

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006712.D
 Acq On : 05 Jul 2019 13:06
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 05 22:38:22 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	2699	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	10796	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6499	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	14896	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	15113	0.40	ng	-0.03
34) Perylene-d12	23.45	264	17918	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2528	0.34	ng	-0.02
5) Phenol-d6	6.81	99	3333	0.36	ng	-0.02
8) Nitrobenzene-d5	8.77	82	2870	0.35	ng	-0.03
11) 2-Methylnaphthalene-d10	11.97	152	6505	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1260	0.39	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	9296	0.37	ng	-0.02
25) Fluoranthene-d10	19.05	212	17499	0.41	ng	-0.02
29) Terphenyl-d14	19.66	244	12706	0.37	ng	-0.02

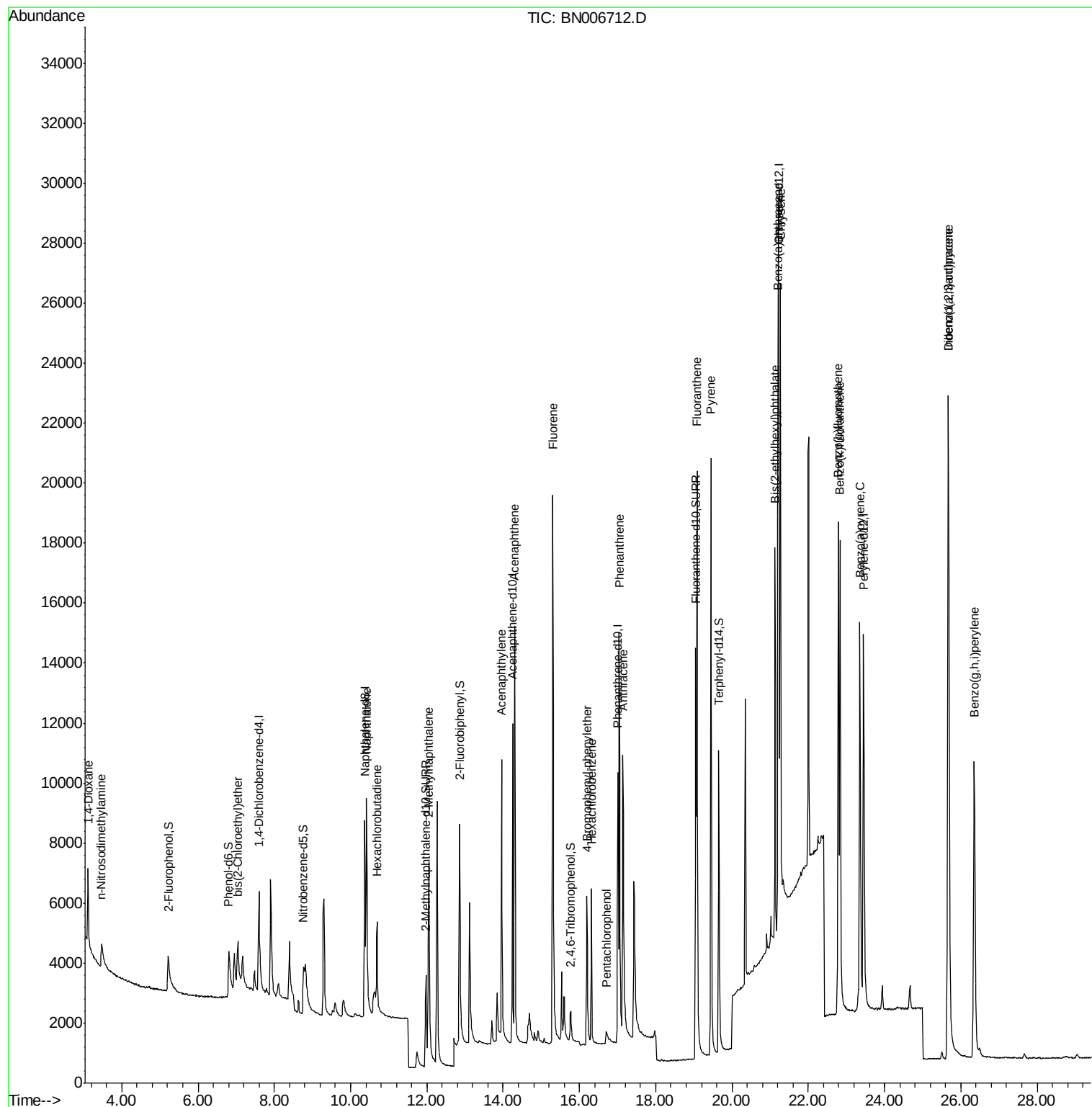
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	1707	0.405	ng	# 94
3) n-Nitrosodimethylamine	3.47	42	1132	0.356	ng	# 87
6) bis(2-Chloroethyl)ether	7.04	93	3252	0.415	ng	85
9) Naphthalene	10.42	128	11564	0.392	ng	99
10) Hexachlorobutadiene	10.69	225	2431	0.407	ng	# 99
12) 2-Methylnaphthalene	12.05	142	7557	0.359	ng	98
16) Acenaphthylene	13.96	152	12407	0.383	ng	99
17) Acenaphthene	14.30	154	8067	0.391	ng	98
18) Fluorene	15.30	166	9992	0.390	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	3186	0.363	ng	98
21) Hexachlorobenzene	16.31	284	4221	0.404	ng	98
22) Pentachlorophenol	16.71	266	630	0.545	ng	97
23) Phenanthrene	17.05	178	15831	0.369	ng	100
24) Anthracene	17.14	178	13943	0.359	ng	100
26) Fluoranthene	19.09	202	20097	0.399	ng	100
28) Pyrene	19.45	202	20961	0.347	ng	99
30) Benzo(a)anthracene	21.22	228	18440	0.354	ng	99
31) Chrysene	21.27	228	20906	0.389	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	11388	0.073	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	26988	0.420	ng	98
35) Benzo(b)fluoranthene	22.79	252	20693	0.360	ng	98
36) Benzo(k)fluoranthene	22.83	252	23683	0.380	ng	98
37) Benzo(a)pyrene	23.36	252	21064	0.378	ng	97
38) Dibenzo(a,h)anthracene	25.68	278	21537	0.389	ng	97
39) Benzo(g,h,i)perylene	26.35	276	22439	0.394	ng	97

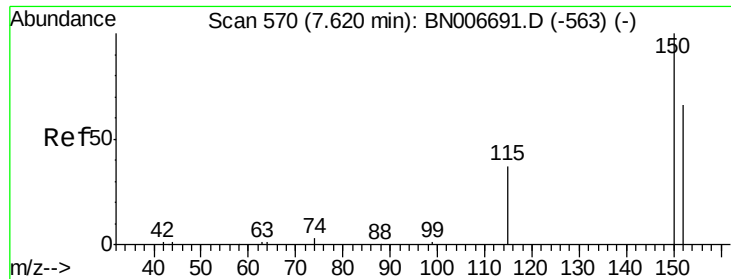
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 567

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

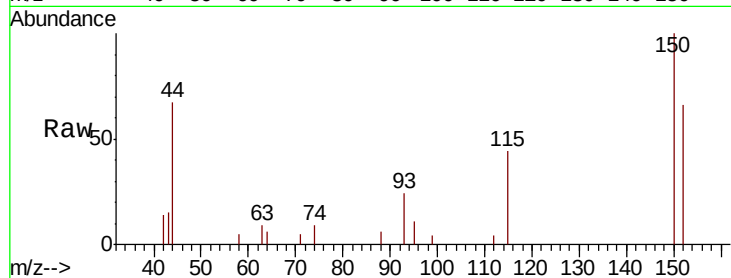
Tot Ion:152 Resp: 2699

Ion Ratio Lower Upper

152 100

150 152.6 120.6 181.0

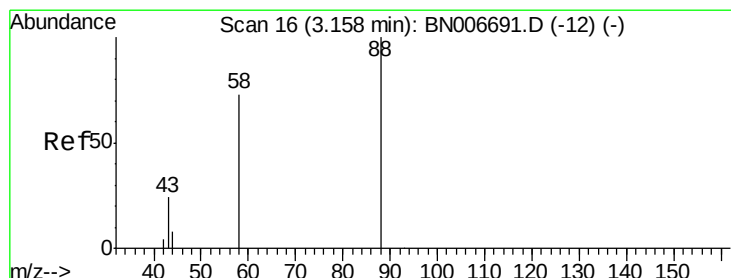
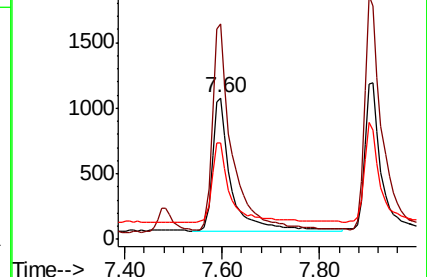
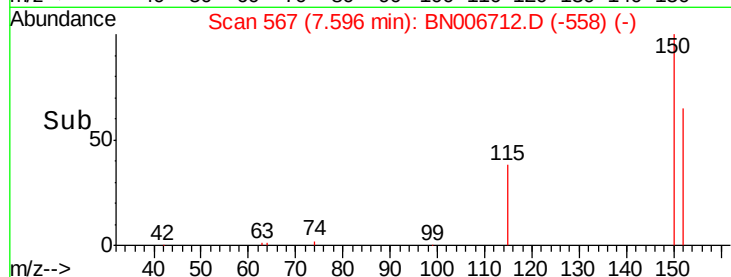
115 67.8 51.0 76.6



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: 0.405 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

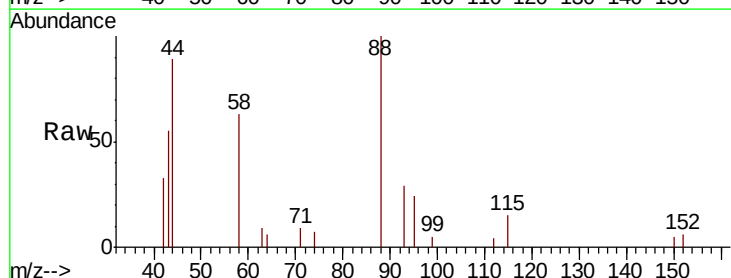
Tgt Ion: 88 Resp: 1707

Ion Ratio Lower Upper

88 100

58 78.2 61.1 91.7

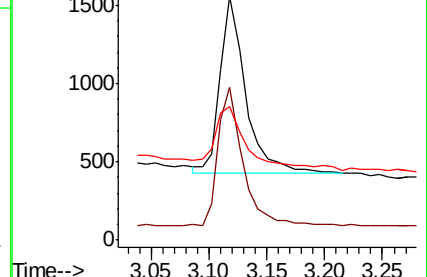
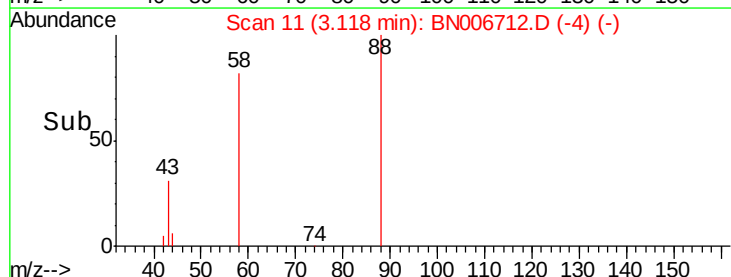
43 48.7 32.4 48.6#

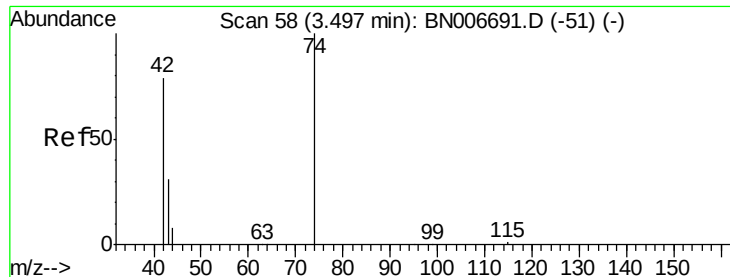


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.356 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

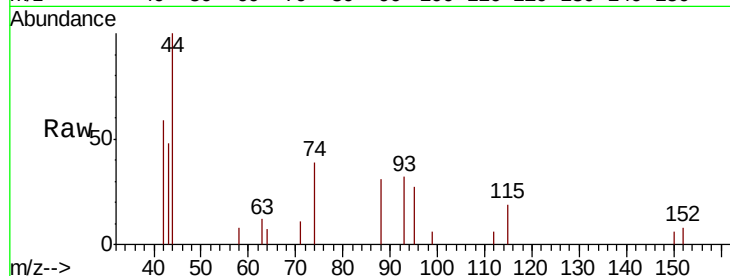
Tot Ion: 42 Resp: 1132

Ion Ratio Lower Upper

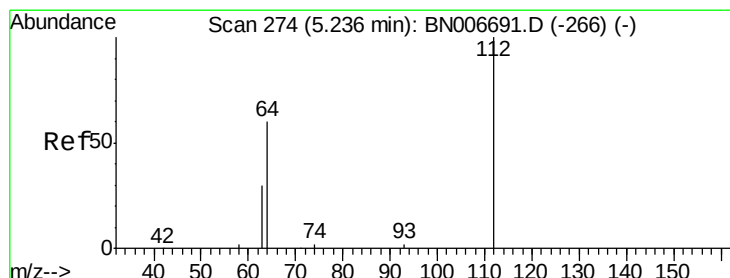
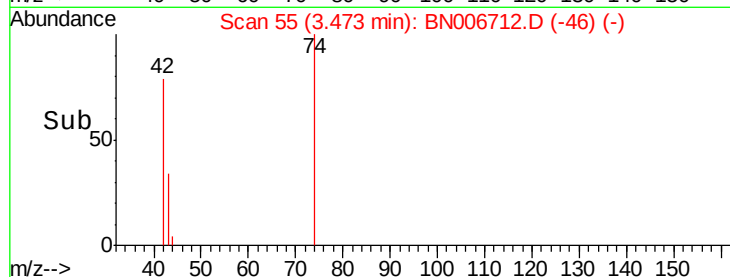
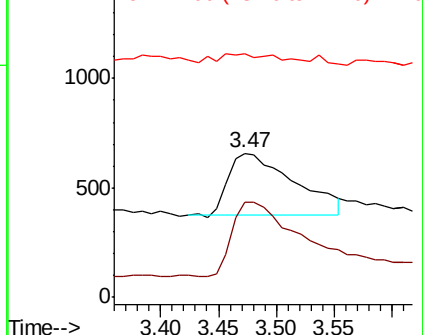
42 100

