

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006746.D
 Acq On : 06 Jul 2019 09:21
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 08 00:25:26 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	2673	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	10568	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6060	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	13679	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	13805	0.40	ng	-0.02
34) Perylene-d12	23.46	264	16022	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2518	0.35	ng	0.00
5) Phenol-d6	6.81	99	3294	0.36	ng	-0.02
8) Nitrobenzene-d5	8.78	82	2849	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6458	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1093	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	9250	0.39	ng	-0.02
25) Fluoranthene-d10	19.05	212	16614	0.42	ng	-0.02
29) Terphenyl-d14	19.66	244	12520	0.39	ng	-0.02

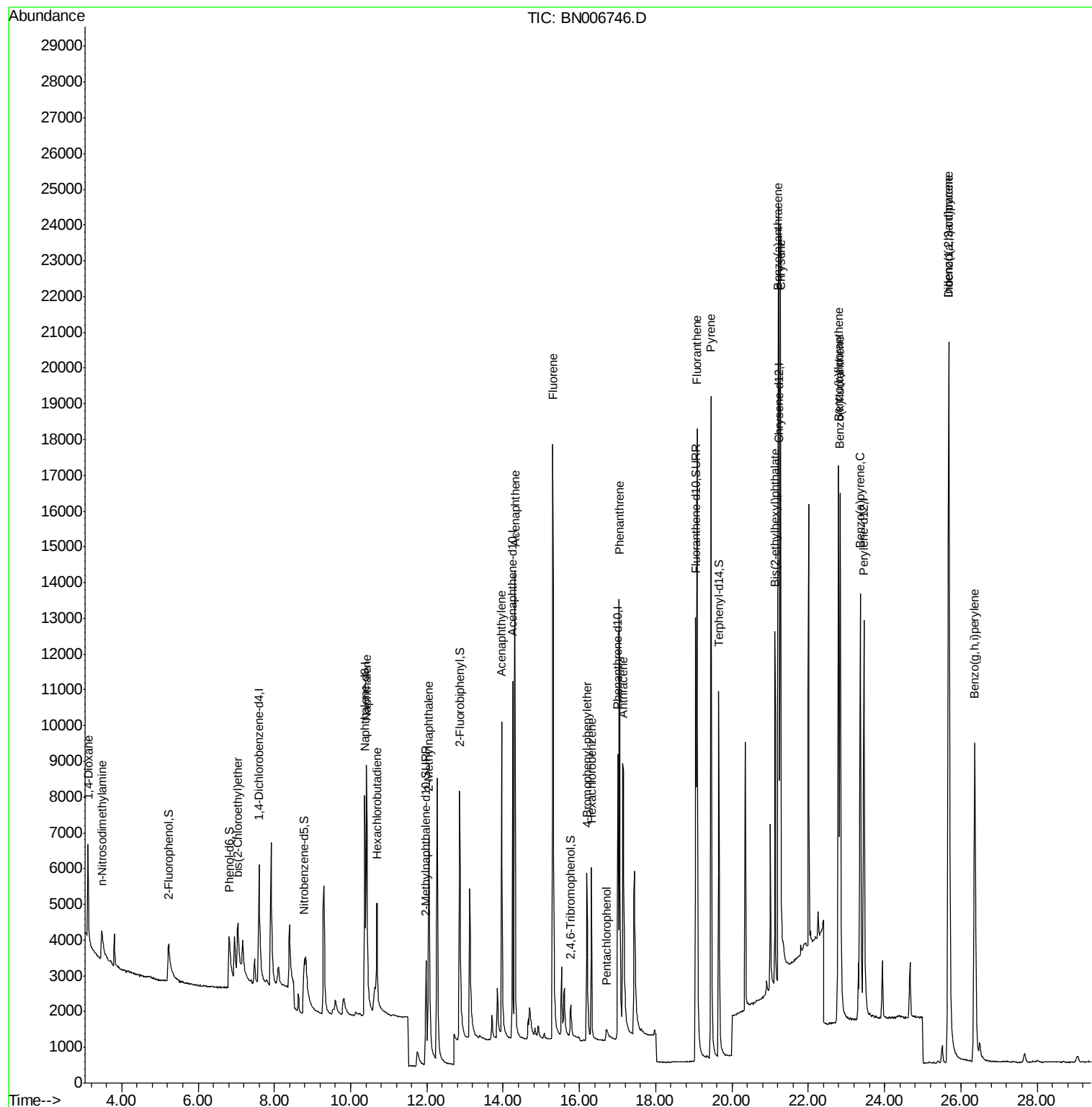
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	1869	0.447	ng	97
3) n-Nitrosodimethylamine	3.47	42	1229	0.390	ng	# 81
6) bis(2-Chloroethyl)ether	7.04	93	3378	0.435	ng	# 85
9) Naphthalene	10.42	128	11896	0.412	ng	99
10) Hexachlorobutadiene	10.69	225	2543	0.435	ng	# 99
12) 2-Methylnaphthalene	12.05	142	7546	0.367	ng	99
16) Acenaphthylene	13.96	152	11466	0.380	ng	100
17) Acenaphthene	14.31	154	7885	0.409	ng	97
18) Fluorene	15.30	166	9531	0.399	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	3087	0.383	ng	94
21) Hexachlorobenzene	16.31	284	4121	0.430	ng	99
22) Pentachlorophenol	16.71	266	521	0.504	ng	97
23) Phenanthrene	17.05	178	15338	0.389	ng	100
24) Anthracene	17.14	178	12948	0.363	ng	100
26) Fluoranthene	19.08	202	19323	0.417	ng	100
28) Pyrene	19.45	202	20016	0.362	ng	100
30) Benzo(a)anthracene	21.22	228	17980	0.378	ng	99
31) Chrysene	21.27	228	19469	0.397	ng	100
32) Bis(2-ethylhexyl)phthalate	21.13	149	9150	0.064	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	25428	0.433	ng	98
35) Benzo(b)fluoranthene	22.79	252	20330	0.395	ng	# 96
36) Benzo(k)fluoranthene	22.84	252	23031	0.413	ng	# 96
37) Benzo(a)pyrene	23.36	252	20214	0.406	ng	# 95
38) Dibenzo(a,h)anthracene	25.69	278	20196	0.408	ng	96
39) Benzo(g,h,i)perylene	26.37	276	21177	0.416	ng	95

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 567

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

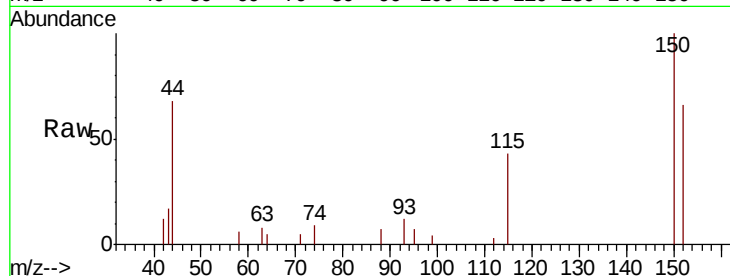
Tgt Ion: 152 Resp: 2673

Ion Ratio Lower Upper

152 100

150 151.8 120.6 181.0

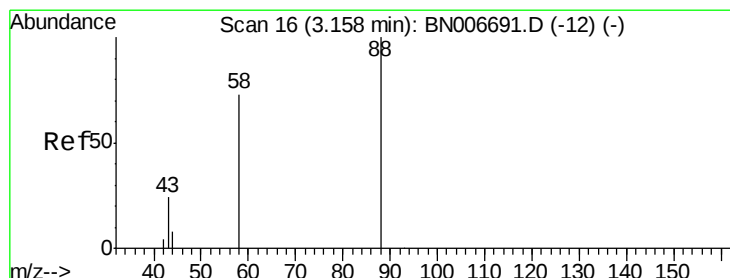
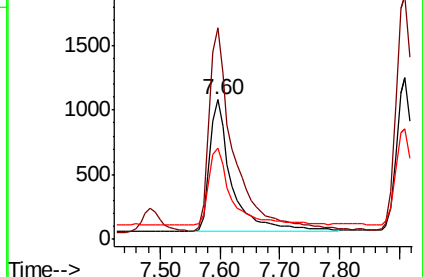
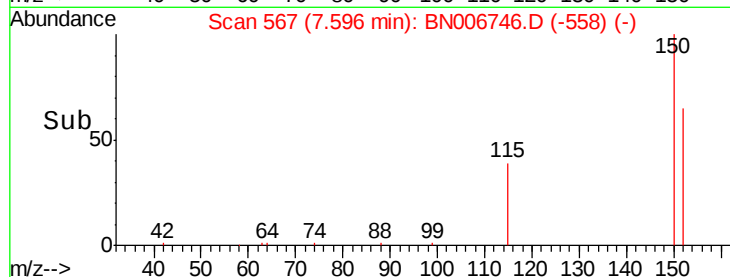
115 65.7 51.0 76.6



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: 0.447 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

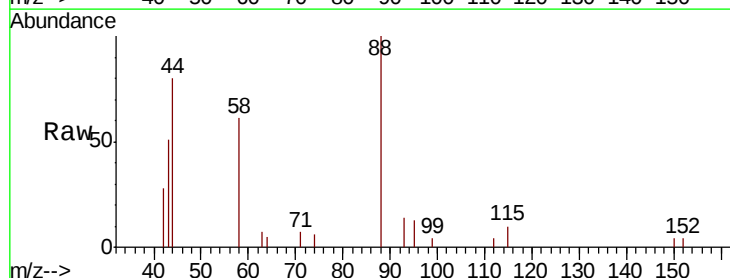
Tgt Ion: 88 Resp: 1869

Ion Ratio Lower Upper

88 100

58 78.2 61.1 91.7

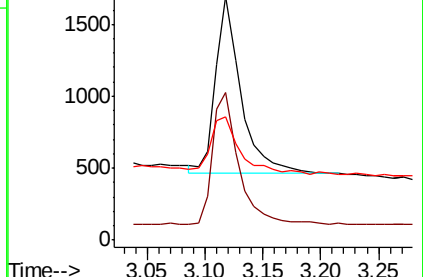
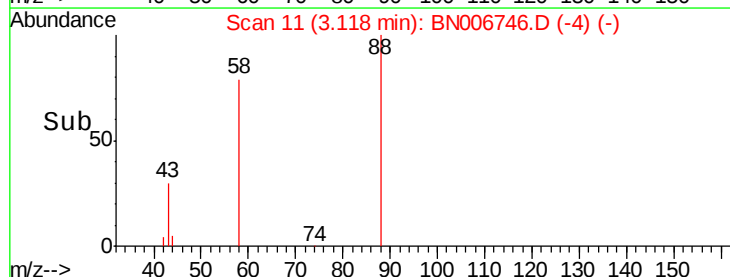
43 37.3 32.4 48.6



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.390 ng

RT: 3.47 min Scan# 55

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

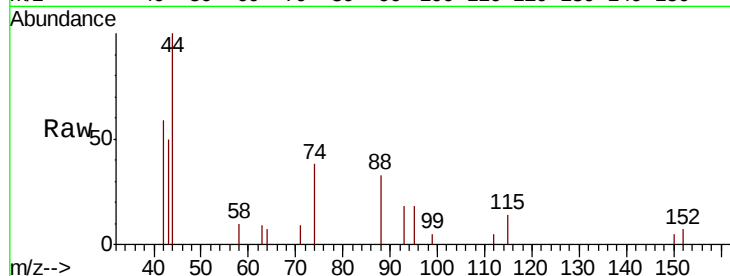
Tgt Ion: 42 Resp: 1229

Ion Ratio Lower Upper

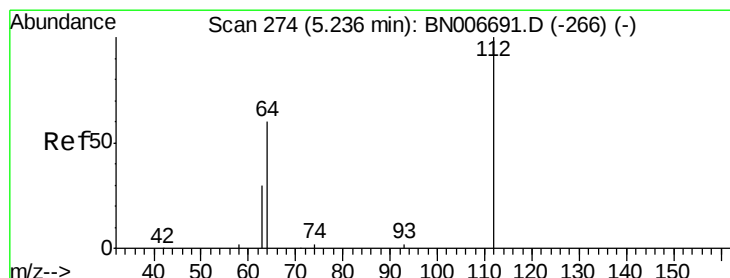
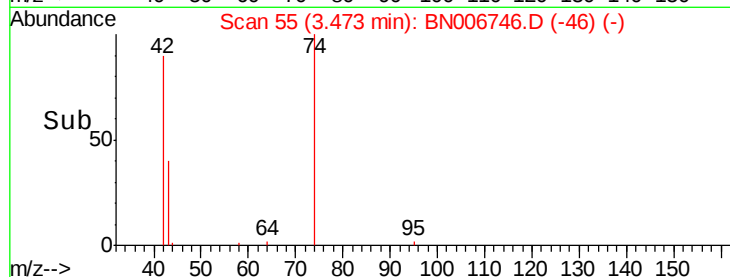
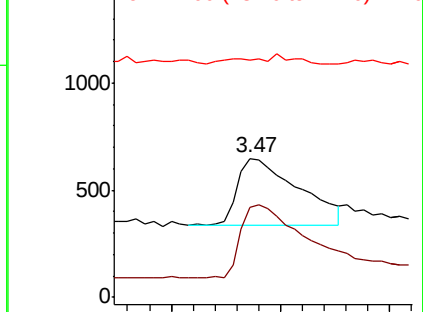
42 100

