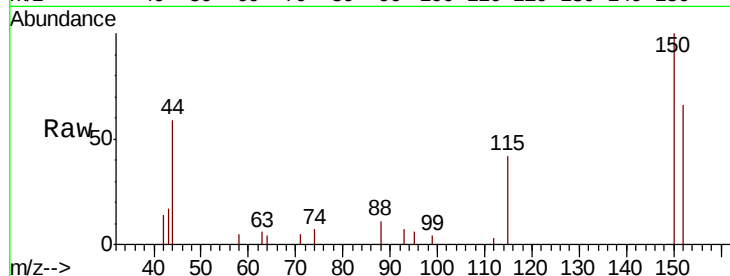


#1

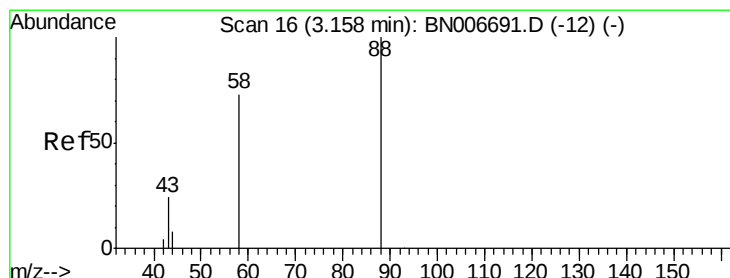
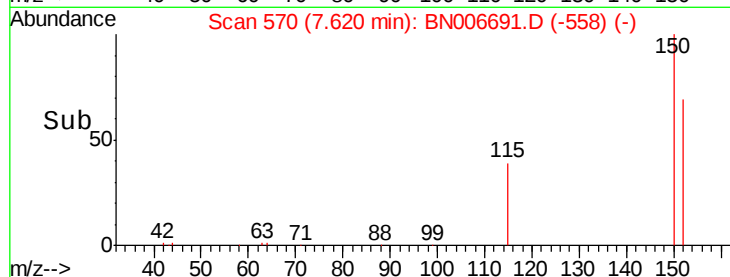
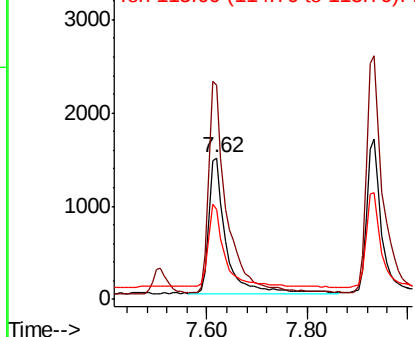
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3470
Ion Ratio Lower Upper
152 100
150 150.8 120.6 181.0
115 63.7 51.0 76.6



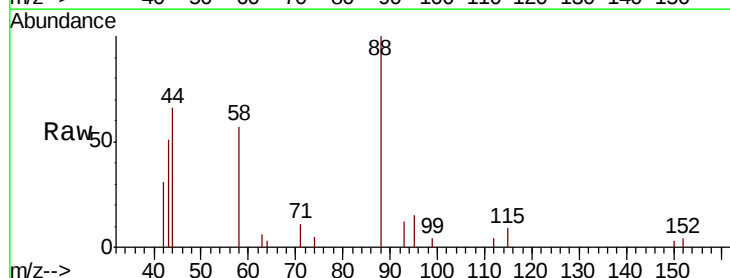
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



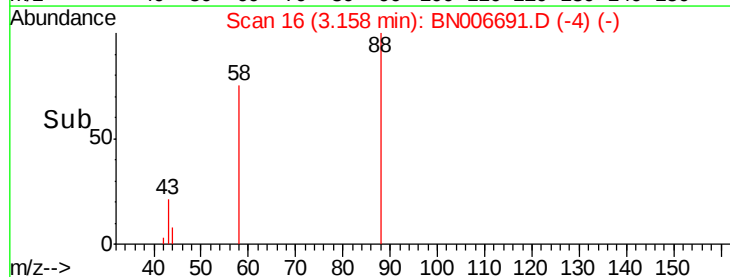
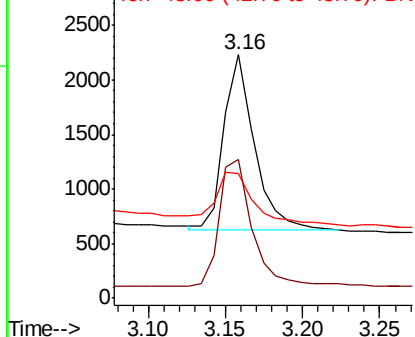
#2

1,4-Dioxane
Concen: 0.452 ng
RT: 3.16 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion: 88 Resp: 2171
Ion Ratio Lower Upper
88 100
58 78.8 61.1 91.7
43 38.9 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



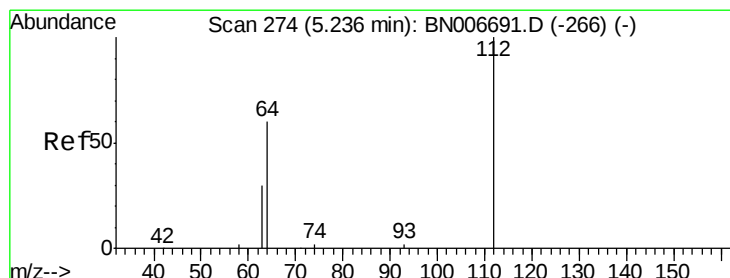
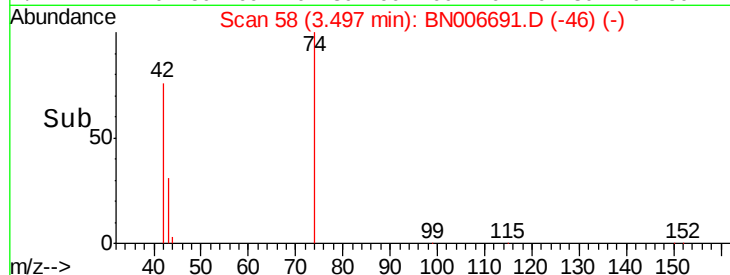
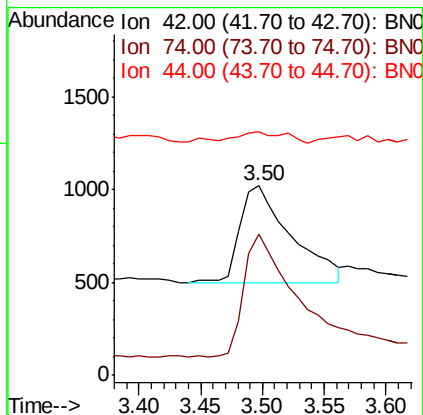
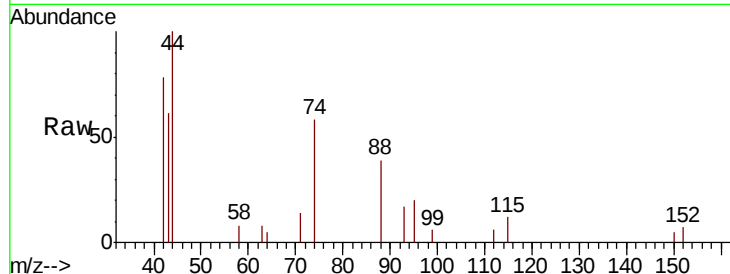


#3

n-Nitrosodimethylamine
 Concen: 0.403 ng
 RT: 3.50 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: BN006691.D
 Acq: 02 Jul 2019 14:36

Instrument :
 BNA_N
 ClientSampleId :

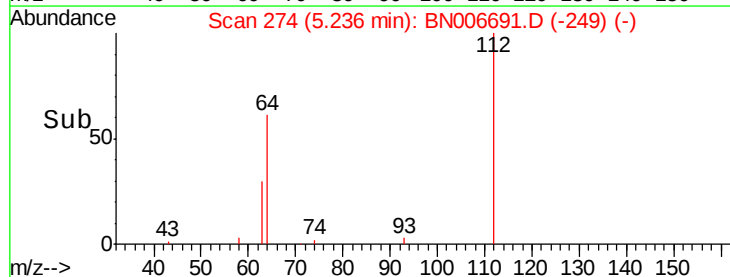
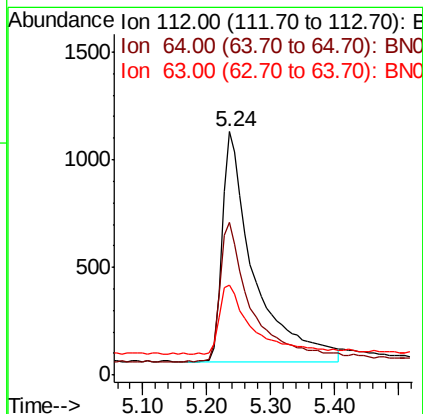
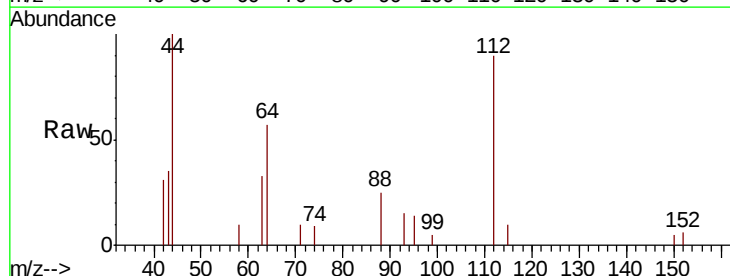
Tot Ion: 42 Resp: 1520
 Ion Ratio Lower Upper
 42 100
 74 128.6 106.6 160.0
 44 10.0 8.0 12.0

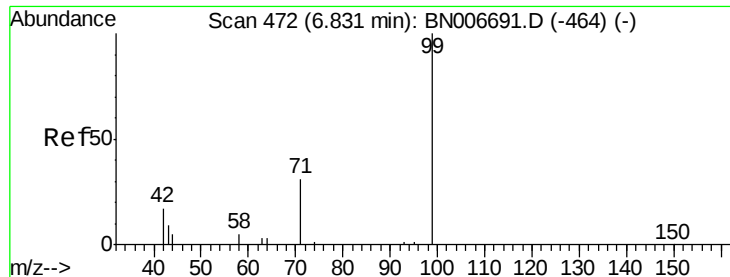


#4

2-Fluorophenol
 Concen: 0.429 ng
 RT: 5.24 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: BN006691.D
 Acq: 02 Jul 2019 14:36

Tgt Ion: 112 Resp: 3652
 Ion Ratio Lower Upper
 112 100
 64 62.2 49.8 74.6
 63 32.2 25.8 38.6





