

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010631.D
 Acq On : 28 Apr 2020 19:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 28 19:54:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4348	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	18482	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11863	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	26385	0.40	ng	0.00
27) Chrysene-d12	21.17	240	22286	0.40	ng	0.00
34) Perylene-d12	23.33	264	20951	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	4032	0.42	ng	0.00
5) Phenol-d6	6.78	99	5243	0.42	ng	0.00
8) Nitrobenzene-d5	8.72	82	5222	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	14056	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1919	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	17079	0.40	ng	0.00
25) Fluoranthene-d10	19.00	212	34351	0.43	ng	0.00
29) Terphenyl-d14	19.61	244	23118	0.45	ng	0.00

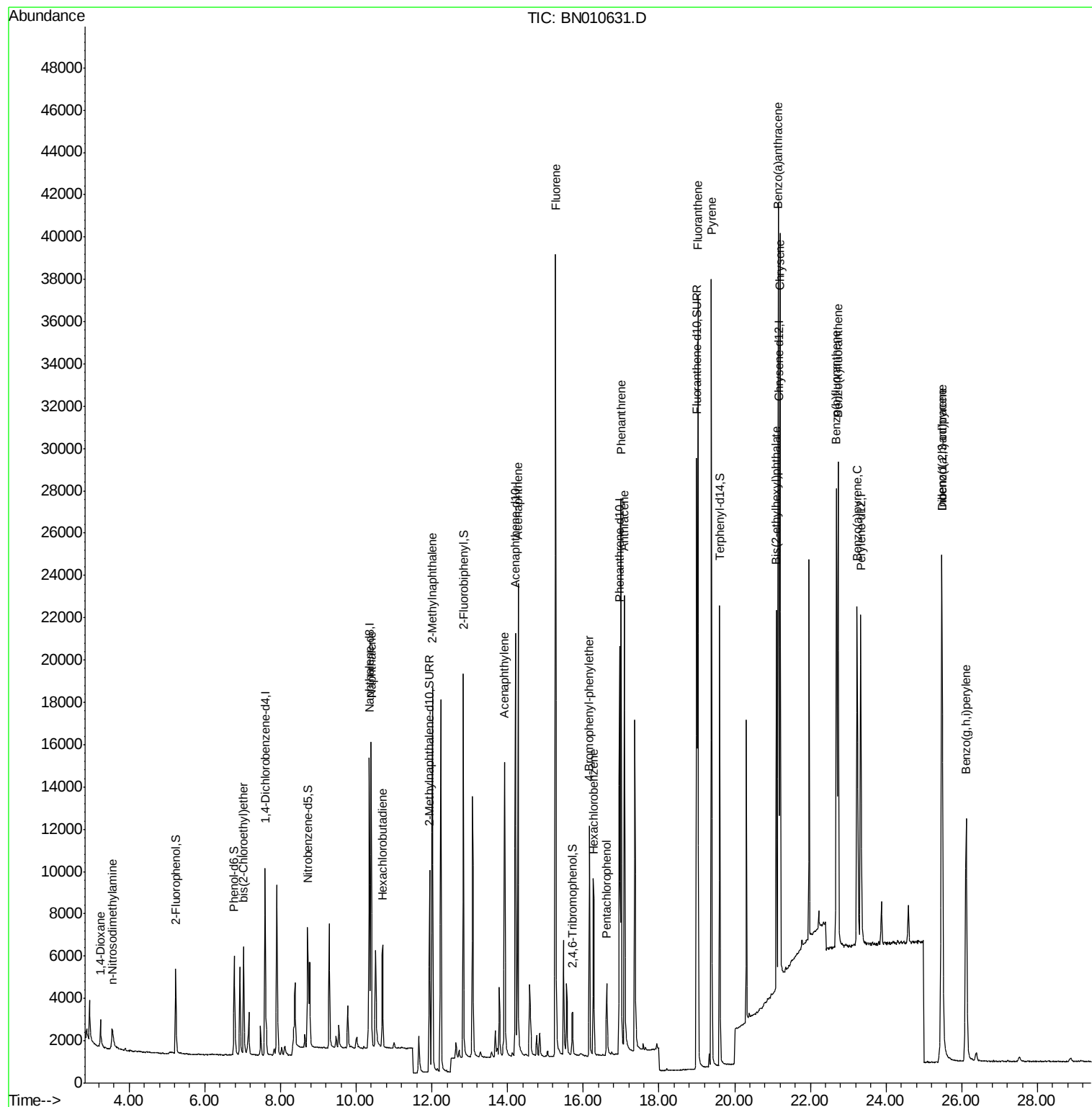
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	1307	0.408	ng	98
3) n-Nitrosodimethylamine	3.55	42	917	0.442	ng	# 79
6) bis(2-Chloroethyl)ether	7.03	93	4560	0.423	ng	99
9) Naphthalene	10.39	128	18713	0.408	ng	100
10) Hexachlorobutadiene	10.70	225	4484	0.405	ng	# 100
12) 2-Methylnaphthalene	12.01	142	13484	0.409	ng	100
16) Acenaphthylene	13.92	152	19313	0.377	ng	100
17) Acenaphthene	14.28	154	13179	0.400	ng	99
18) Fluorene	15.27	166	17248	0.400	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	5695	0.389	ng	94
21) Hexachlorobenzene	16.28	284	6989	0.418	ng	99
22) Pentachlorophenol	16.62	266	2081	0.316	ng	99
23) Phenanthrene	17.00	178	29142	0.409	ng	100
24) Anthracene	17.09	178	24843	0.381	ng	100
26) Fluoranthene	19.03	202	33870	0.382	ng	99
28) Pyrene	19.39	202	34112	0.455	ng	100
30) Benzo(a)anthracene	21.14	228	28321	0.390	ng	100
31) Chrysene	21.20	228	28713	0.396	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	14448	0.387	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	29702	0.464	ng	99
35) Benzo(b)fluoranthene	22.69	252	27029	0.392	ng	99
36) Benzo(k)fluoranthene	22.73	252	28144	0.407	ng	97
37) Benzo(a)pyrene	23.24	252	23946	0.392	ng	99
38) Dibenzo(a,h)anthracene	25.48	278	23797	0.426	ng	99
39) Benzo(g,h,i)perylene	26.12	276	24271	0.432	ng	100

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

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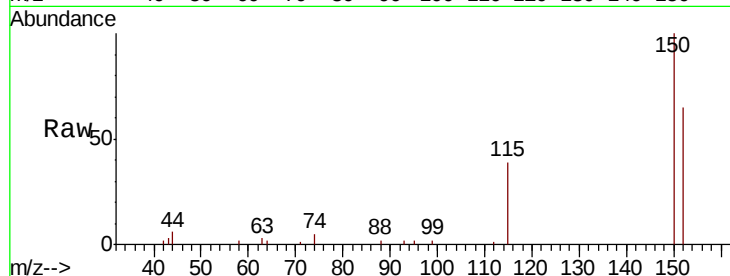




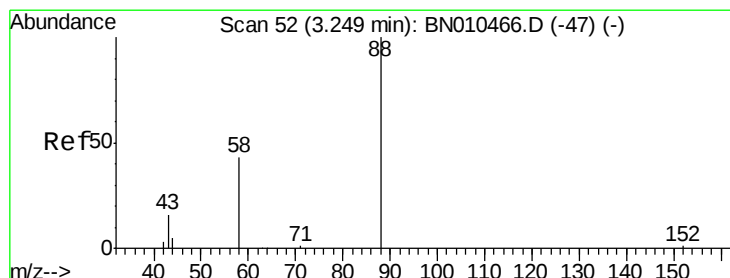
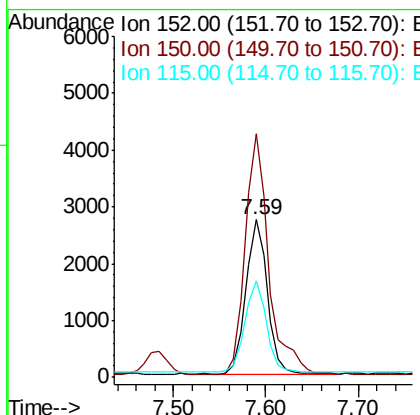
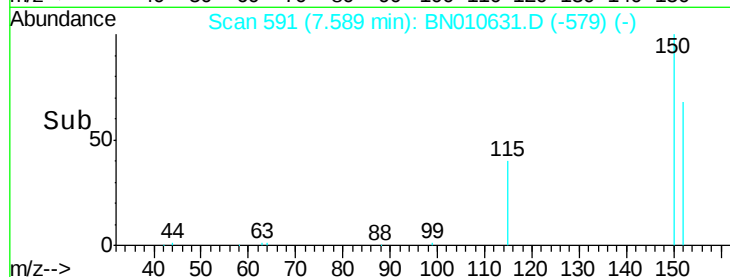
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.59 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BN010631.D
 Acq: 28 Apr 2020 19:24

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:152 Resp: 4348
 Ion Ratio Lower Upper
 152 100
 150 154.7 121.8 182.6
 115 61.0 45.5 68.3

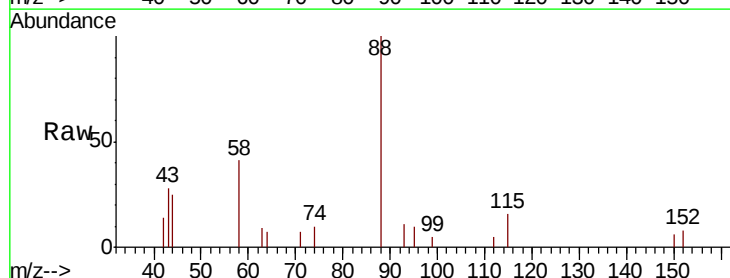


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

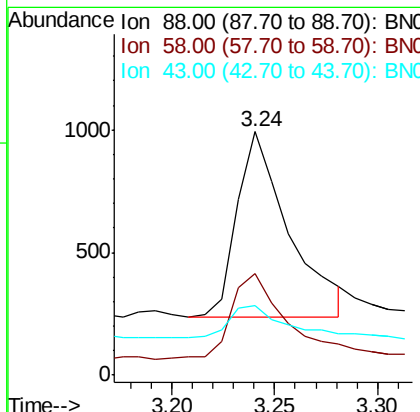
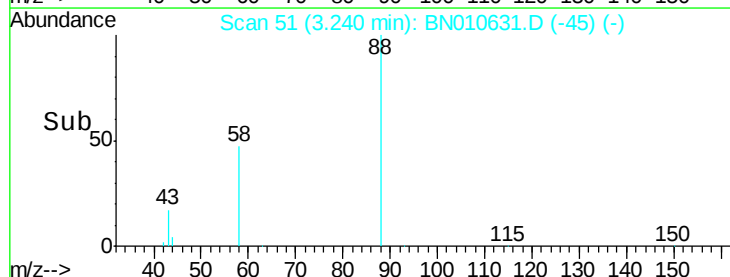


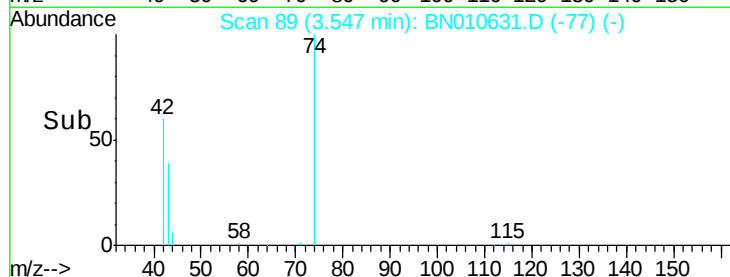
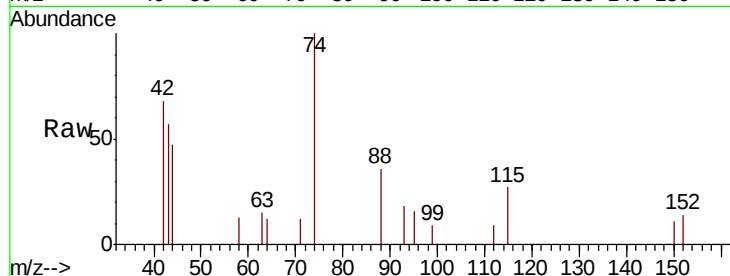
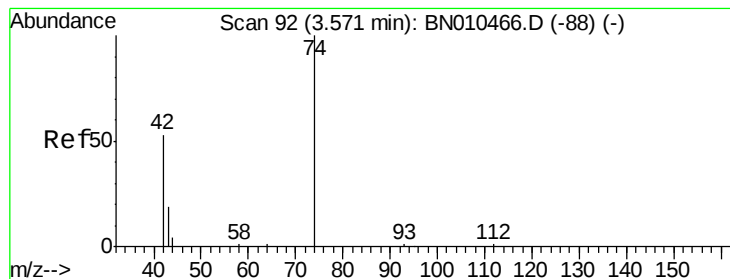
#2
 1,4-Dioxane
 Concen: 0.408 ng
 RT: 3.24 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BN010631.D
 Acq: 28 Apr 2020 19:24

Tgt Ion: 88 Resp: 1307
 Ion Ratio Lower Upper
 88 100
 58 46.4 36.5 54.7
 43 17.8 13.2 19.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
 Ion 58.00 (57.70 to 58.70): BN0
 Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.442 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

