

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010281.D
 Acq On : 19 Mar 2020 01:44
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 19 02:15:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3875	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13408	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	8055	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19406	0.40	ng	-0.01
27) Chrysene-d12	21.17	240	20041	0.40	ng	-0.02
34) Perylene-d12	23.35	264	22512	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3026	0.33	ng	-0.02
5) Phenol-d6	6.80	99	3739	0.33	ng	-0.02
8) Nitrobenzene-d5	8.76	82	3181	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	8459	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	1089	0.38	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	12780	0.45	ng	-0.01
25) Fluoranthene-d10	19.02	212	22028	0.37	ng	-0.02
29) Terphenyl-d14	19.63	244	17780	0.39	ng	-0.02

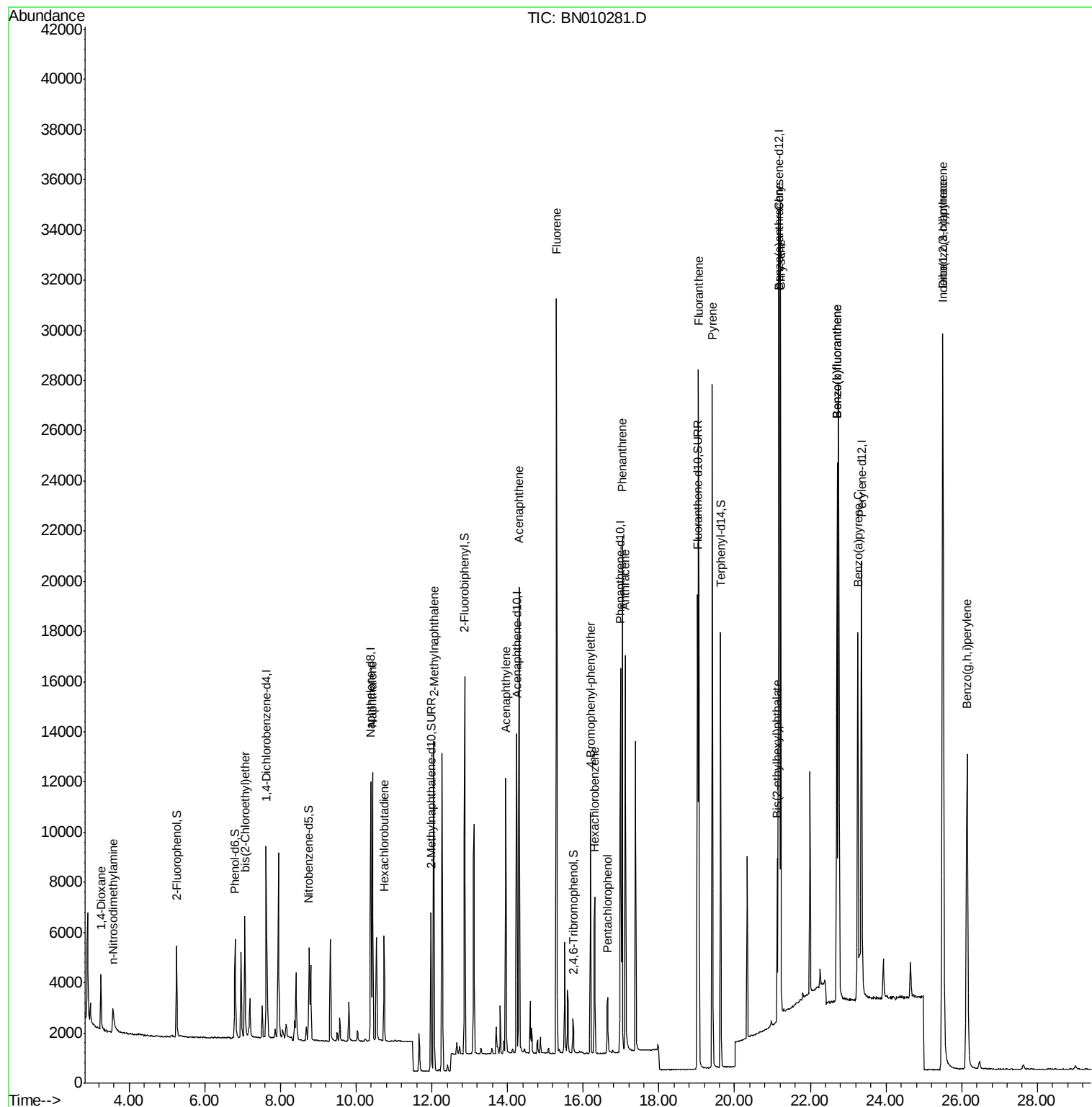
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1507	0.399	ng	# 52
3) n-Nitrosodimethylamine	3.57	42	1121	0.335	ng	# 40
6) bis(2-Chloroethyl)ether	7.06	93	3782	0.399	ng	96
9) Naphthalene	10.43	128	13309	0.396	ng	96
10) Hexachlorobutadiene	10.73	225	3331	0.431	ng	# 97
12) 2-Methylnaphthalene	12.05	142	9239	0.383	ng	94
16) Acenaphthylene	13.96	152	12024	0.323	ng	99
17) Acenaphthene	14.30	154	8957	0.397	ng	97
18) Fluorene	15.29	166	11989	0.390	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	4525	0.406	ng	# 92
21) Hexachlorobenzene	16.31	284	4888	0.449	ng	99
22) Pentachlorophenol	16.65	266	1288	0.383	ng	91
23) Phenanthrene	17.03	178	20749	0.403	ng	100
24) Anthracene	17.11	178	16920	0.330	ng	99
26) Fluoranthene	19.05	202	25006	0.383	ng	99
28) Pyrene	19.41	202	24933	0.372	ng	100
30) Benzo(a)anthracene	21.16	228	23364	0.343	ng	99
31) Chrysene	21.22	228	27722	0.413	ng	97
32) Bis(2-ethylhexyl)phthalate	21.12	149	6818	0.235	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.49	276	34648	0.435	ng	99
35) Benzo(b)fluoranthene	22.70	252	27261	0.394	ng	99
36) Benzo(k)fluoranthene	22.70	252	27255	0.390	ng	98
37) Benzo(a)pyrene	23.26	252	23179	0.355	ng	98
38) Dibenzo(a,h)anthracene	25.51	278	28615	0.437	ng	99
39) Benzo(g,h,i)perylene	26.14	276	26525	0.405	ng	97