74 111.6 106.6 160.0

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: 0.347 ng

RT: 5.24 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

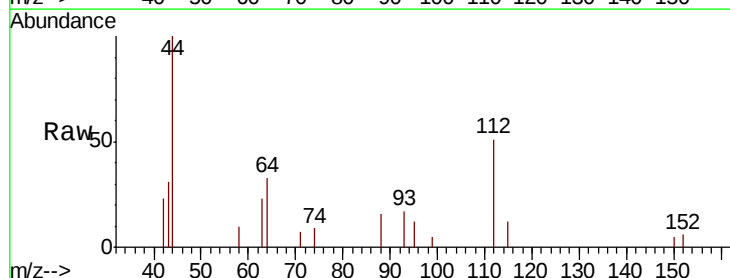
Tgt Ion: 112 Resp: 2518

Ion Ratio Lower Upper

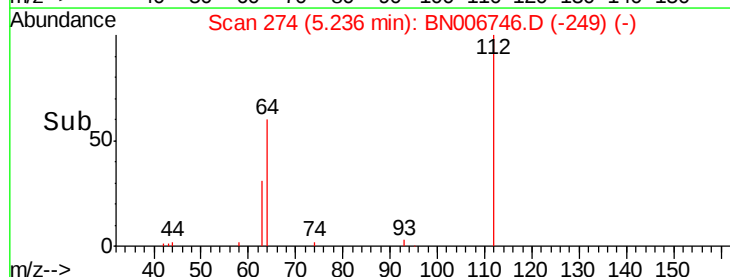
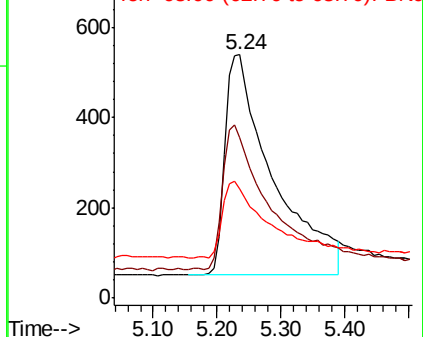
112 100

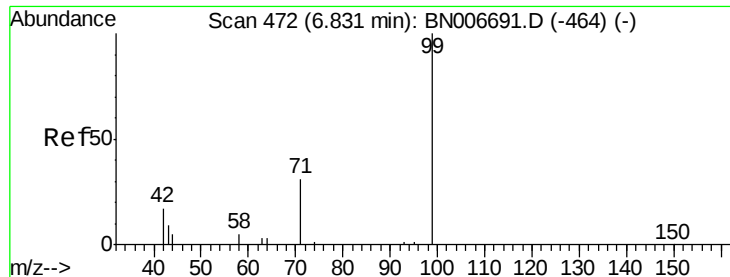
64 65.4 49.8 74.6

63 34.8 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: 0.358 ng

RT: 6.81 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

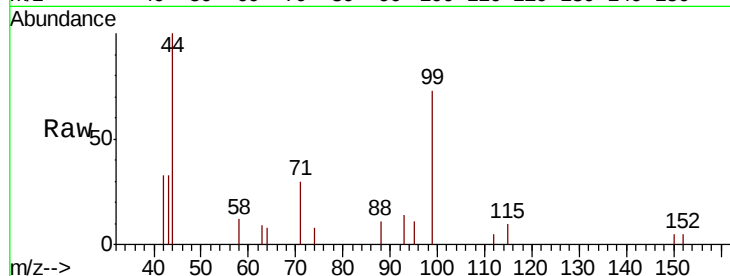
Tgt Ion: 99 Resp: 3294

Ion Ratio Lower Upper

99 100

42 22.7 16.6 25.0

71 36.3 26.0 39.0

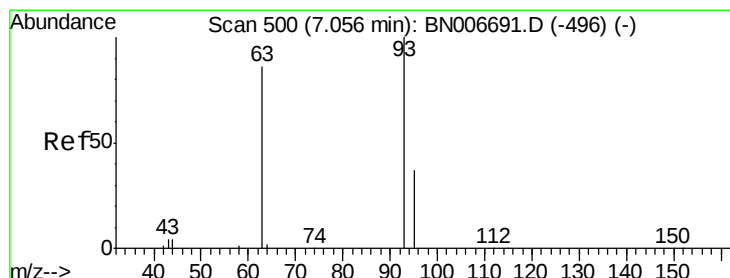
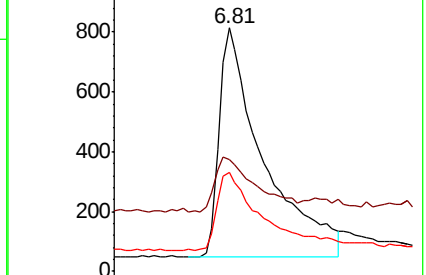
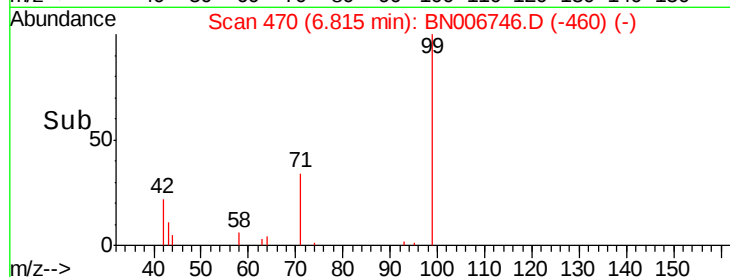


Abundance Ion 99.00 (98.70 to 99.70): BN006746.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006746.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006746.D (-460) (-)

6.81



#6

bis(2-Chloroethyl)ether

Concen: 0.435 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

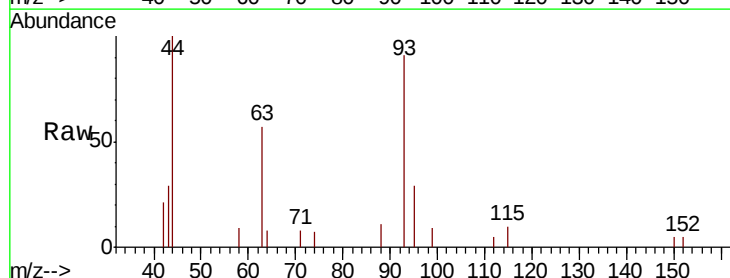
Tgt Ion: 93 Resp: 3378

Ion Ratio Lower Upper

93 100

63 59.5 58.6 87.8

95 28.0 28.3 42.5#

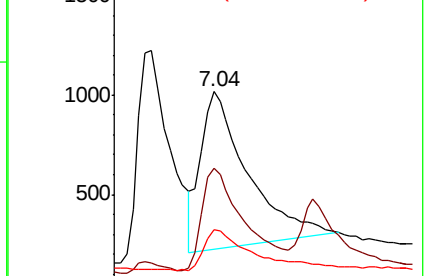
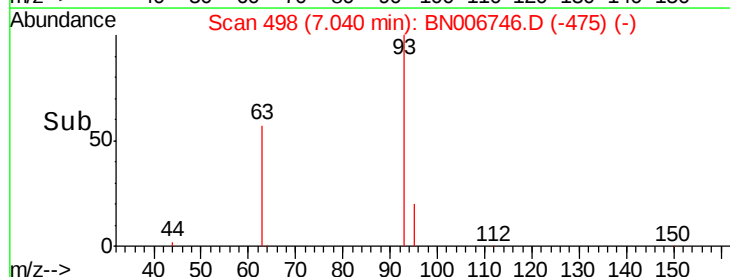


Abundance Ion 93.00 (92.70 to 93.70): BN006746.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006746.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006746.D (-475) (-)

7.04





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 10568

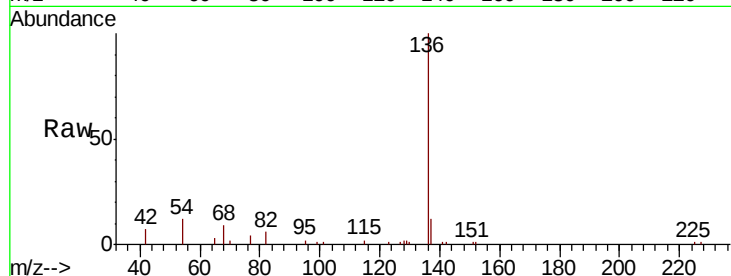
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 12.1 8.4 12.6

68 9.2 6.8 10.2

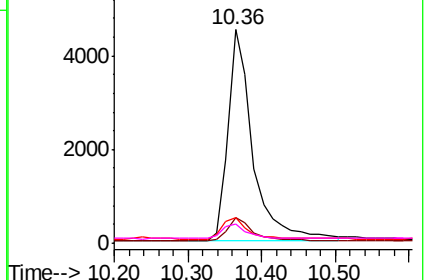
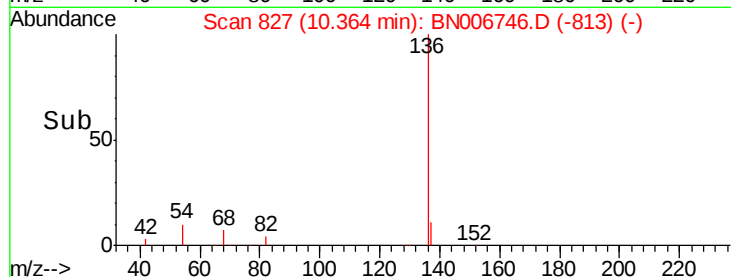


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

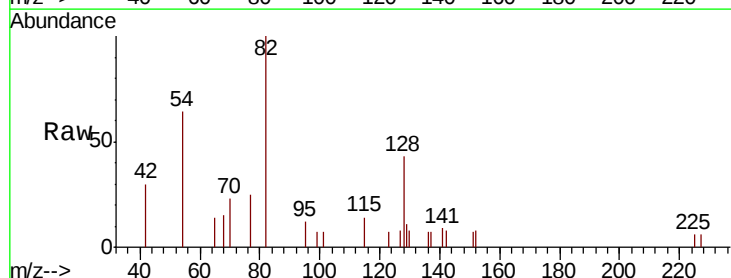
Tgt Ion: 82 Resp: 2849

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

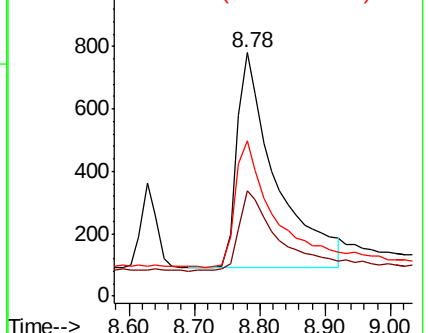
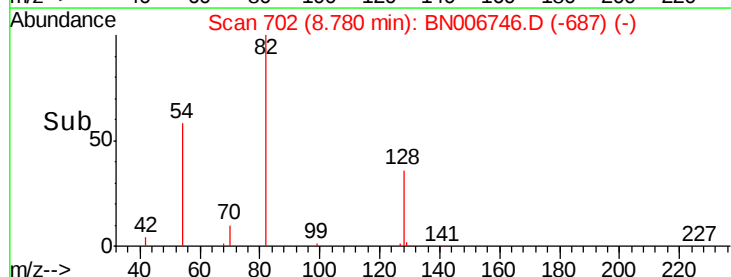
54 64.0 44.5 66.7