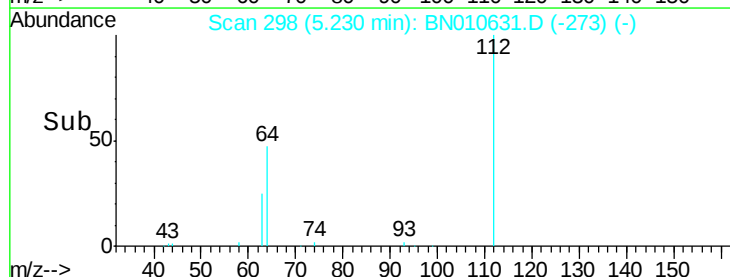
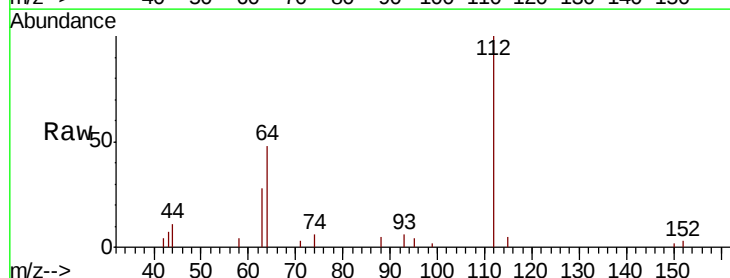
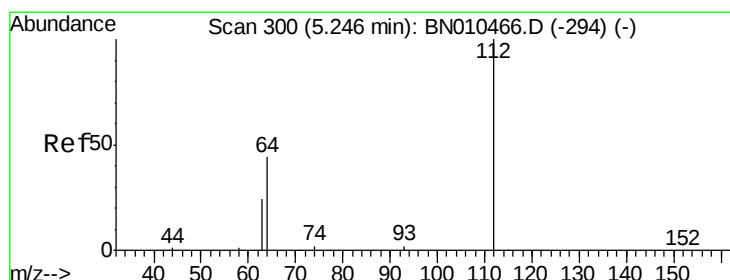
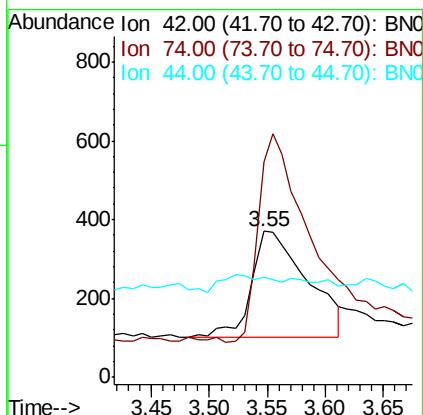
Tot Ion: 42 Resp: 917

Ion Ratio Lower Upper

42 100

74 169.7 162.2 243.4

44 0.0 2.4 3.6#



#4

2-Fluorophenol

Concen: 0.423 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

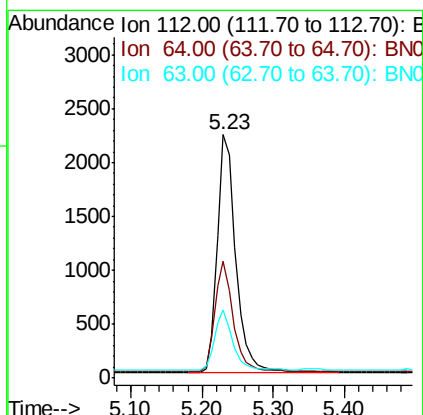
Tgt Ion: 112 Resp: 4032

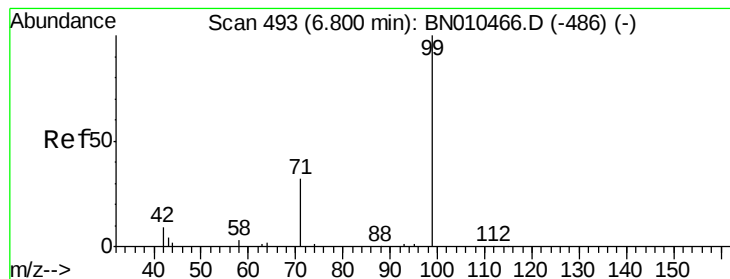
Ion Ratio Lower Upper

112 100

64 45.9 35.8 53.8

63 24.1 19.9 29.9





#5

Phenol-d6

Concen: 0.421 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

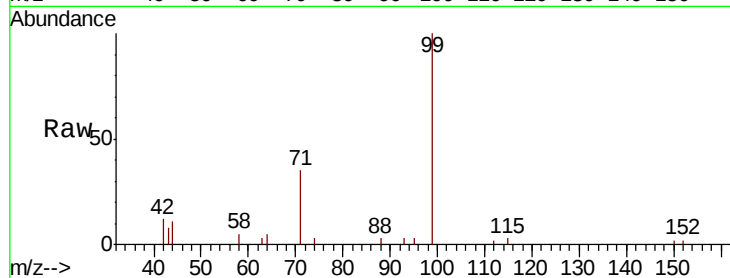
Tot Ion: 99 Resp: 5243

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.6

71 34.8 27.8 41.8

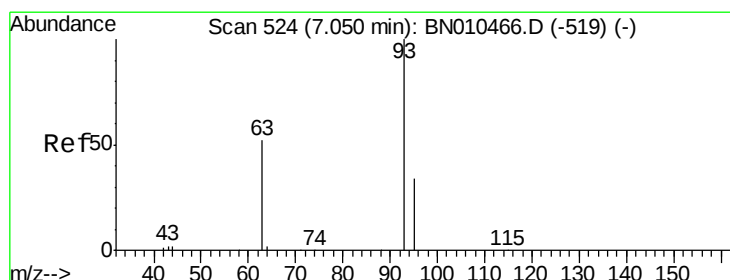
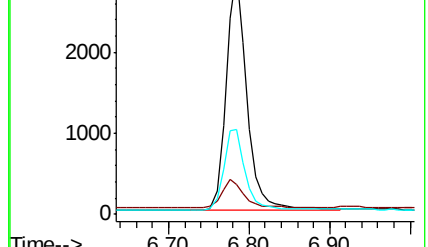
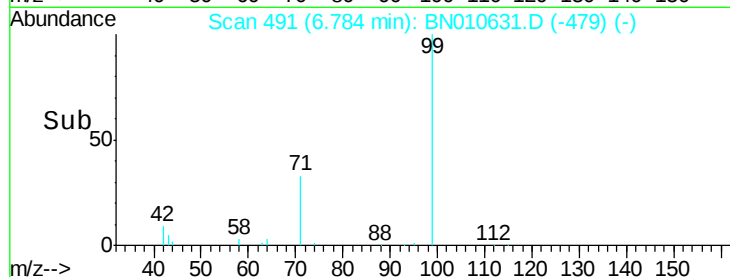


Abundance Ion 99.00 (98.70 to 99.70): BN010631.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010631.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010631.D (-479) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.423 ng

RT: 7.03 min Scan# 521

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

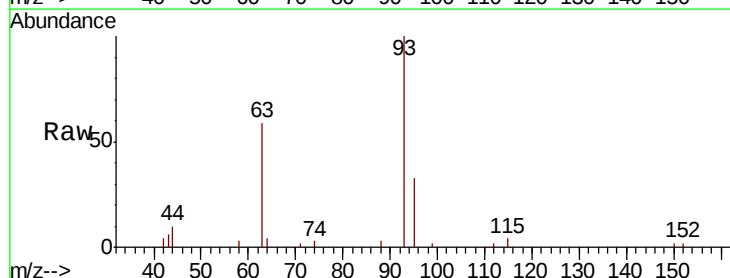
Tgt Ion: 93 Resp: 4560

Ion Ratio Lower Upper

93 100

63 57.1 44.6 66.8

95 32.9 26.5 39.7

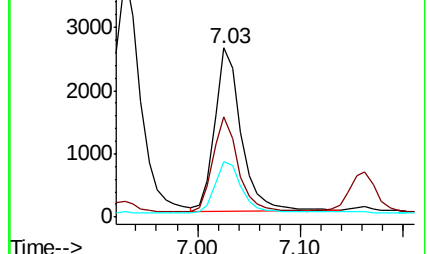
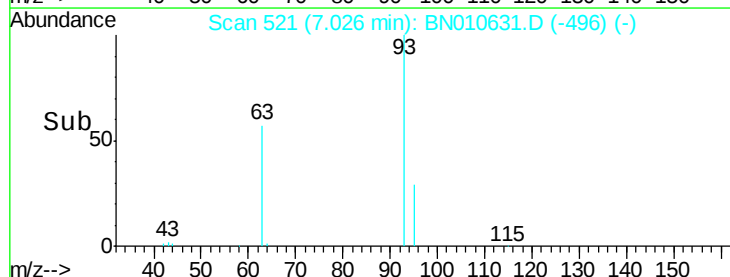


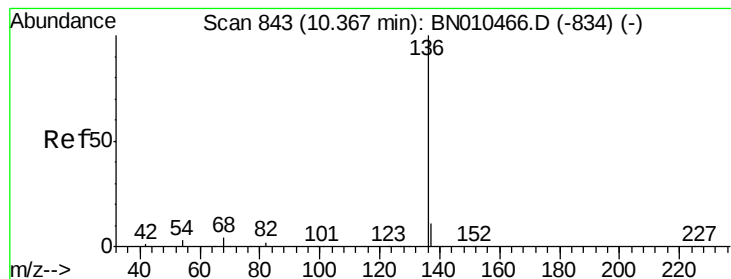
Abundance Ion 93.00 (92.70 to 93.70): BN010631.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN010631.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN010631.D (-496) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 18482

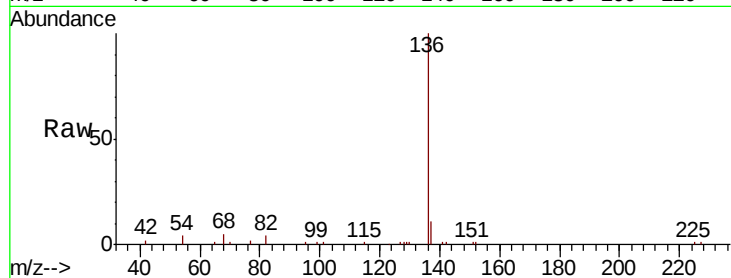
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 4.0 2.6 4.0#

68 5.0 3.4 5.2

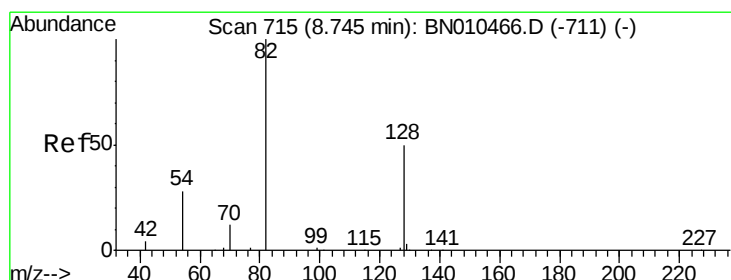
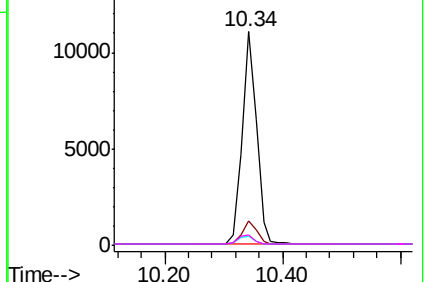
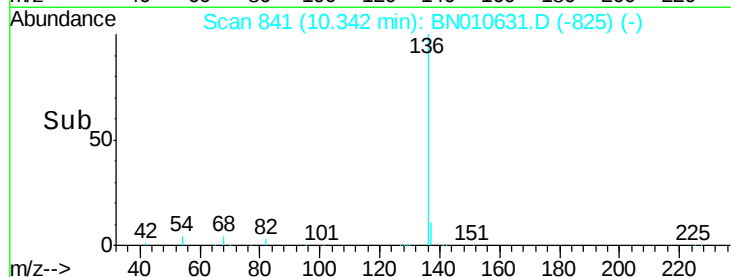


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

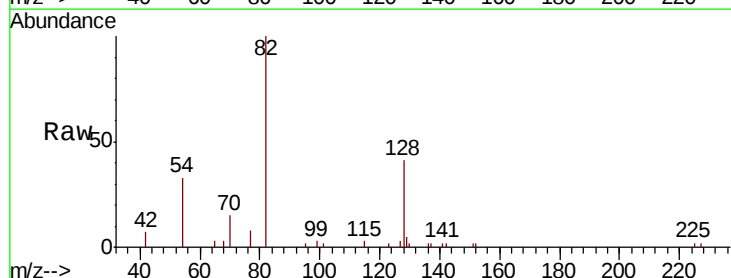
Tgt Ion: 82 Resp: 5222

Ion Ratio Lower Upper

82 100

128 40.7 41.3 61.9#

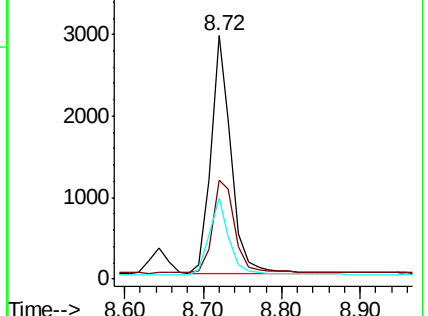
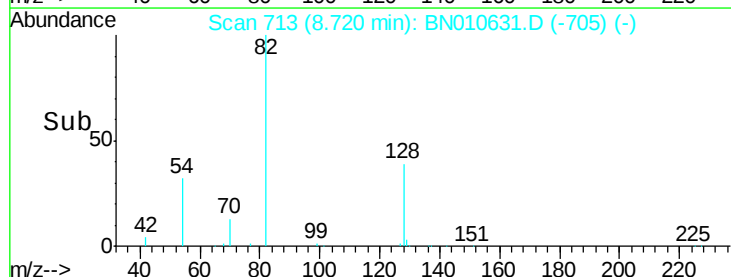
54 33.2 23.4 35.0