#5

Phenol-d6

Concen: 0.404 ng

RT: 6.83 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

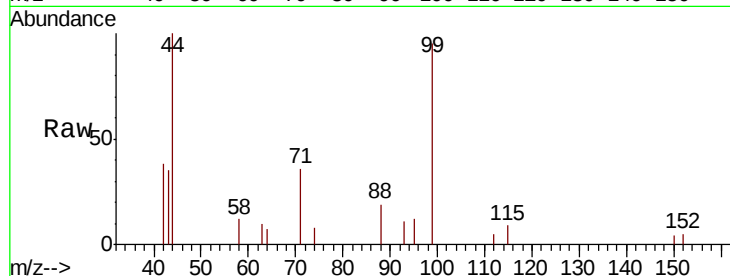
Tot Ion: 99 Resp: 4546

Ion Ratio Lower Upper

99 100

42 20.7 16.6 25.0

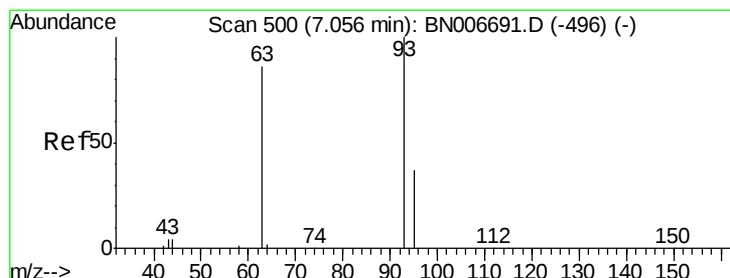
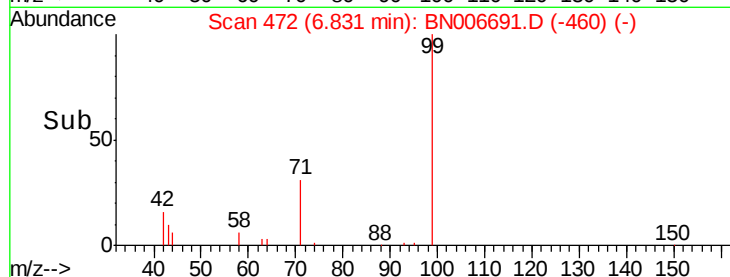
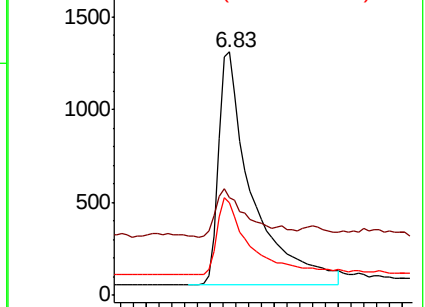
71 32.2 26.0 39.0



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: 0.358 ng

RT: 7.06 min Scan# 500

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

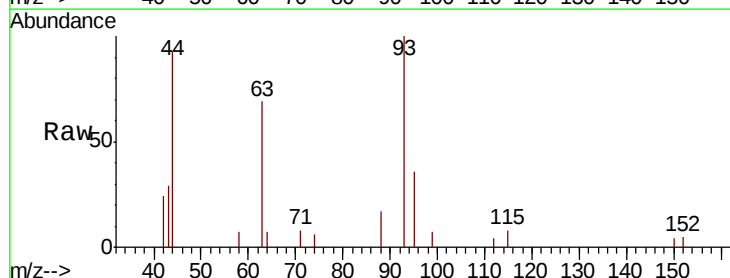
Tgt Ion: 93 Resp: 3601

Ion Ratio Lower Upper

93 100

63 73.2 58.6 87.8

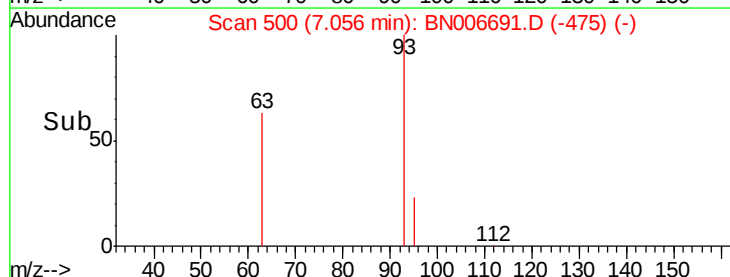
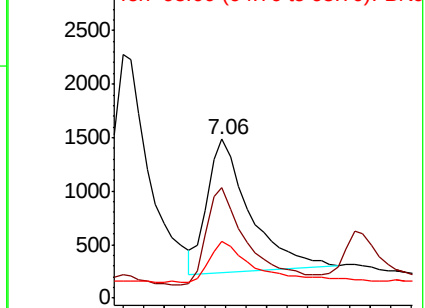
95 35.4 28.3 42.5



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: 10.39 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13129

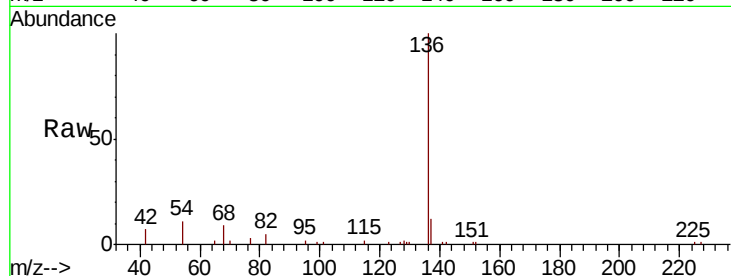
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 10.5 8.4 12.6

68 8.5 6.8 10.2

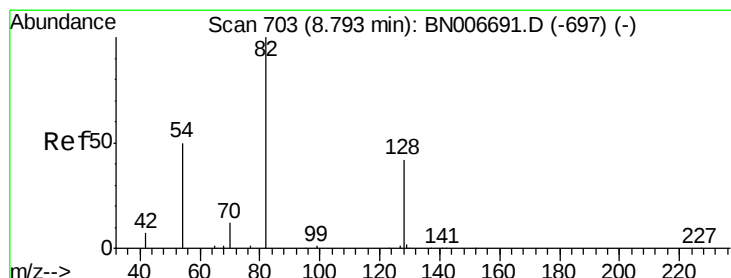
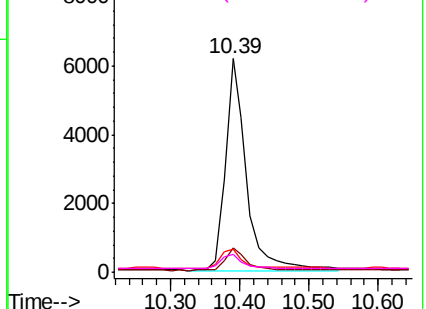
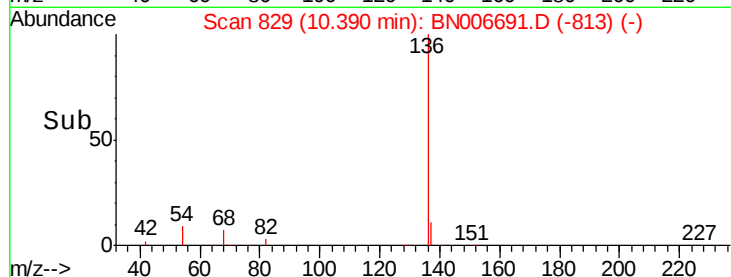


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.437 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

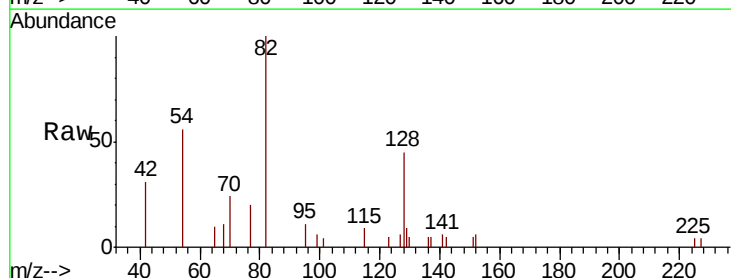
Tgt Ion: 82 Resp: 3861

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

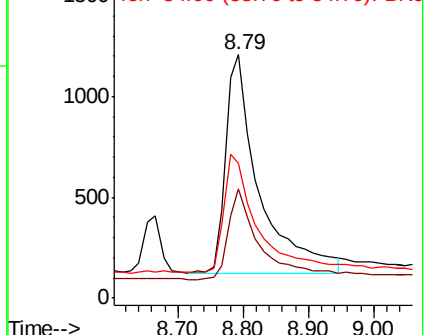
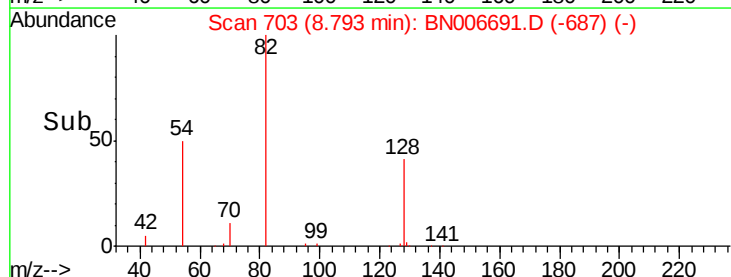
54 55.6 44.5 66.7



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: 0.433 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

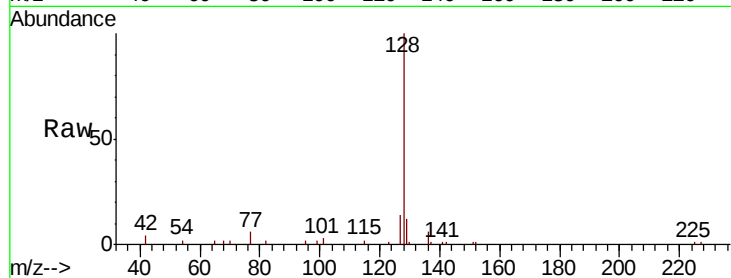
Tot Ion:128 Resp: 14951

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

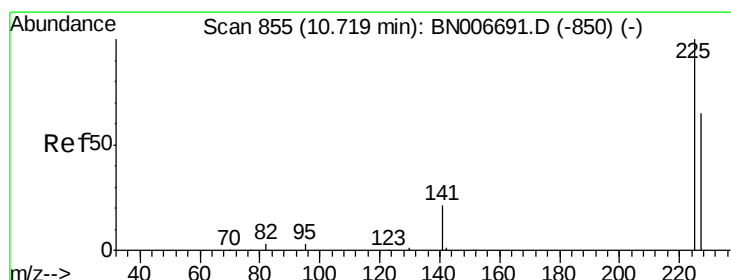
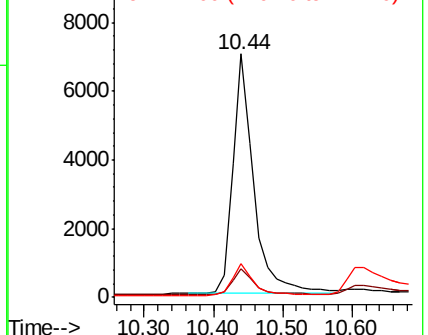
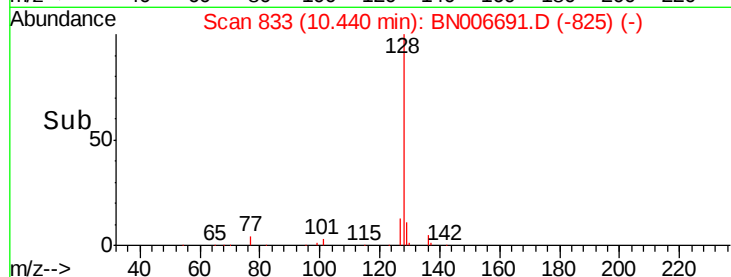
127 13.7 11.0 16.4