74 119.6 106.6 160.0

44 0.0 8.0 12.0#



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



#4

2-Fluorophenol

Concen: 0.345 ng

RT: 5.22 min Scan# 272

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

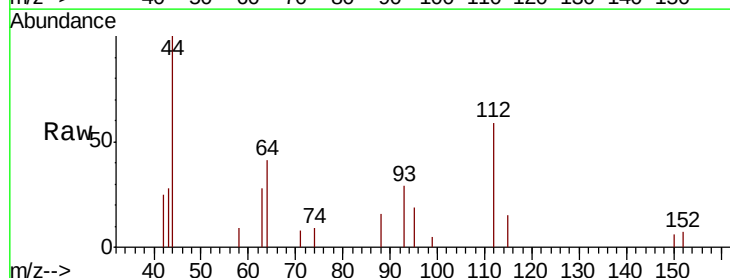
Tgt Ion: 112 Resp: 2528

Ion Ratio Lower Upper

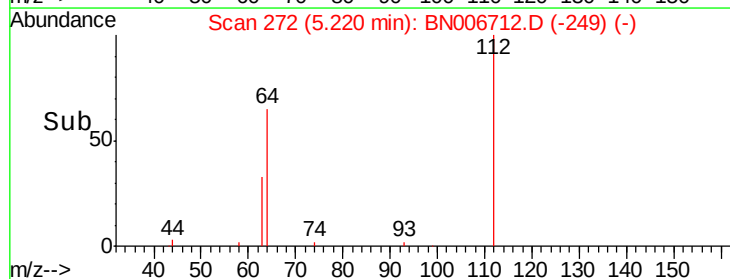
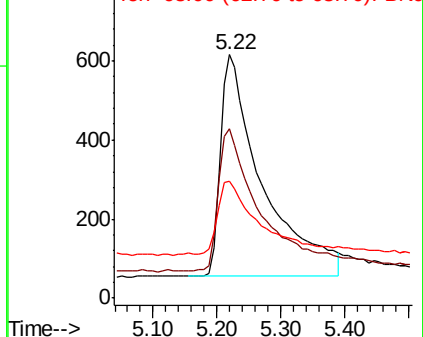
112 100

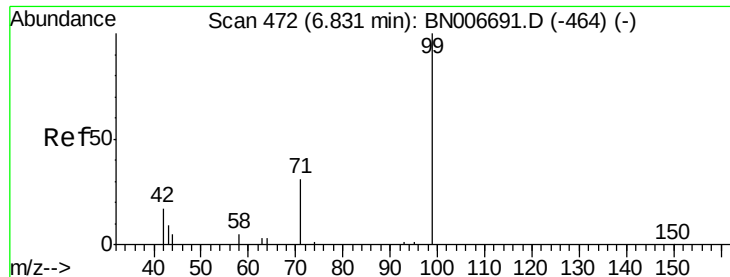
64 64.2 49.8 74.6

63 33.7 25.8 38.6



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





#5

Phenol-d6

Concen: 0.359 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

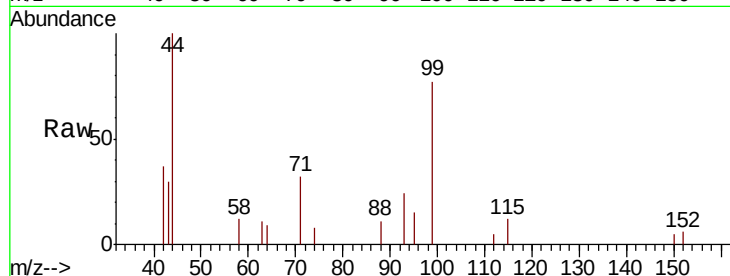
Tot Ion: 99 Resp: 3333

Ion Ratio Lower Upper

99 100

42 22.2 16.6 25.0

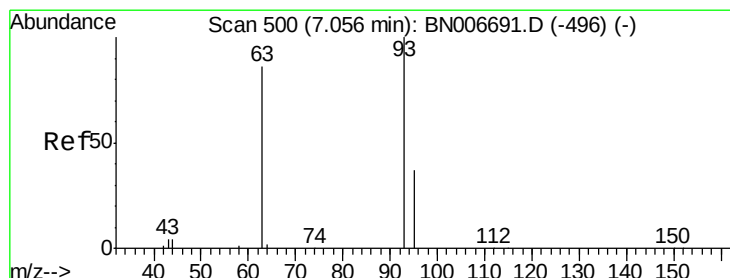
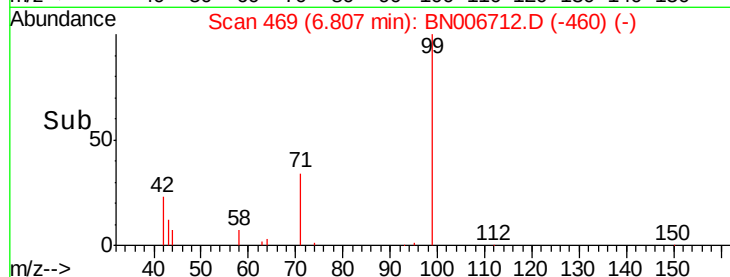
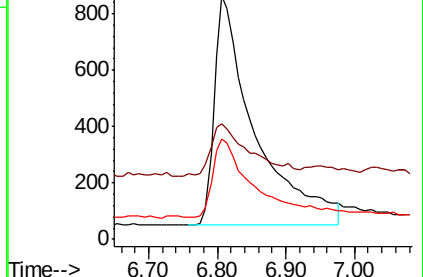
71 35.2 26.0 39.0



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: 0.415 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

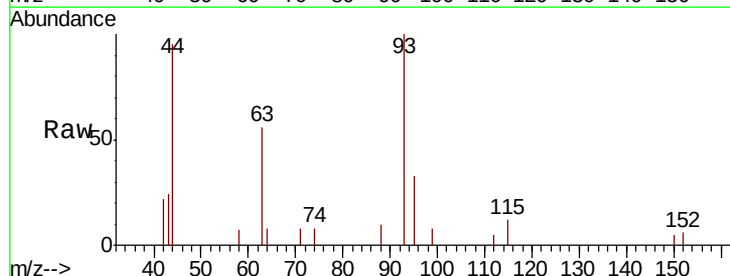
Tgt Ion: 93 Resp: 3252

Ion Ratio Lower Upper

93 100

63 58.9 58.6 87.8

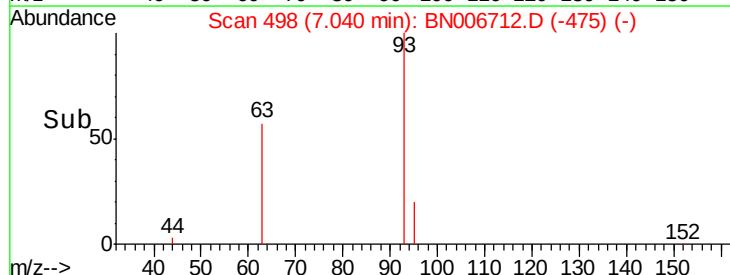
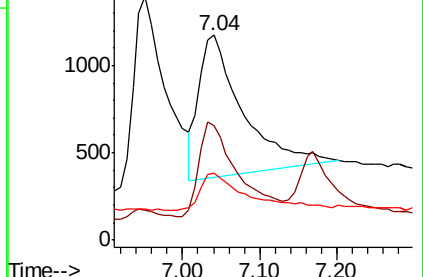
95 28.7 28.3 42.5

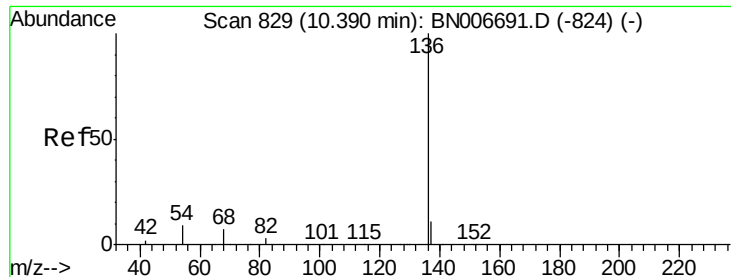


Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

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: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 10796

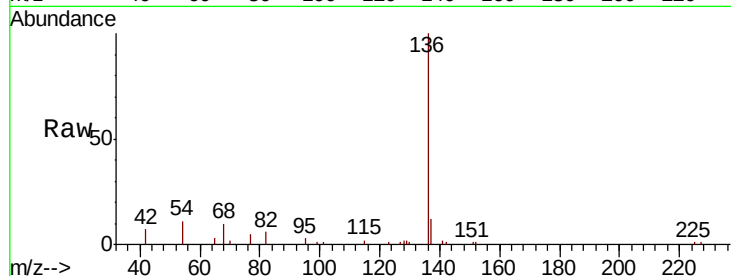
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 11.5 8.4 12.6

68 9.8 6.8 10.2

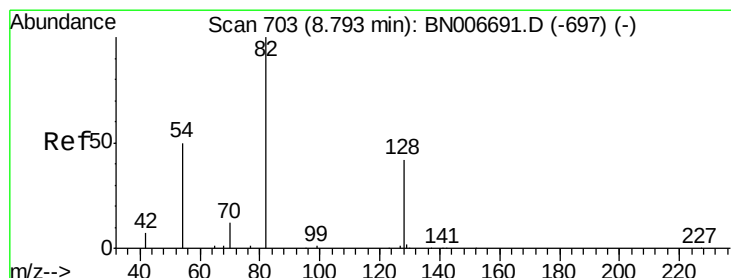
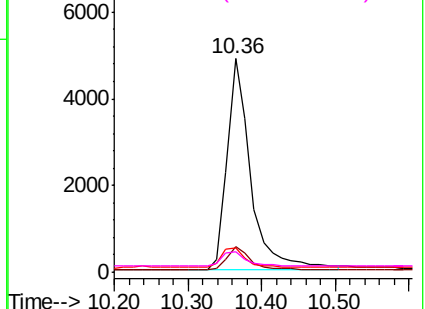
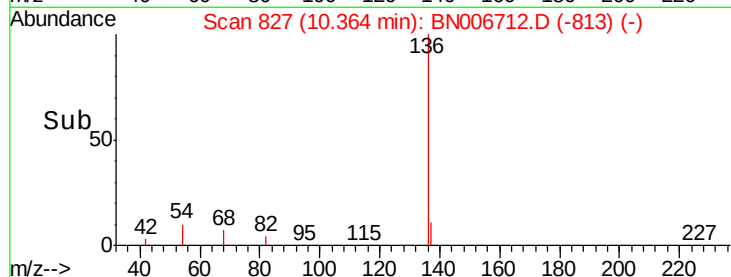


Abundance Ion 136.00 (135.70 to 136.70): E

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: BN006712.D

Acq: 05 Jul 2019 13:06

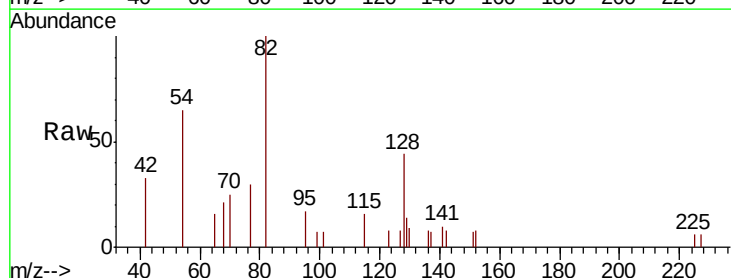
Tgt Ion: 82 Resp: 2870

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

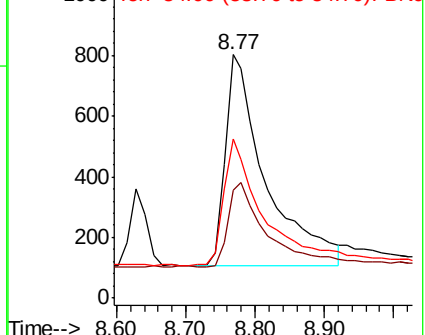
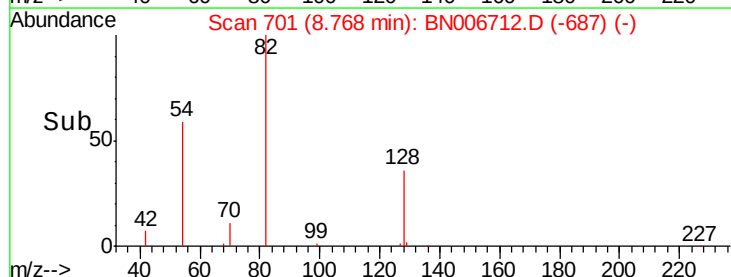
54 65.4 44.5 66.7