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: 0.412 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

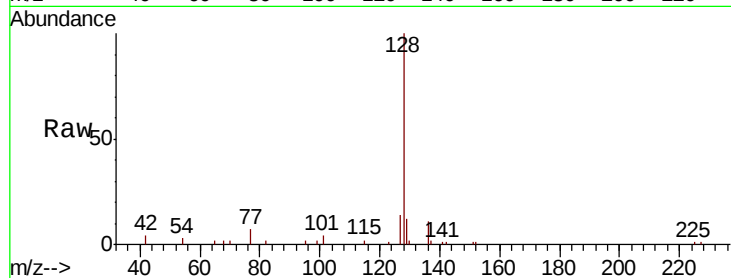
Tgt Ion:128 Resp: 11896

Ion Ratio Lower Upper

128 100

129 12.2 9.6 14.4

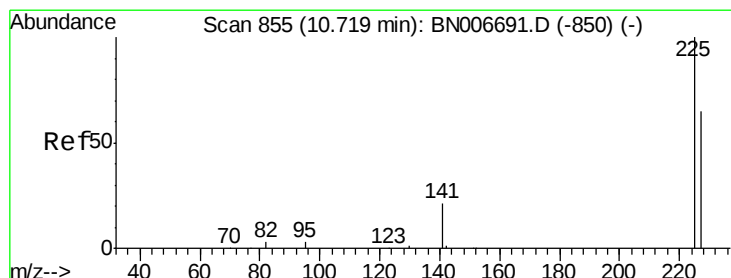
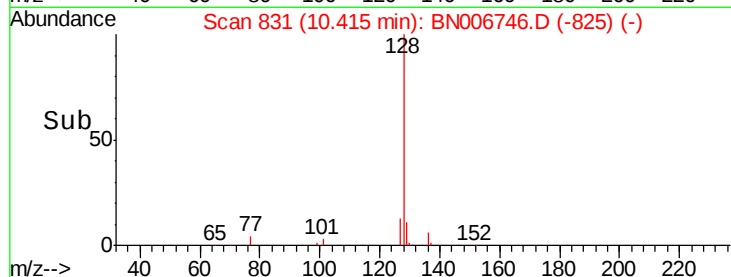
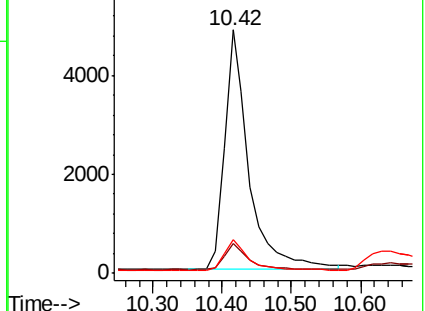
127 14.0 11.0 16.4



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: 0.435 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

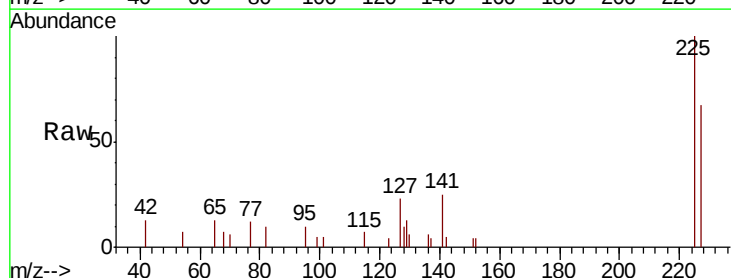
Tgt Ion:225 Resp: 2543

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

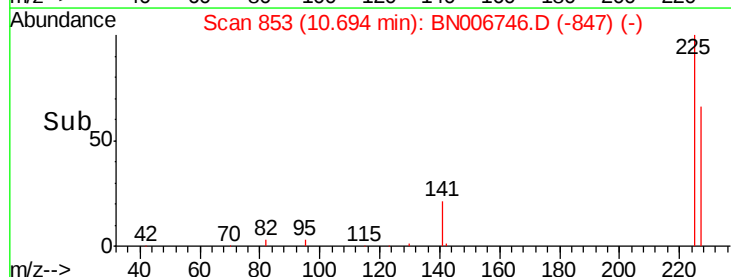
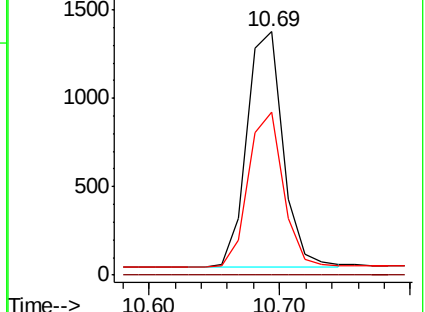
227 64.1 50.9 76.3

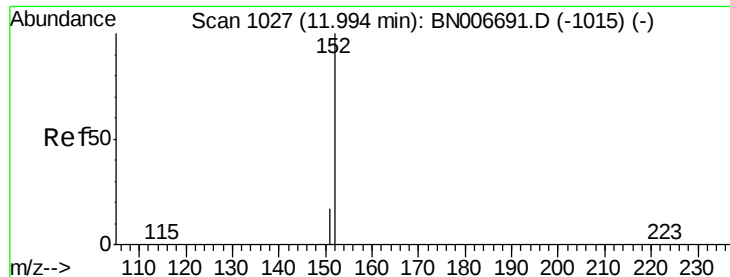


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

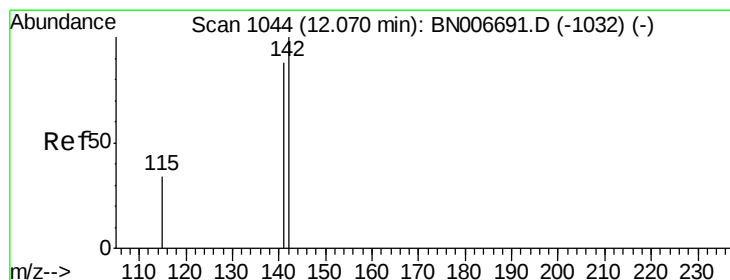
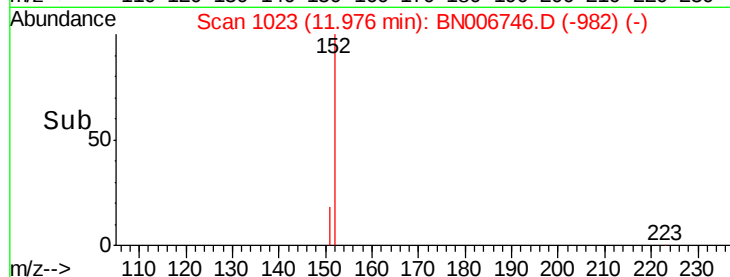
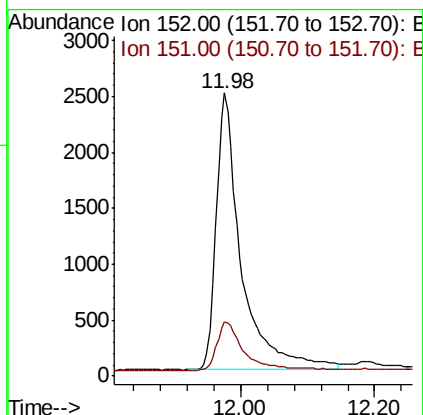
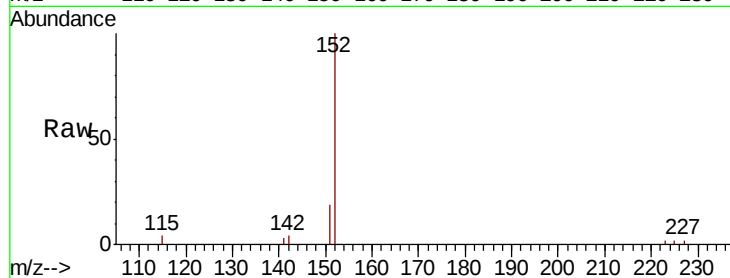




#11
 2-Methylnaphthalene-d10
 Concen: 0.407 ng
 RT: 11.98 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BN006746.D
 Acq: 06 Jul 2019 09:21

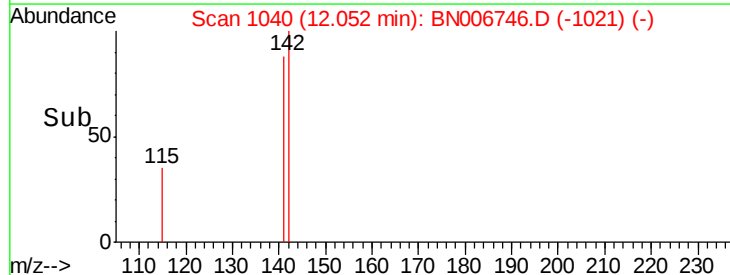
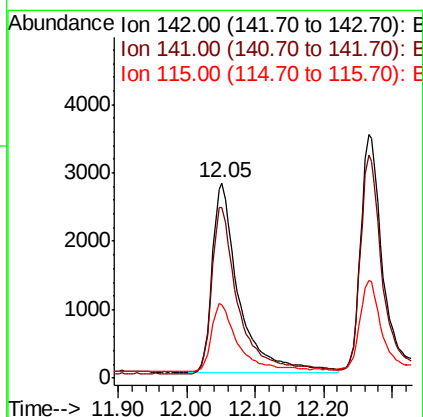
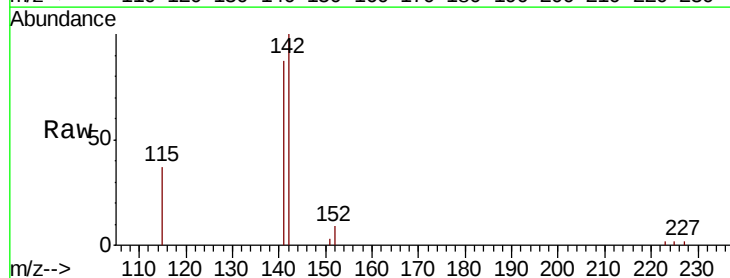
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:152 Resp: 6458
 Ion Ratio Lower Upper
 152 100
 151 17.7 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.367 ng
 RT: 12.05 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BN006746.D
 Acq: 06 Jul 2019 09:21

Tgt Ion:142 Resp: 7546
 Ion Ratio Lower Upper
 142 100
 141 87.4 70.3 105.5
 115 37.5 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: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

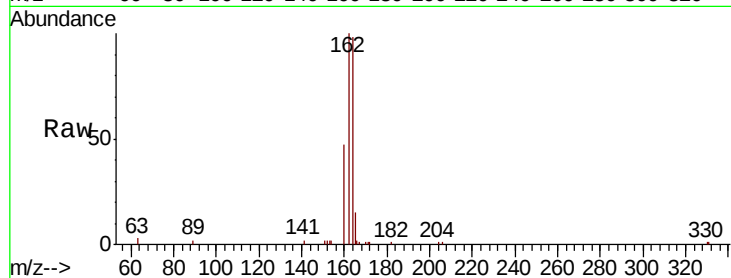
Tgt Ion:164 Resp: 6060

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

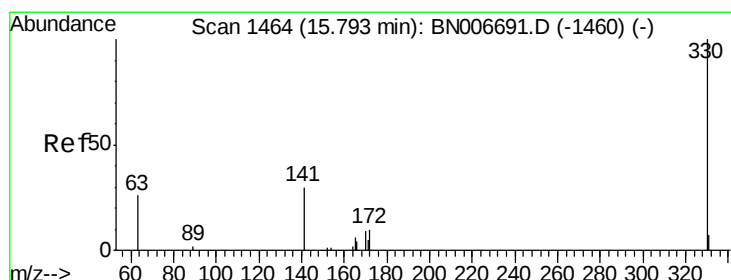
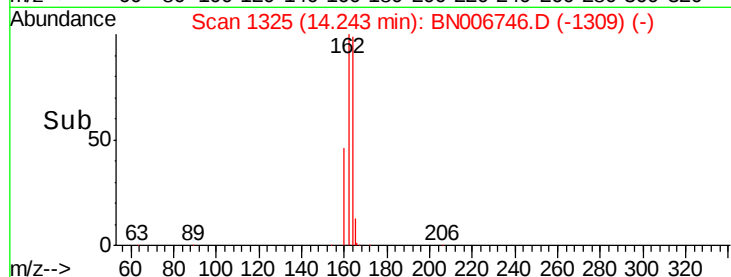
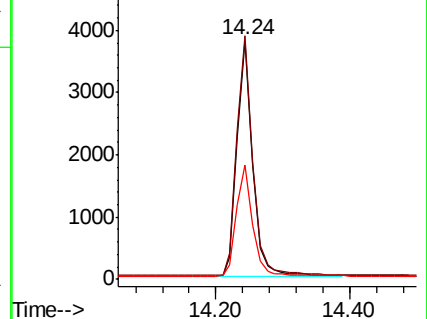
160 47.7 37.0 55.6