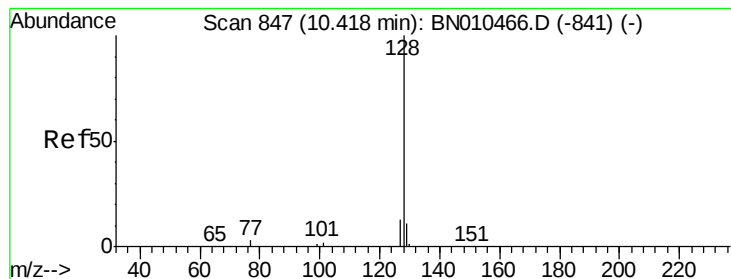


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.408 ng

RT: 10.39 min Scan# 845

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

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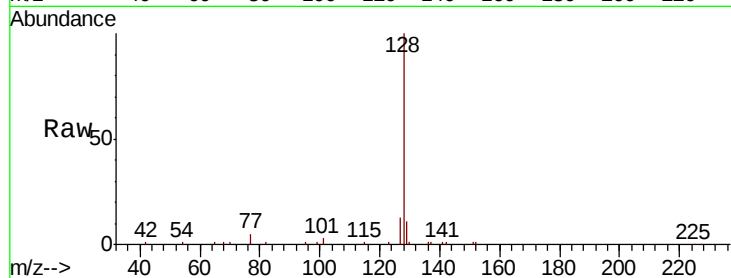
Tot Ion:128 Resp: 18713

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

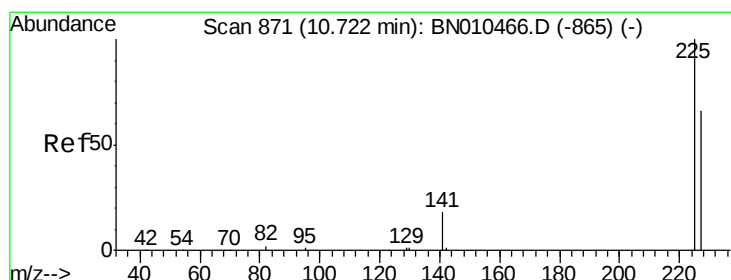
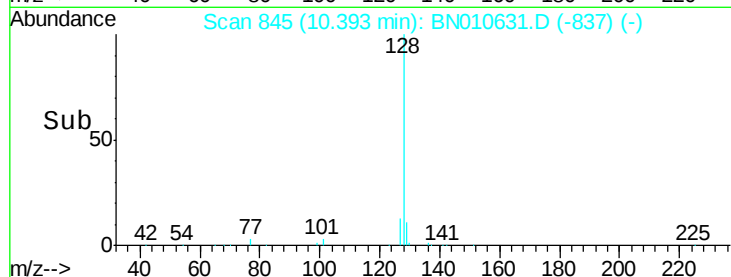
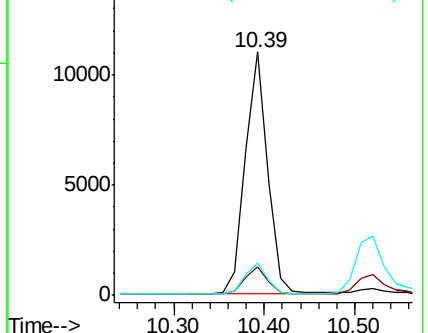
127 13.2 10.5 15.7



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: 0.405 ng

RT: 10.70 min Scan# 869

Delta R.T. 0.01 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

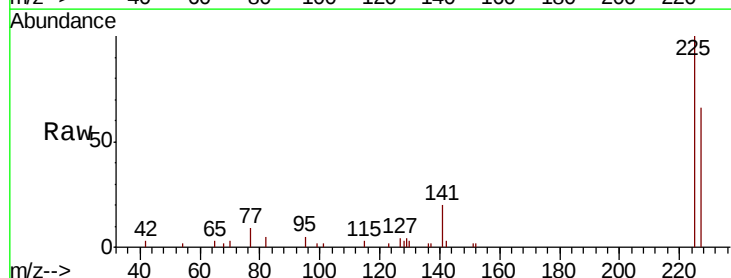
Tgt Ion:225 Resp: 4484

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

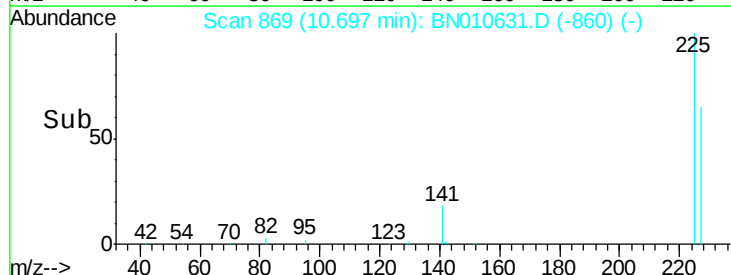
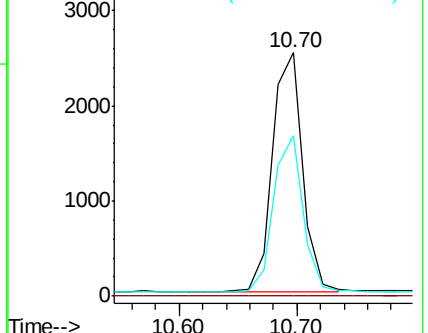
227 63.6 50.6 76.0

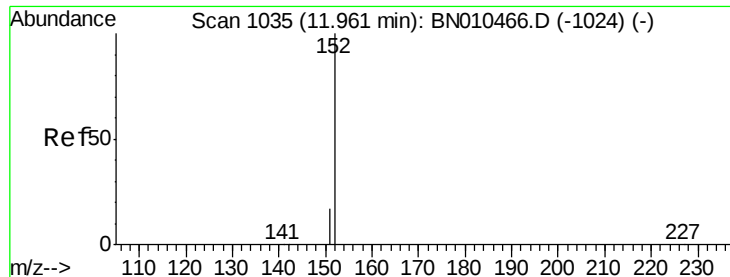


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

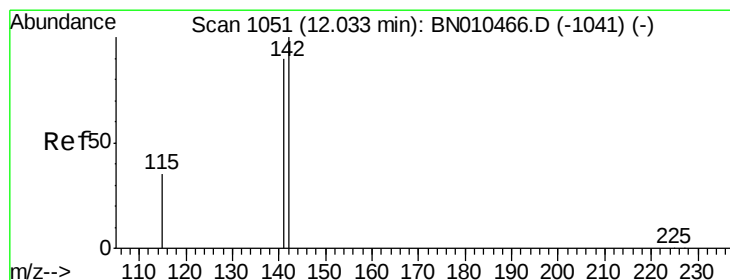
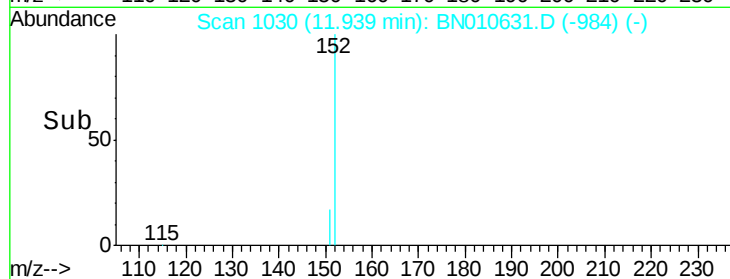
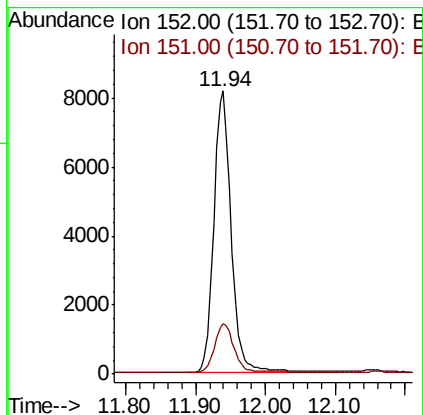
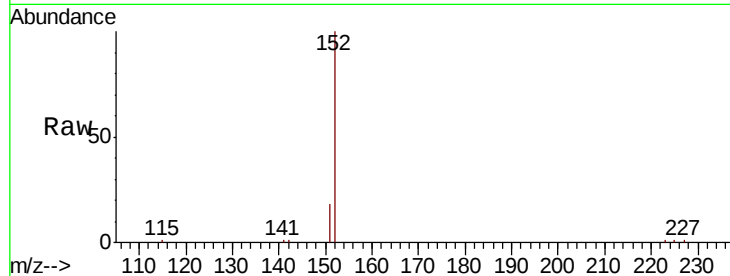




#11
2-Methylnaphthalene-d10
Concen: 0.463 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN010631.D
Acq: 28 Apr 2020 19:24

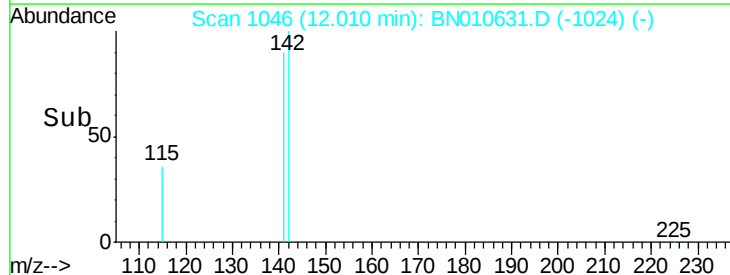
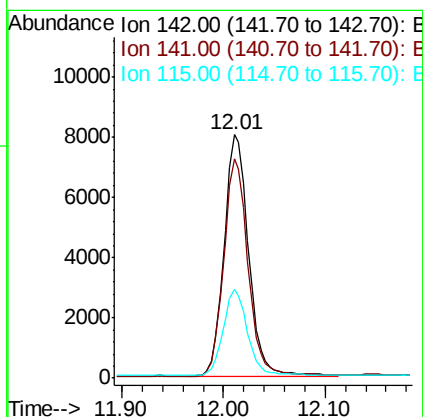
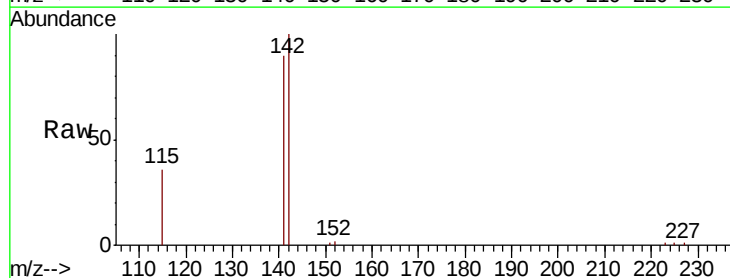
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

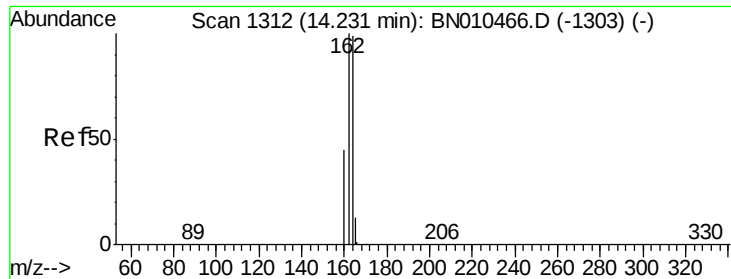
Tot Ion:152 Resp: 14056
Ion Ratio Lower Upper
152 100
151 18.8 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.409 ng
RT: 12.01 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN010631.D
Acq: 28 Apr 2020 19:24

Tgt Ion:142 Resp: 13484
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 36.5 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

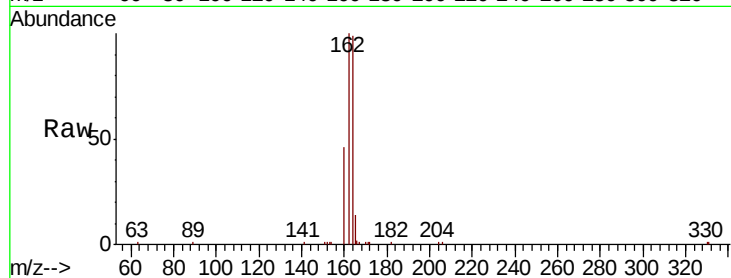
Tot Ion:164 Resp: 11863

Ion Ratio Lower Upper

164 100

162 101.2 80.6 121.0

160 46.5 36.5 54.7



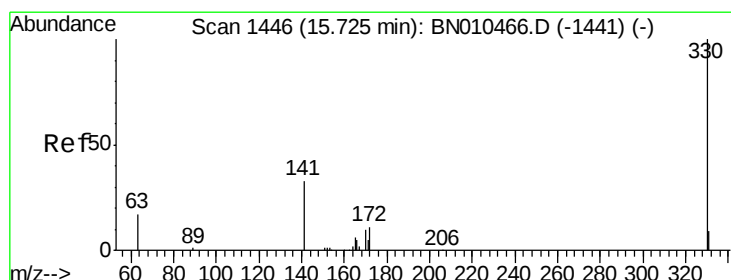
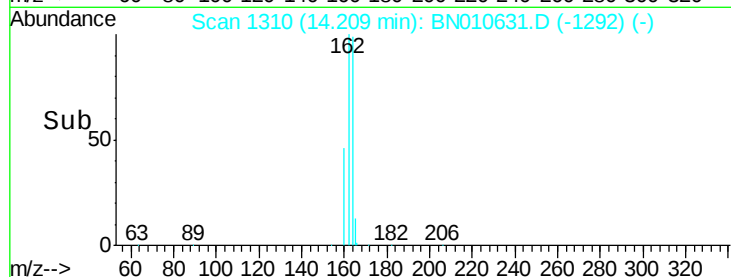
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.21