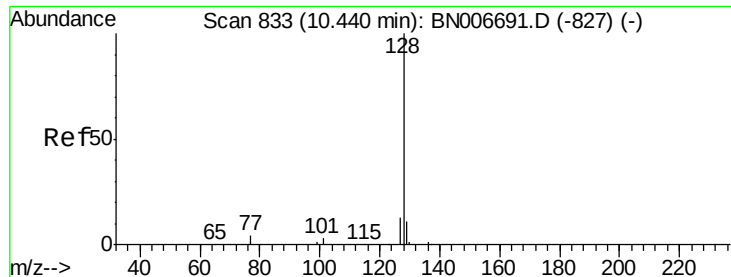


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.392 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

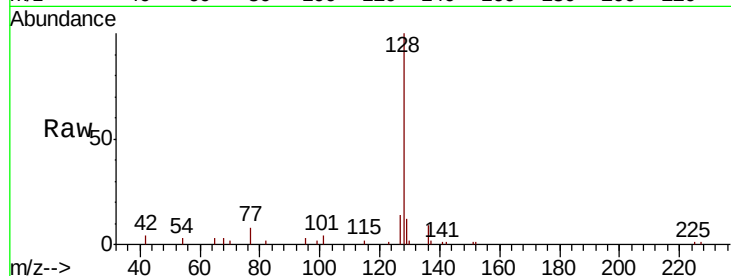
Tot Ion:128 Resp: 11564

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

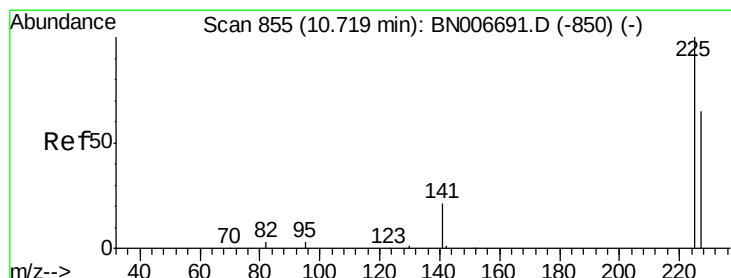
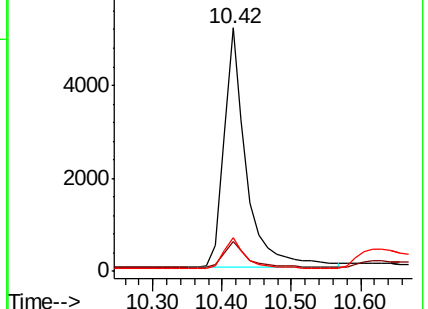
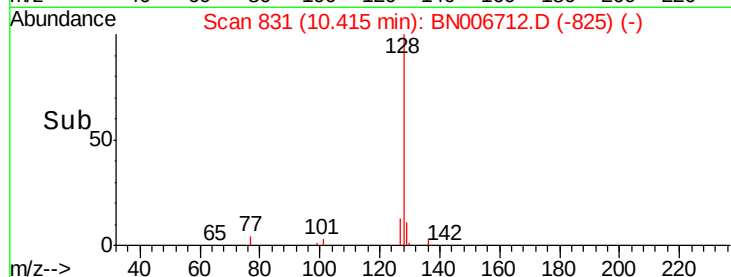
127 14.0 11.0 16.4



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: BN006712.D

Acq: 05 Jul 2019 13:06

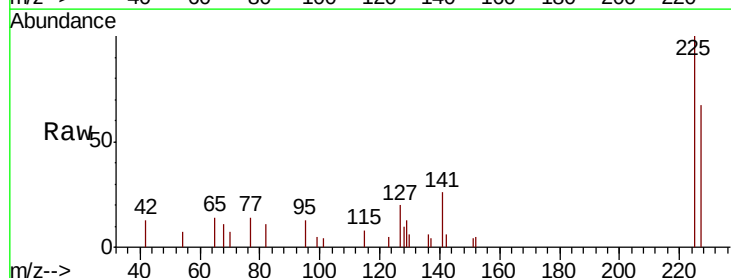
Tgt Ion:225 Resp: 2431

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

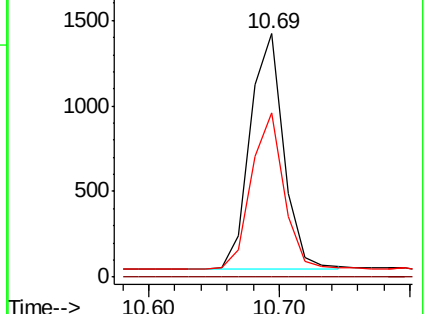
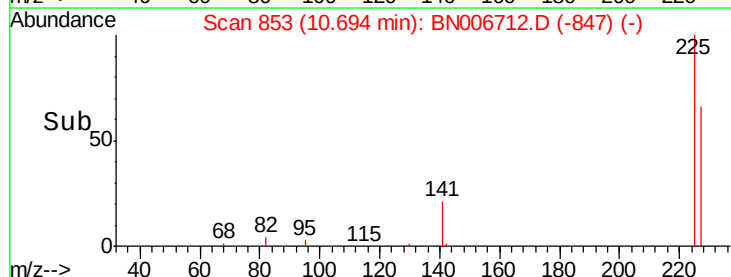
227 64.7 50.9 76.3

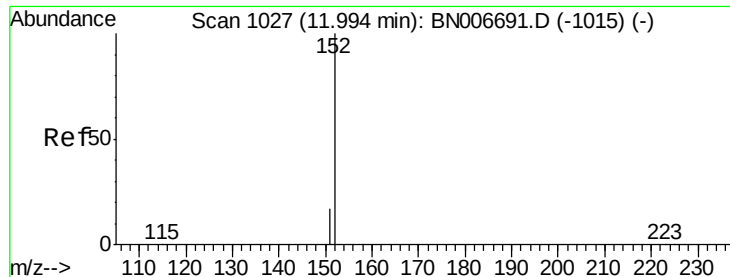


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

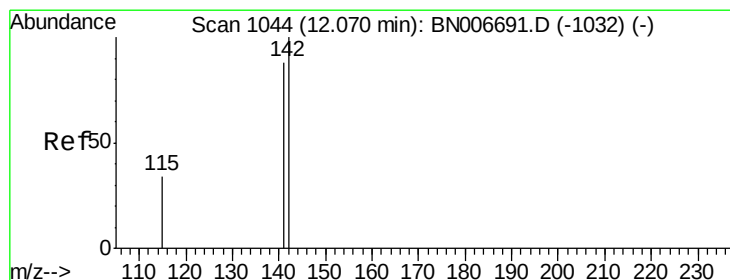
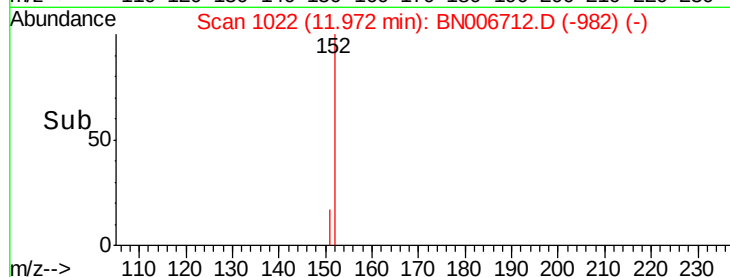
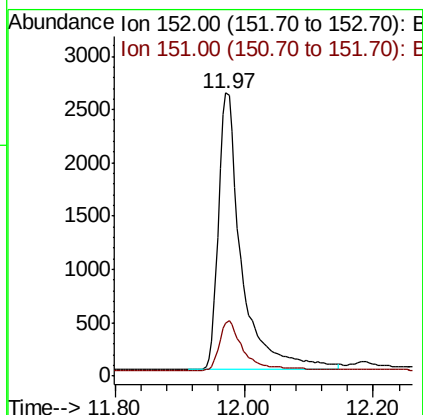
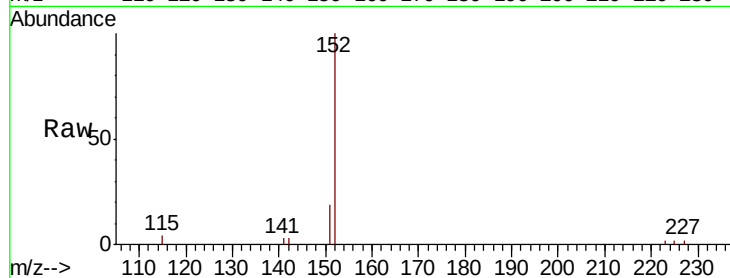




#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng
 RT: 11.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BN006712.D
 Acq: 05 Jul 2019 13:06

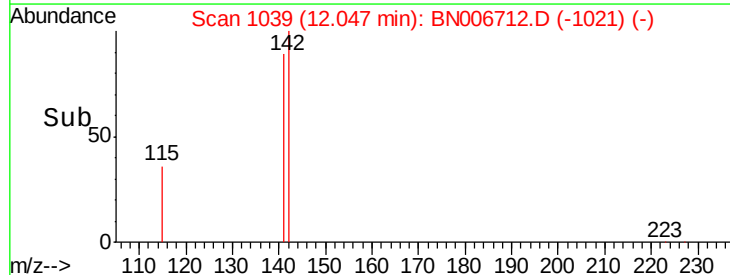
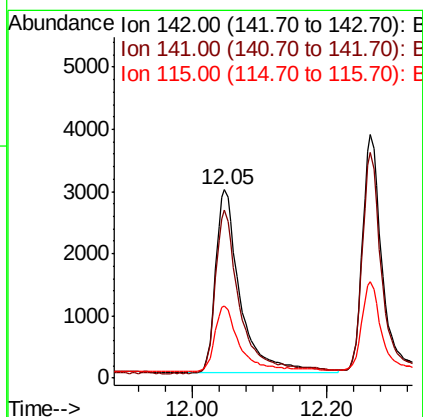
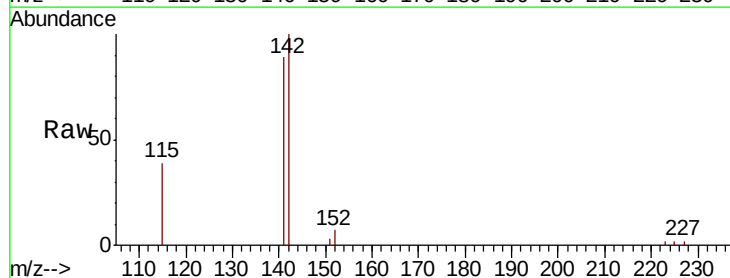
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

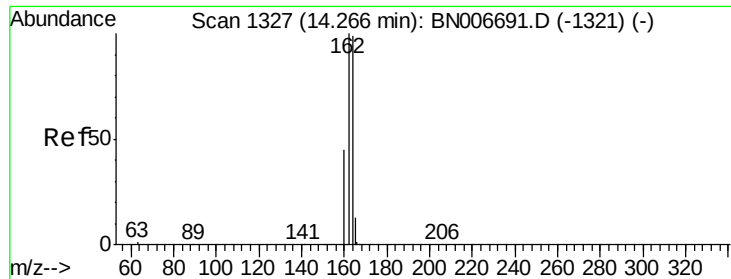
Tot Ion:152 Resp: 6505
 Ion Ratio Lower Upper
 152 100
 151 19.0 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.359 ng
 RT: 12.05 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BN006712.D
 Acq: 05 Jul 2019 13:06

Tgt Ion:142 Resp: 7557
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.3 105.5
 115 38.5 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: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampled :

SSTDCCC0.4

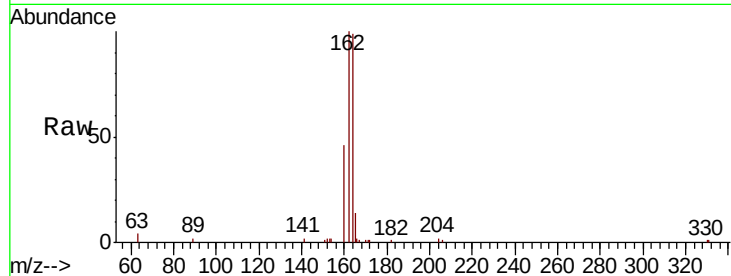
Tot Ion:164 Resp: 6499

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

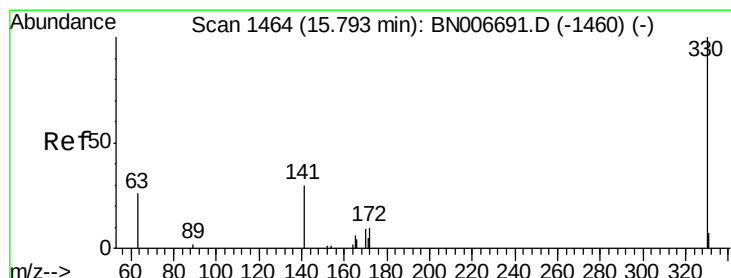
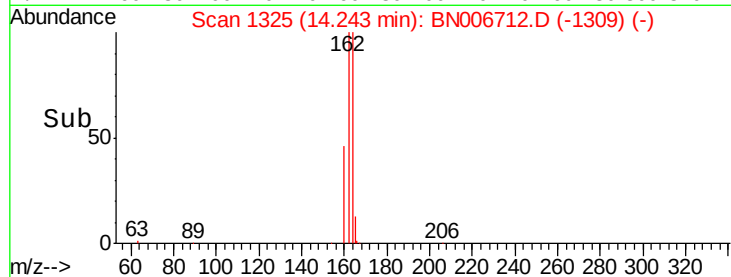
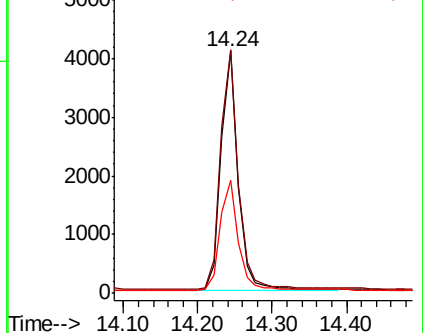
160 46.8 37.0 55.6