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: 0.367 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

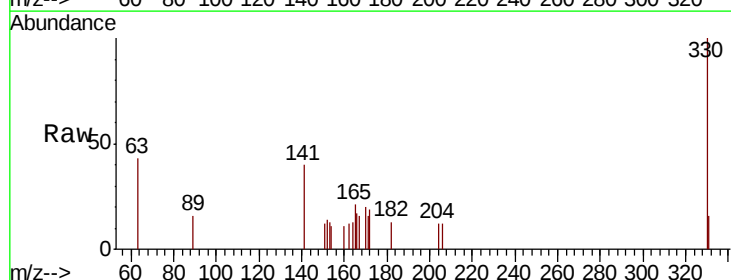
Tgt Ion:330 Resp: 1093

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

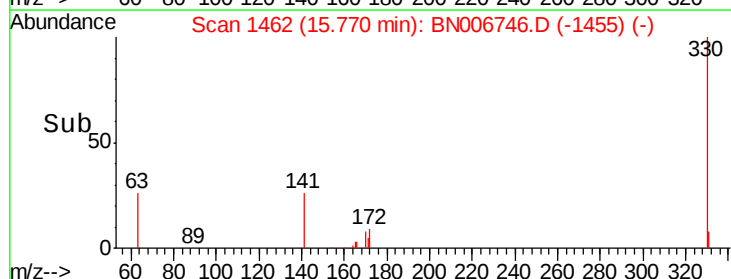
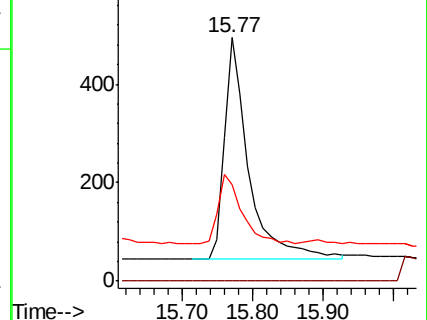
141 31.3 24.8 37.2



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

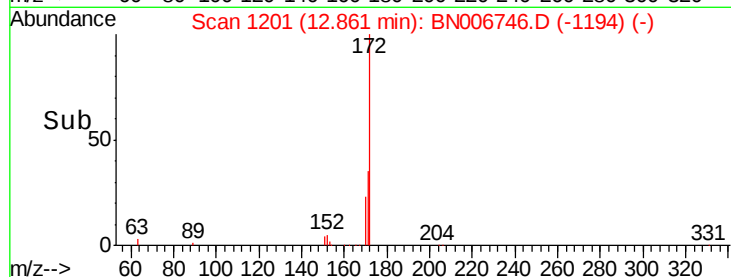
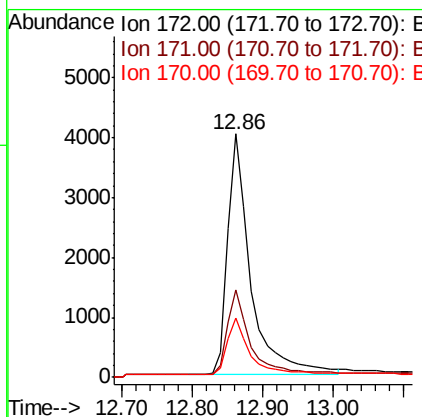
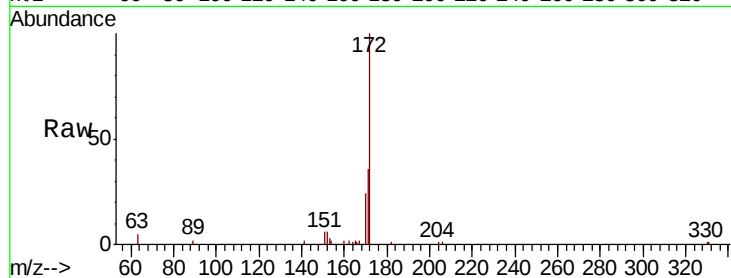




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006746.D
Acq: 06 Jul 2019 09:21

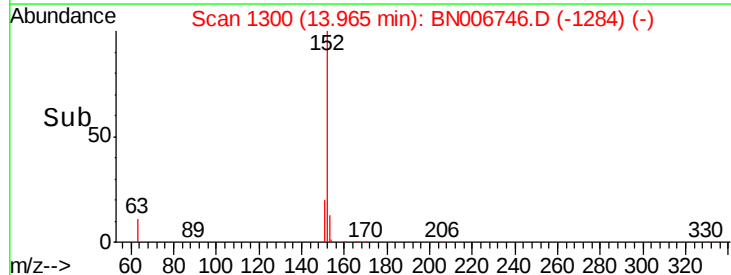
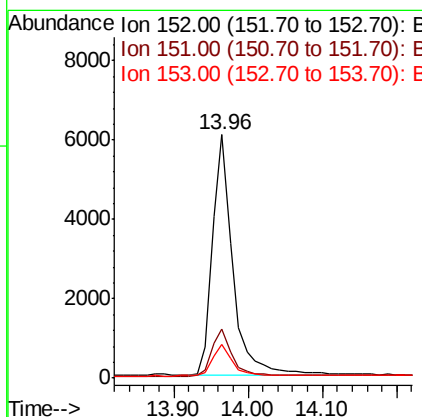
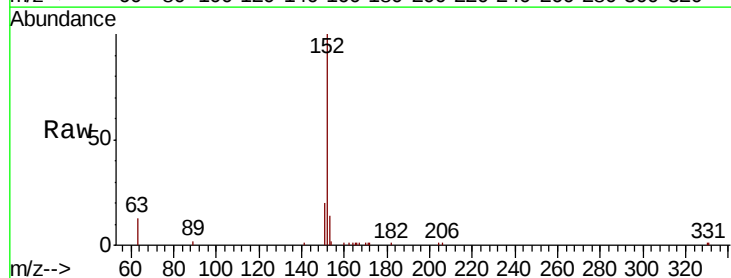
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9250
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 24.2 18.9 28.3



#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006746.D
Acq: 06 Jul 2019 09:21

Tgt Ion:152 Resp: 11466
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

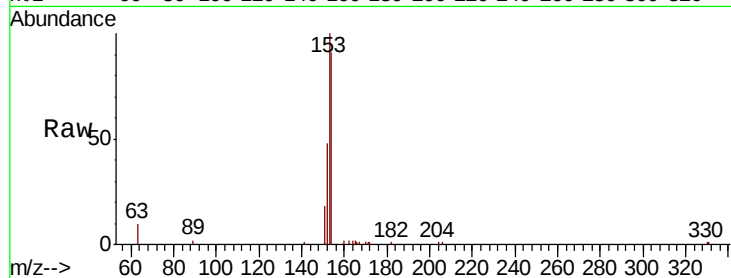
Tgt Ion:154 Resp: 7885

Ion Ratio Lower Upper

154 100

153 114.1 88.9 133.3

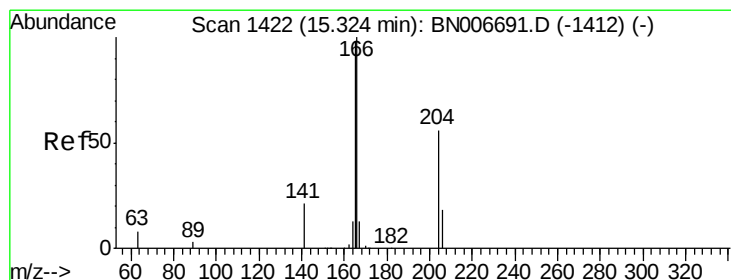
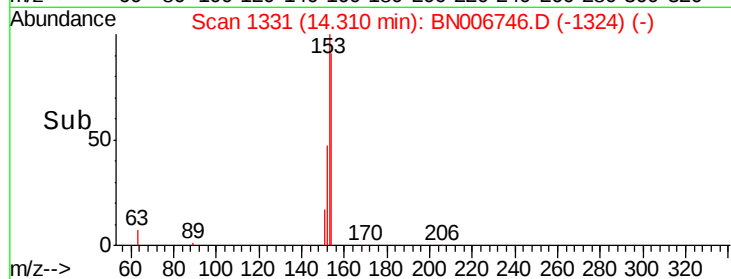
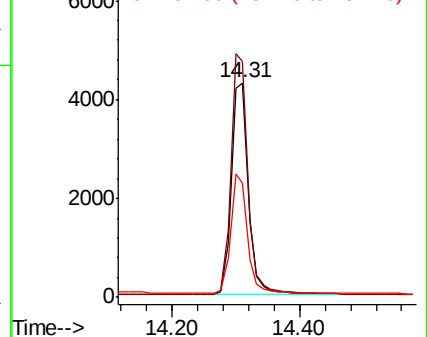
152 55.2 42.8 64.2



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: 0.399 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

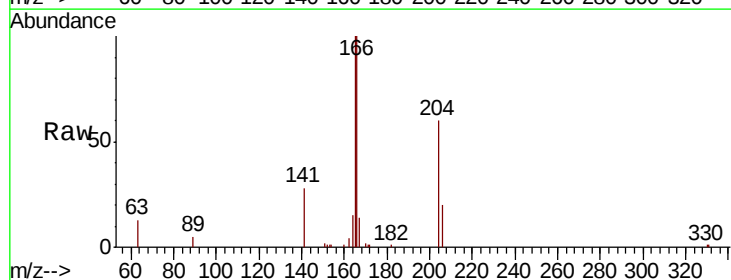
Tgt Ion:166 Resp: 9531

Ion Ratio Lower Upper

166 100

165 97.9 78.0 117.0

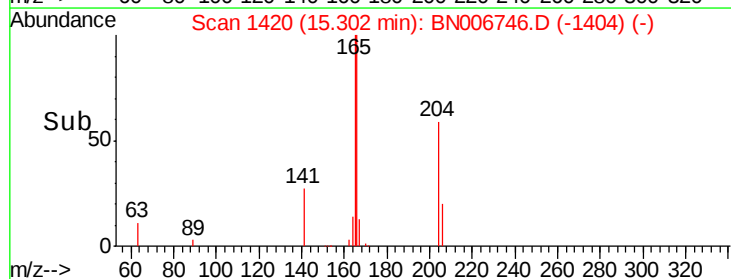
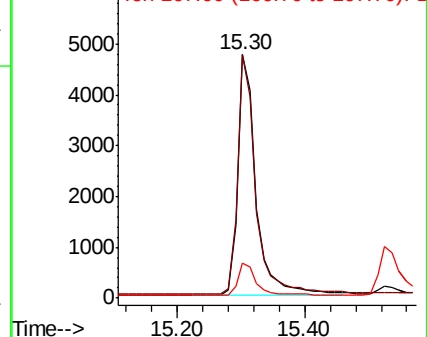
167 13.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