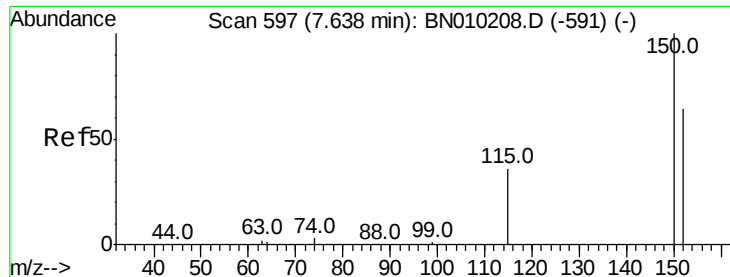
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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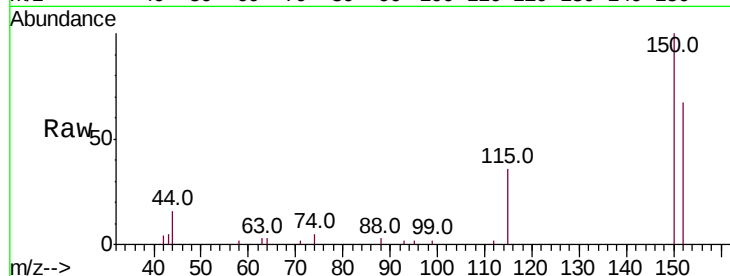


#1

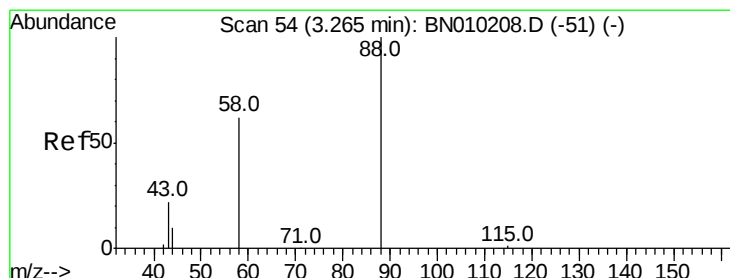
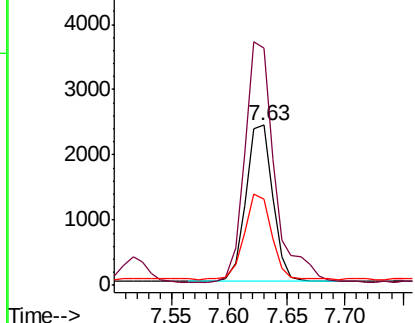
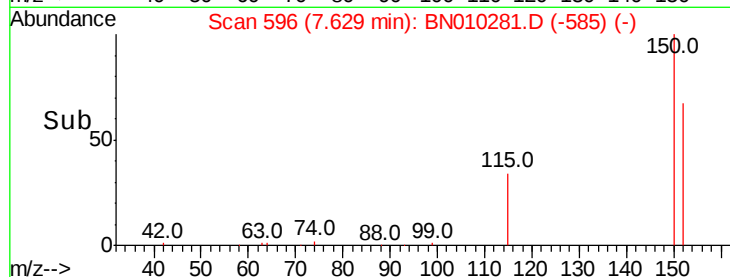
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 3875
Ion Ratio Lower Upper
152 100
150 148.8 119.5 179.3
115 53.9 50.9 76.3