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: 0.394 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

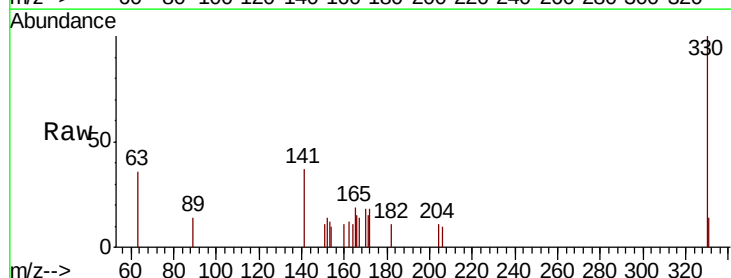
Tgt Ion:330 Resp: 1260

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

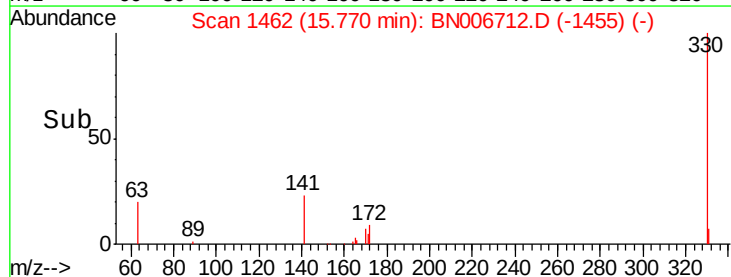
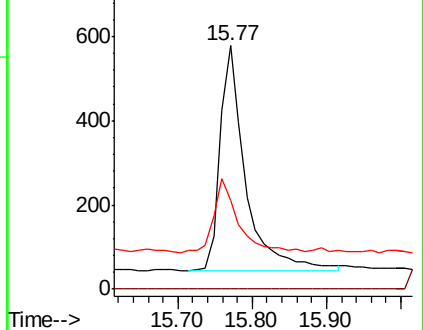
141 31.7 24.8 37.2

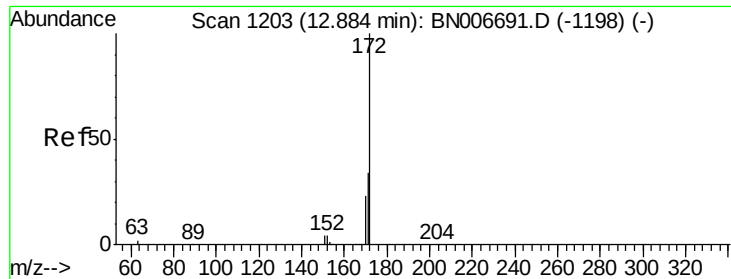


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

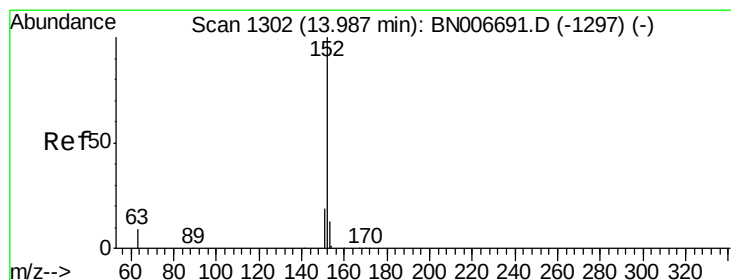
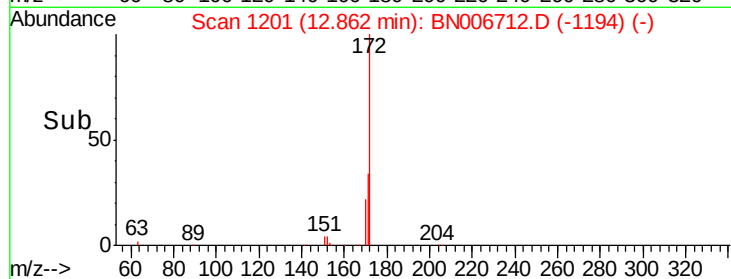
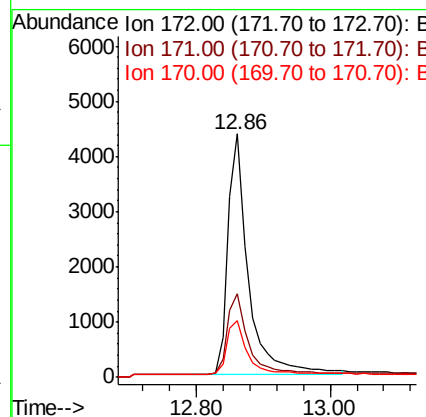
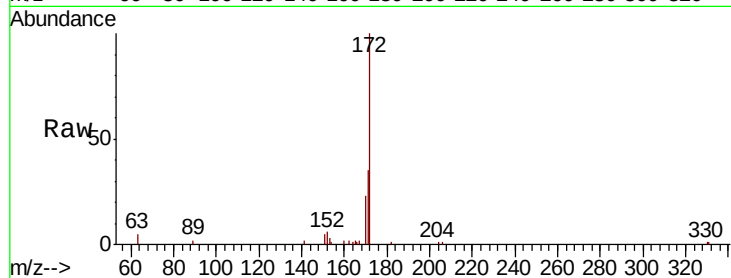




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006712.D
Acq: 05 Jul 2019 13:06

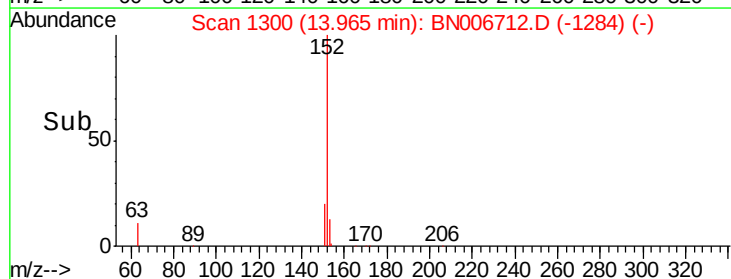
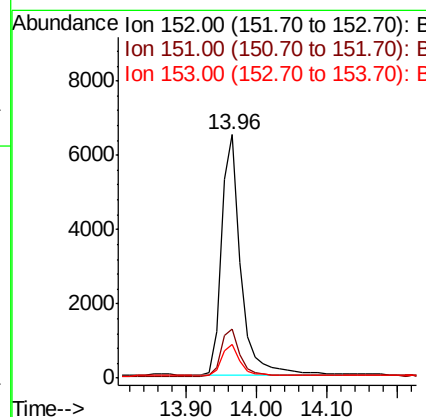
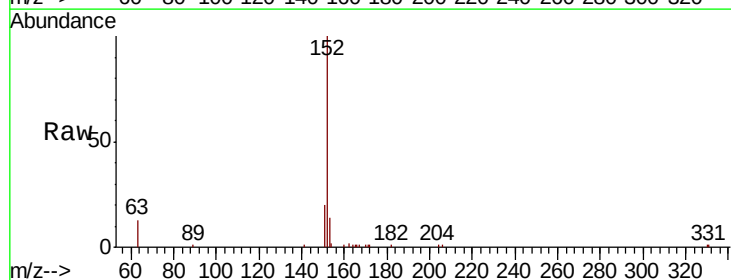
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

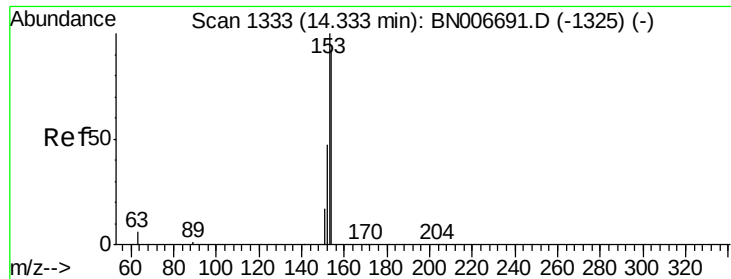
Tot Ion:172 Resp: 9296
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.9 28.3



#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006712.D
Acq: 05 Jul 2019 13:06

Tgt Ion:152 Resp: 12407
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

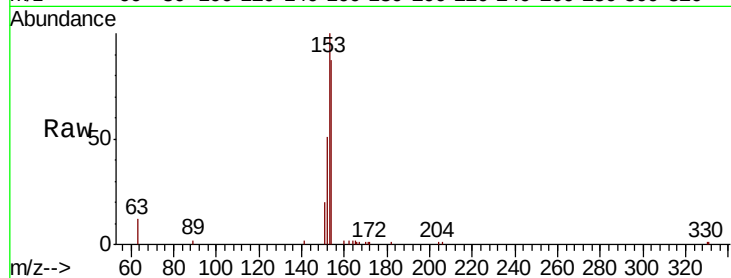
Tot Ion:154 Resp: 8067

Ion Ratio Lower Upper

154 100

153 113.5 88.9 133.3

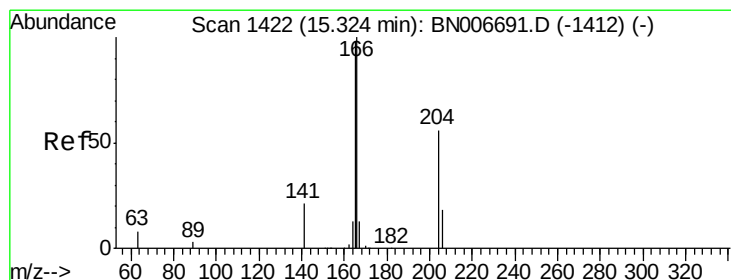
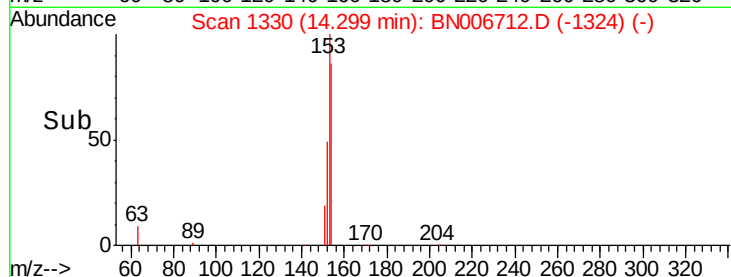
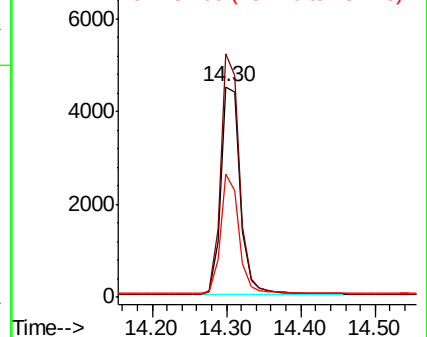
152 54.3 42.8 64.2



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: 0.390 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

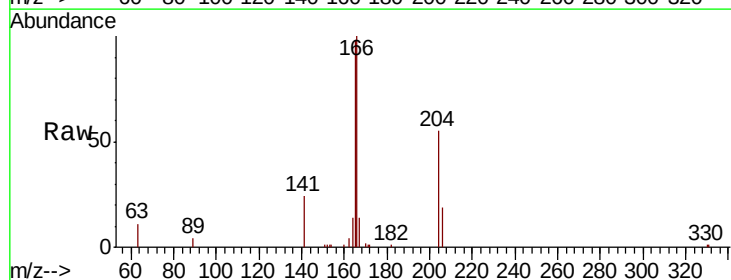
Tgt Ion:166 Resp: 9992

Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

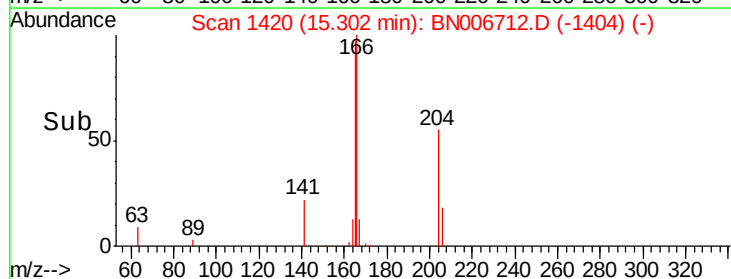
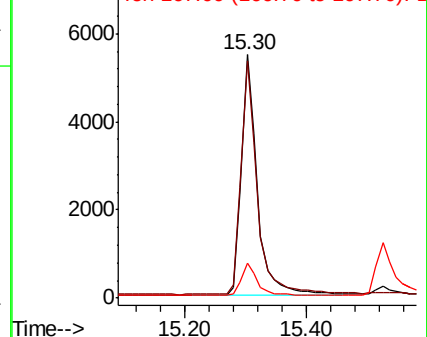
167 13.6 10.7 16.1