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

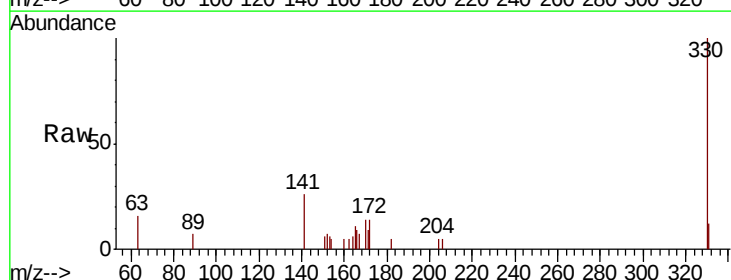
Tgt Ion:330 Resp: 1919

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.1 28.1 42.1



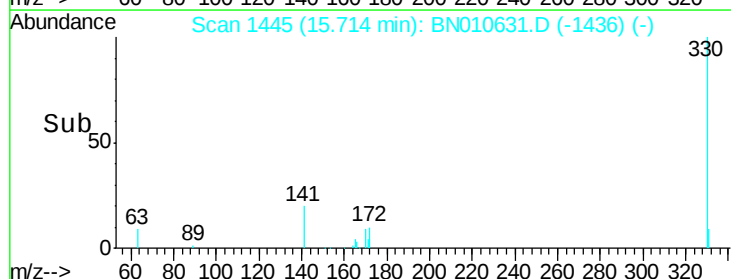
Abundance Ion 330.00 (329.70 to 330.70): E

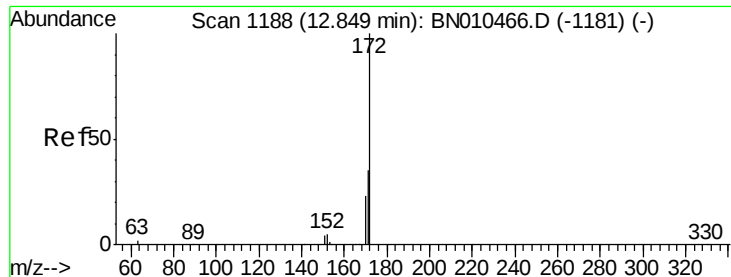
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.71

Time-->

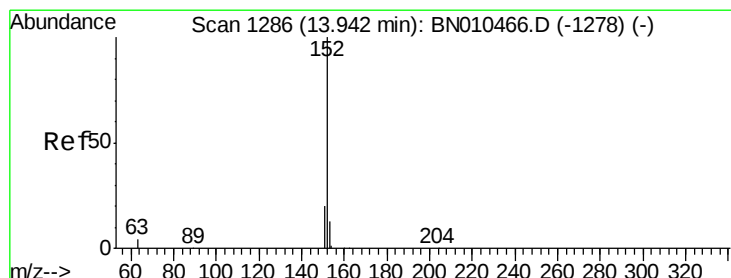
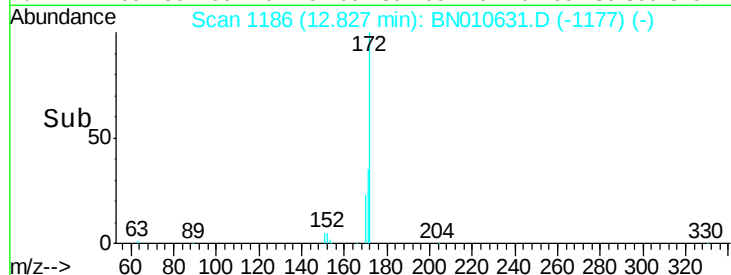
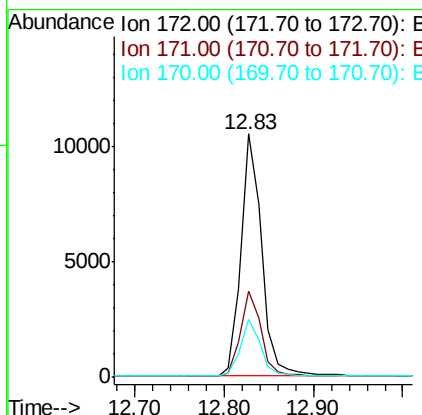
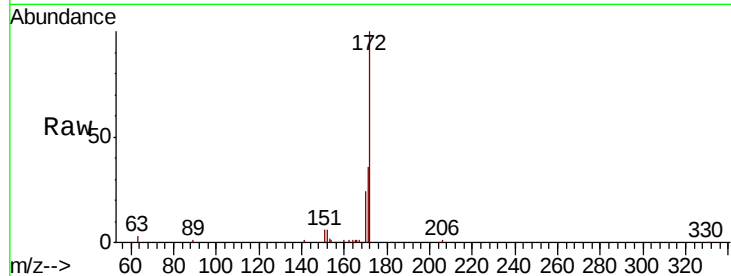




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010631.D
Acq: 28 Apr 2020 19:24

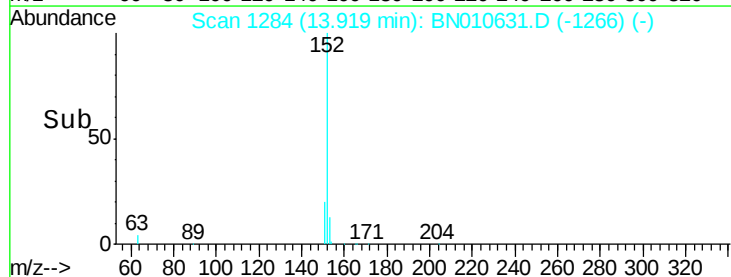
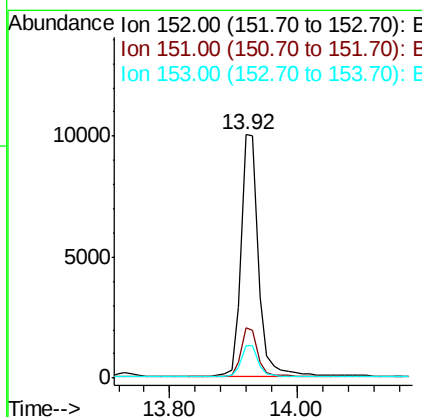
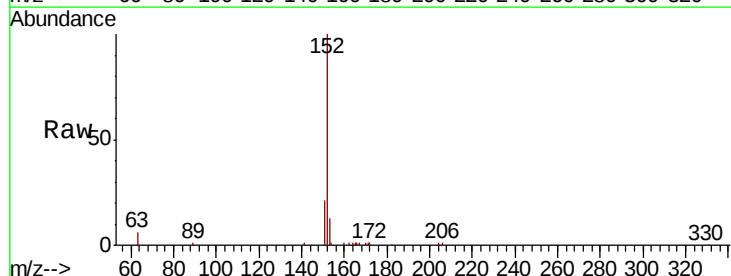
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

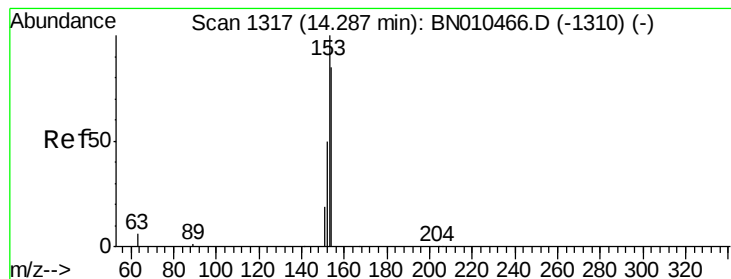
Tot Ion:172 Resp: 17079
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.6 18.4 27.6



#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010631.D
Acq: 28 Apr 2020 19:24

Tgt Ion:152 Resp: 19313
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.400 ng

RT: 14.28 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

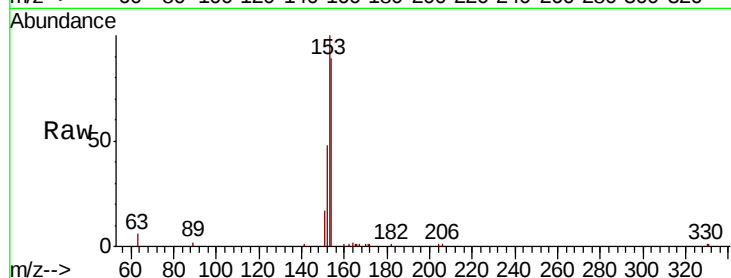
Tot Ion:154 Resp: 13179

Ion Ratio Lower Upper

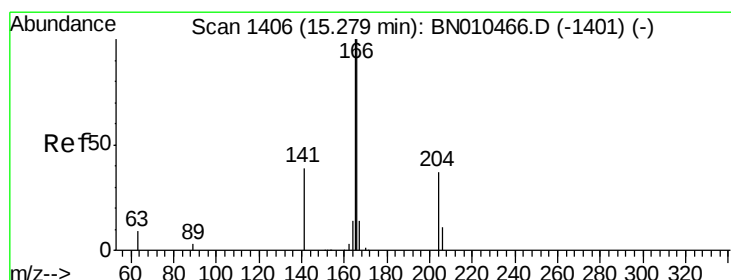
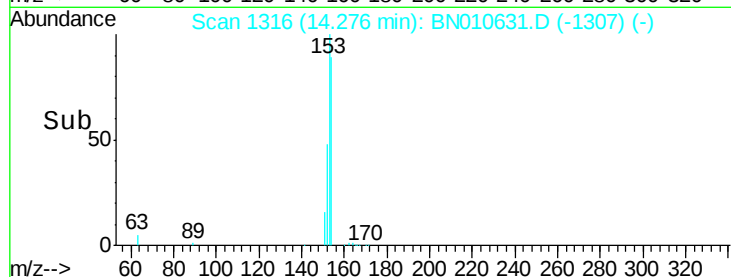
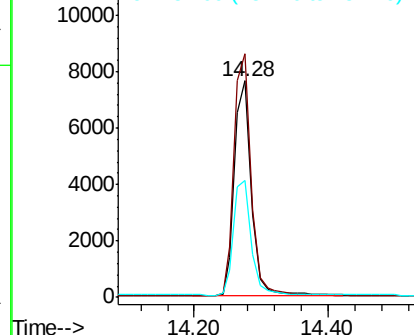
154 100

153 114.7 91.0 136.4

152 56.2 44.6 67.0



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: 0.400 ng

RT: 15.27 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

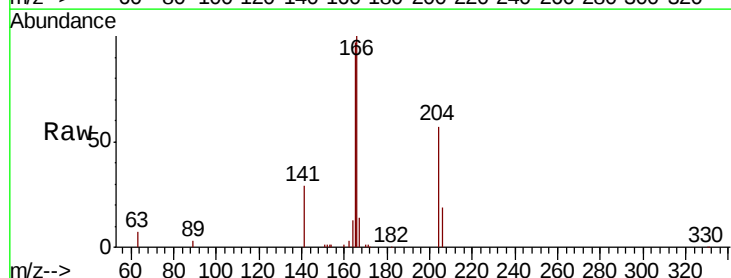
Tgt Ion:166 Resp: 17248

Ion Ratio Lower Upper

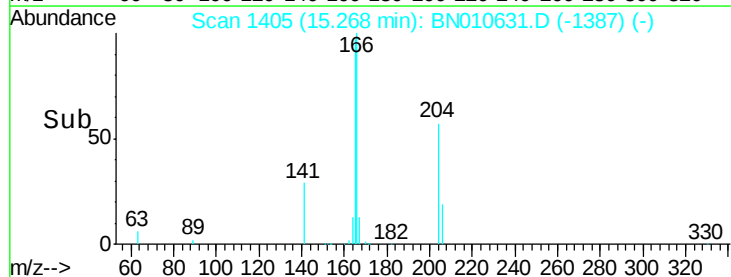
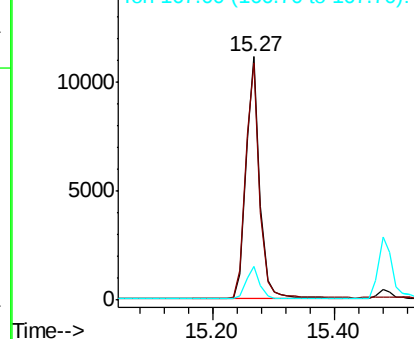
166 100

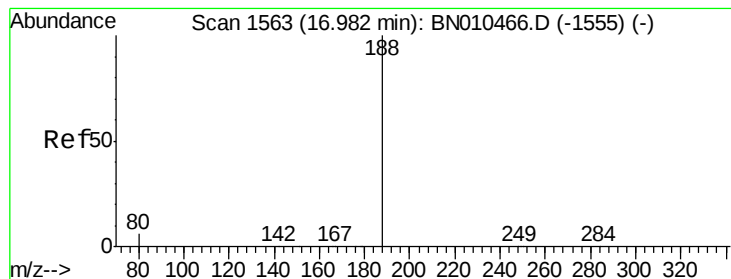
165 98.8 78.4 117.6

167 13.3 10.9 16.3



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: 16.96 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