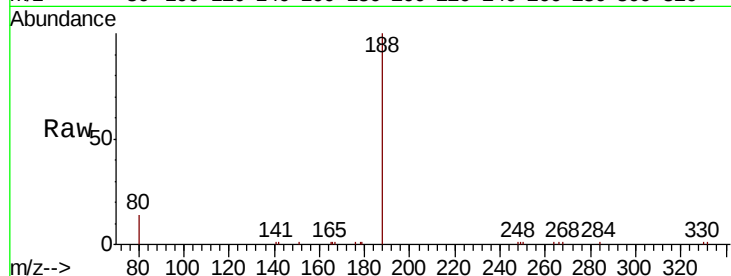
Tgt Ion:188 Resp: 13679

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

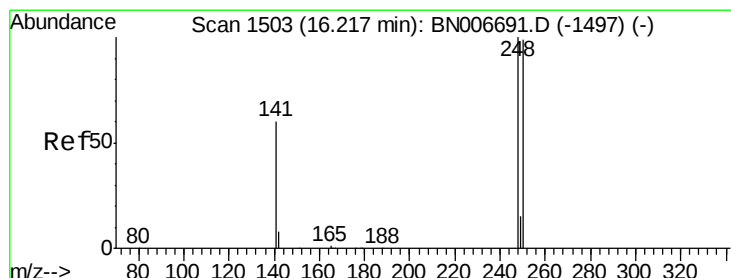
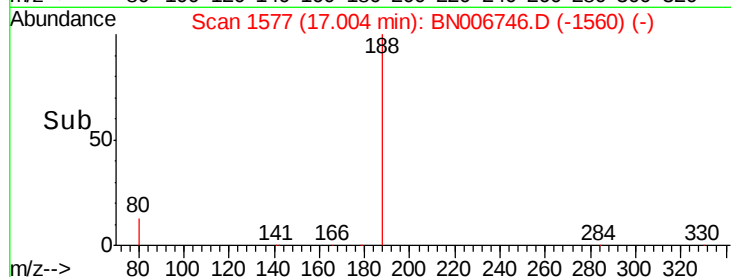
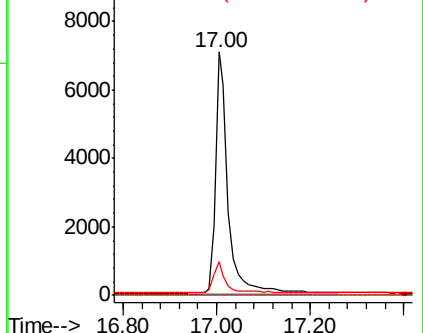
80 13.8 10.3 15.5



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: 0.383 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

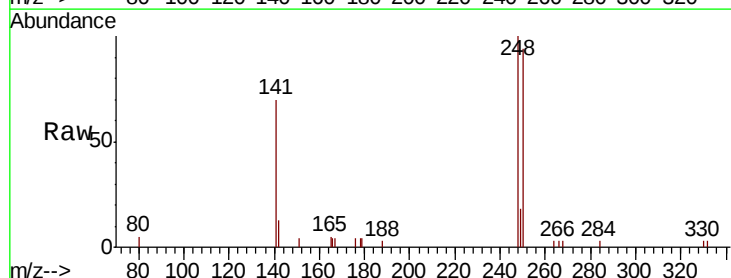
Tgt Ion:248 Resp: 3087

Ion Ratio Lower Upper

248 100

250 94.2 79.0 118.6

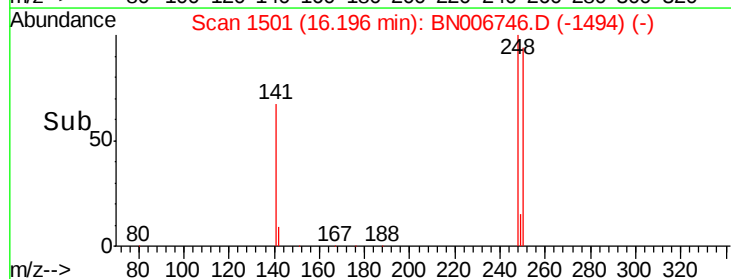
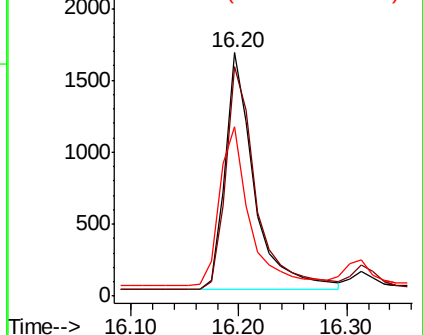
141 69.5 50.2 75.4

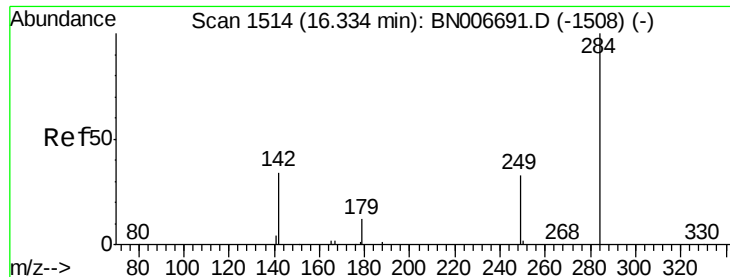


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.430 ng

RT: 16.31 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

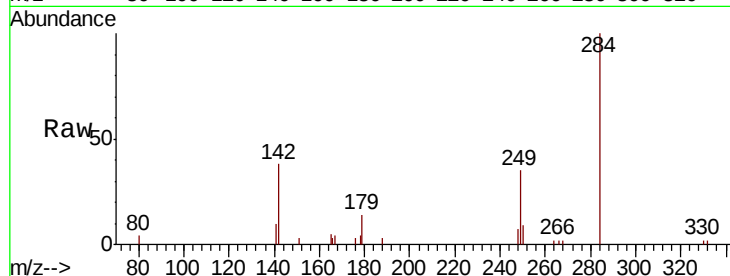
Tgt Ion:284 Resp: 4121

Ion Ratio Lower Upper

284 100

142 32.8 26.9 40.3

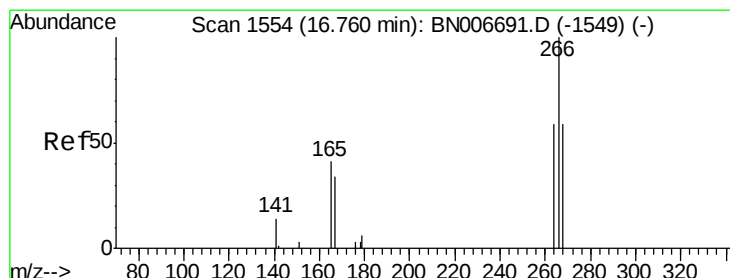
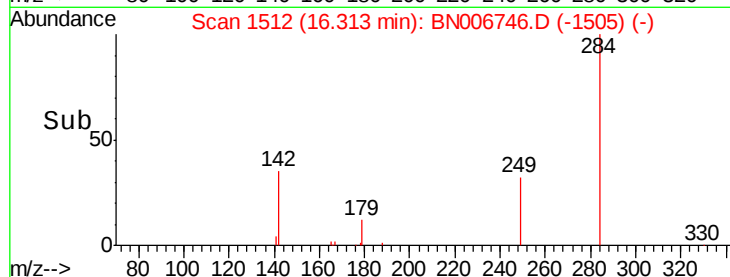
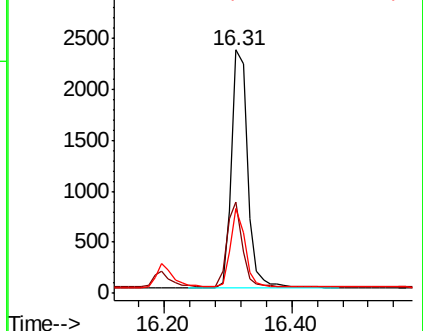
249 30.0 24.4 36.6



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: 0.504 ng

RT: 16.71 min Scan# 1549

Delta R.T. -0.05 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

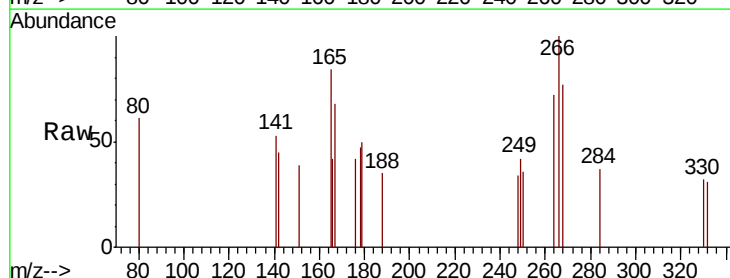
Tgt Ion:266 Resp: 521

Ion Ratio Lower Upper

266 100

264 71.9 57.6 86.4

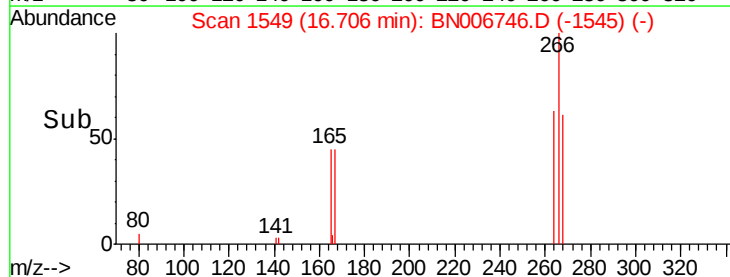
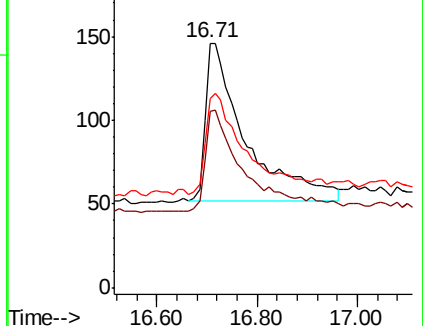
268 77.4 66.6 99.8



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: 0.389 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

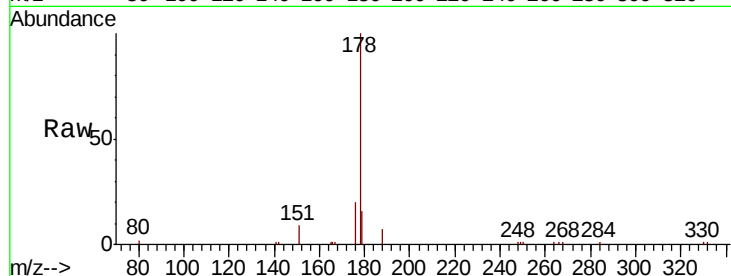
Tgt Ion:178 Resp: 15338

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

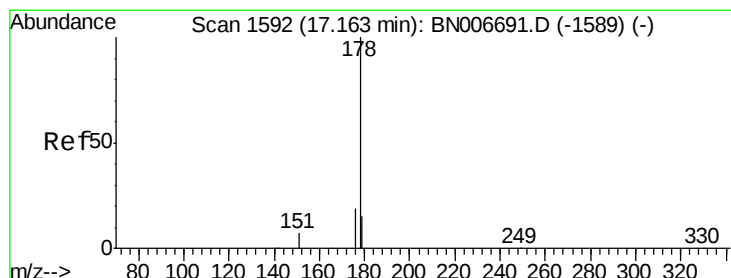
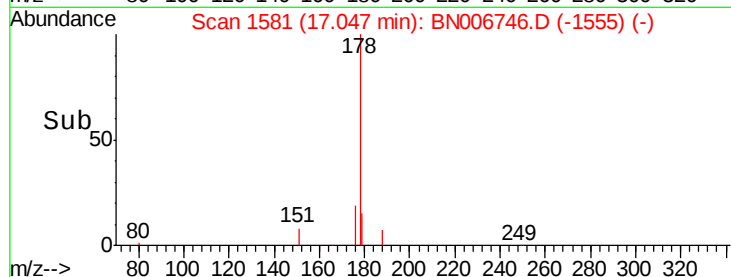
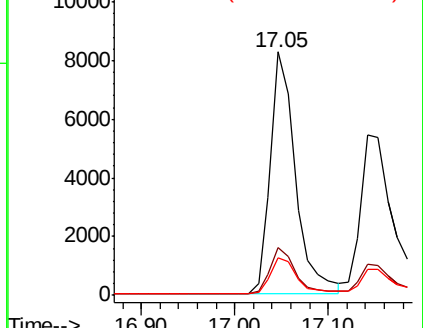
179 15.3 12.4 18.6



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: 0.363 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