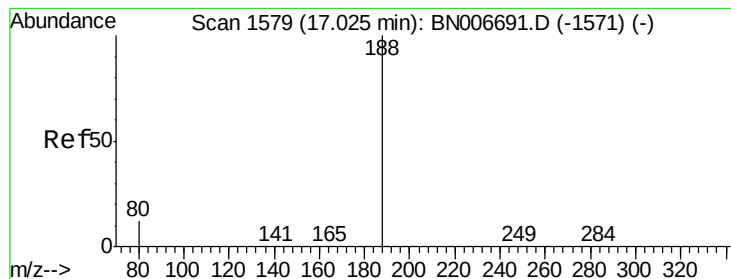


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

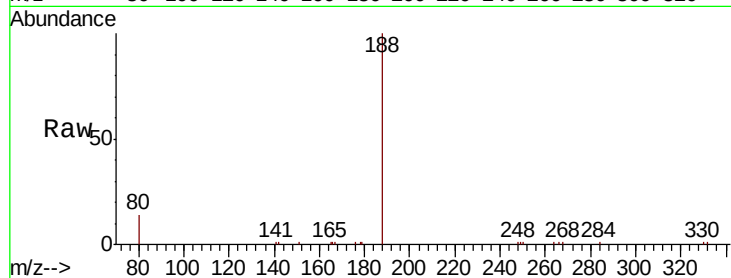
Tot Ion:188 Resp: 14896

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 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

10000

8000

6000

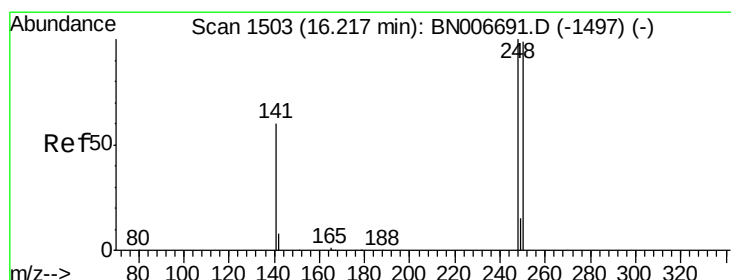
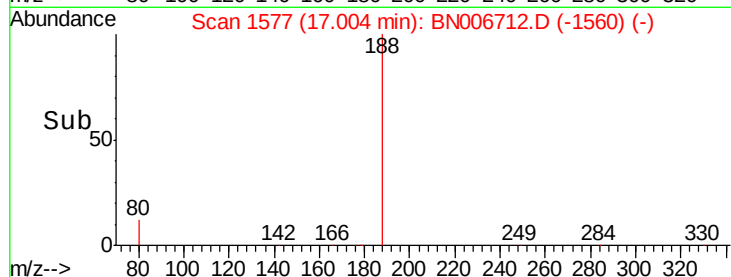
4000

2000

0

17.00

Time--> 16.80 17.00 17.20



#20

4-Bromophenyl-phenylether

Concen: 0.363 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

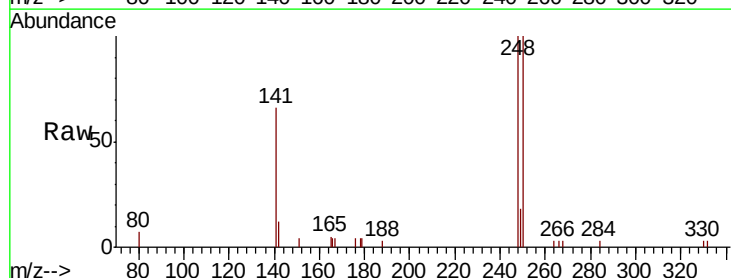
Tgt Ion:248 Resp: 3186

Ion Ratio Lower Upper

248 100

250 99.7 79.0 118.6

141 66.1 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

2000

1500

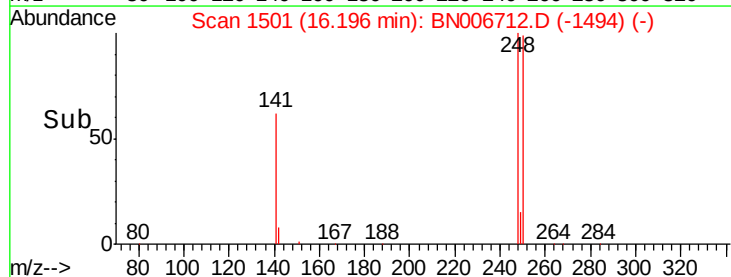
1000

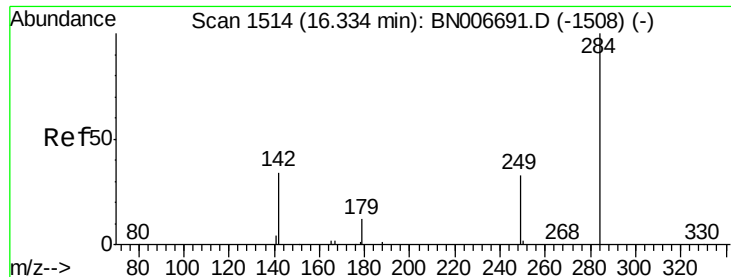
500

0

16.20

Time--> 16.10 16.20 16.30





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.31 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

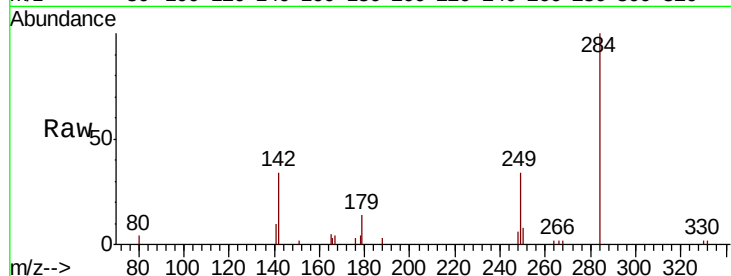
Tot Ion:284 Resp: 4221

Ion Ratio Lower Upper

284 100

142 32.4 26.9 40.3

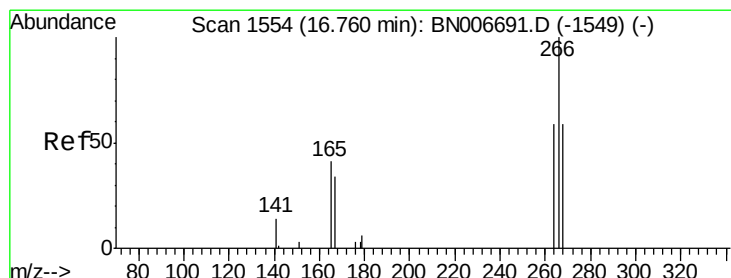
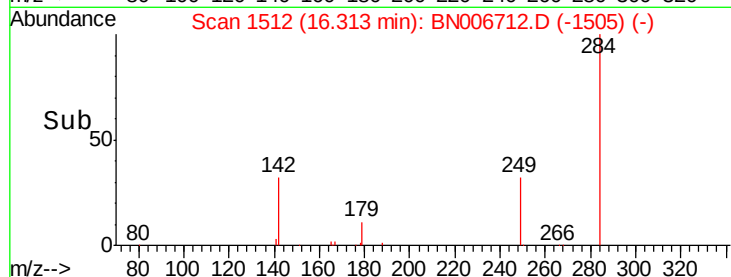
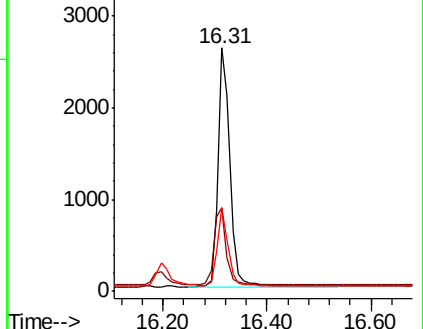
249 29.4 24.4 36.6



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: 0.545 ng

RT: 16.71 min Scan# 1549

Delta R.T. -0.05 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

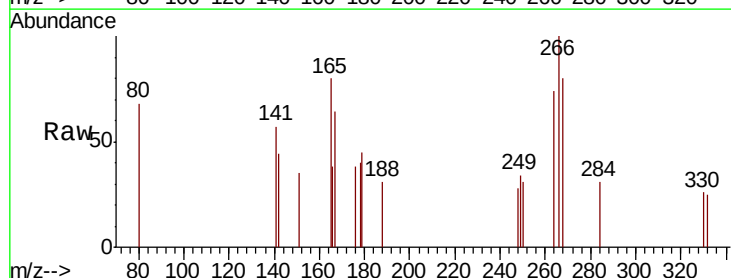
Tgt Ion:266 Resp: 630

Ion Ratio Lower Upper

266 100

264 74.0 57.6 86.4

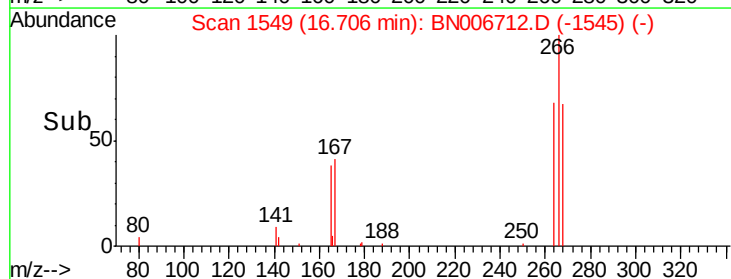
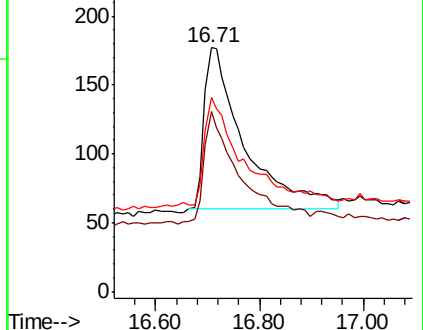
268 79.7 66.6 99.8

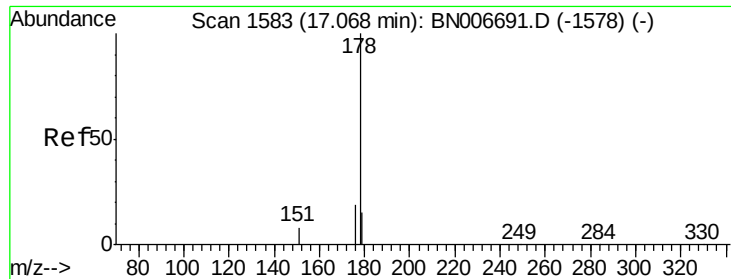


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.369 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

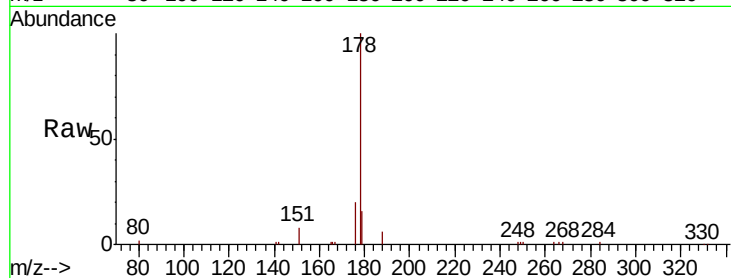
Tot Ion:178 Resp: 15831

Ion Ratio Lower Upper

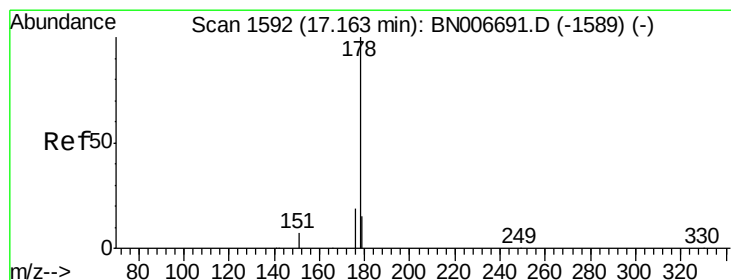
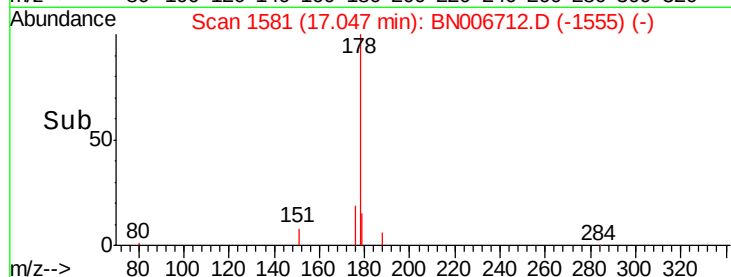
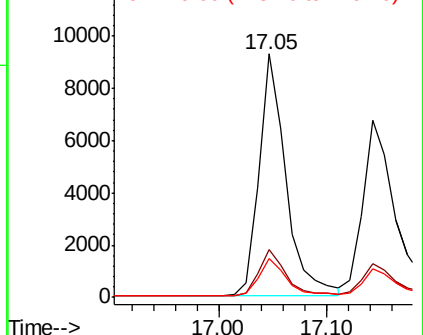
178 100

176 19.0 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: 0.359 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