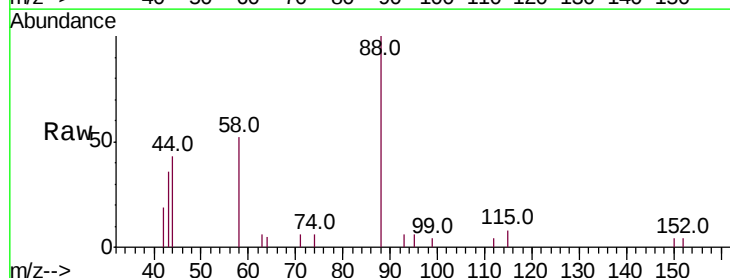
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



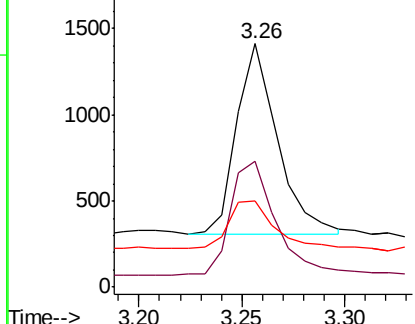
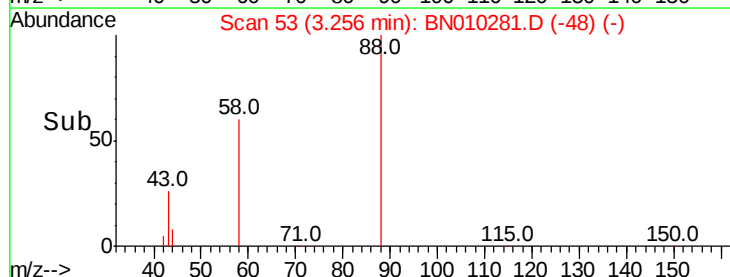
#2

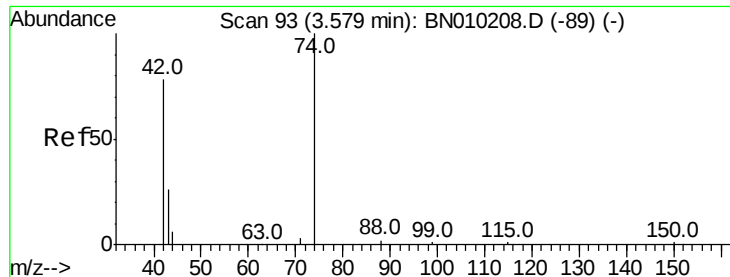
1,4-Dioxane
Concen: 0.399 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion: 88 Resp: 1507
Ion Ratio Lower Upper
88 100
58 64.9 97.8 146.8#
43 27.1 45.1 67.7#



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: 0.335 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

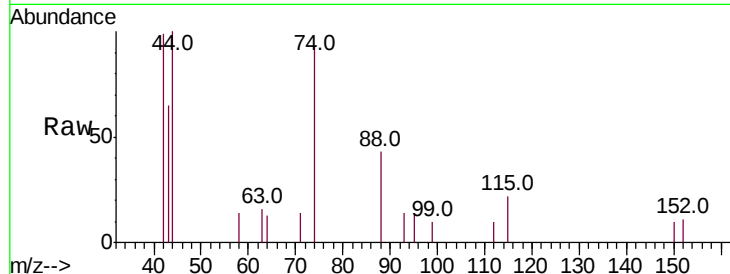
Tot Ion: 42 Resp: 1121

Ion Ratio Lower Upper

42 100

74 113.4 51.2 76.8#

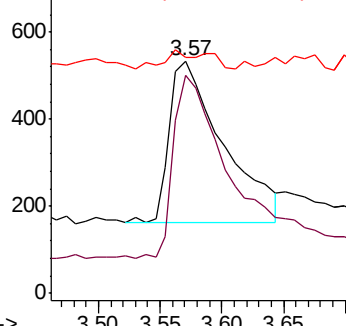
44 6.2 2.6 4.0#



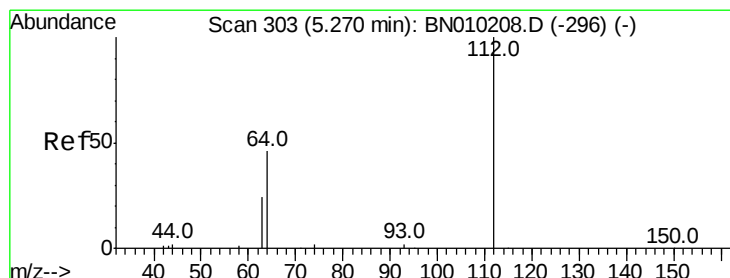
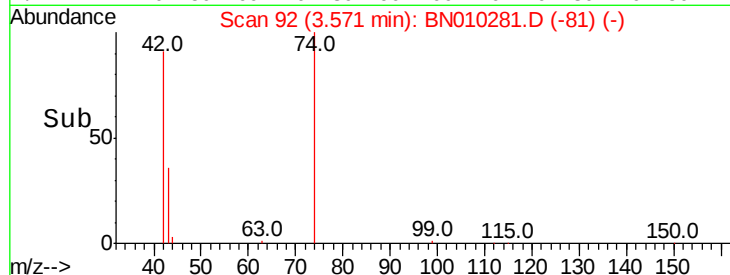
Abundance Ion 42.00 (41.70 to 42.70): BN010208.D (-89) (-)