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: 0.446 ng

RT: 10.72 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

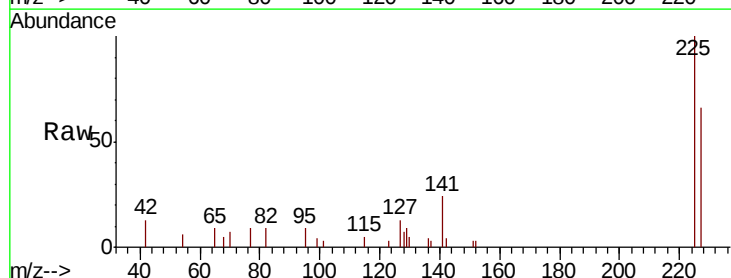
Tgt Ion:225 Resp: 3165

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

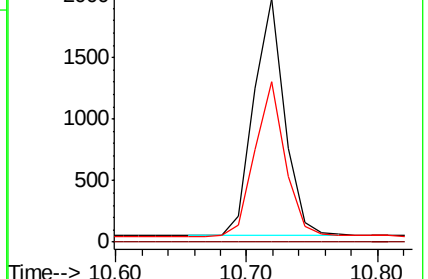
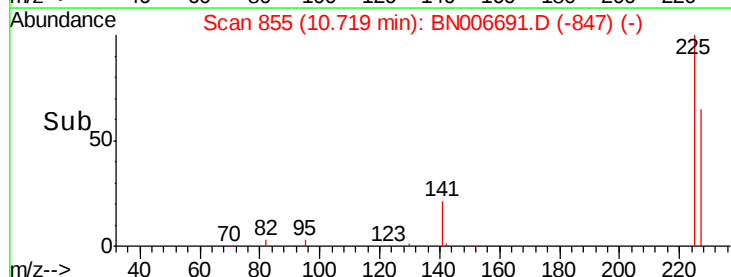
227 63.6 50.9 76.3

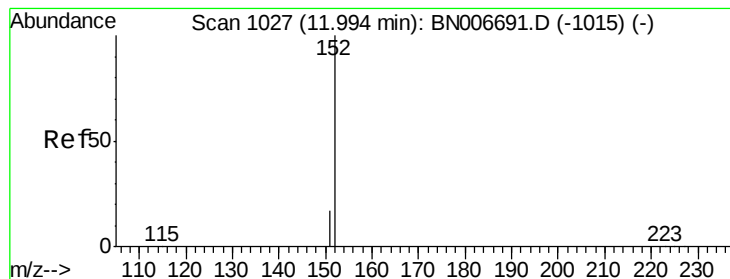


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 11.99 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

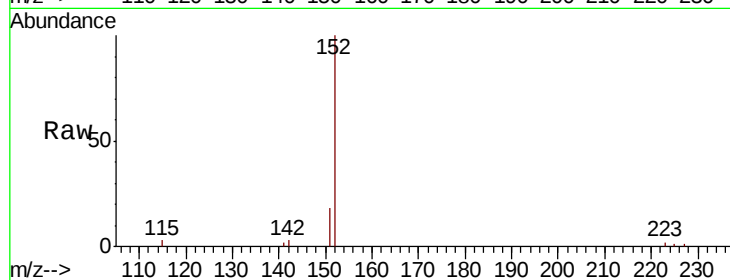
ClientSampled :

Tot Ion:152 Resp: 8159

Ion Ratio Lower Upper

152 100

151 18.6 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.99

4000

3000

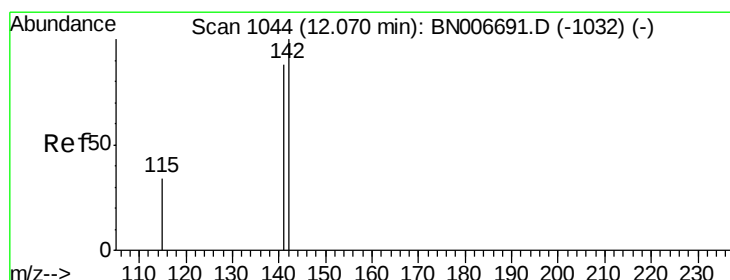
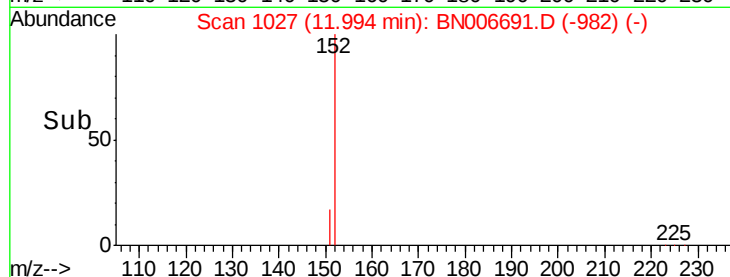
2000

1000

0

12.00 12.20

Time-->



#12

2-Methylnaphthalene

Concen: 0.424 ng

RT: 12.07 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

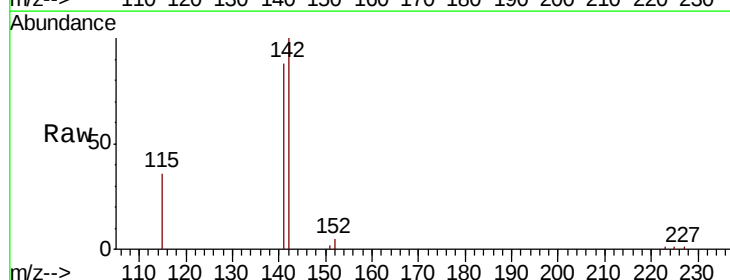
Tgt Ion:142 Resp: 10101

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

115 36.1 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.07

6000

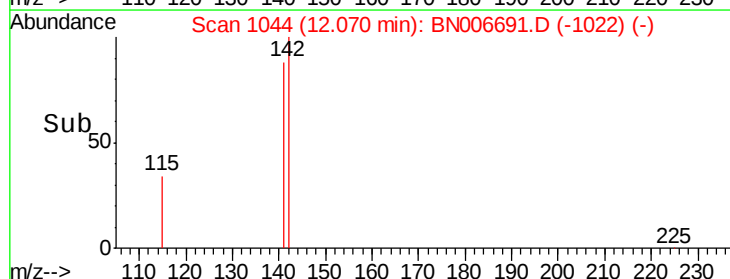
4000

2000

0

12.00 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

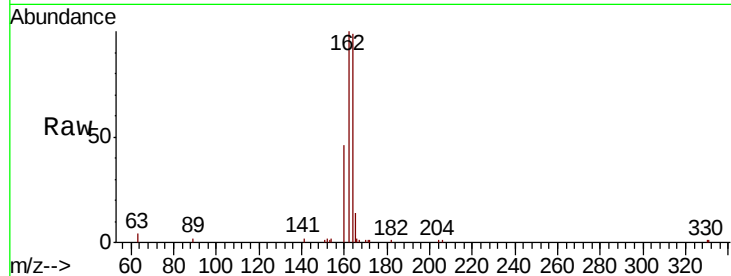
Tot Ion:164 Resp: 7029

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

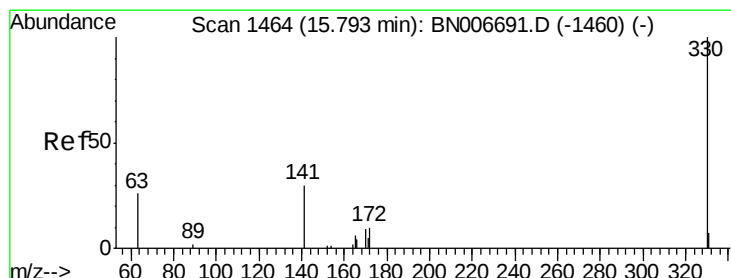
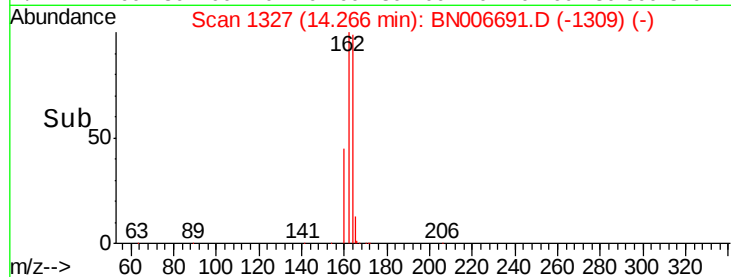
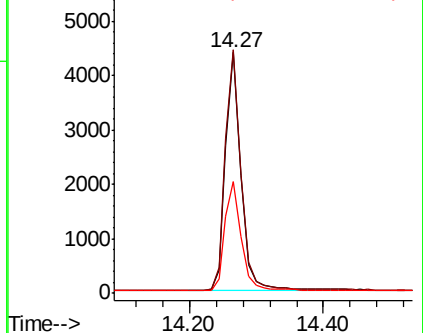
160 46.3 37.0 55.6



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: 0.391 ng

RT: 15.79 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

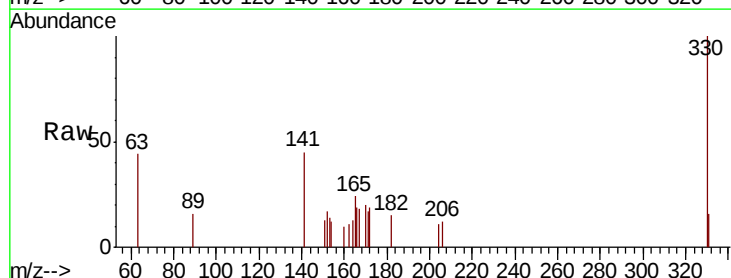
Tgt Ion:330 Resp: 1293

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

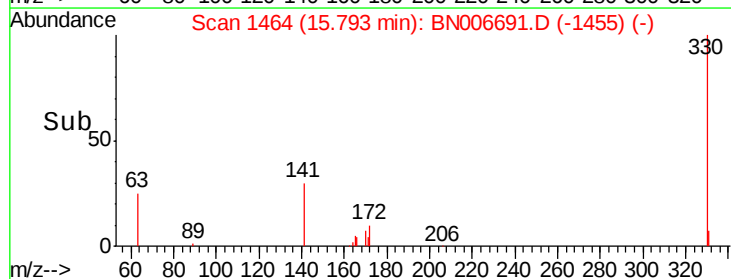
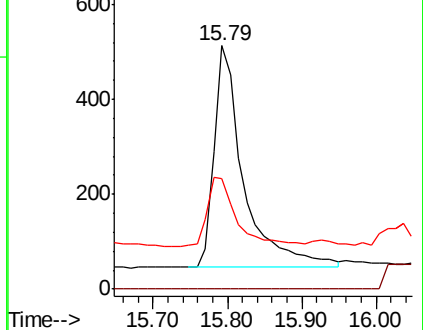
141 30.5 24.8 37.2



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

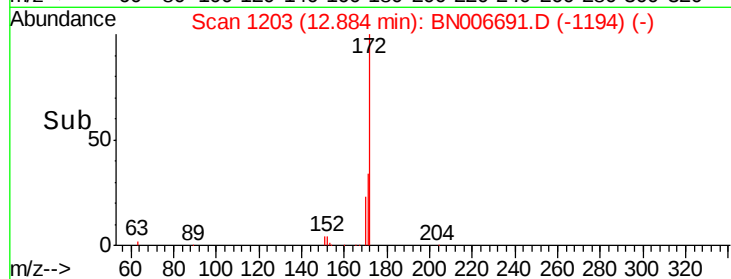
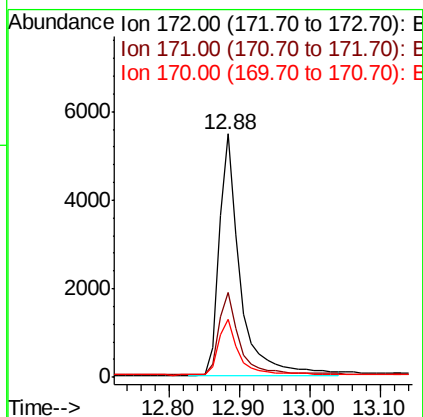
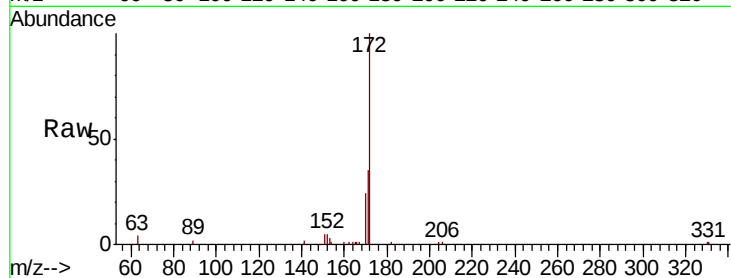