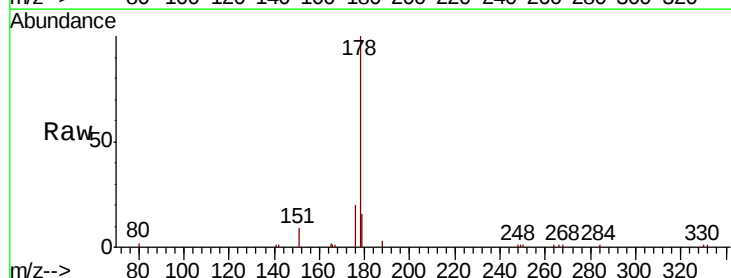
Tgt Ion:178 Resp: 12948

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

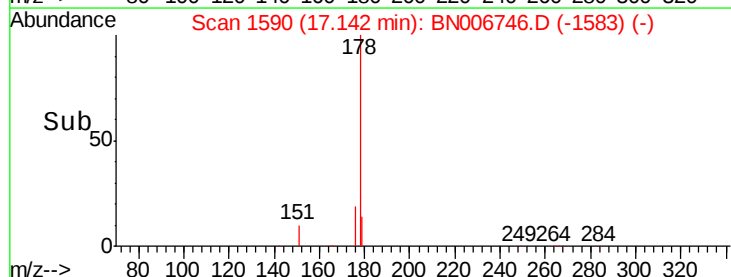
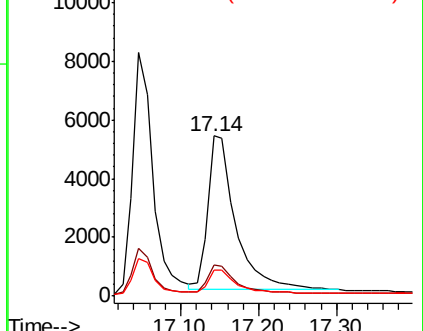
179 14.9 11.9 17.9

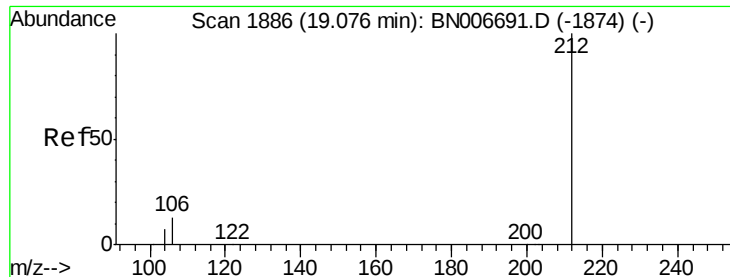


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

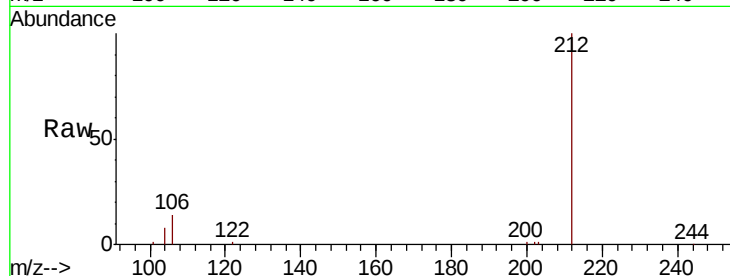
Tgt Ion:212 Resp: 16614

Ion Ratio Lower Upper

212 100

106 13.4 11.0 16.6

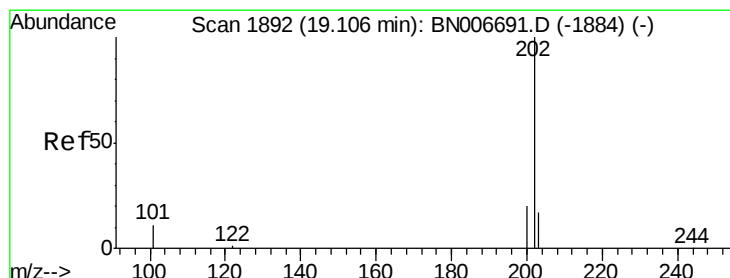
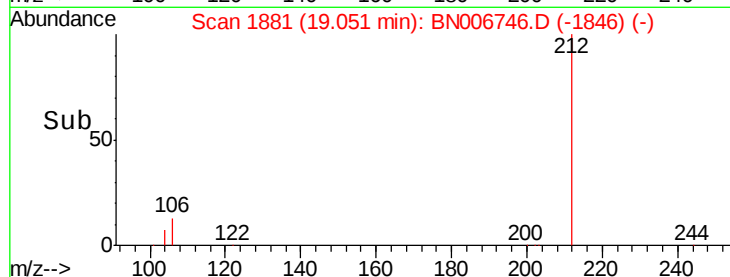
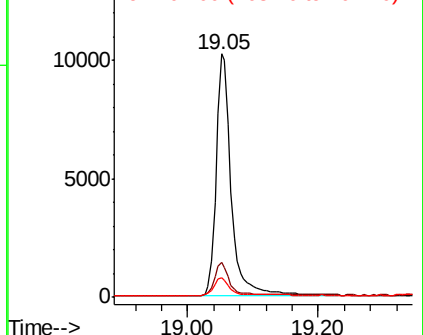
104 7.0 6.1 9.1



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: 0.417 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

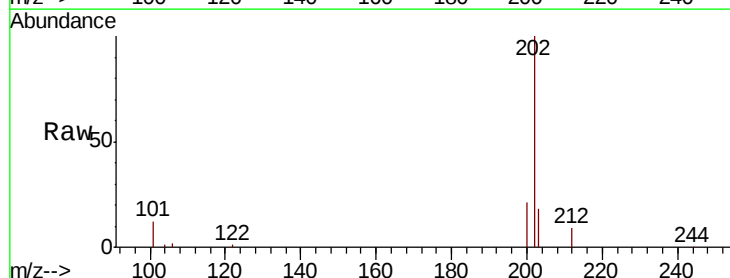
Tgt Ion:202 Resp: 19323

Ion Ratio Lower Upper

202 100

101 11.1 8.7 13.1

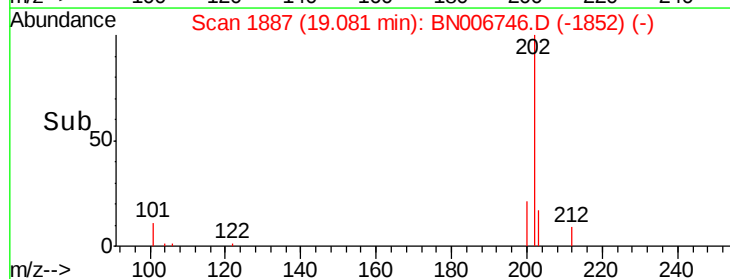
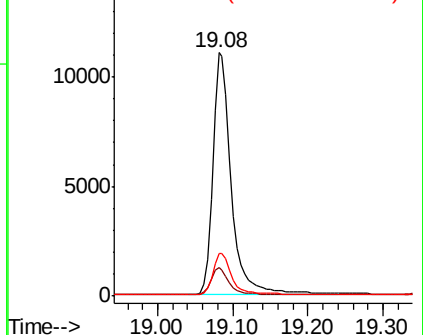
203 17.2 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

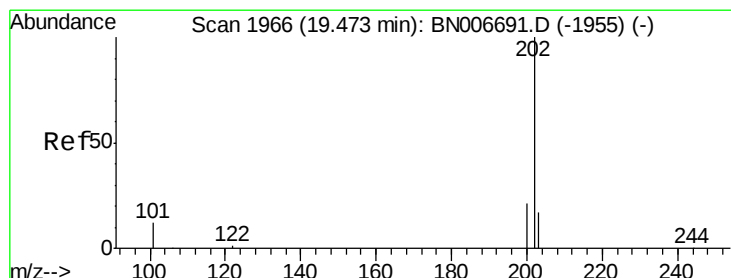
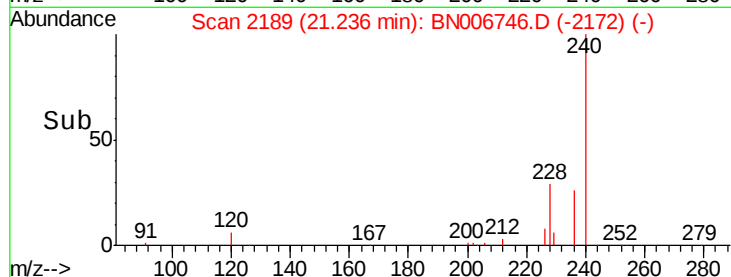
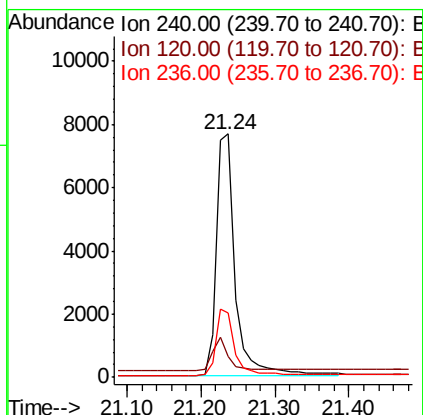
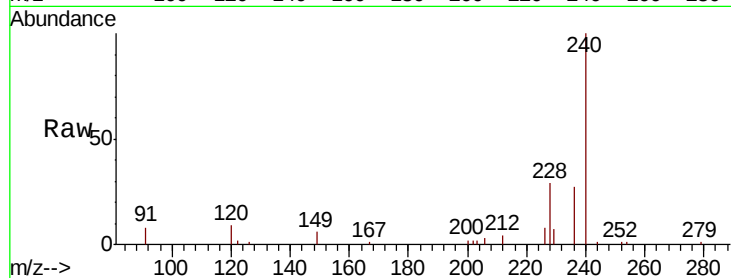




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006746.D
Acq: 06 Jul 2019 09:21

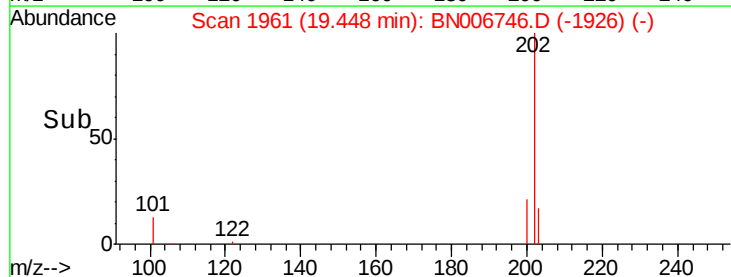
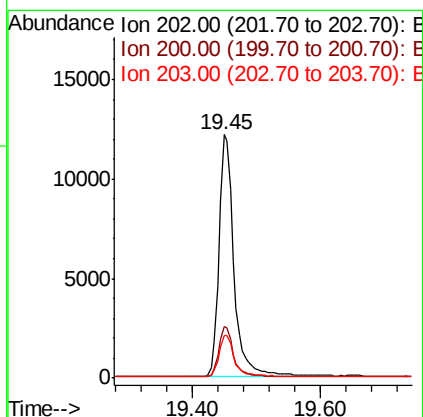
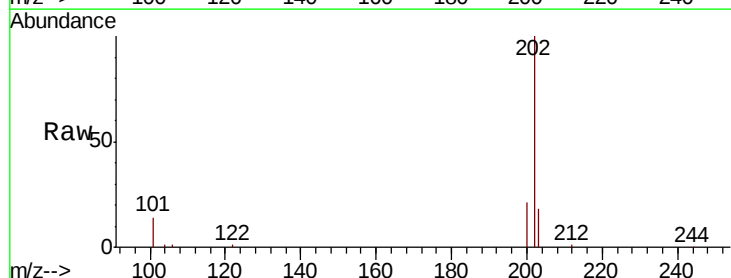
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 13805
Ion Ratio Lower Upper
240 100
120 8.6 12.9 19.3#
236 26.5 23.2 34.8



#28
Pyrene
Concen: 0.362 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BN006746.D
Acq: 06 Jul 2019 09:21