Ion 74.00 (73.70 to 74.70): BN010208.D (-89) (-)

Ion 44.00 (43.70 to 44.70): BN010208.D (-89) (-)



Time-->



#4

2-Fluorophenol

Concen: 0.333 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

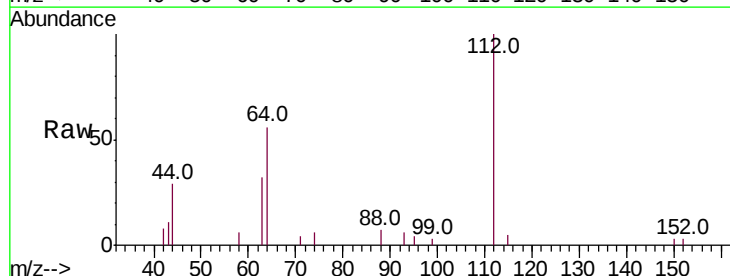
Tgt Ion: 112 Resp: 3026

Ion Ratio Lower Upper

112 100

64 51.7 42.6 63.8

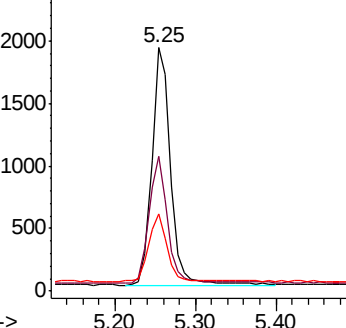
63 27.9 23.6 35.4



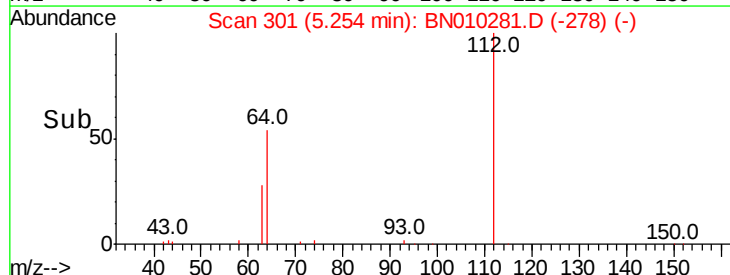
Abundance Ion 112.00 (111.70 to 112.70): BN010208.D (-296) (-)

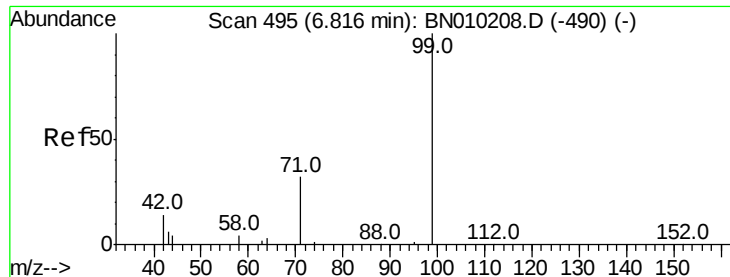
Ion 64.00 (63.70 to 64.70): BN010208.D (-296) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-296) (-)