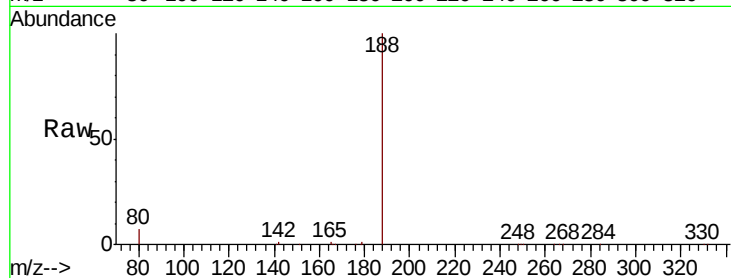
Tot Ion:188 Resp: 26385

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

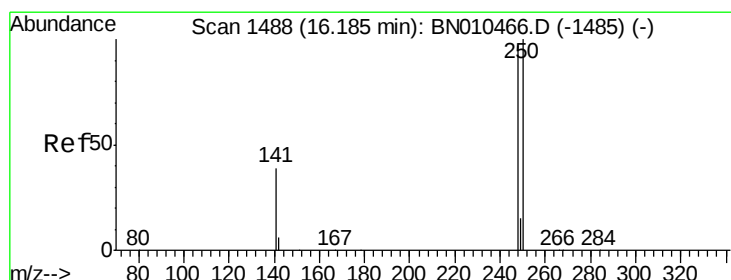
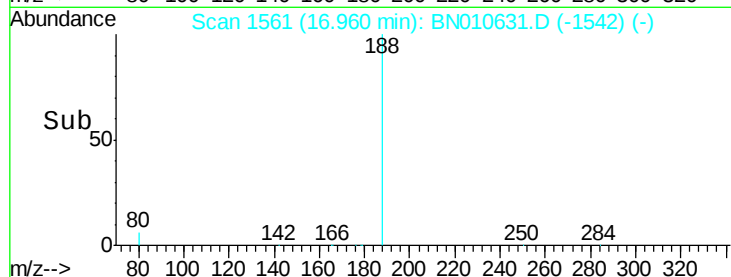
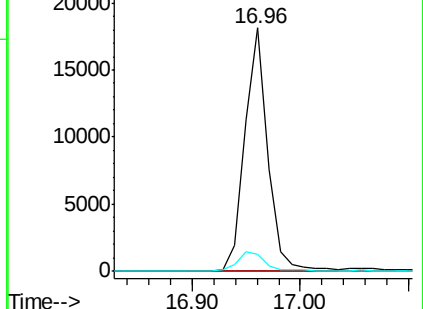
80 6.8 5.0 7.6



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: 0.389 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

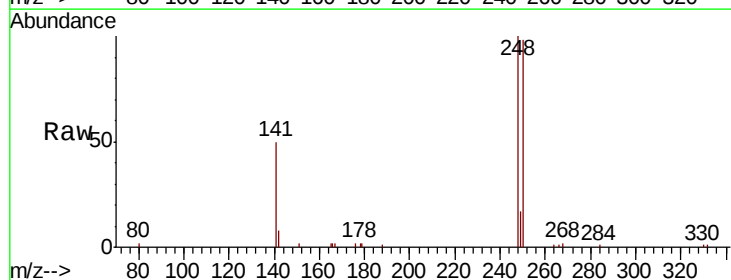
Tgt Ion:248 Resp: 5695

Ion Ratio Lower Upper

248 100

250 98.5 82.3 123.5

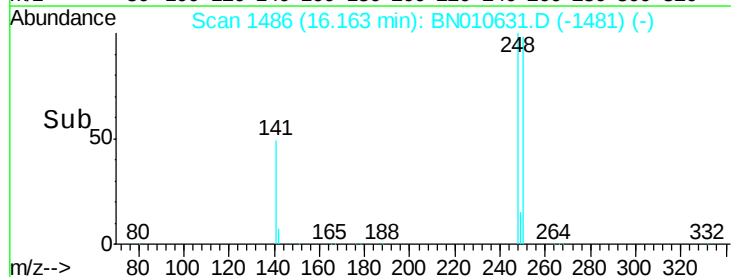
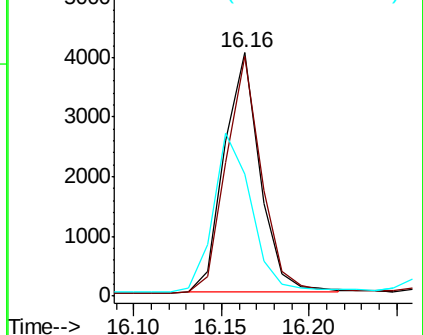
141 50.0 35.2 52.8

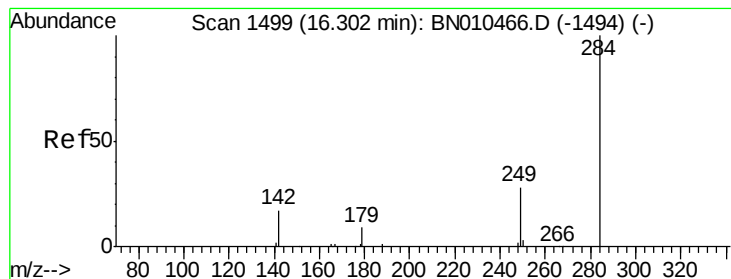


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.28 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

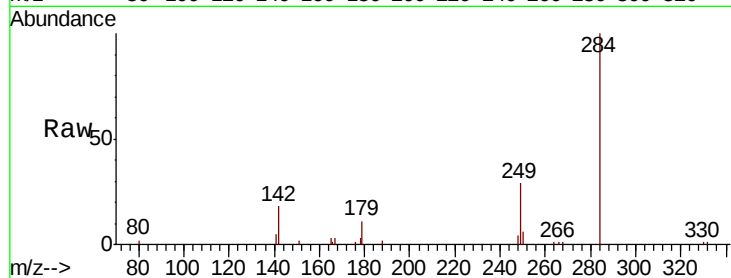
Tot Ion:284 Resp: 6989

Ion Ratio Lower Upper

284 100

142 32.7 25.5 38.3

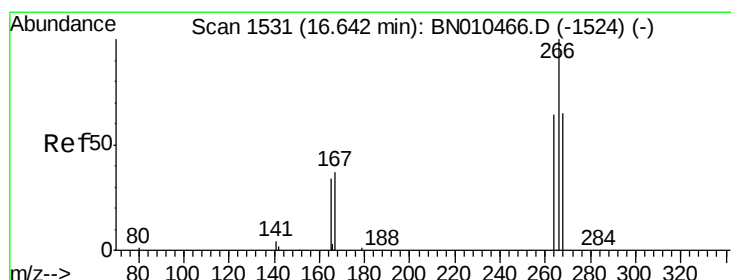
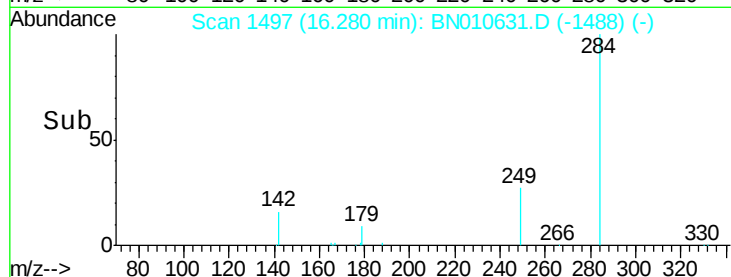
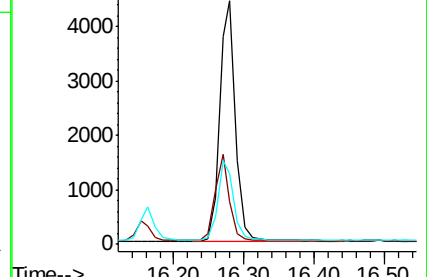
249 33.0 25.8 38.6



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: 0.316 ng

RT: 16.62 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

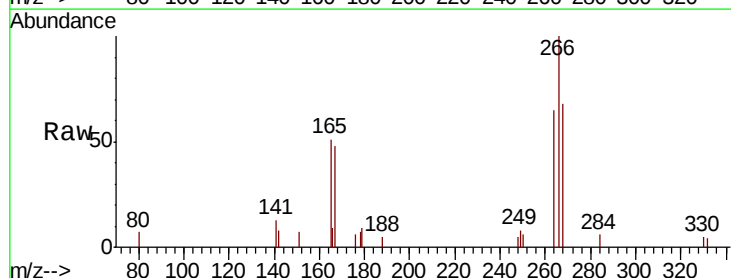
Tgt Ion:266 Resp: 2081

Ion Ratio Lower Upper

266 100

264 65.0 51.8 77.6

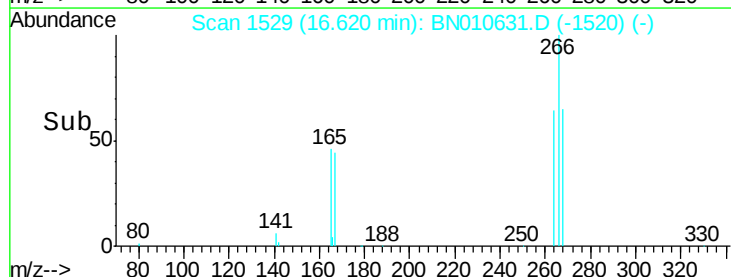
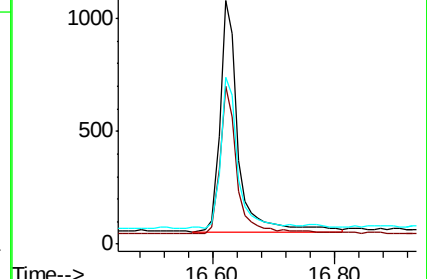
268 68.5 53.7 80.5

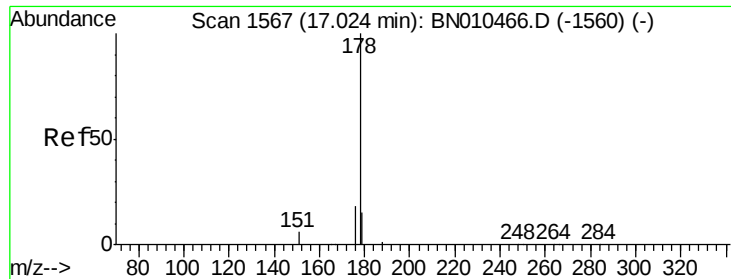


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.409 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

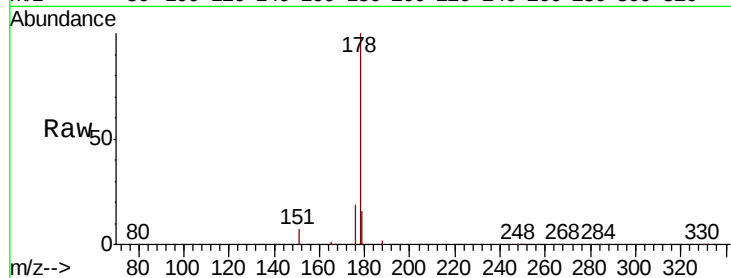
Tot Ion:178 Resp: 29142

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

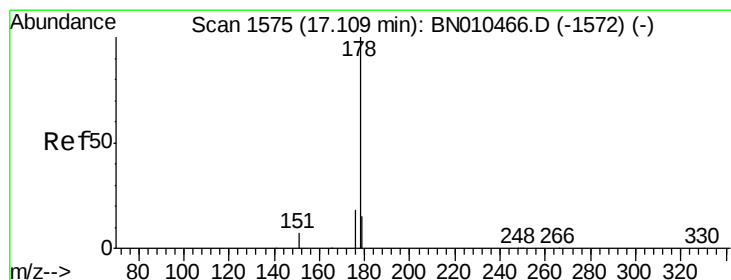
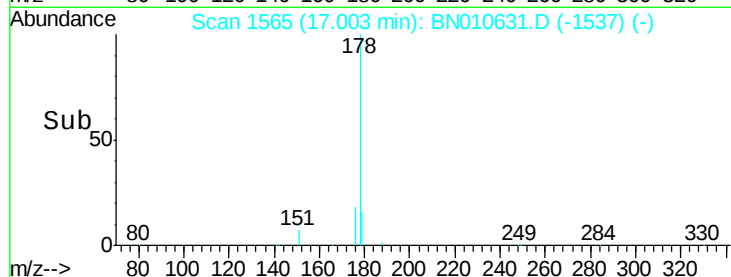
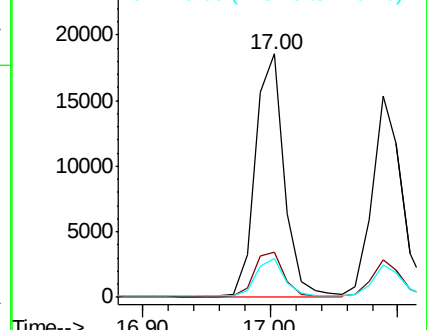
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