Tgt Ion:202 Resp: 20016
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

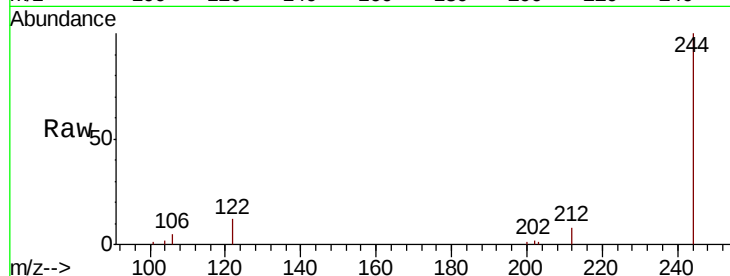
Tgt Ion:244 Resp: 12520

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

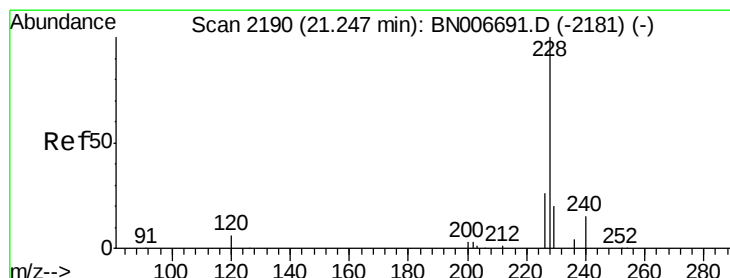
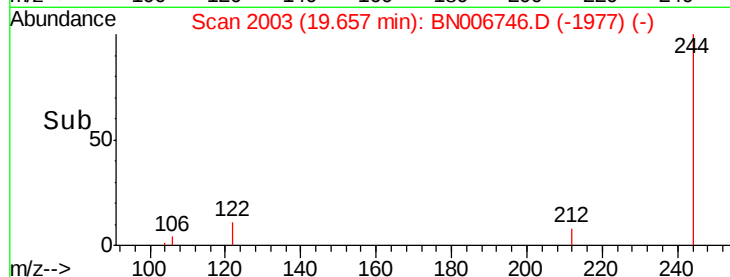
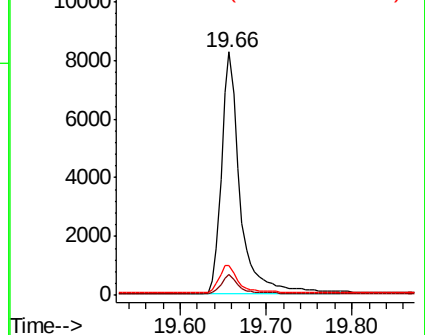
122 12.2 11.5 17.3



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: 0.378 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

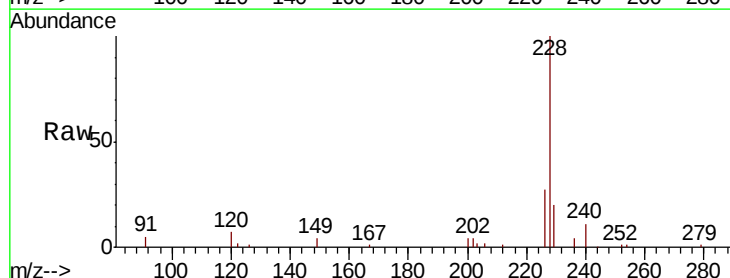
Tgt Ion:228 Resp: 17980

Ion Ratio Lower Upper

228 100

226 27.5 21.5 32.3

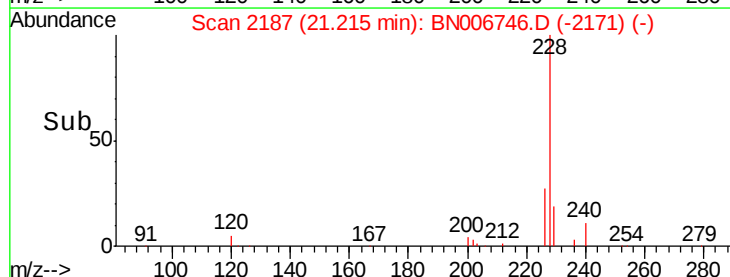
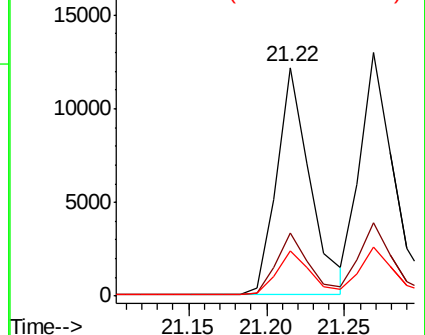
229 20.0 16.2 24.4



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: 0.397 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

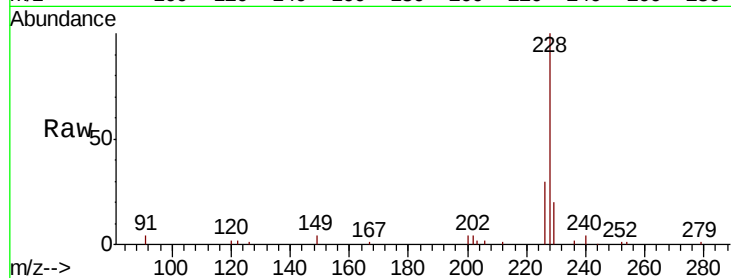
Tgt Ion:228 Resp: 19469

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

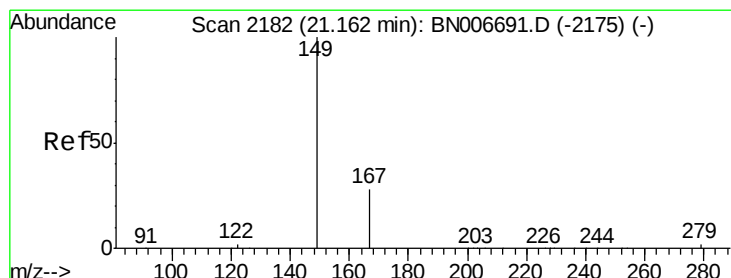
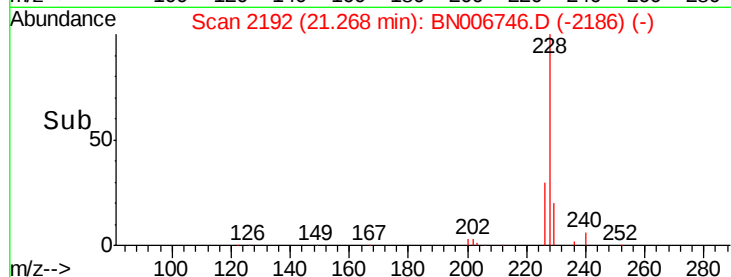
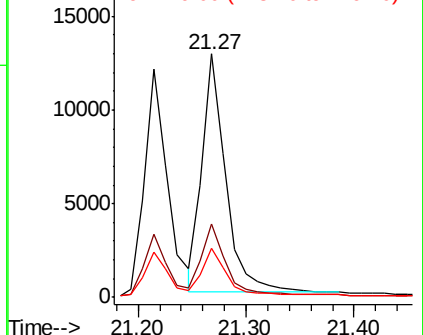
229 20.0 15.8 23.6



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: 0.064 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

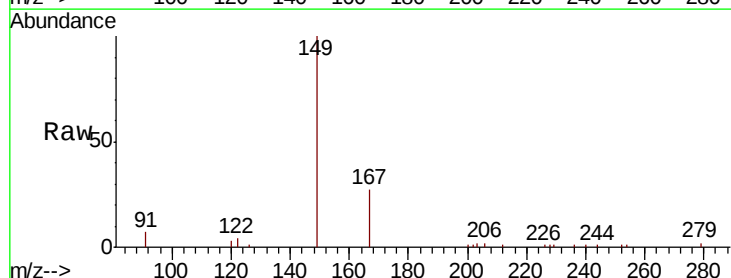
Tgt Ion:149 Resp: 9150

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

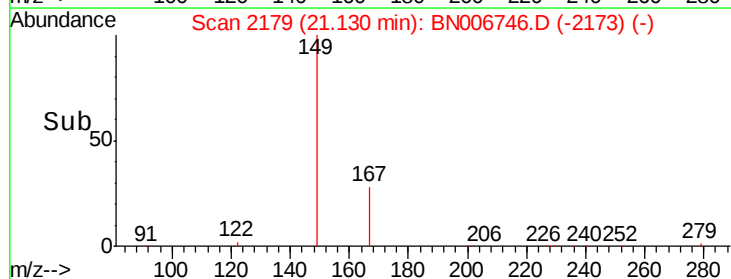
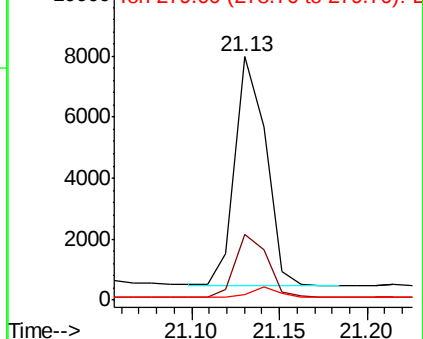
279 4.4 3.2 4.8



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: 0.433 ng

RT: 25.68 min Scan# 3257

Delta R.T. -0.06 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

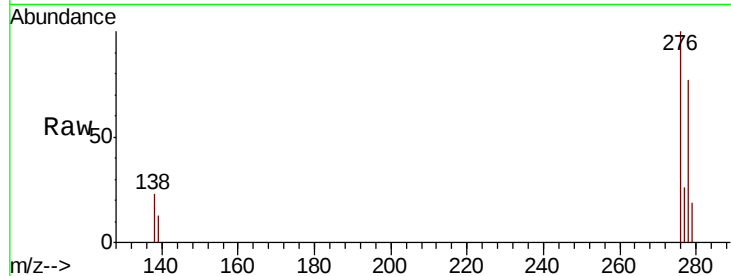
Tgt Ion:276 Resp: 25428

Ion Ratio Lower Upper

276 100

138 22.2 19.5 29.3

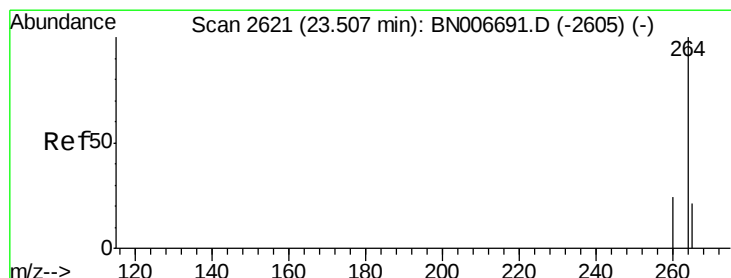
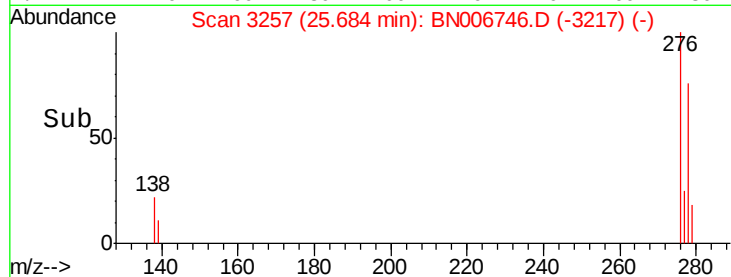
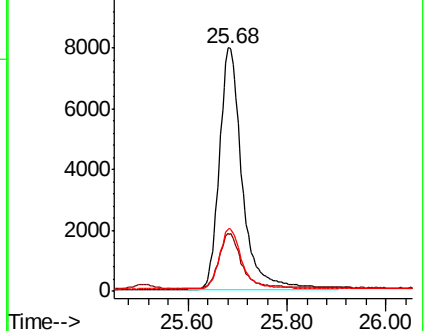
277 24.7 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2607