Time-->





#5

Phenol-d6

Concen: 0.329 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

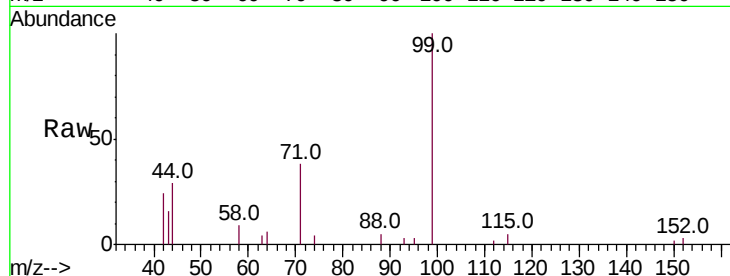
Tot Ion: 99 Resp: 3739

Ion Ratio Lower Upper

99 100

42 19.1 12.0 18.0#

71 35.5 22.6 33.8#

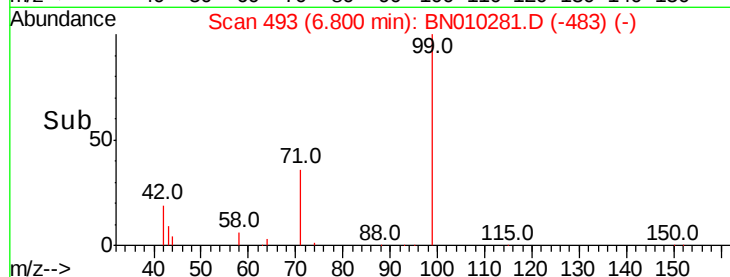


Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

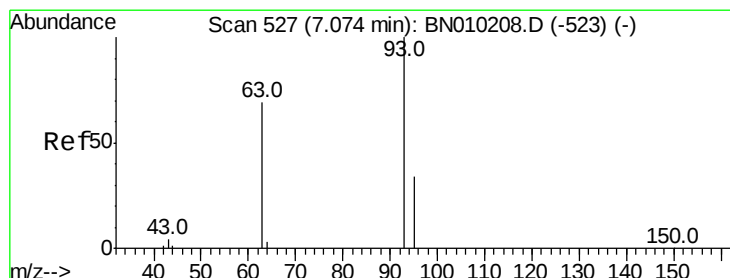
Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.399 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

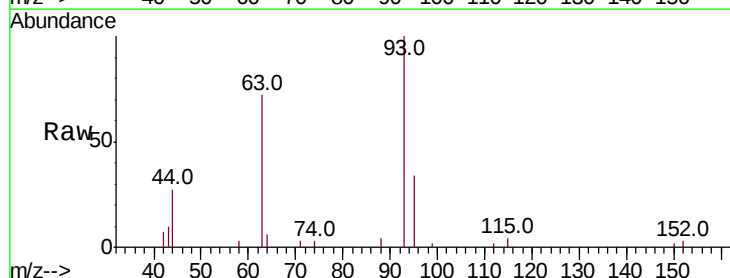
Tgt Ion: 93 Resp: 3782

Ion Ratio Lower Upper

93 100

63 68.7 53.4 80.0

95 32.5 28.6 42.8

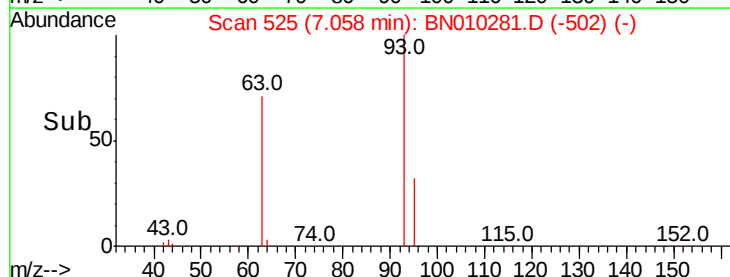


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

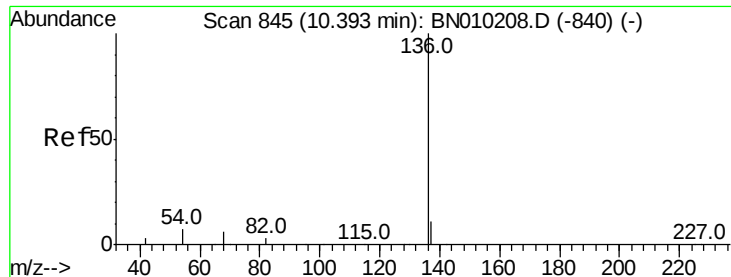
Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 13408

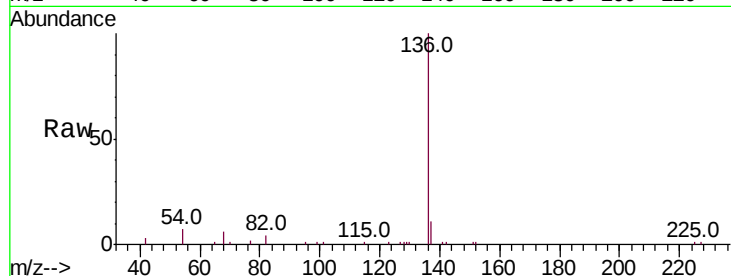
Ion Ratio Lower Upper

136 100

137 11.5 10.6 15.8

54 6.7 9.5 14.3#

68 5.7 9.7 14.5#



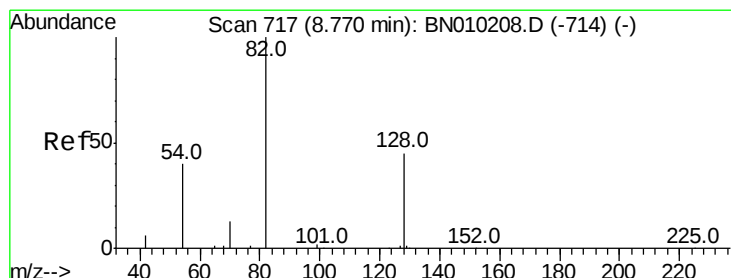
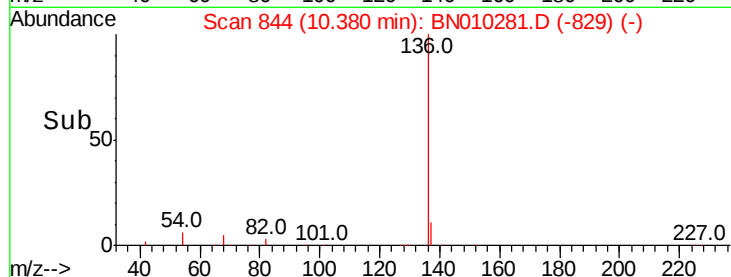
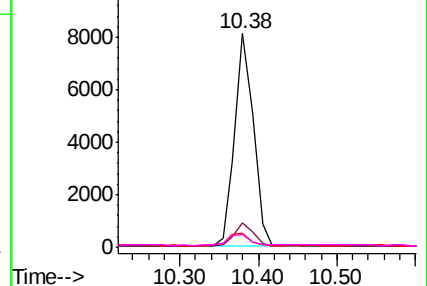
Abundance