#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

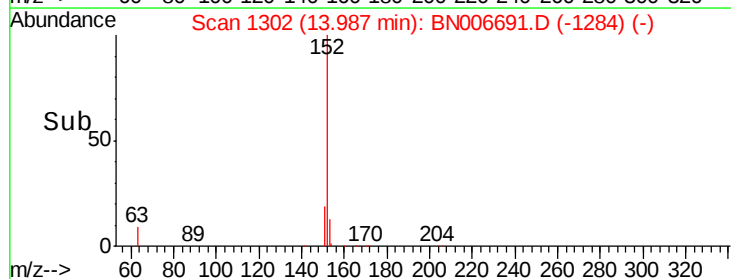
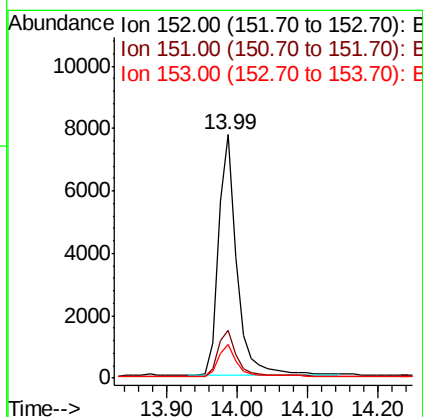
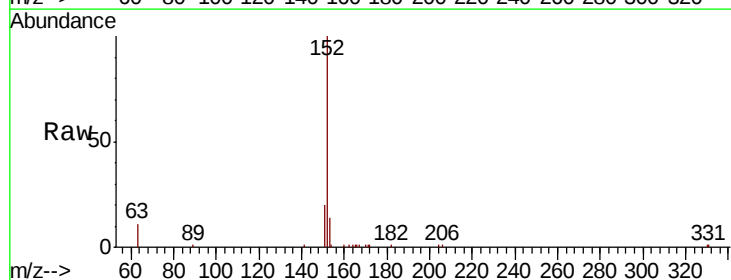
Instrument :
BNA_N
ClientSampleId :

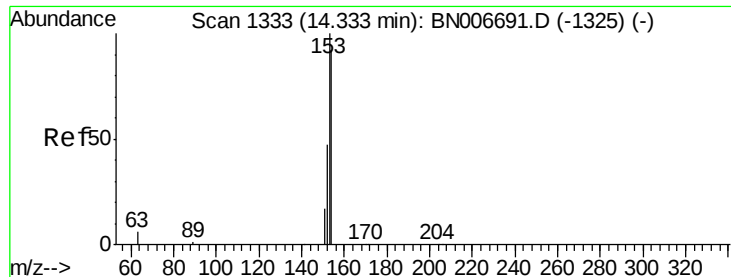
Tot Ion:172 Resp: 11358
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.6 18.9 28.3



#16
Acenaphthylene
Concen: 0.425 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:152 Resp: 14250
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.431 ng

RT: 14.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

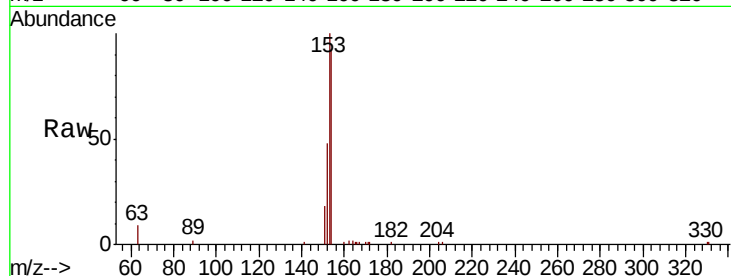
Tot Ion:154 Resp: 9516

Ion Ratio Lower Upper

154 100

153 112.3 88.9 133.3

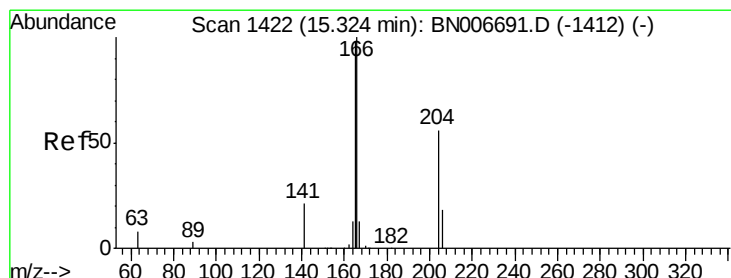
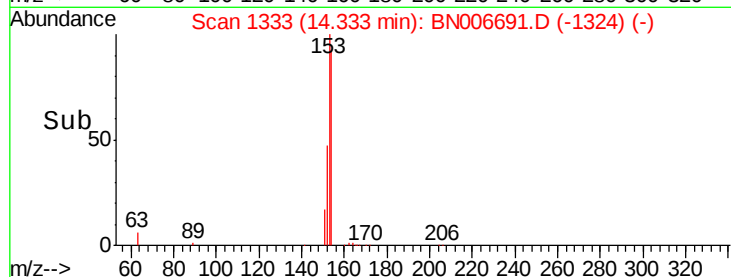
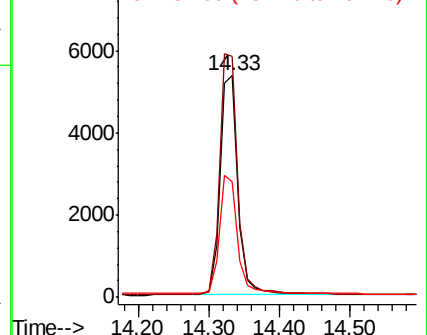
152 54.2 42.8 64.2



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: 0.417 ng

RT: 15.32 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

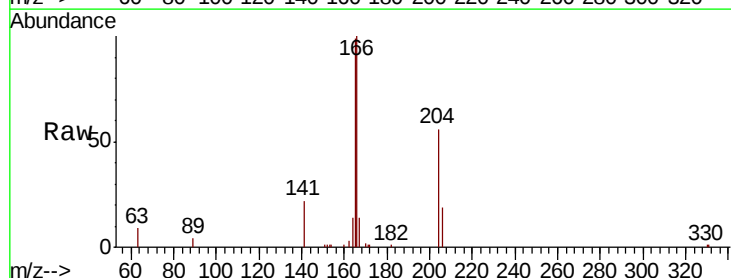
Tgt Ion:166 Resp: 11626

Ion Ratio Lower Upper

166 100

165 97.5 78.0 117.0

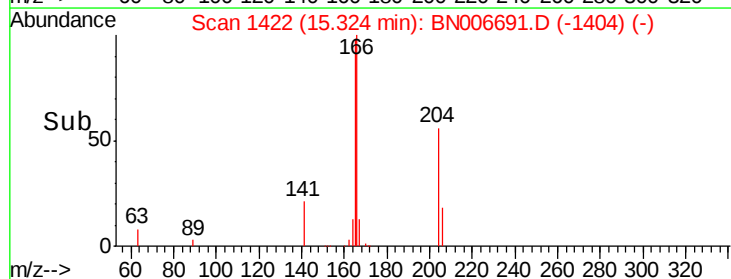
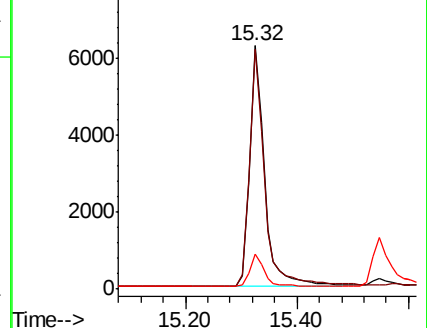
167 13.4 10.7 16.1



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: 17.03 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

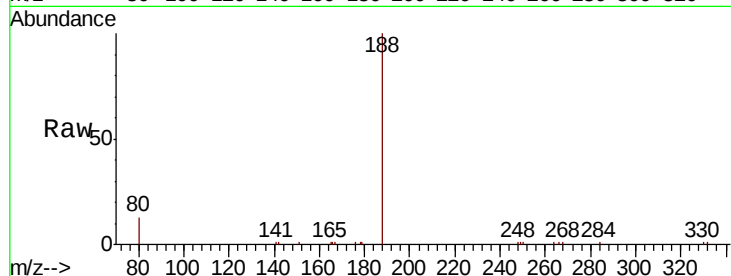
Tot Ion:188 Resp: 15208

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

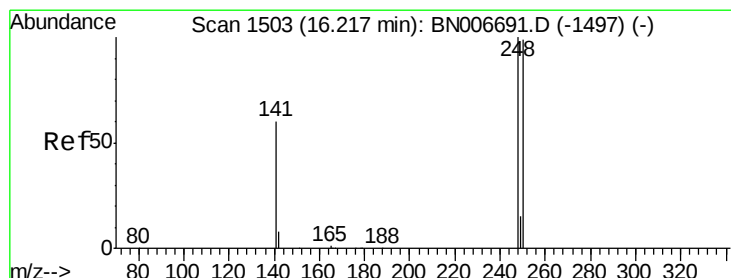
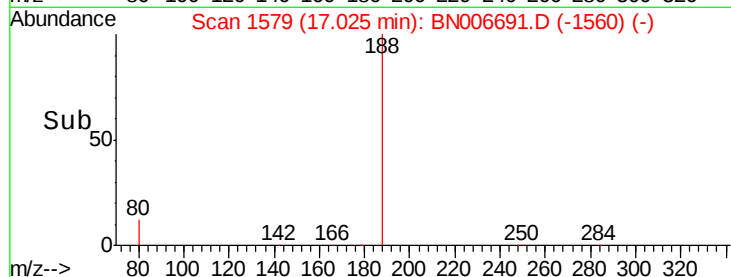
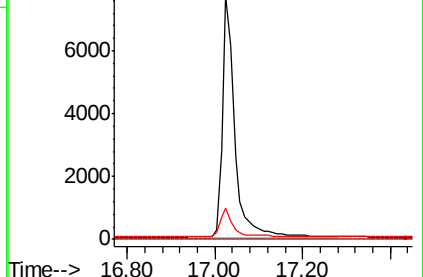
80 12.9 10.3 15.5