Delta R.T. -0.05 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

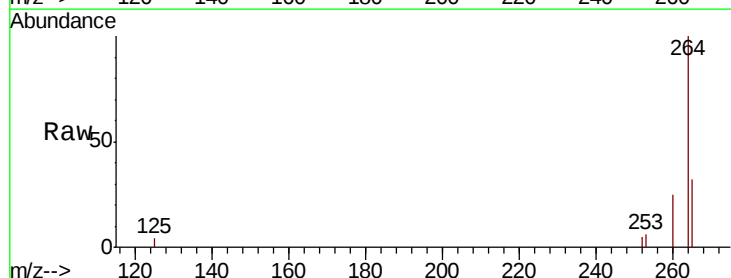
Tgt Ion:264 Resp: 16022

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

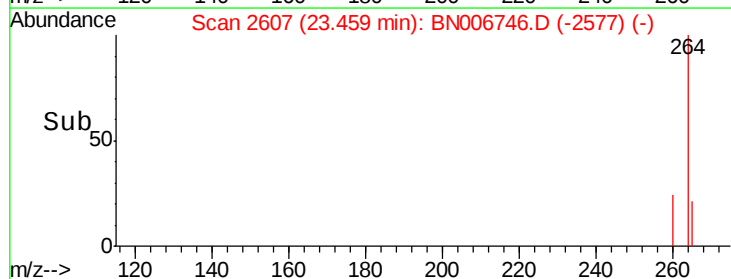
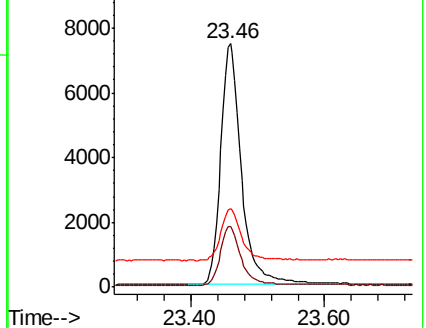
265 32.2 33.7 50.5#



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: 0.395 ng

RT: 22.79 min Scan# 2413

Delta R.T. -0.04 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

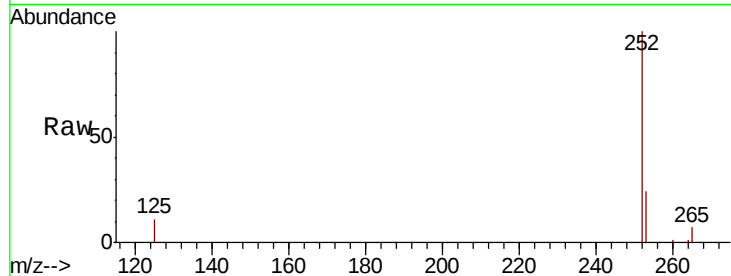
Tgt Ion:252 Resp: 20330

Ion Ratio Lower Upper

252 100

253 24.0 20.2 30.2

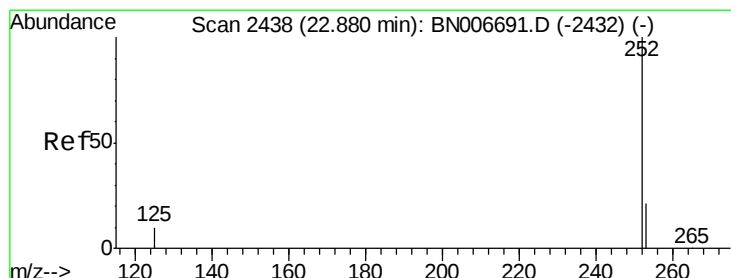
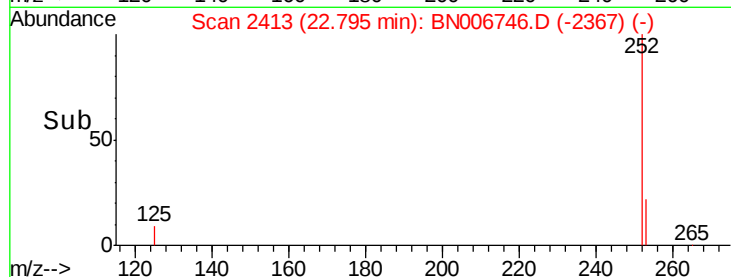
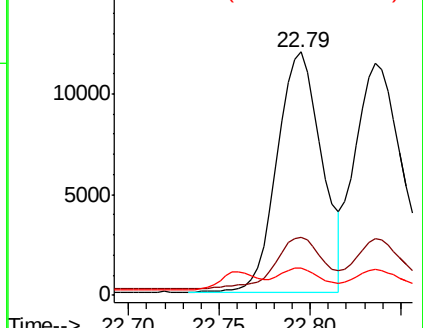
125 11.1 11.5 17.3#



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: 0.413 ng

RT: 22.84 min Scan# 2425

Delta R.T. -0.04 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

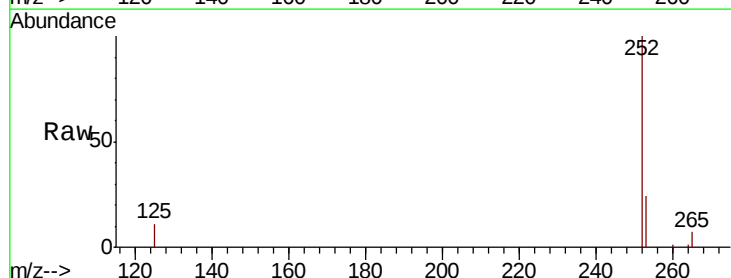
Tgt Ion:252 Resp: 23031

Ion Ratio Lower Upper

252 100

253 24.2 20.1 30.1

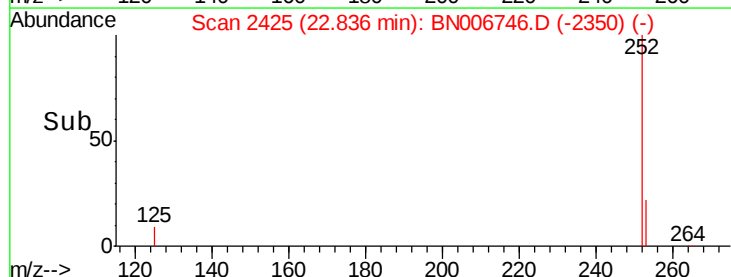
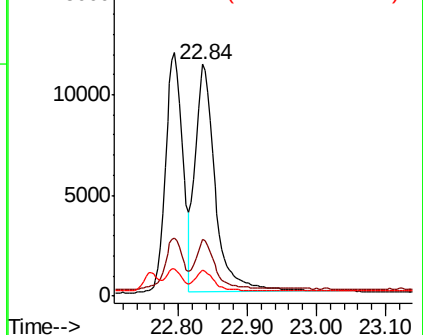
125 11.1 11.4 17.0#



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: 0.406 ng

RT: 23.36 min Scan# 2579

Delta R.T. -0.05 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

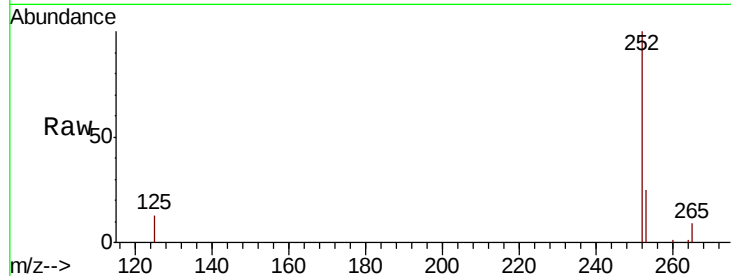
Tgt Ion:252 Resp: 20214

Ion Ratio Lower Upper

252 100

253 25.3 21.4 32.2

125 12.7 13.3 19.9#

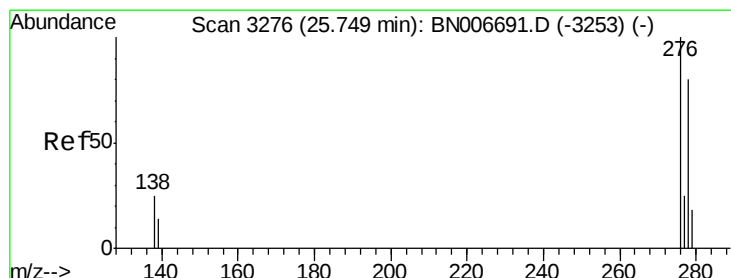
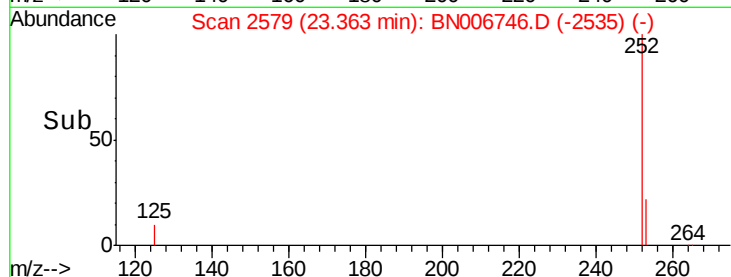
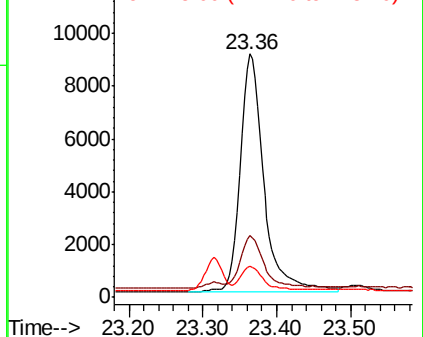


Abundance

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: 0.408 ng

RT: 25.69 min Scan# 3258

Delta R.T. -0.06 min

Lab File: BN006746.D

Acq: 06 Jul 2019 09:21

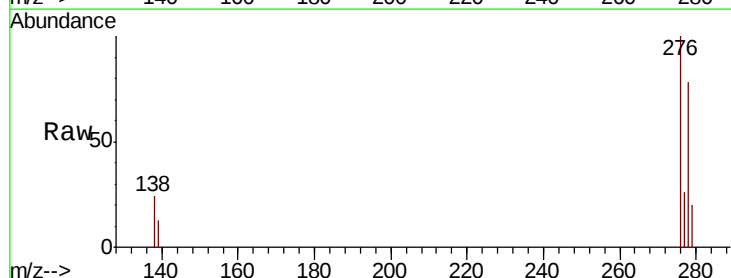
Tgt Ion:278 Resp: 20196

Ion Ratio Lower Upper

278 100

139 16.9 16.2 24.4

279 25.1 20.7 31.1

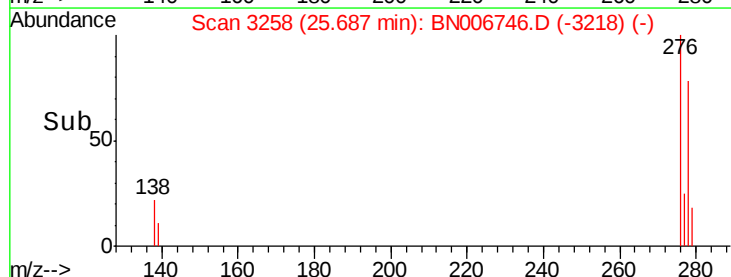
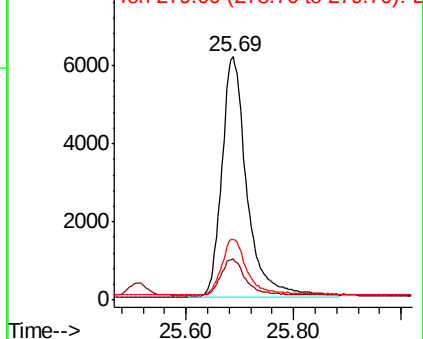


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.416 ng

RT: 26.37 min Scan# 3457

Delta R.T. -0.06 min

Lab File: BN006746.D

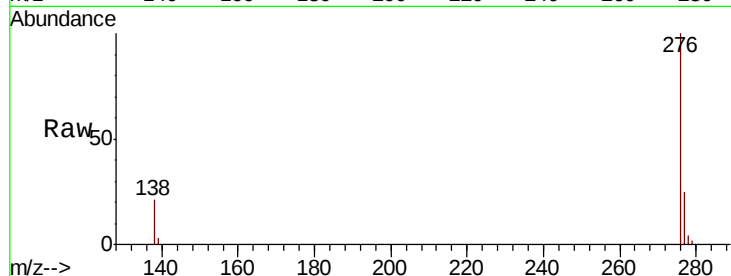
Acq: 06 Jul 2019 09:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:276 Resp: 21177

Ion Ratio Lower Upper

276 100

277 24.8 20.6 30.8

138 20.9 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