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: 0.396 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

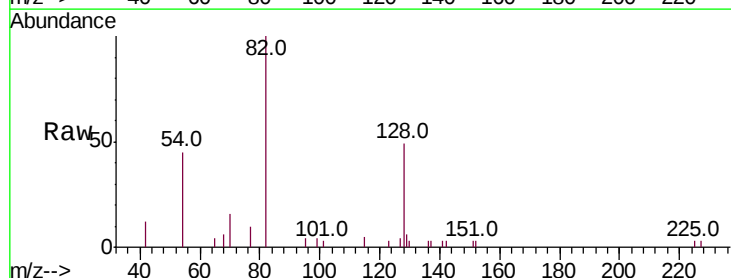
Tgt Ion: 82 Resp: 3181

Ion Ratio Lower Upper

82 100

128 48.9 35.0 52.6

54 44.7 37.0 55.4

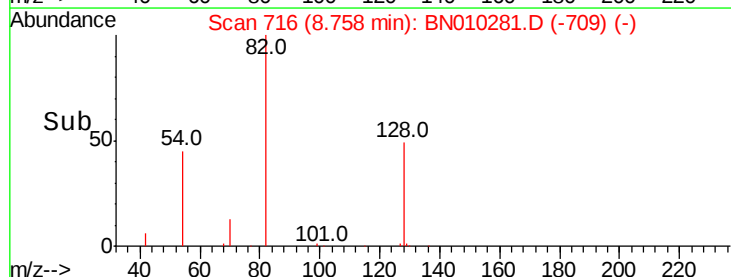
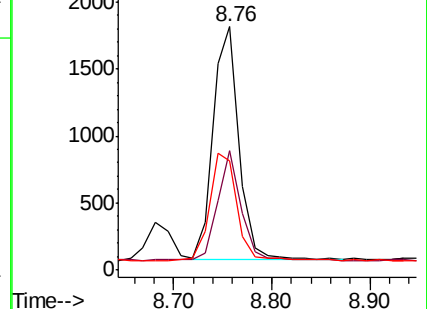


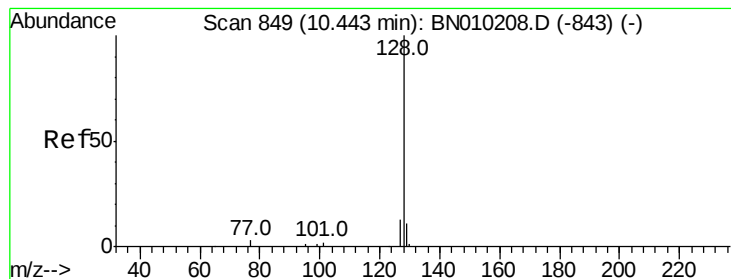
Abundance

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: 0.396 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

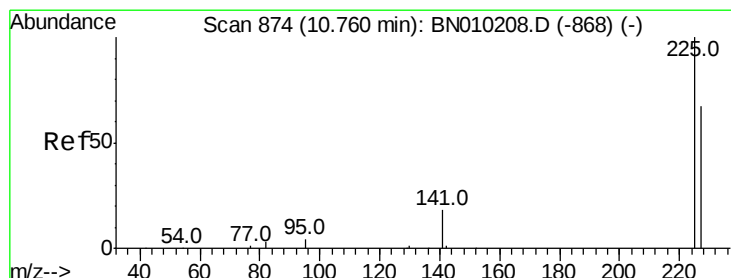
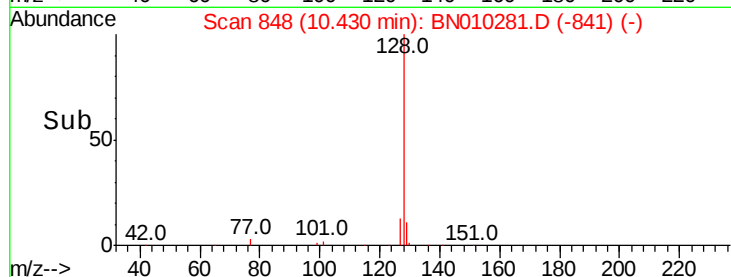
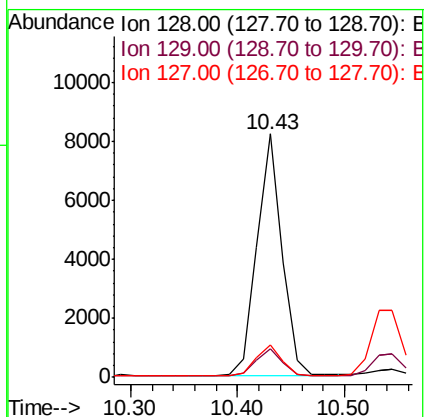
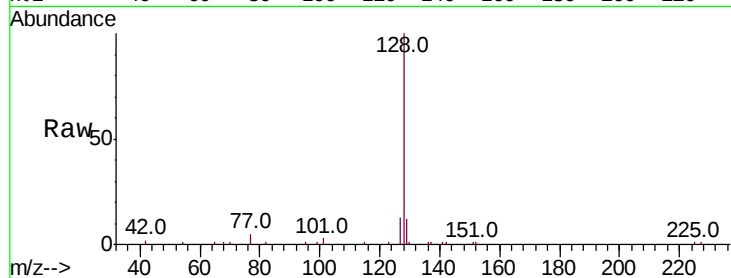
Tot Ion:128 Resp: 13309