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: 0.428 ng

RT: 16.22 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

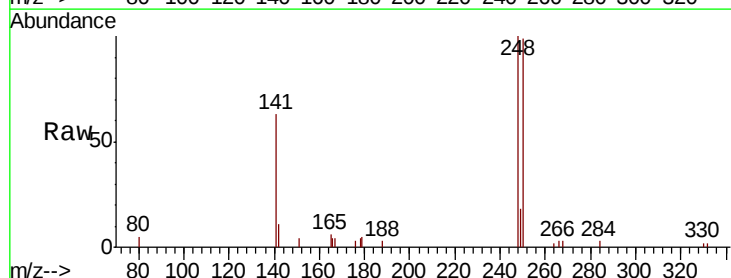
Tgt Ion:248 Resp: 3610

Ion Ratio Lower Upper

248 100

250 98.8 79.0 118.6

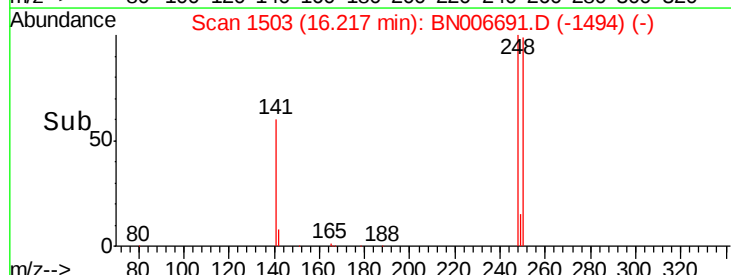
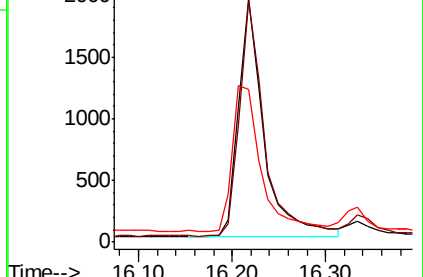
141 62.8 50.2 75.4

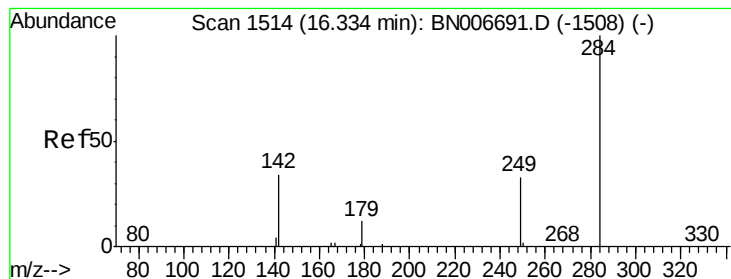


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.426 ng

RT: 16.33 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

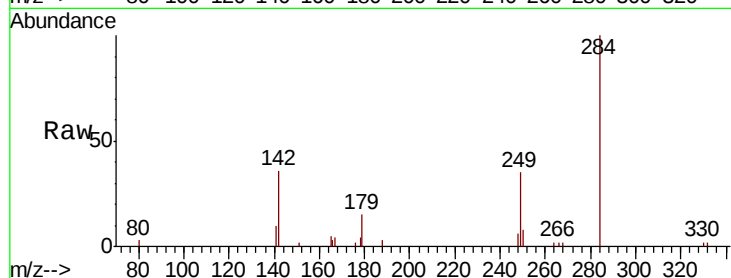
Tot Ion:284 Resp: 4533

Ion Ratio Lower Upper

284 100

142 33.6 26.9 40.3

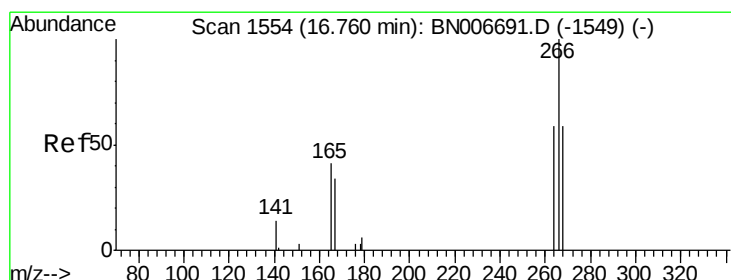
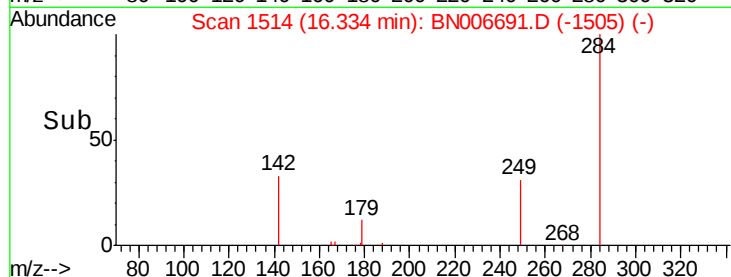
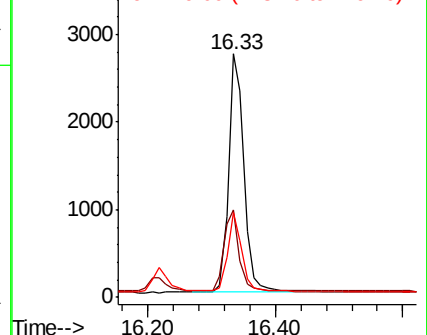
249 30.5 24.4 36.6



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: 0.248 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

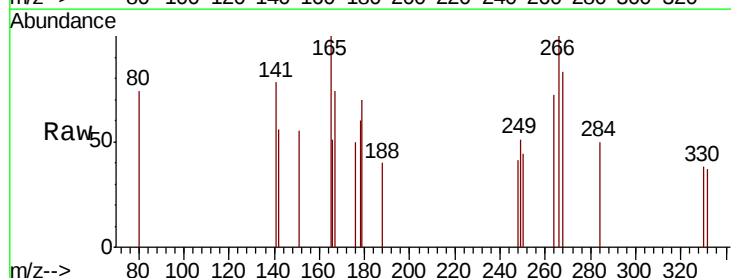
Tgt Ion:266 Resp: 421

Ion Ratio Lower Upper

266 100

264 72.0 57.6 86.4

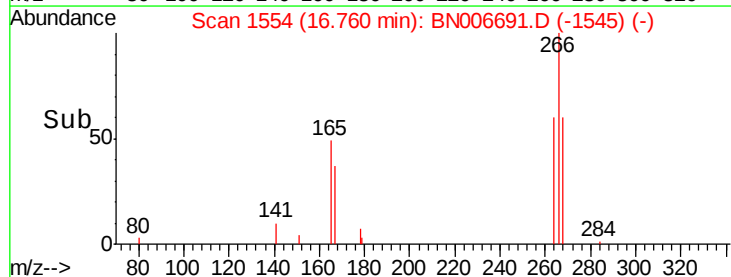
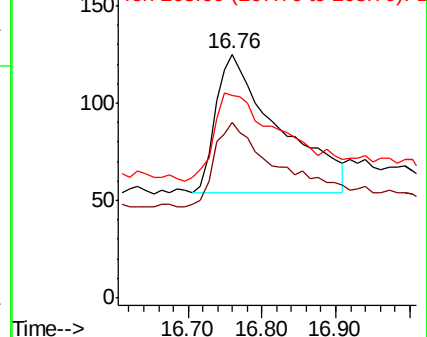
268 83.2 66.6 99.8



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: 0.415 ng

RT: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

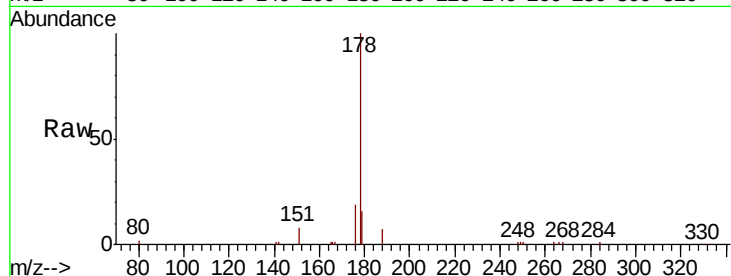
Tot Ion:178 Resp: 17946

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

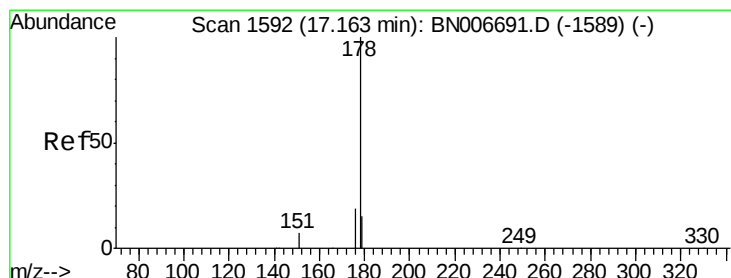
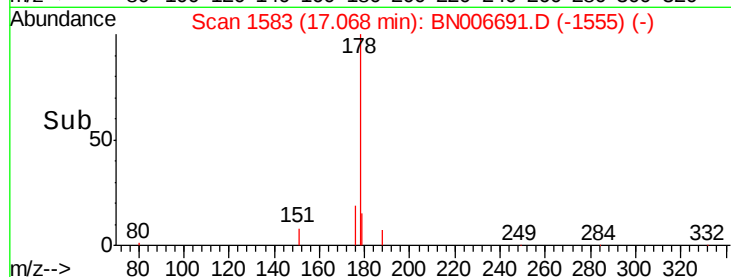
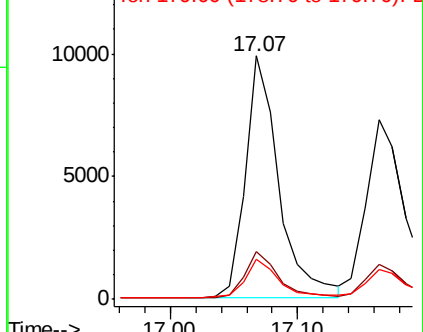
179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.425 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

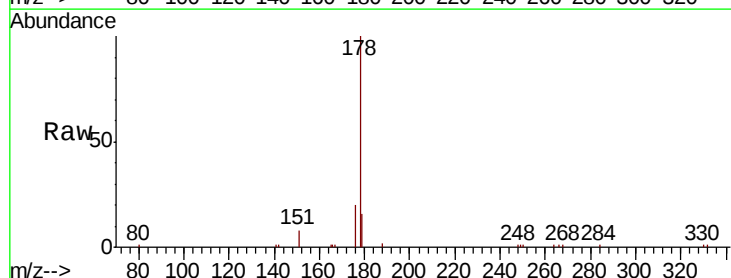
Tgt Ion:178 Resp: 15939

Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

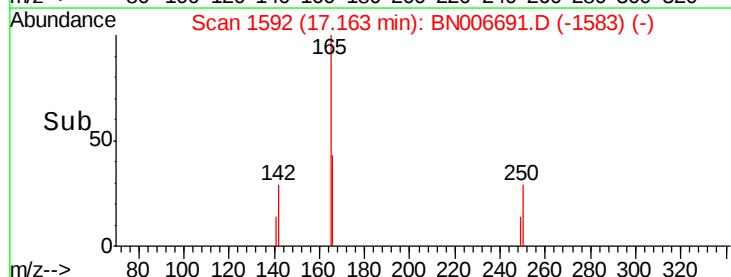
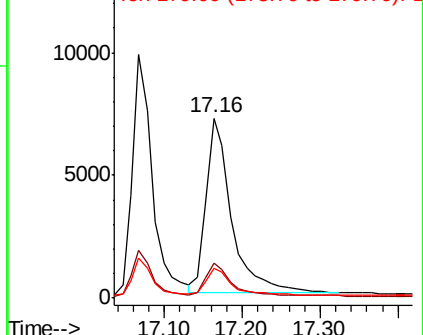
179 15.1 11.9 17.9