25000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.381 ng

RT: 17.09 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

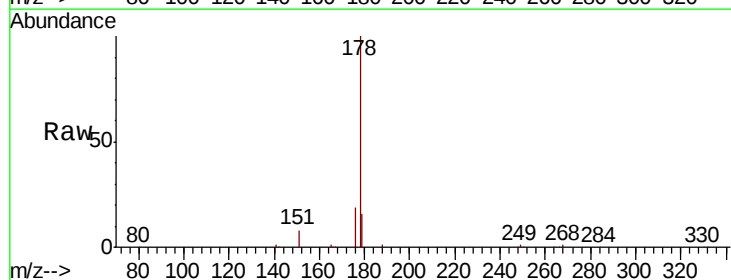
Tgt Ion:178 Resp: 24843

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

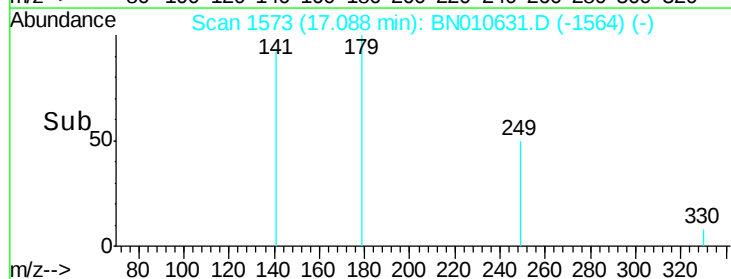
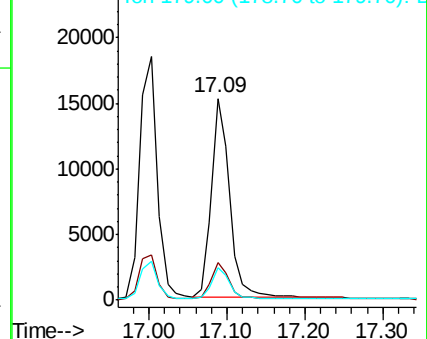
179 15.2 12.2 18.2

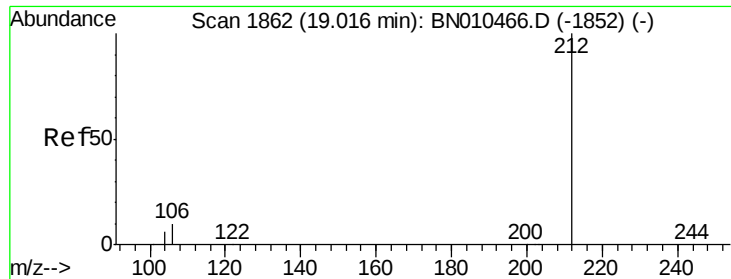


Abundance Ion 178.00 (177.70 to 178.70): E

25000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.429 ng

RT: 19.00 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

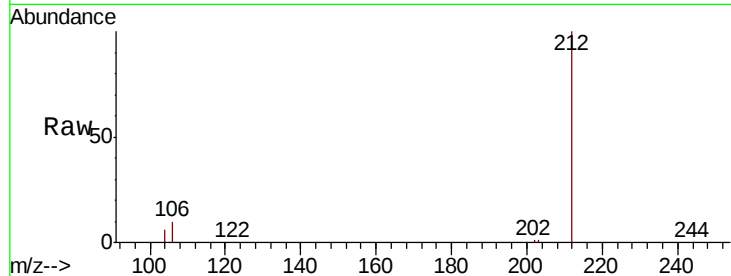
Tot Ion:212 Resp: 34351

Ion Ratio Lower Upper

212 100

106 10.2 7.8 11.6

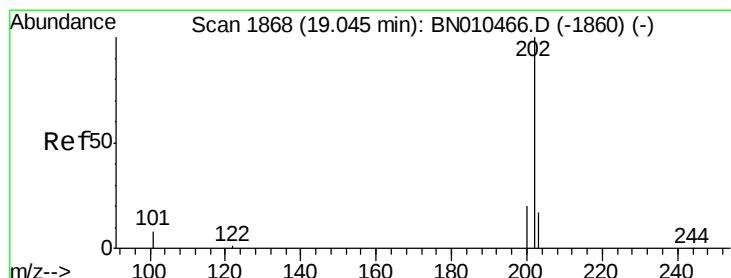
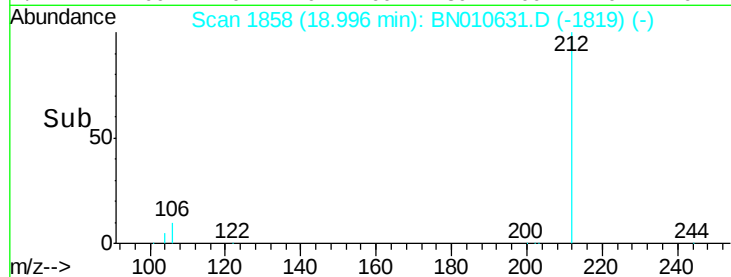
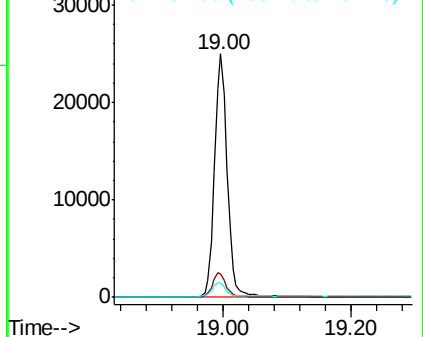
104 5.8 4.5 6.7



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: 0.382 ng

RT: 19.03 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

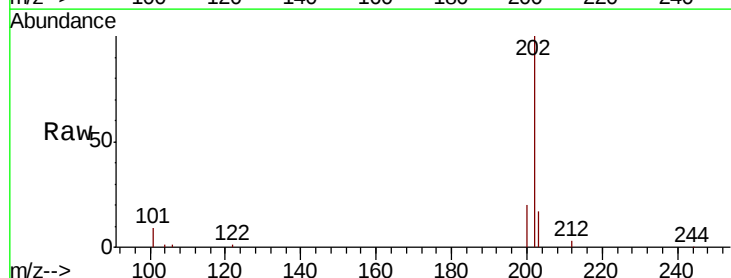
Tgt Ion:202 Resp: 33870

Ion Ratio Lower Upper

202 100

101 8.9 6.9 10.3

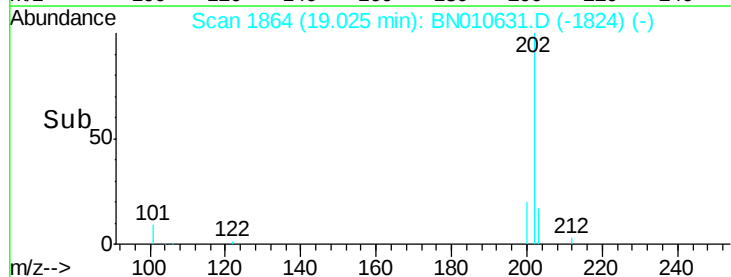
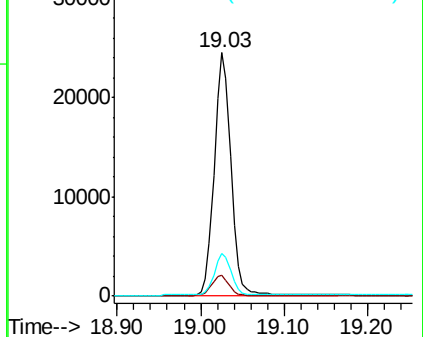
203 17.1 13.9 20.9

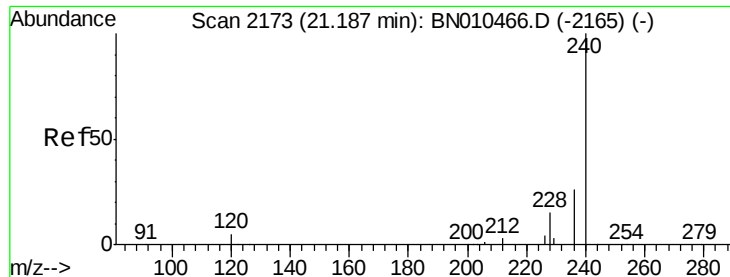


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.17 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

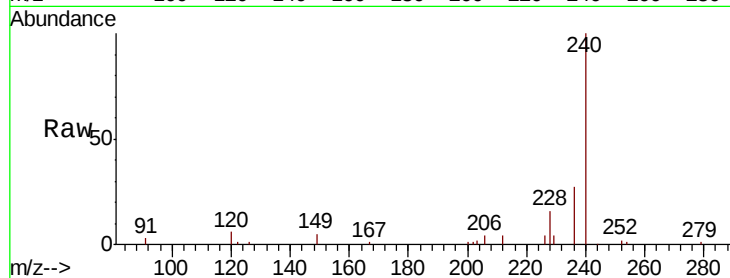
Tot Ion:240 Resp: 22286

Ion Ratio Lower Upper

240 100

120 6.4 4.8 7.2

236 26.9 21.4 32.0



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

21.17

15000

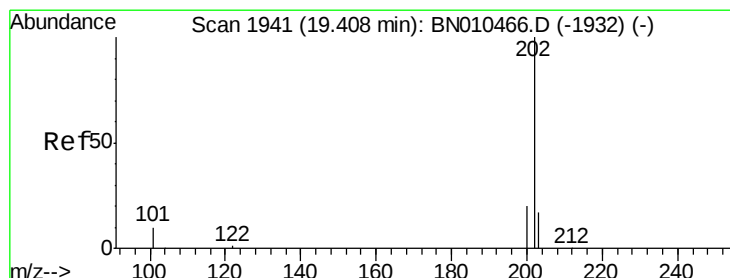
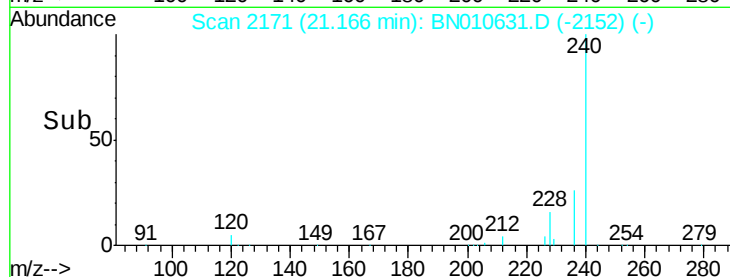
10000

5000

0

21.00 21.20 21.40

Time-->



#28

Pyrene

Concen: 0.455 ng

RT: 19.39 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

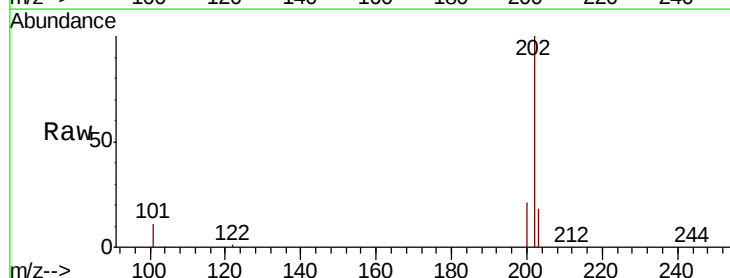
Tgt Ion:202 Resp: 34112

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

203 17.6 14.0 21.0



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

19.39

30000

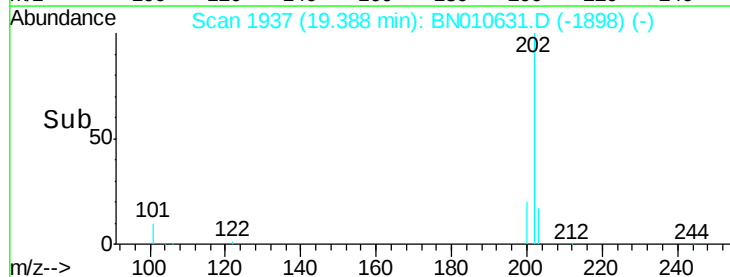
20000

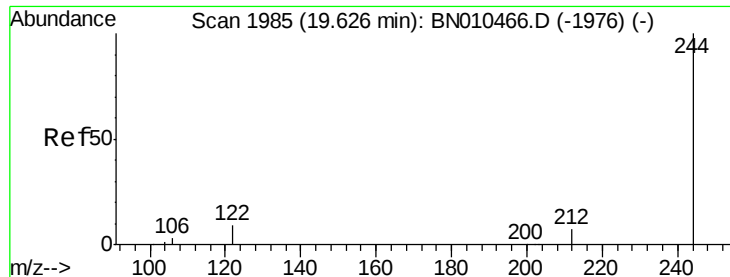
10000

0

19.30 19.40 19.50

Time-->





#29

Terphenyl-d14

Concen: 0.453 ng

RT: 19.61 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

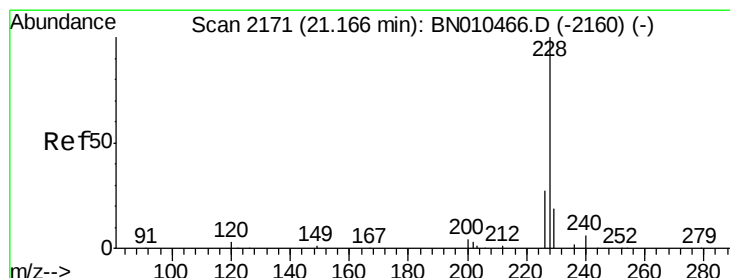
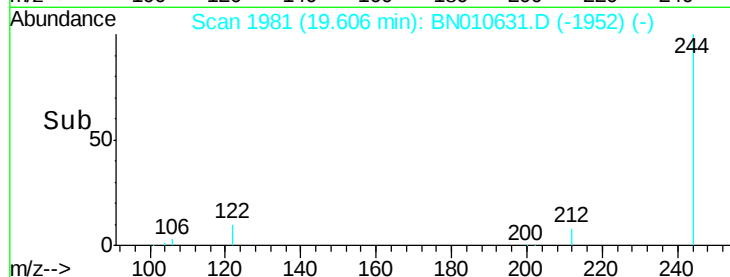
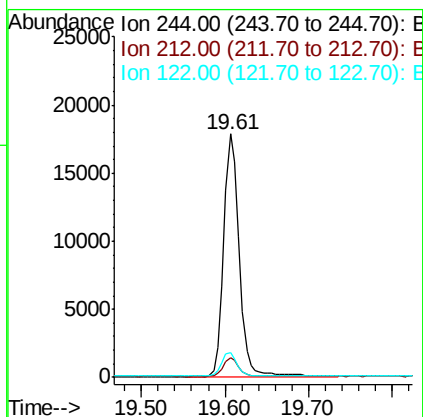
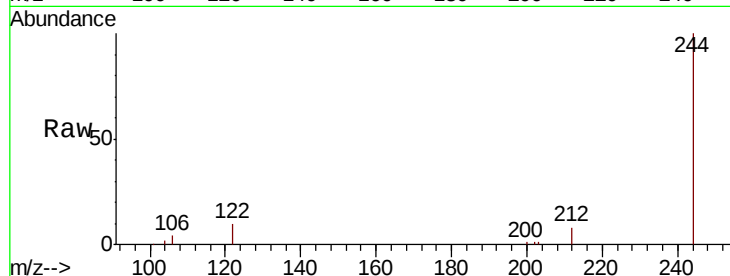
Tot Ion:244 Resp: 23118