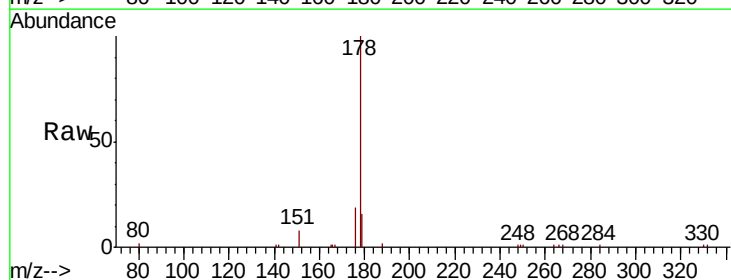
Tgt Ion:178 Resp: 13943

Ion Ratio Lower Upper

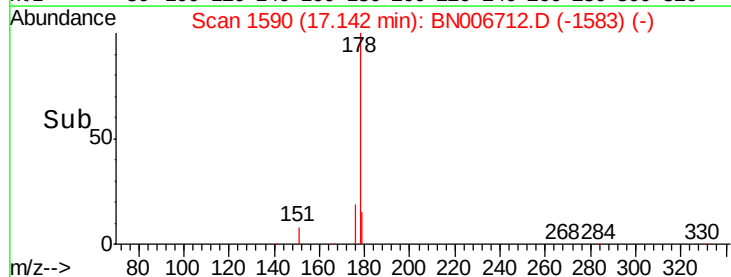
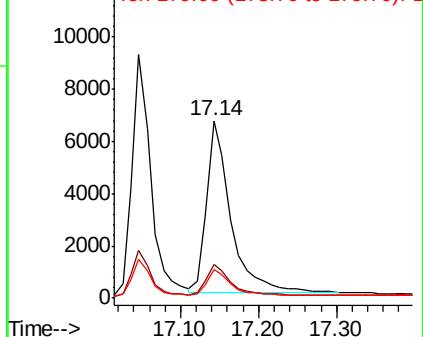
178 100

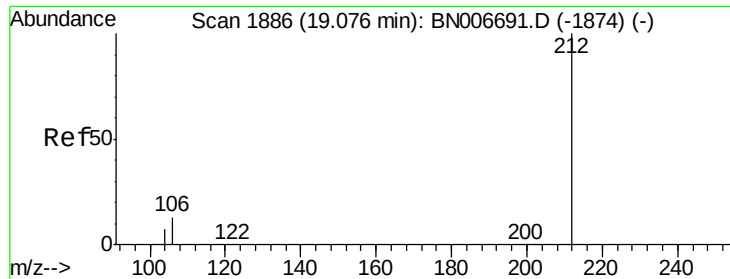
176 18.6 14.8 22.2

179 15.0 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

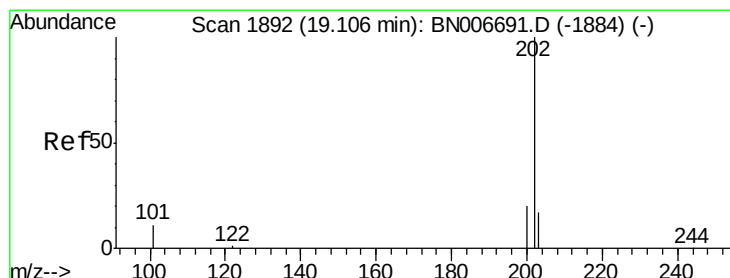
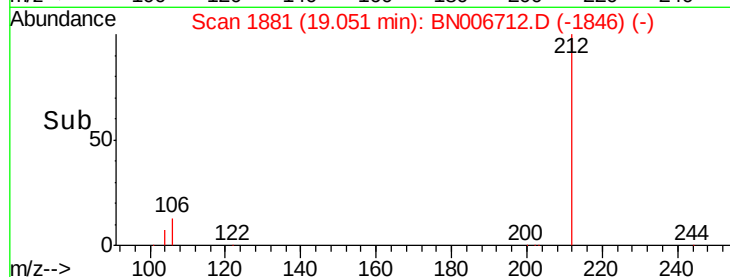
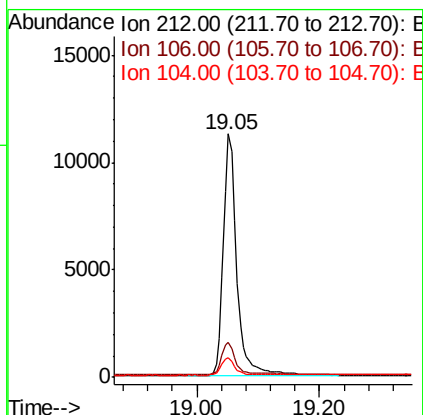
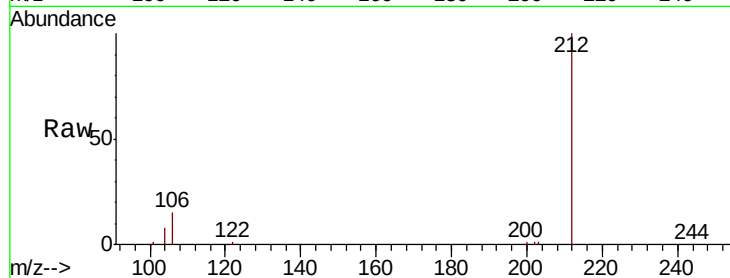




#25
 Fluoranthene-d10
 Concen: 0.411 ng
 RT: 19.05 min Scan# 1881
 Delta R.T. -0.02 min
 Lab File: BN006712.D
 Acq: 05 Jul 2019 13:06

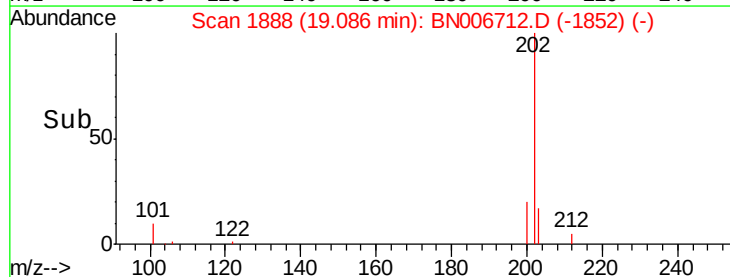
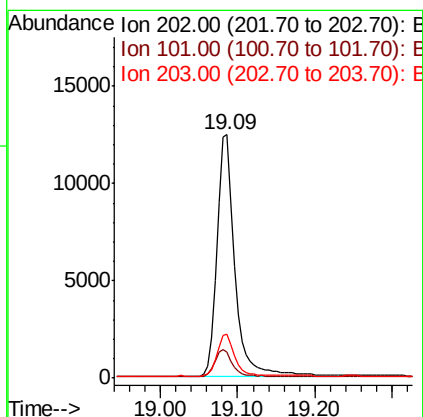
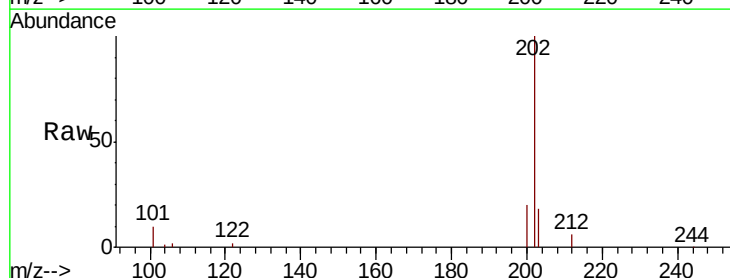
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

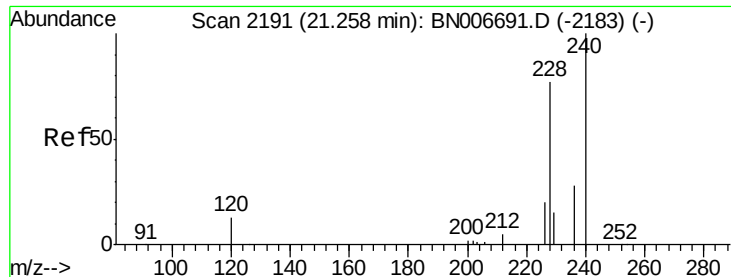
Tot Ion:212 Resp: 17499
 Ion Ratio Lower Upper
 212 100
 106 13.3 11.0 16.6
 104 7.2 6.1 9.1



#26
 Fluoranthene
 Concen: 0.399 ng
 RT: 19.09 min Scan# 1888
 Delta R.T. -0.02 min
 Lab File: BN006712.D
 Acq: 05 Jul 2019 13:06

Tgt Ion:202 Resp: 20097
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.7 13.1
 203 17.1 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.03 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

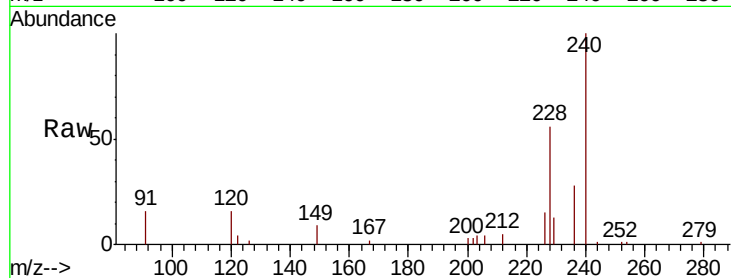
Tot Ion:240 Resp: 15113

Ion Ratio Lower Upper

240 100

120 16.2 12.9 19.3

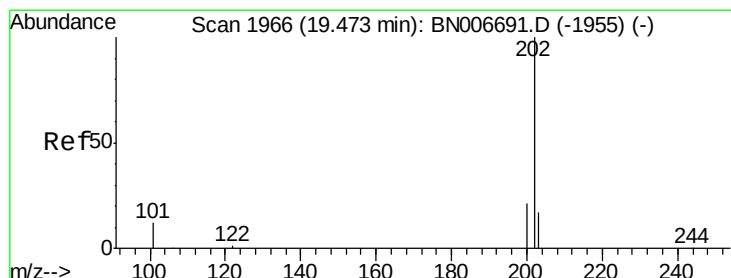
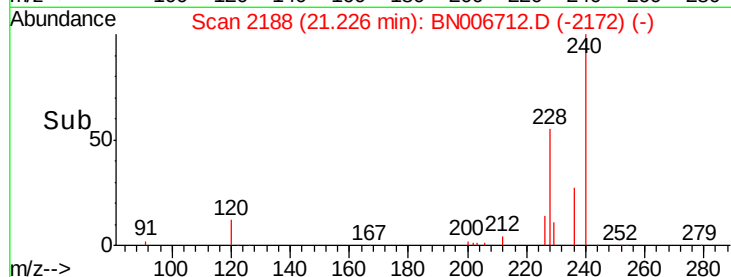
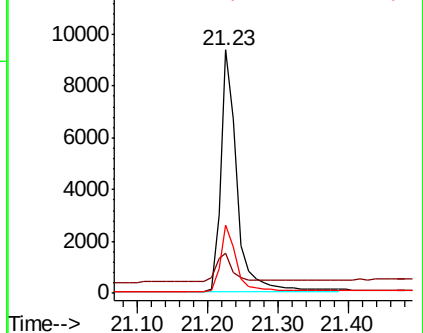
236 27.8 23.2 34.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.347 ng

RT: 19.45 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

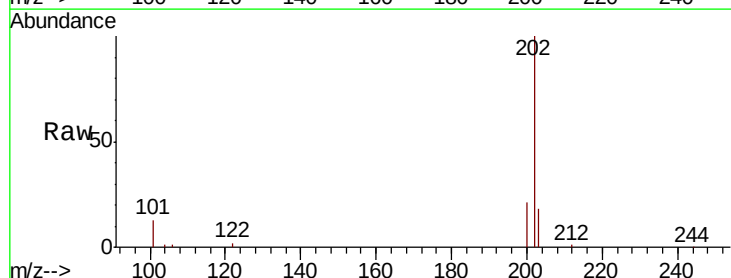
Tgt Ion:202 Resp: 20961

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

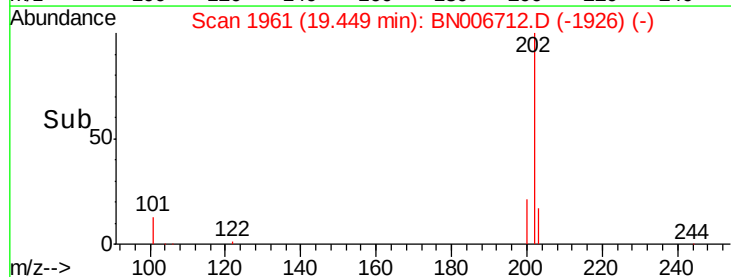
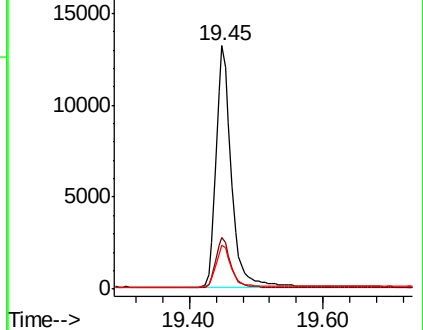
203 17.8 14.2 21.2

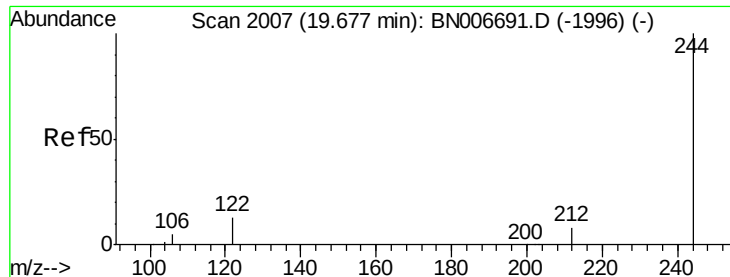


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.365 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