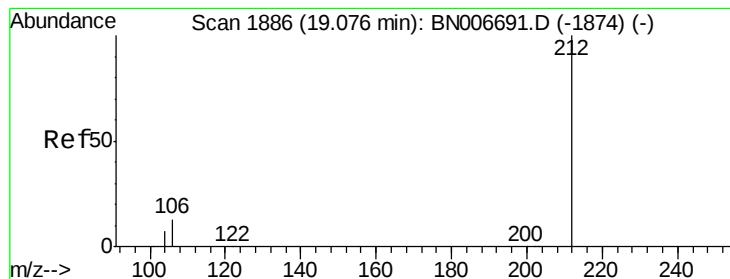


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.412 ng

RT: 19.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

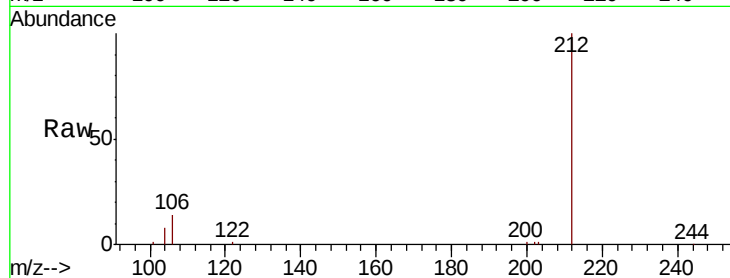
Tot Ion:212 Resp: 18386

Ion Ratio Lower Upper

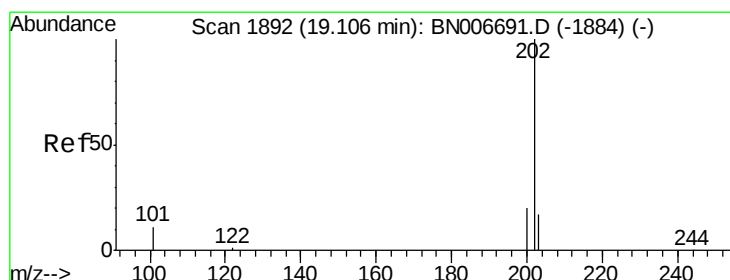
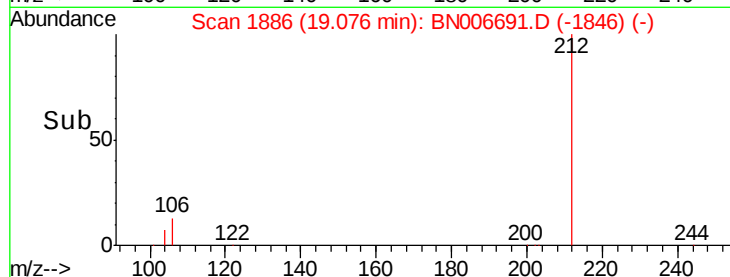
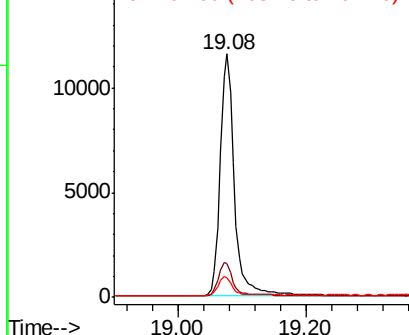
212 100

106 13.8 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: 0.416 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

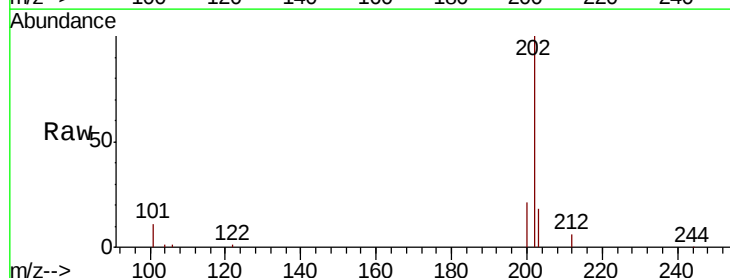
Tgt Ion:202 Resp: 21853

Ion Ratio Lower Upper

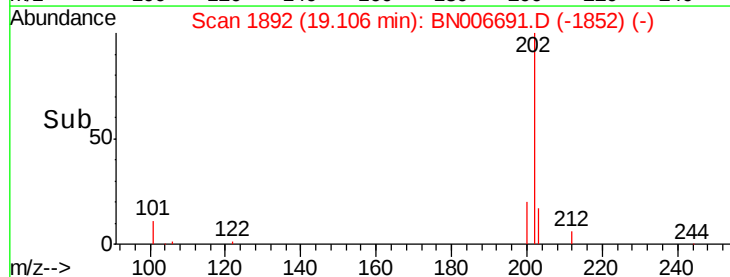
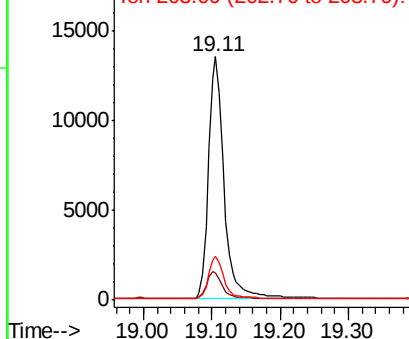
202 100

101 10.8 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

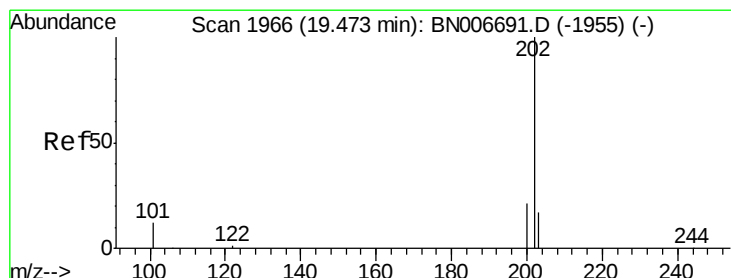
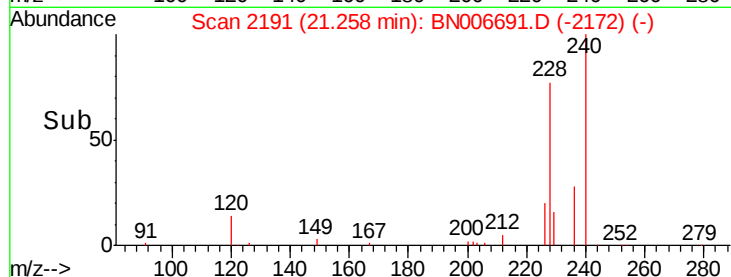
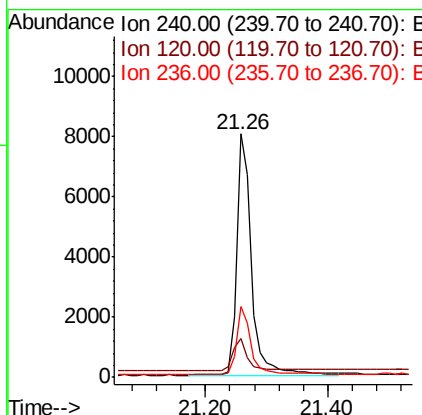
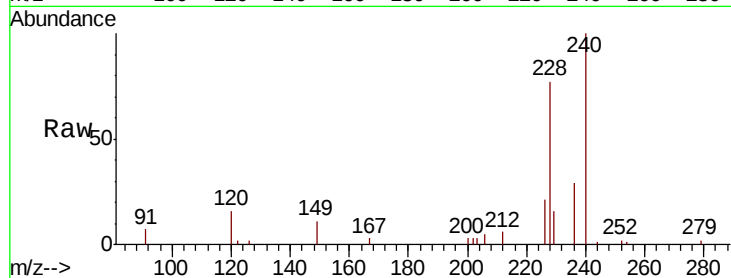




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

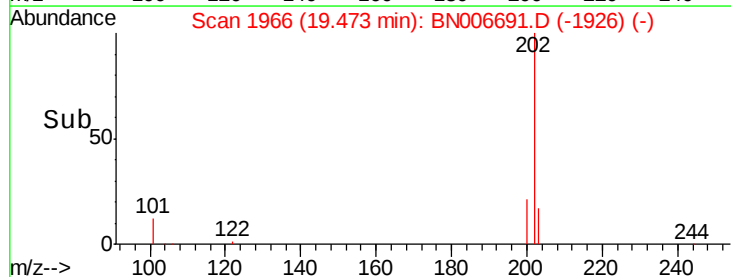
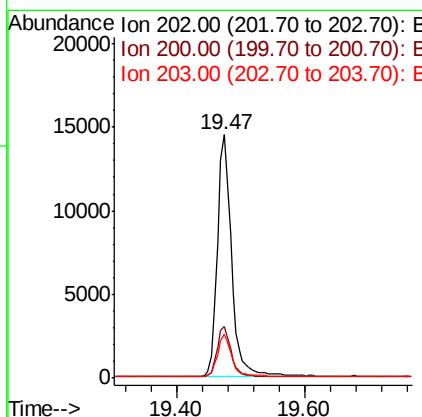
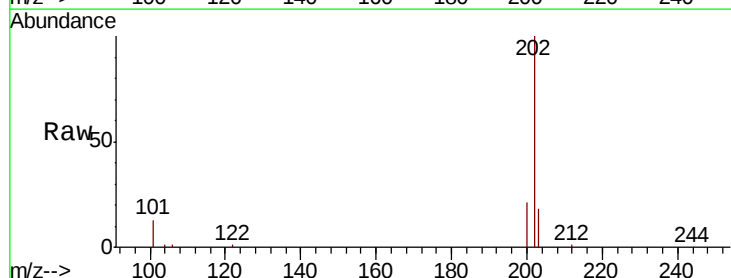
Instrument :
BNA_N
ClientSampled :

Tot Ion:240 Resp: 13548
Ion Ratio Lower Upper
240 100
120 16.1 12.9 19.3
236 29.0 23.2 34.8



#28
Pyrene
Concen: 0.479 ng
RT: 19.47 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:202 Resp: 22714
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.6 14.2 21.2





#29

Terphenyl-d14

Concen: 0.458 ng

RT: 19.68 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampled :

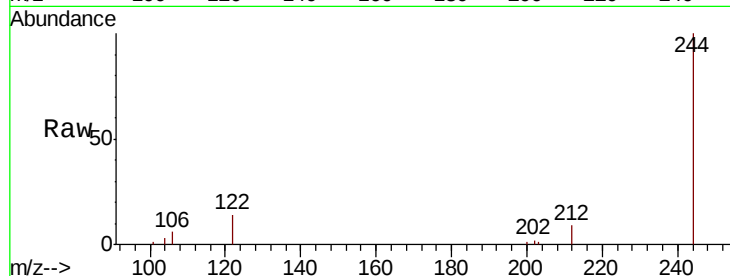
Tot Ion:244 Resp: 13001

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

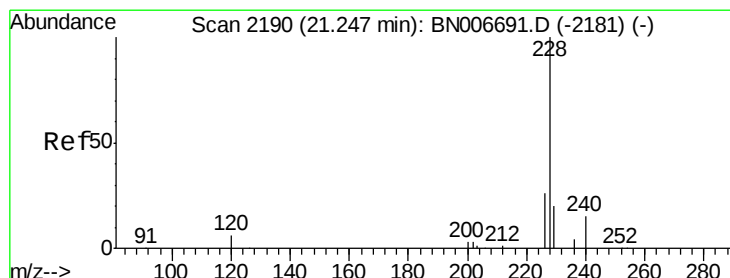
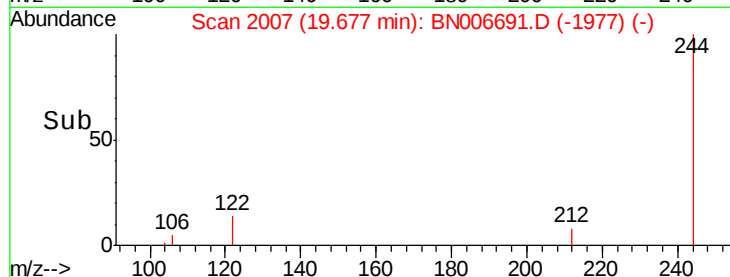
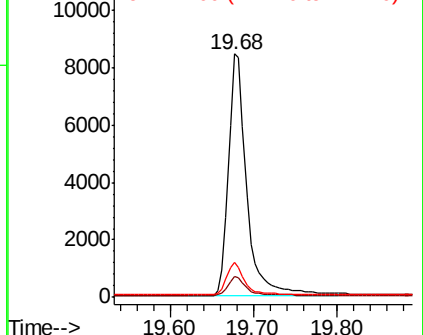
122 14.4 11.5 17.3