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 10.0 7.8 11.8



#30

Benzo(a)anthracene

Concen: 0.390 ng

RT: 21.14 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

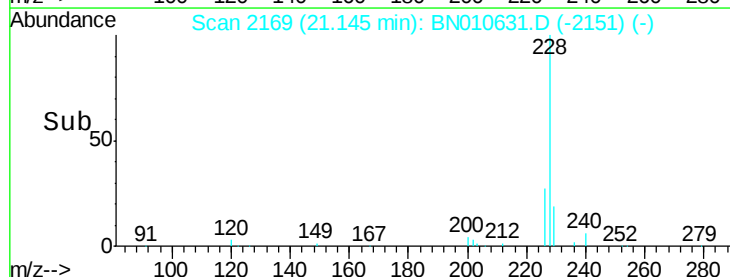
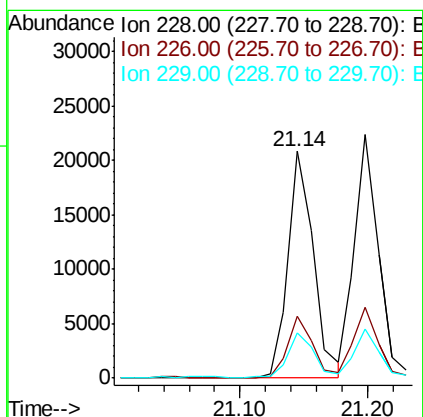
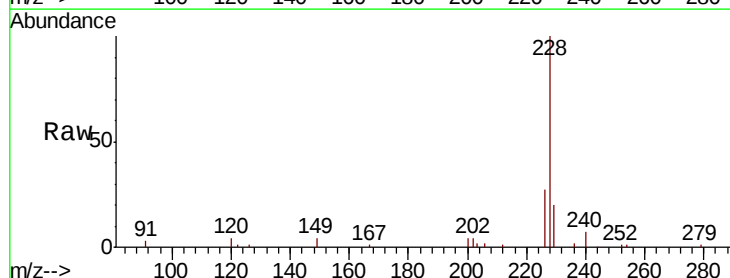
Tgt Ion:228 Resp: 28321

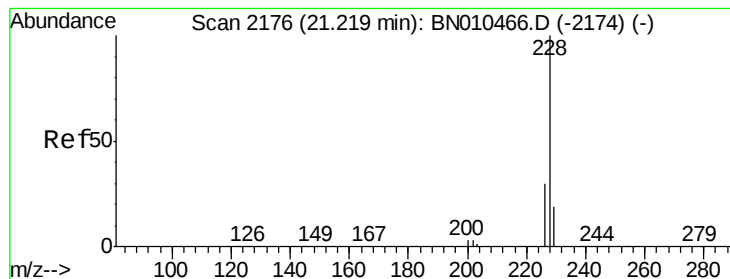
Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.7 15.6 23.4





#31

Chrysene

Concen: 0.396 ng

RT: 21.20 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

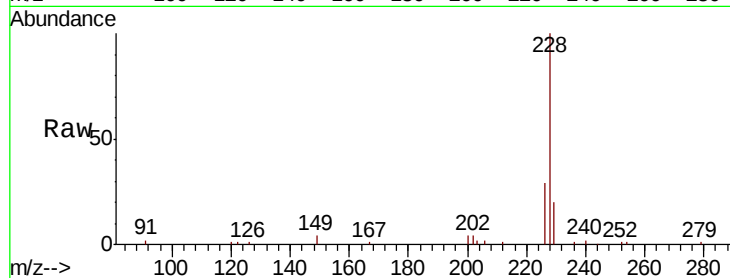
Tot Ion:228 Resp: 28713

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

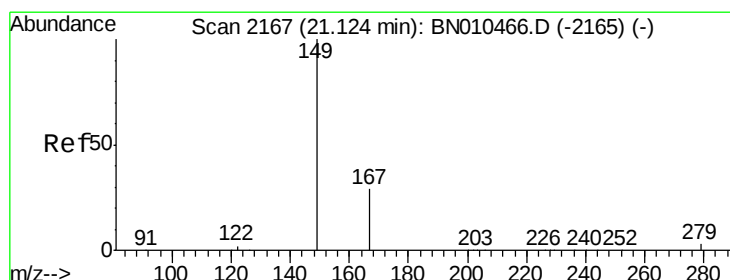
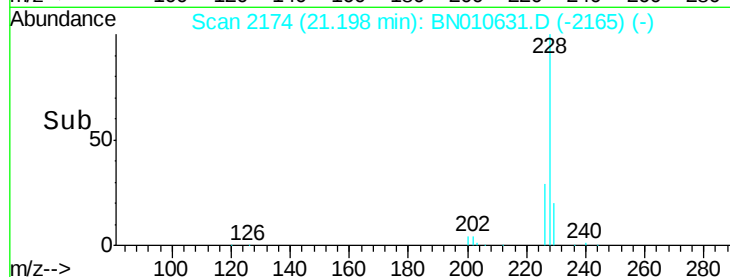
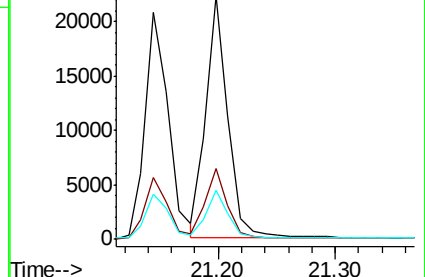
229 19.9 15.8 23.6



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: 0.387 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

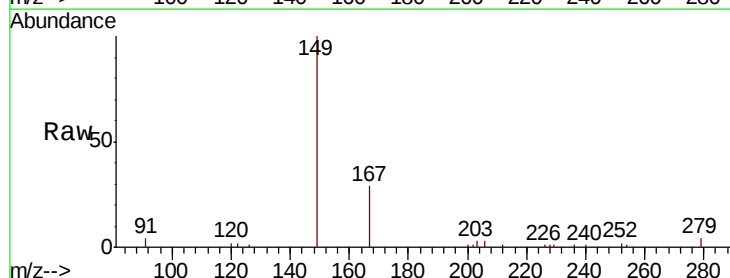
Tgt Ion:149 Resp: 14448

Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.0

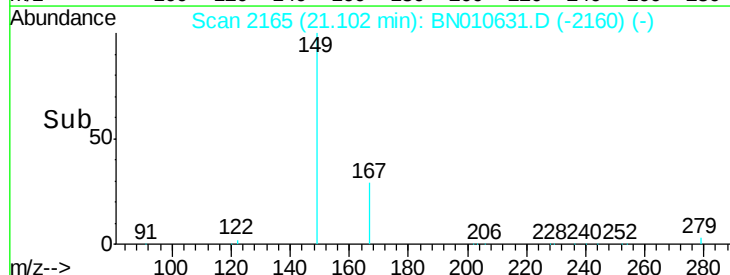
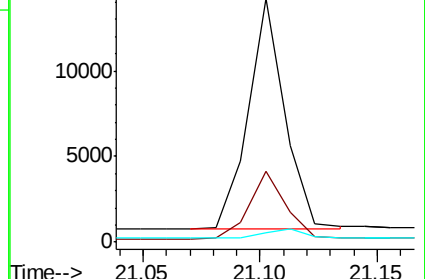
279 4.8 4.0 6.0

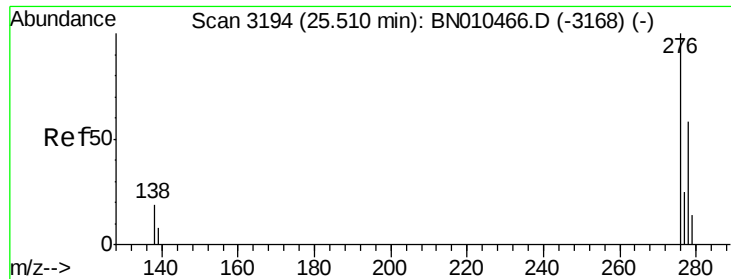


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

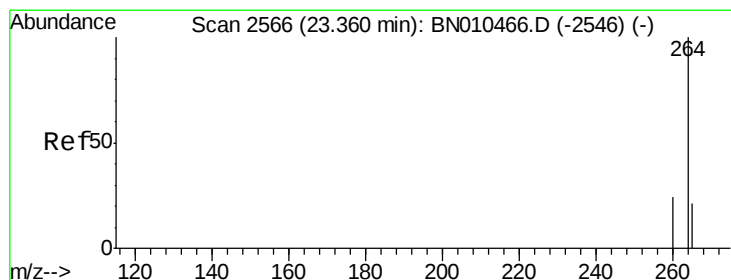
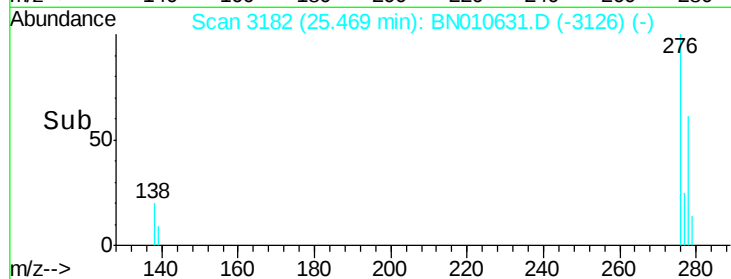
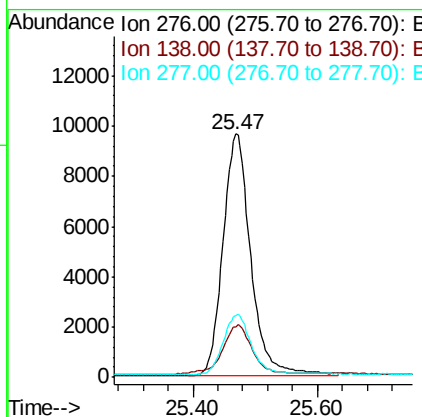
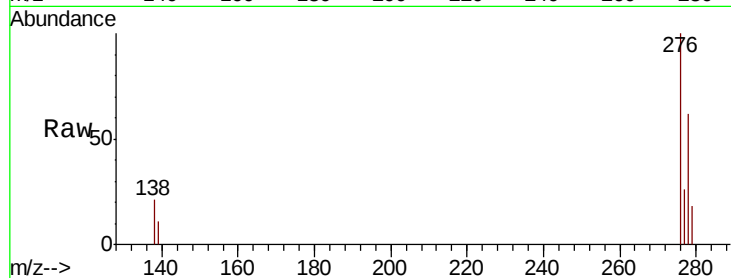




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.464 ng
RT: 25.47 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BN010631.D
Acq: 28 Apr 2020 19:24

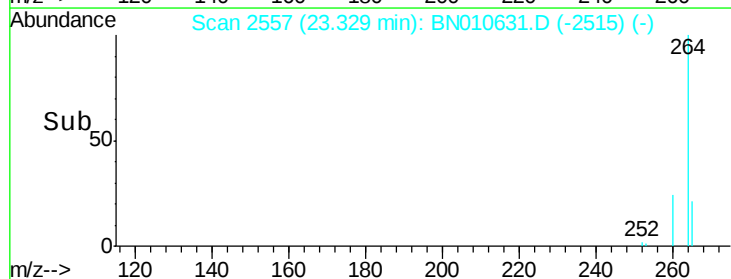
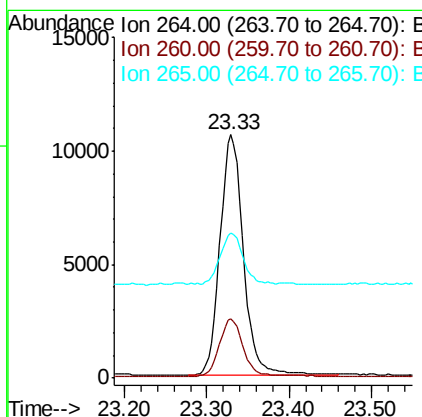
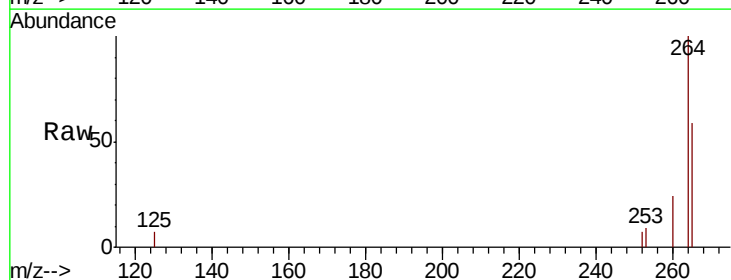
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