Ion Ratio Lower Upper

128 100

129 11.5 10.5 15.7

127 13.4 12.1 18.1



#10

Hexachlorobutadiene

Concen: 0.431 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.03 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

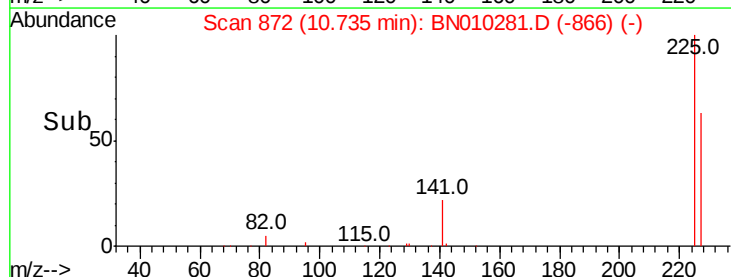
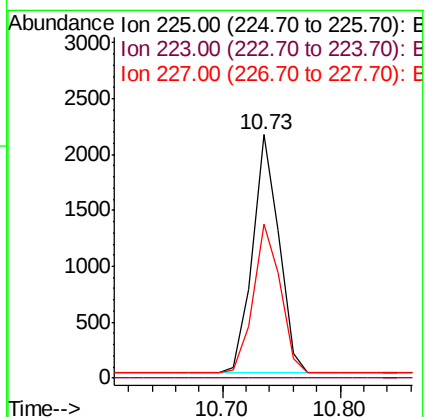
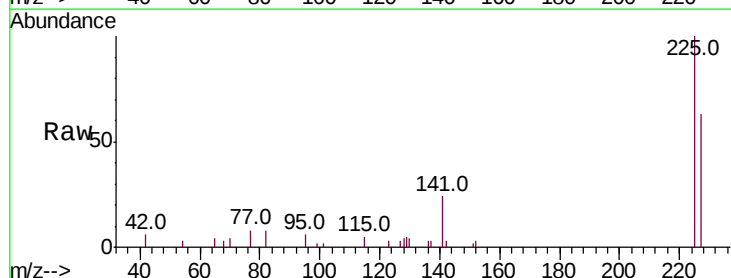
Tgt Ion:225 Resp: 3331

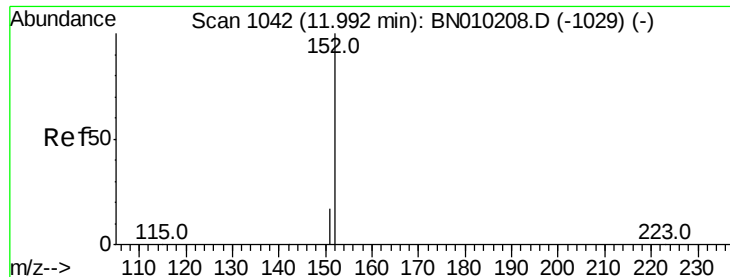
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.4 53.4 80.2