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: 0.455 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

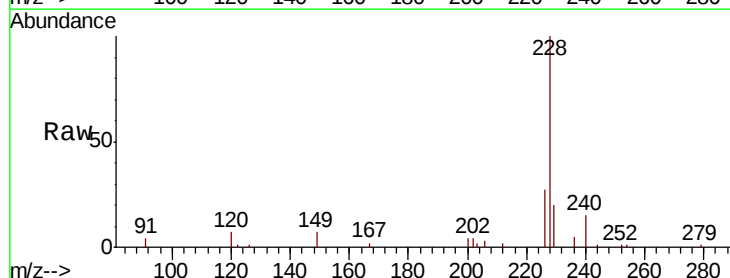
Tgt Ion:228 Resp: 20142

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

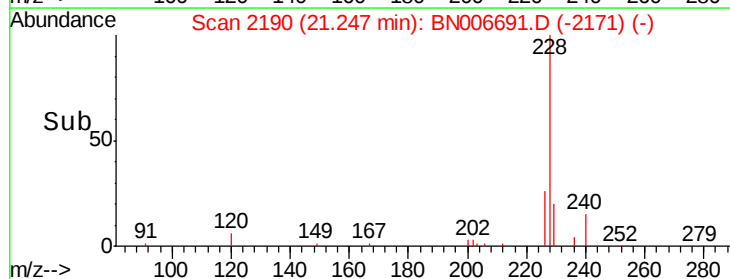
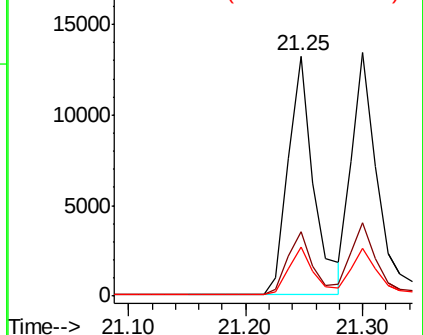
229 20.3 16.2 24.4



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: 0.421 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

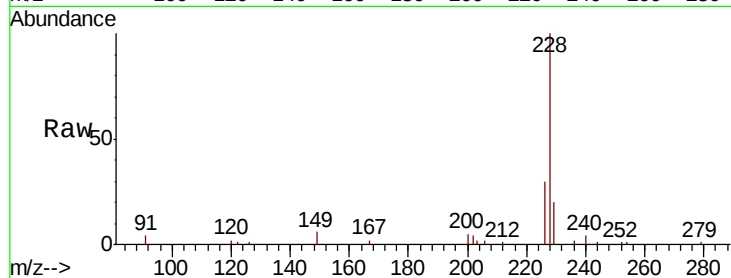
Tot Ion:228 Resp: 20119

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

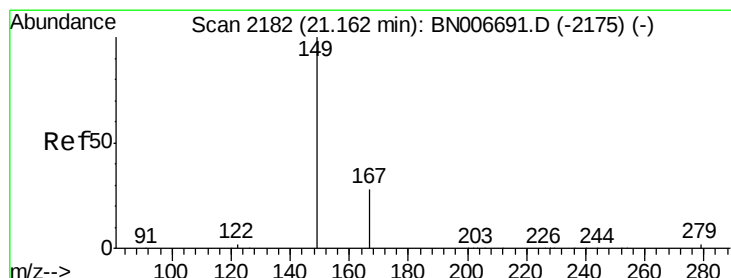
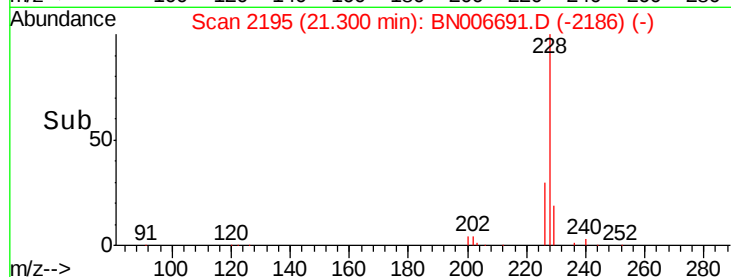
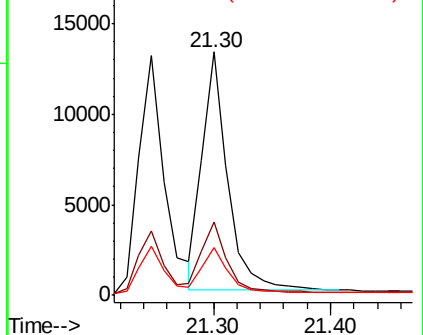
229 19.7 15.8 23.6



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: 1.591 ng

RT: 21.16 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

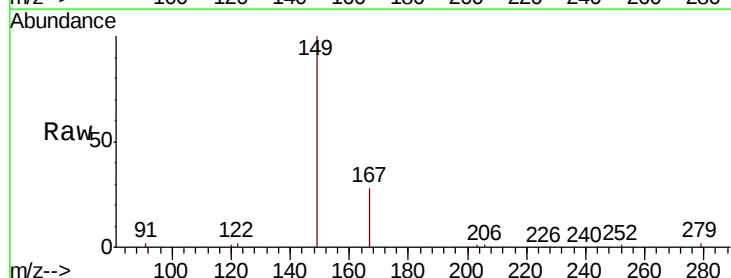
Tgt Ion:149 Resp: 35466

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

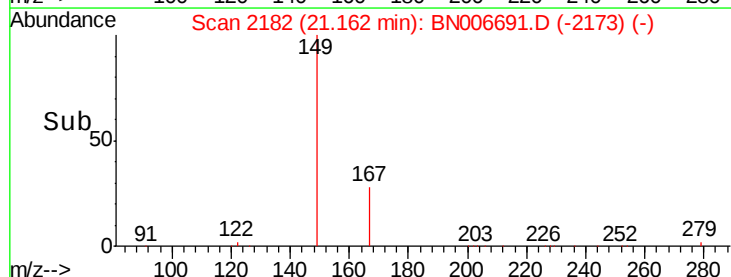
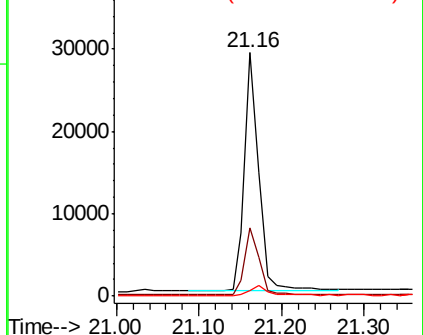
279 4.0 3.2 4.8



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

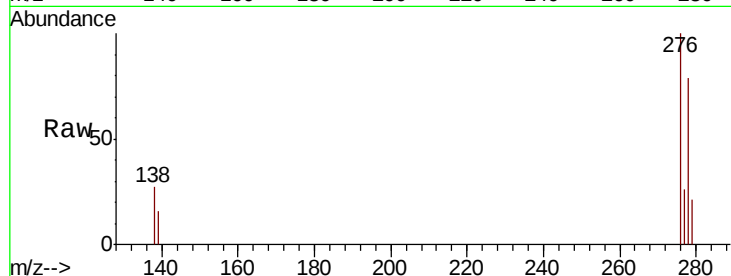




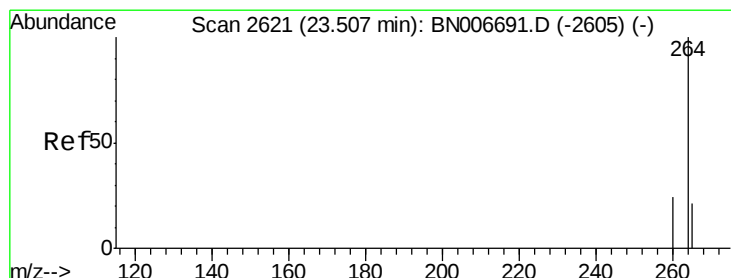
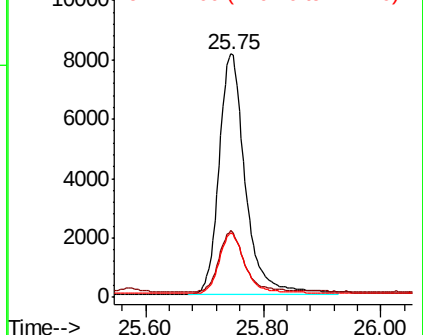
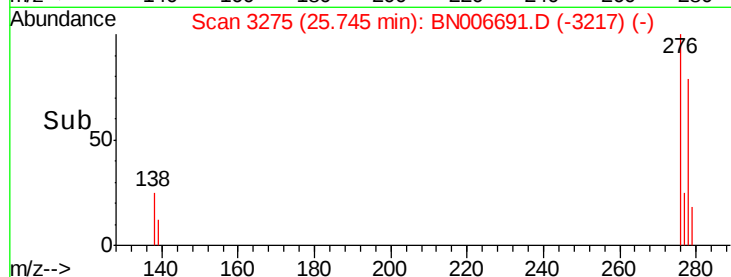
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.521 ng
 RT: 25.75 min Scan# 3275
 Delta R.T. 0.00 min
 Lab File: BN006691.D
 Acq: 02 Jul 2019 14:36

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 25196
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.5 29.3
 277 24.6 19.7 29.5

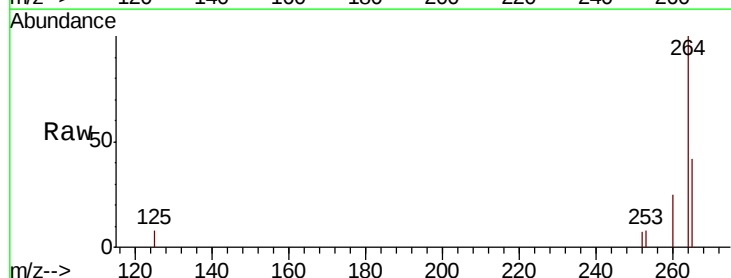


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

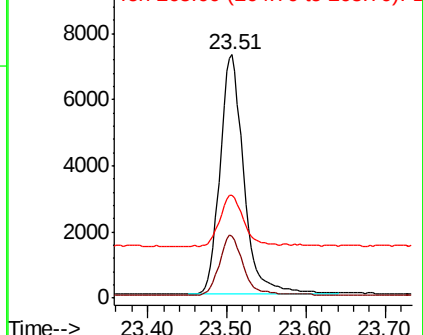
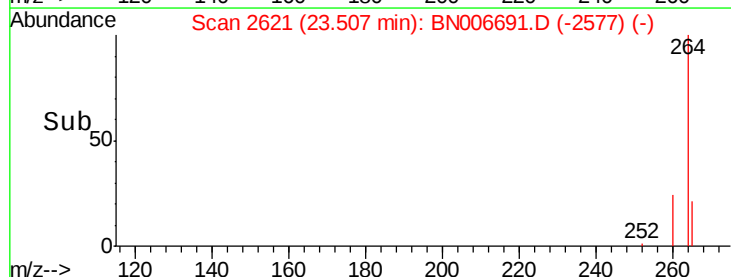