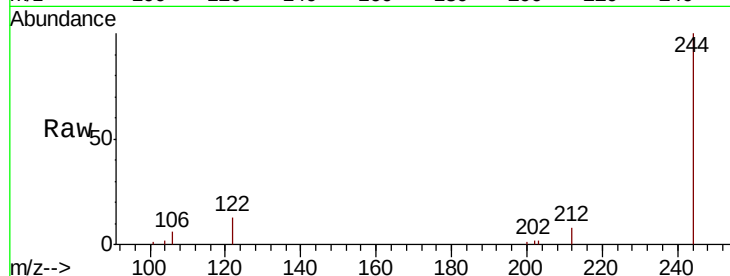
Tot Ion:244 Resp: 12706

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

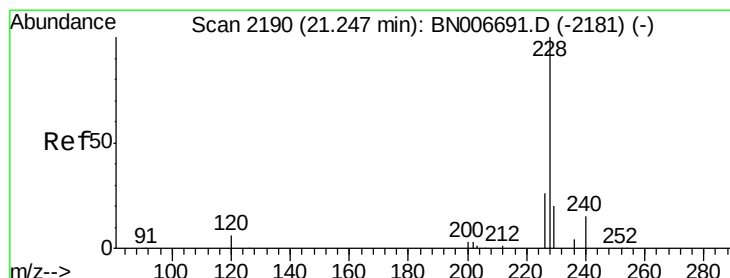
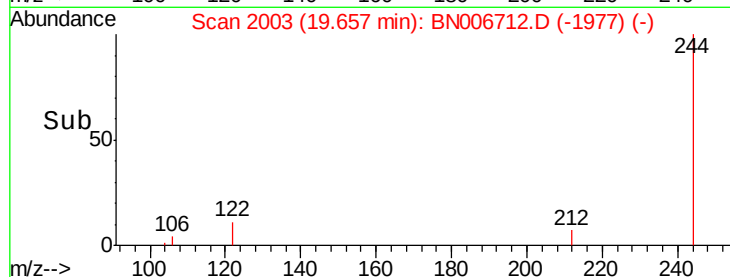
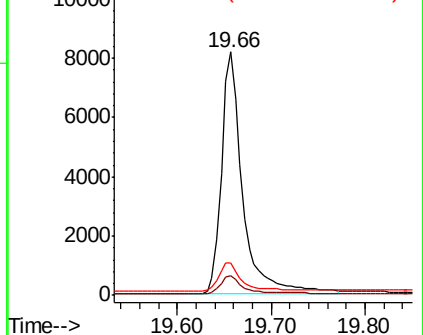
122 13.1 11.5 17.3



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: 0.354 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

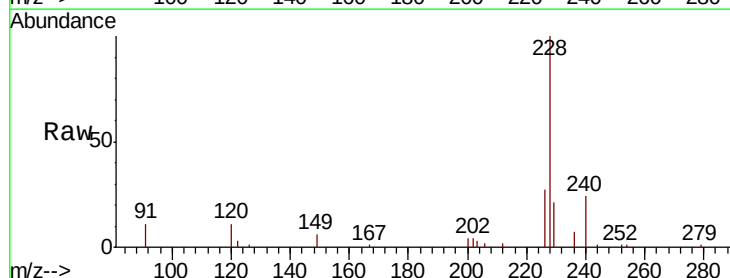
Tgt Ion:228 Resp: 18440

Ion Ratio Lower Upper

228 100

226 26.5 21.5 32.3

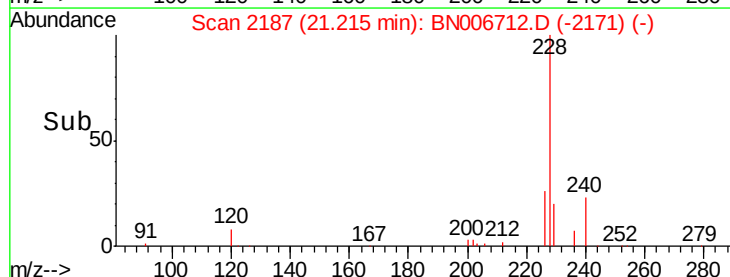
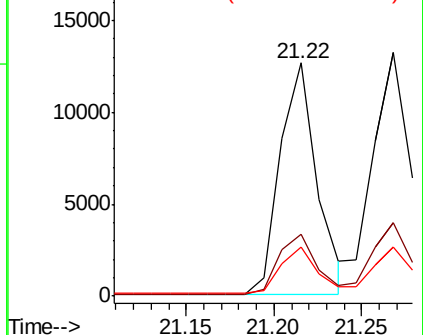
229 21.2 16.2 24.4

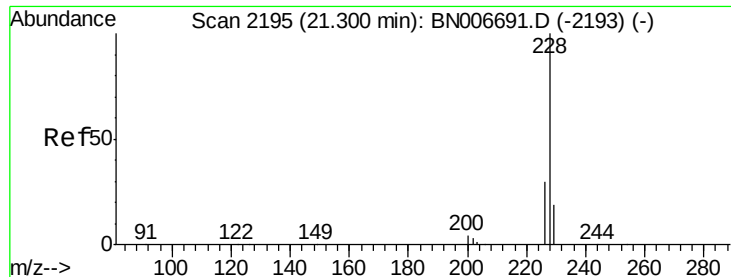


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

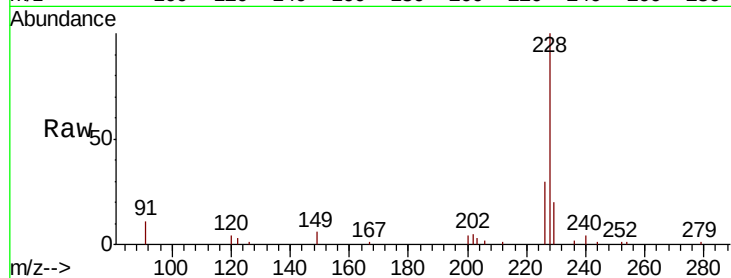
Tot Ion:228 Resp: 20906

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

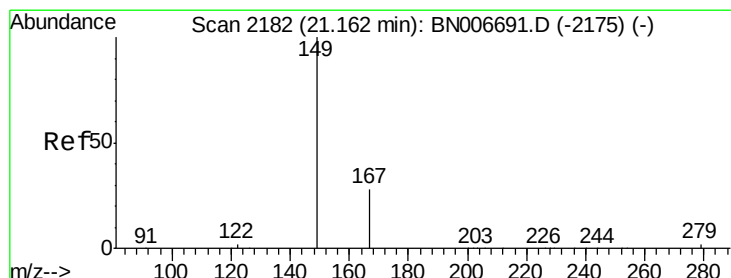
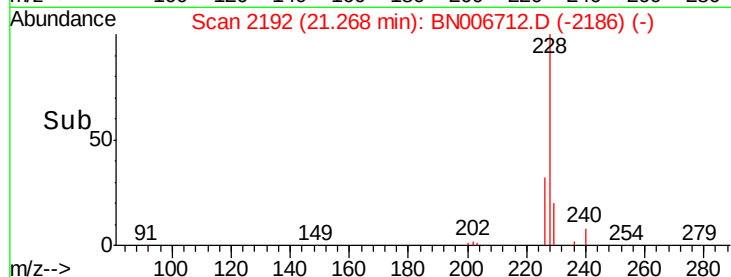
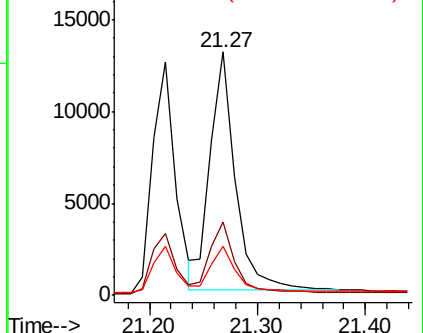
229 20.2 15.8 23.6



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: 0.073 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

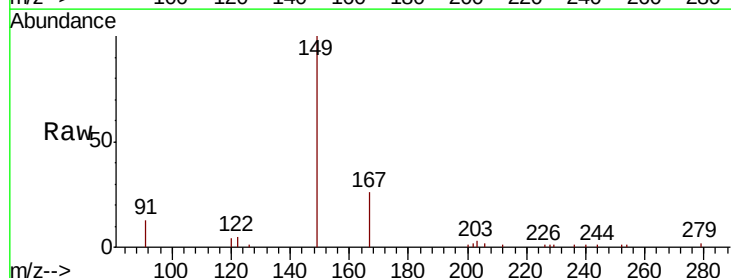
Tgt Ion:149 Resp: 11388

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

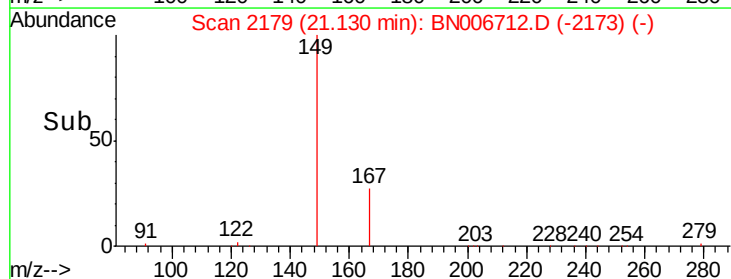
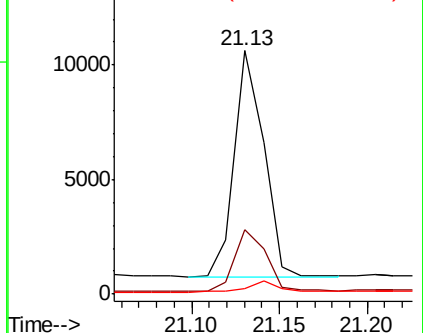
279 4.6 3.2 4.8

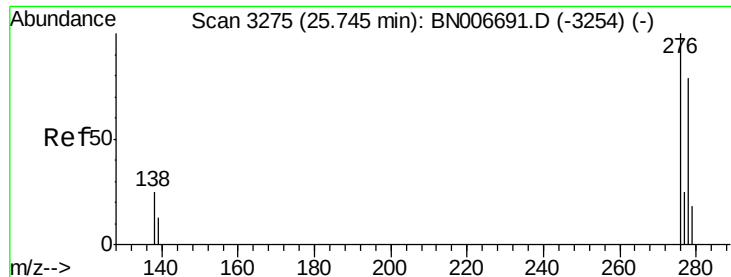


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.420 ng

RT: 25.67 min Scan# 3254

Delta R.T. -0.07 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

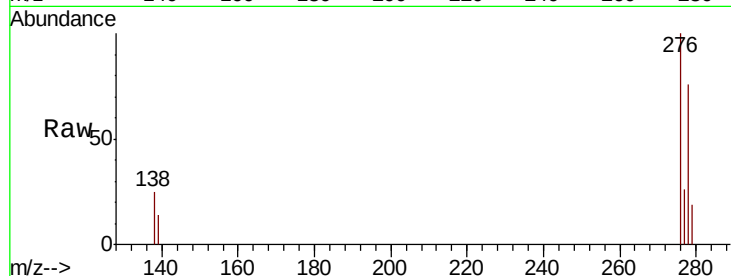
Tot Ion:276 Resp: 26988

Ion Ratio Lower Upper

276 100

138 22.6 19.5 29.3

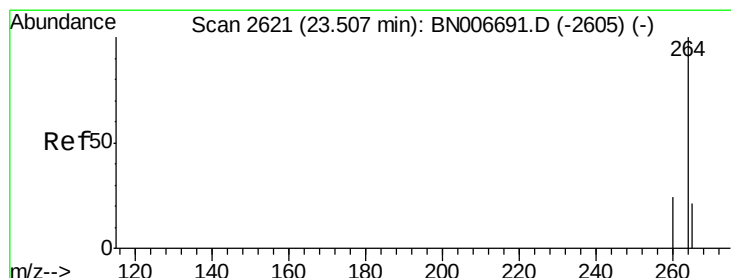
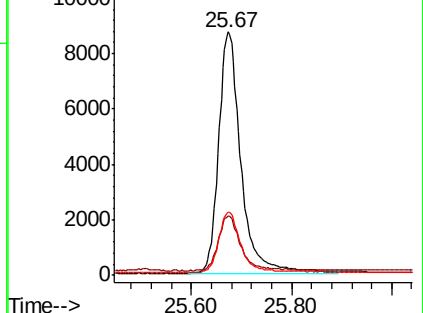
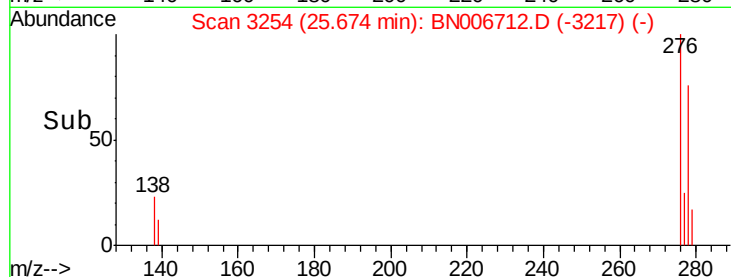
277 24.8 19.7 29.5



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: 23.45 min Scan# 2605

Delta R.T. -0.05 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

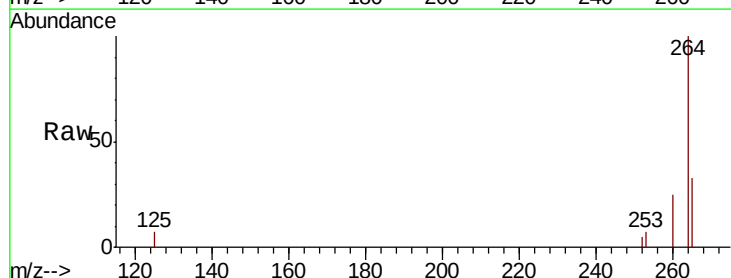
Tgt Ion:264 Resp: 17918

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

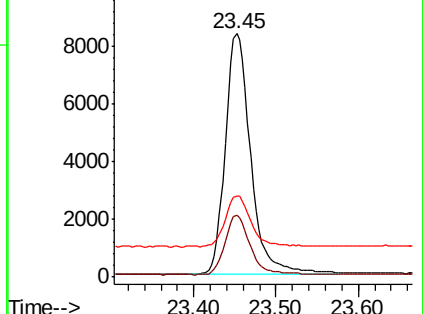
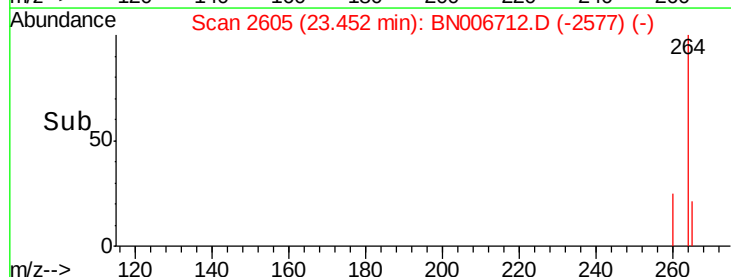
265 33.5 33.7 50.5#