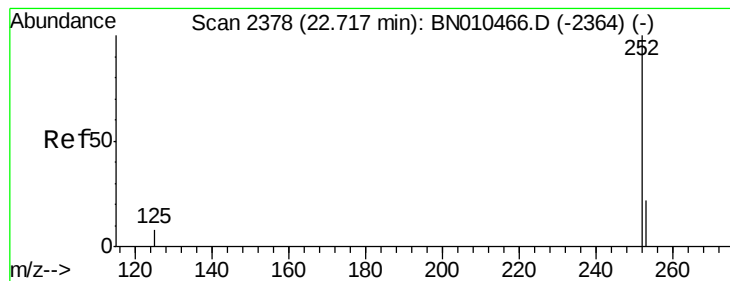
Tot Ion:276 Resp: 29702
Ion Ratio Lower Upper
276 100
138 21.8 16.4 24.6
277 24.9 19.8 29.6



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BN010631.D
Acq: 28 Apr 2020 19:24

Tgt Ion:264 Resp: 20951
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.8
265 59.4 42.3 63.5





#35

Benzo(b)fluoranthene

Concen: 0.392 ng

RT: 22.69 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

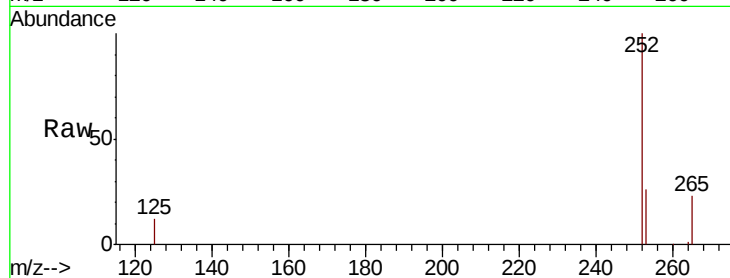
Tot Ion:252 Resp: 27029

Ion Ratio Lower Upper

252 100

253 25.6 20.2 30.4

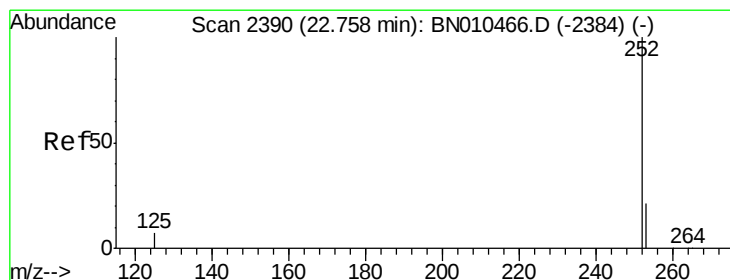
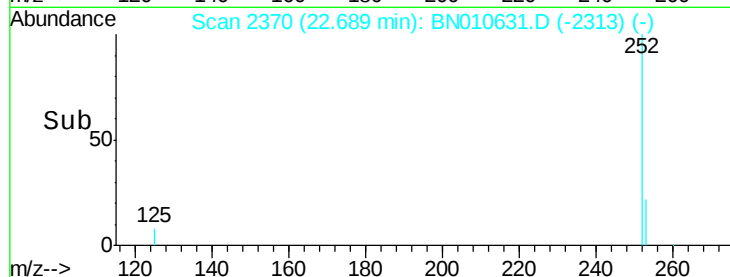
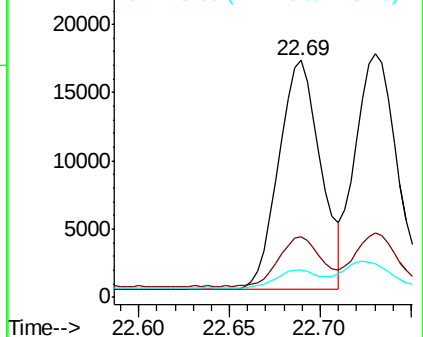
125 11.8 9.2 13.8



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: 0.407 ng

RT: 22.73 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

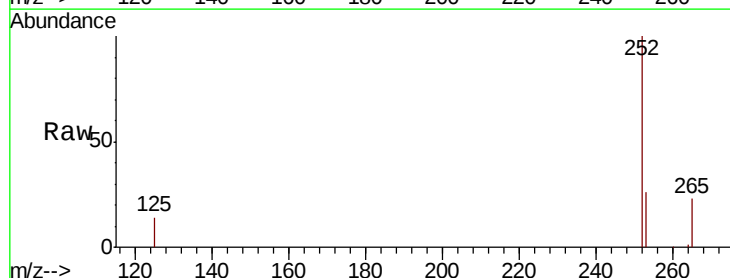
Tgt Ion:252 Resp: 28144

Ion Ratio Lower Upper

252 100

253 26.3 20.1 30.1

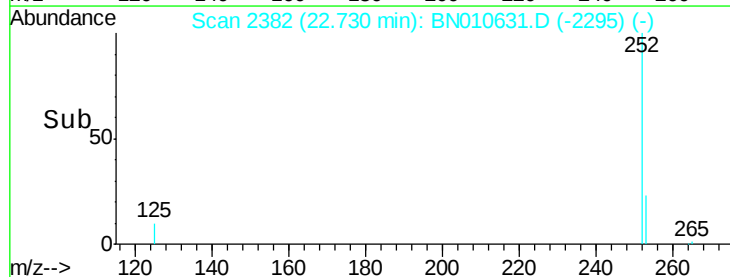
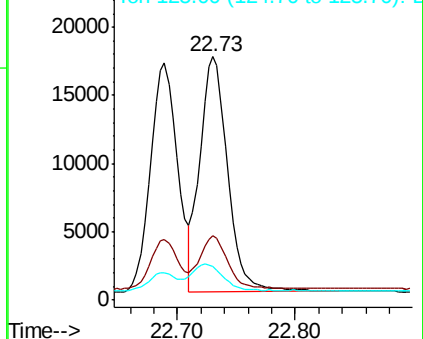
125 13.9 9.6 14.4

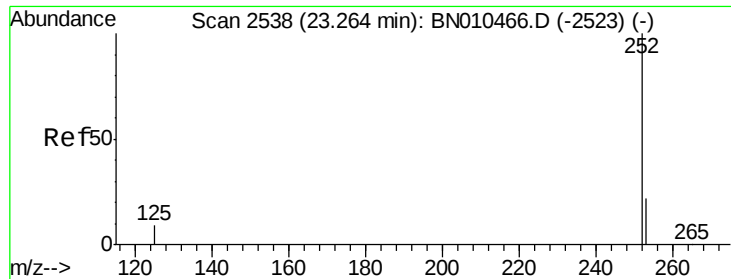


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.24 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

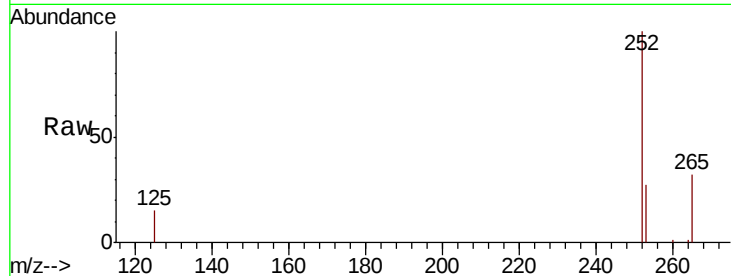
Tot Ion:252 Resp: 23946

Ion Ratio Lower Upper

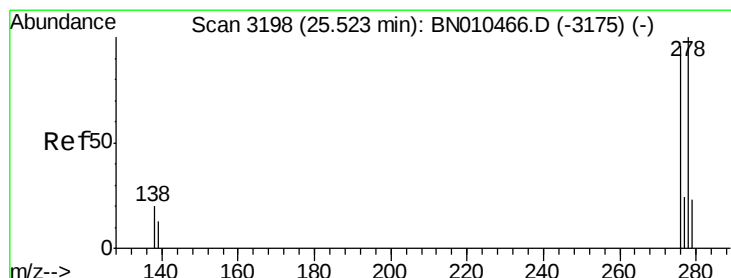
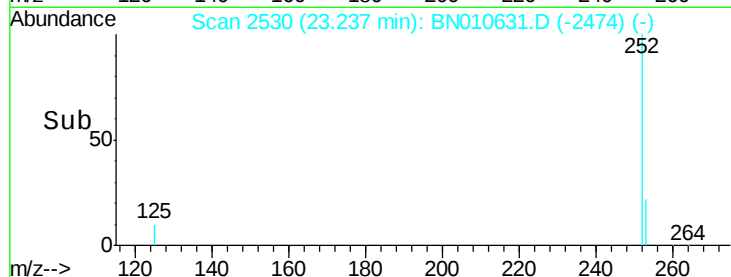
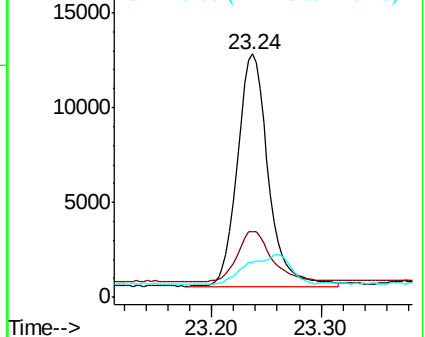
252 100

253 27.1 21.8 32.8

125 14.6 11.0 16.6



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: 0.426 ng

RT: 25.48 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BN010631.D

Acq: 28 Apr 2020 19:24

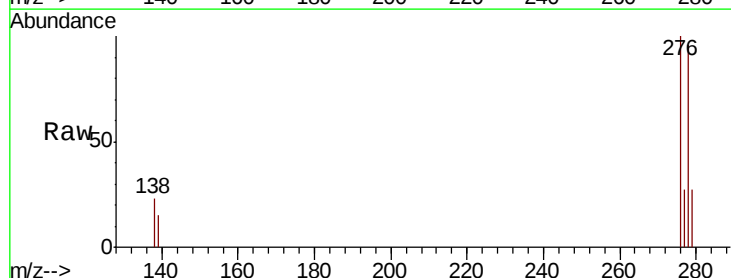
Tgt Ion:278 Resp: 23797

Ion Ratio Lower Upper

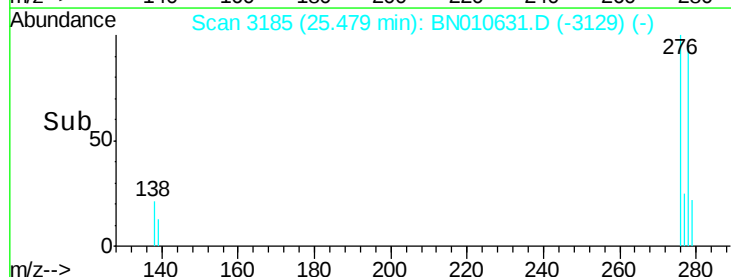
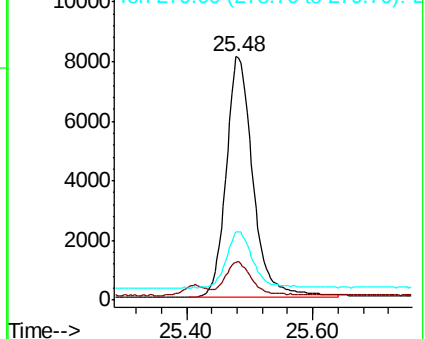
278 100

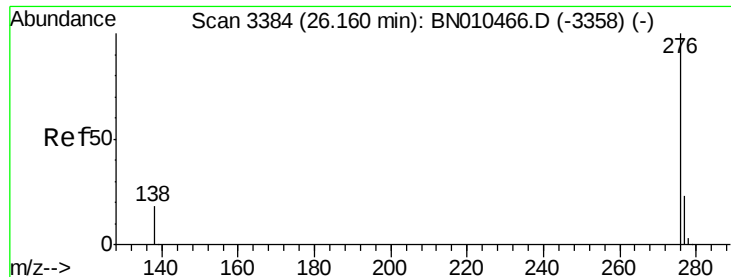
139 15.6 12.3 18.5

279 27.9 21.9 32.9



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: 0.432 ng

RT: 26.12 min Scan# 3371

Delta R.T. -0.00 min

Lab File: BN010631.D

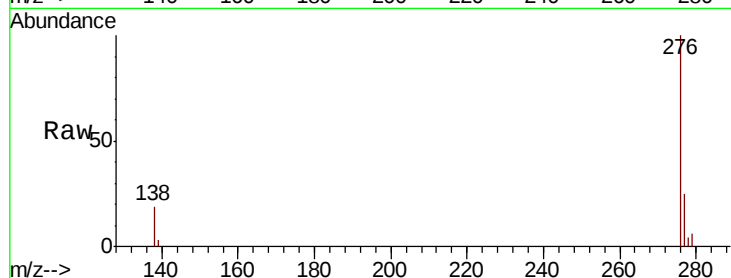
Acq: 28 Apr 2020 19:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



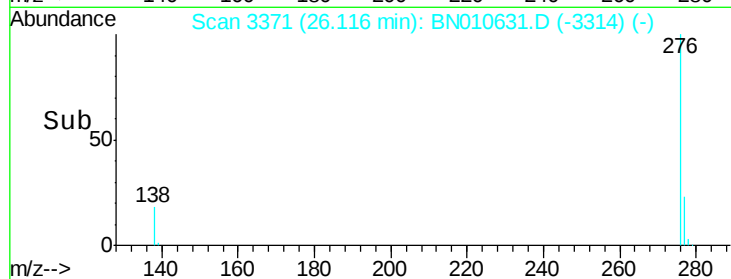
Tot Ion: 276 Resp: 24271

Ion Ratio Lower Upper

276 100

277 24.8 20.2 30.2

138 19.2 15.4 23.2



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