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2621
 Delta R.T. 0.00 min
 Lab File: BN006691.D
 Acq: 02 Jul 2019 14:36

Tgt Ion:264 Resp: 15265
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 42.1 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

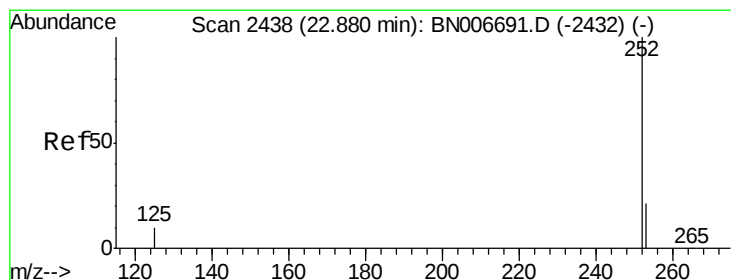
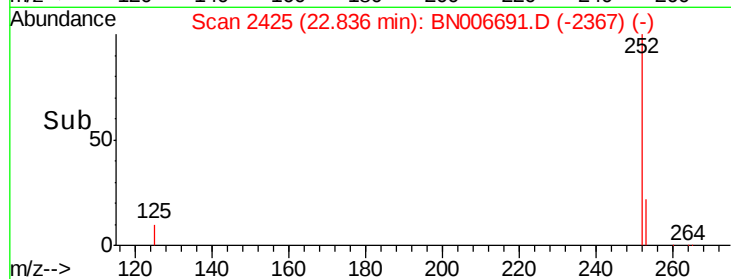
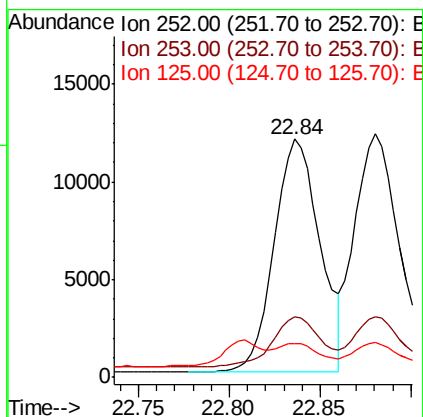
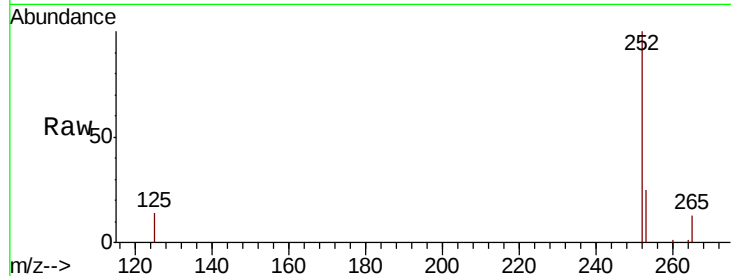




#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 22.84 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

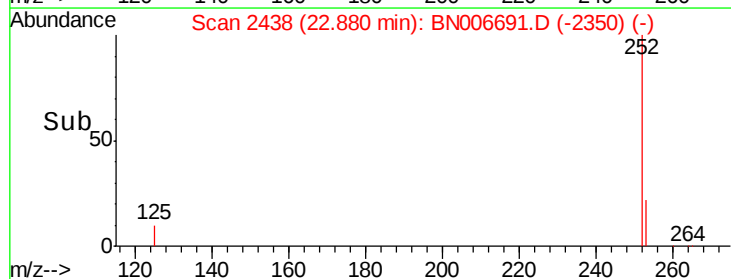
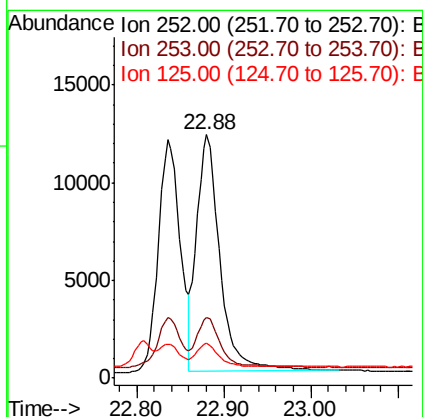
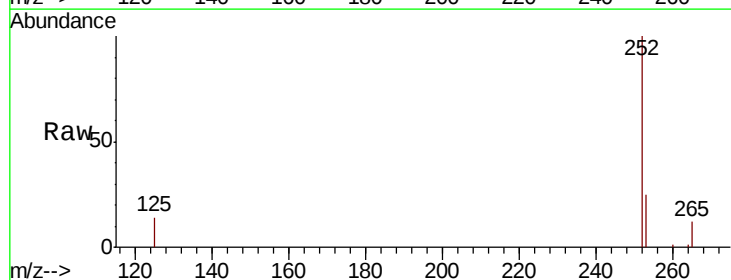
Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 20884
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.2
125 14.4 11.5 17.3



#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 22.88 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BN006691.D
Acq: 02 Jul 2019 14:36

Tgt Ion:252 Resp: 22567
Ion Ratio Lower Upper
252 100
253 25.1 20.1 30.1
125 14.2 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.427 ng

RT: 23.41 min Scan# 2593

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :

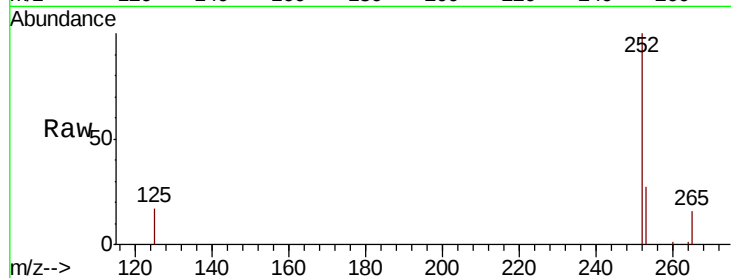
Tot Ion:252 Resp: 20724

Ion Ratio Lower Upper

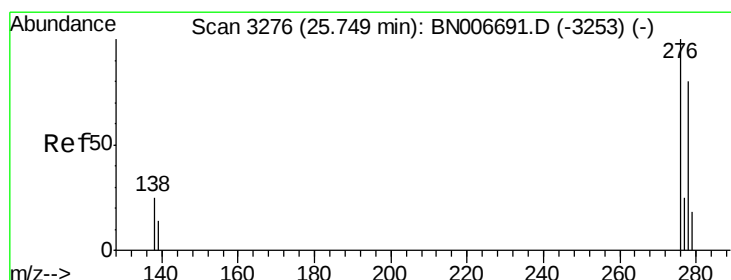
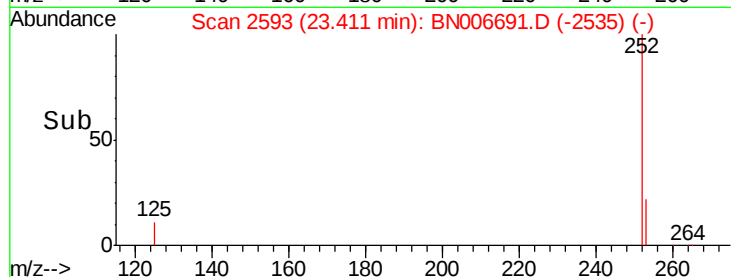
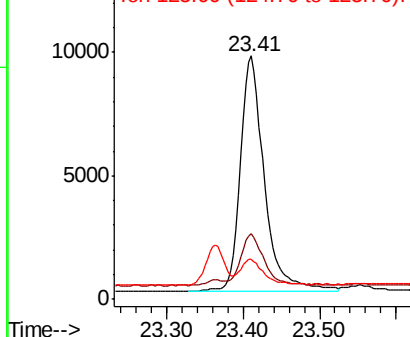
252 100

253 26.8 21.4 32.2

125 16.6 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: 0.478 ng

RT: 25.75 min Scan# 3276

Delta R.T. 0.00 min

Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

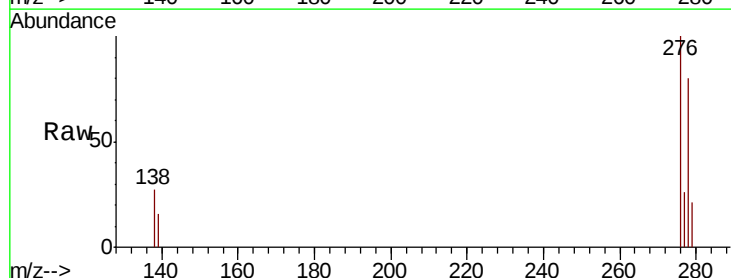
Tgt Ion:278 Resp: 20263

Ion Ratio Lower Upper

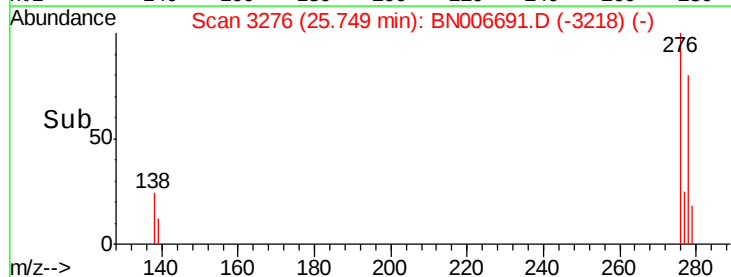
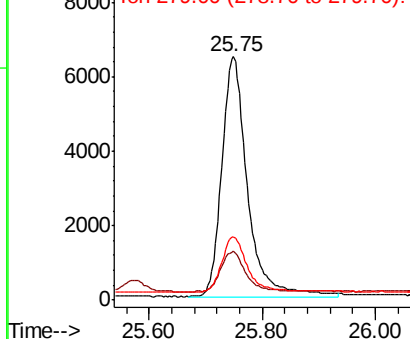
278 100

139 20.3 16.2 24.4

279 25.9 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: 0.490 ng

RT: 26.43 min Scan# 3475

Delta R.T. 0.00 min

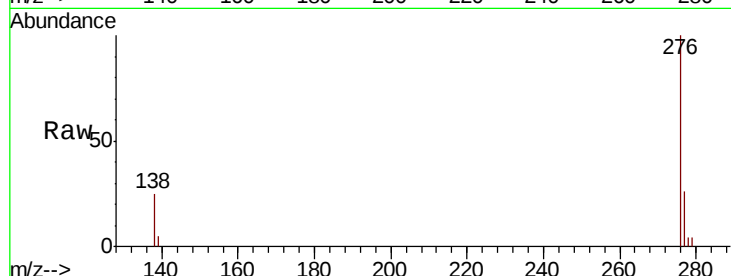
Lab File: BN006691.D

Acq: 02 Jul 2019 14:36

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 20760

Ion Ratio Lower Upper

276 100

277 25.7 20.6 30.8

138 24.6 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