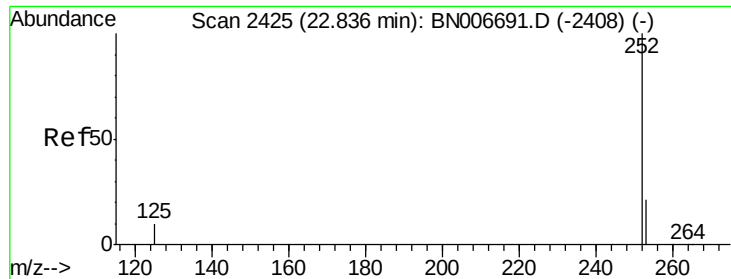


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

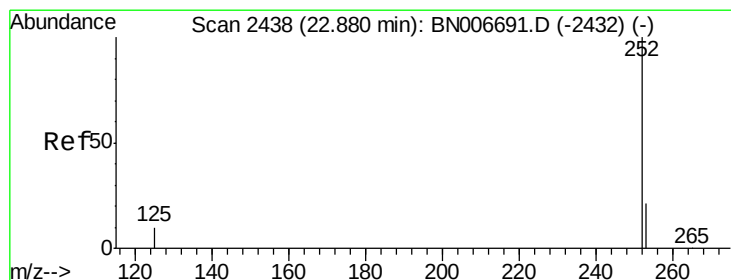
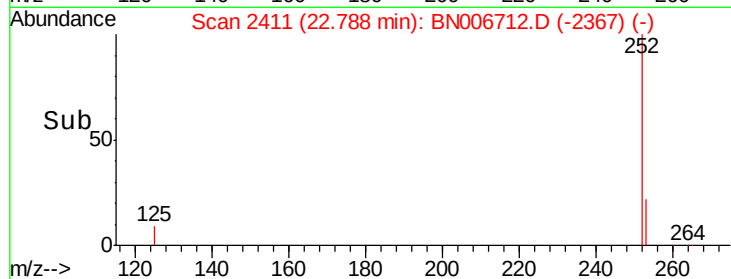
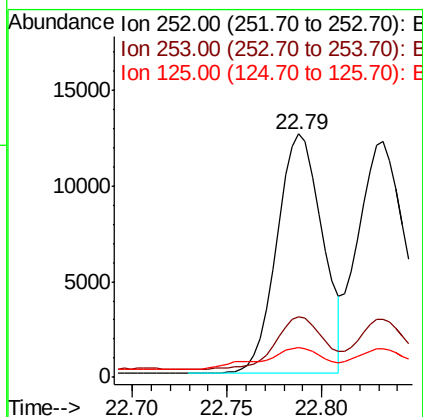
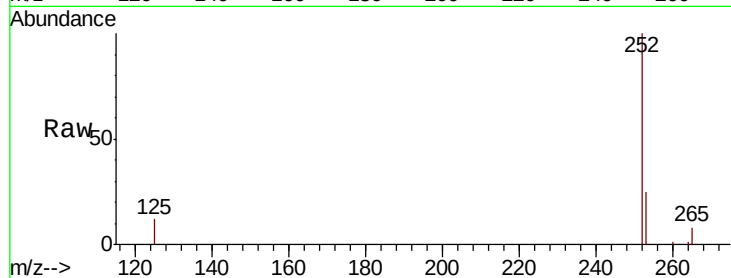




#35
Benzo(b)fluoranthene
Concen: 0.360 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN006712.D
Acq: 05 Jul 2019 13:06

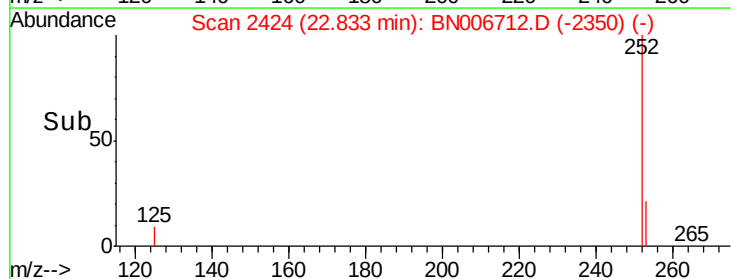
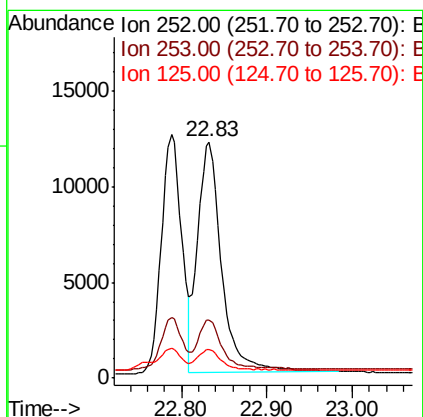
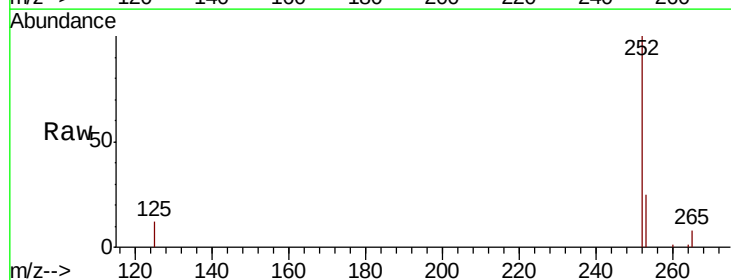
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

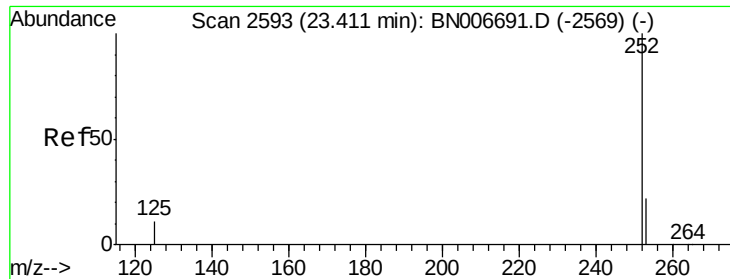
Tot Ion:252 Resp: 20693
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.2
125 12.3 11.5 17.3



#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.05 min
Lab File: BN006712.D
Acq: 05 Jul 2019 13:06

Tgt Ion:252 Resp: 23683
Ion Ratio Lower Upper
252 100
253 24.8 20.1 30.1
125 12.3 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.36 min Scan# 2577

Delta R.T. -0.05 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

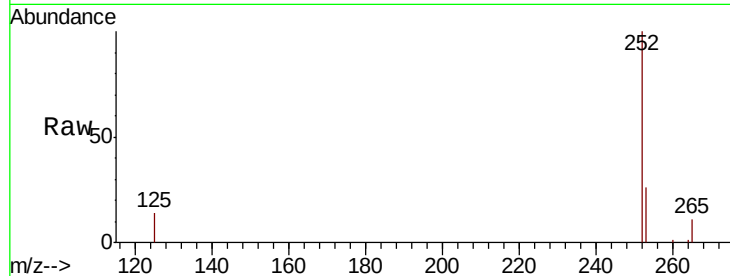
Tot Ion:252 Resp: 21064

Ion Ratio Lower Upper

252 100

253 26.0 21.4 32.2

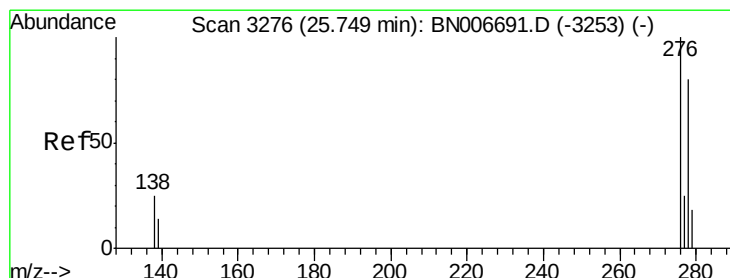
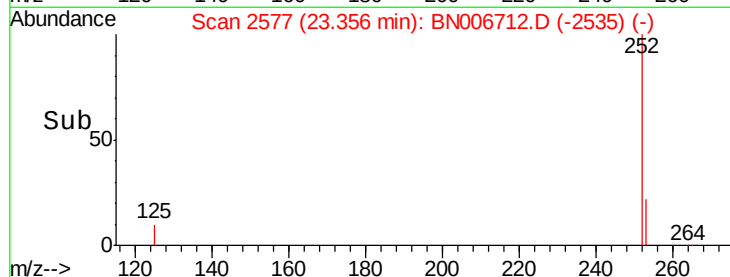
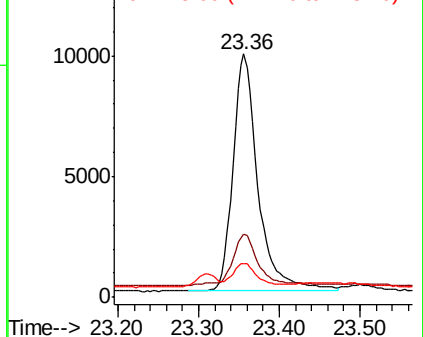
125 13.9 13.3 19.9



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: 25.68 min Scan# 3255

Delta R.T. -0.07 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

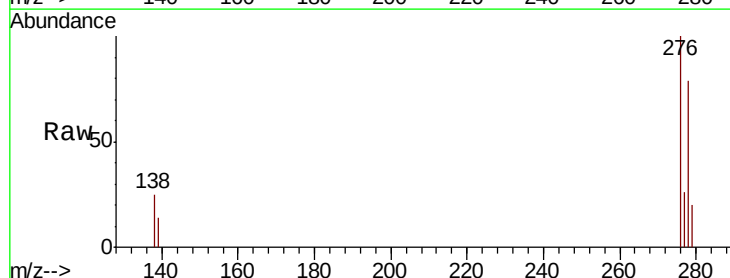
Tgt Ion:278 Resp: 21537

Ion Ratio Lower Upper

278 100

139 17.6 16.2 24.4

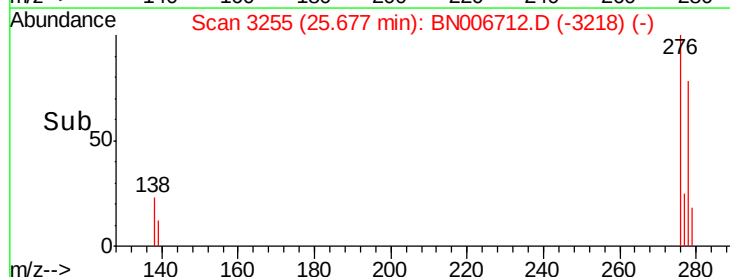
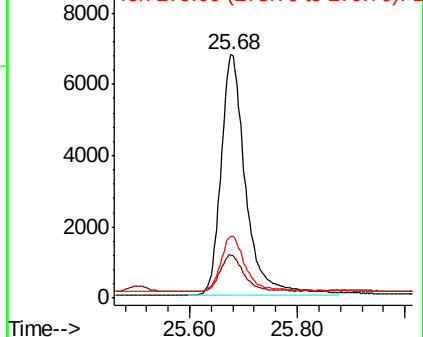
279 25.5 20.7 31.1

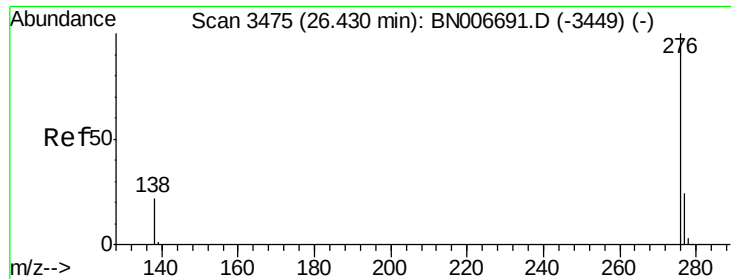


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.394 ng

RT: 26.35 min Scan# 3453

Delta R.T. -0.08 min

Lab File: BN006712.D

Acq: 05 Jul 2019 13:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

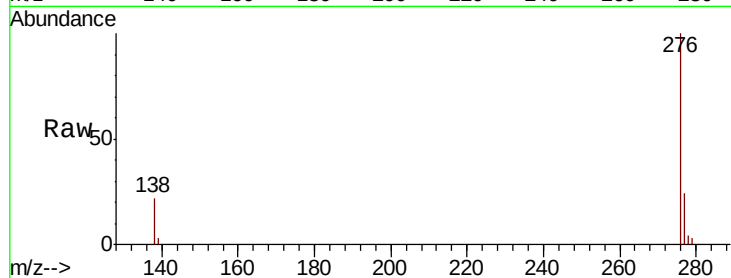
Tot Ion:276 Resp: 22439

Ion Ratio Lower Upper

276 100

277 24.4 20.6 30.8

138 22.3 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