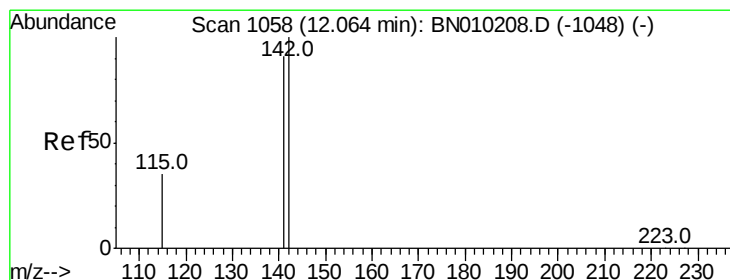
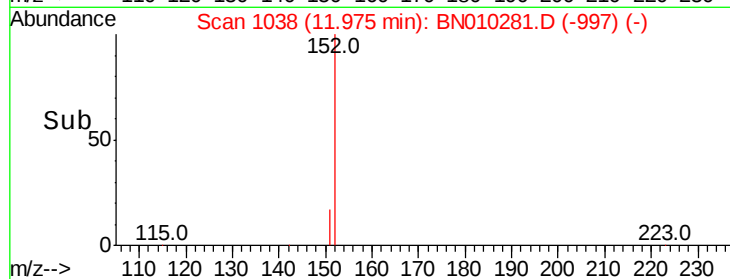
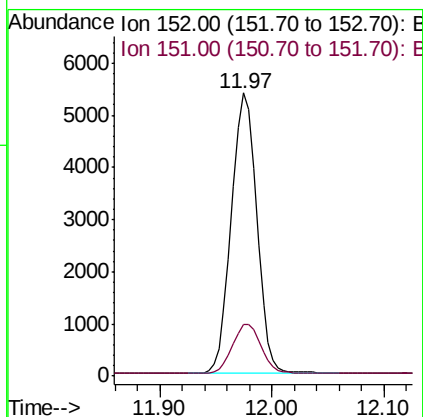
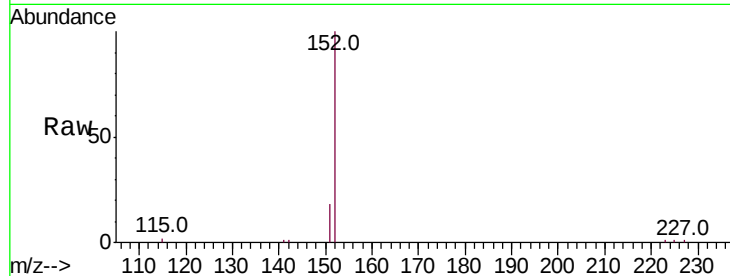




#11
 2-Methylnaphthalene-d10
 Concen: 0.382 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BN010281.D
 Acq: 19 Mar 2020 01:44

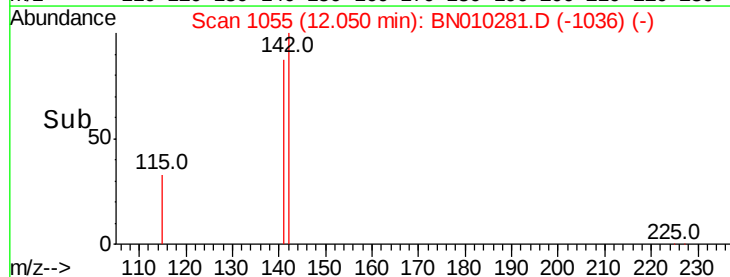
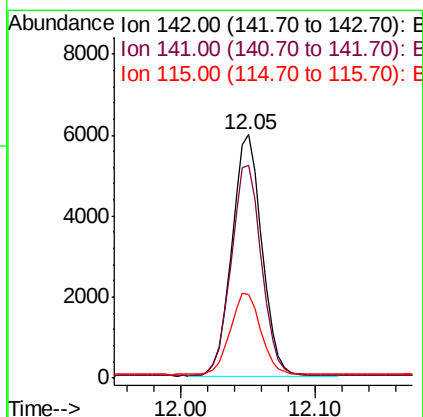
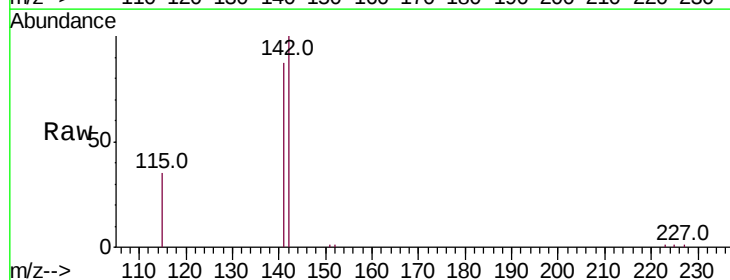
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

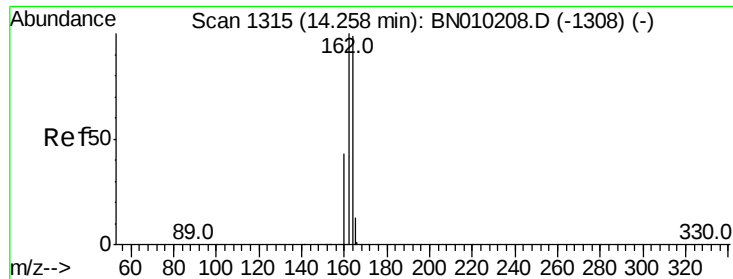
Tot Ion:152 Resp: 8459
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.383 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN010281.D
 Acq: 19 Mar 2020 01:44

Tgt Ion:142 Resp: 9239
 Ion Ratio Lower Upper
 142 100
 141 87.4 73.7 110.5
 115 34.5 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

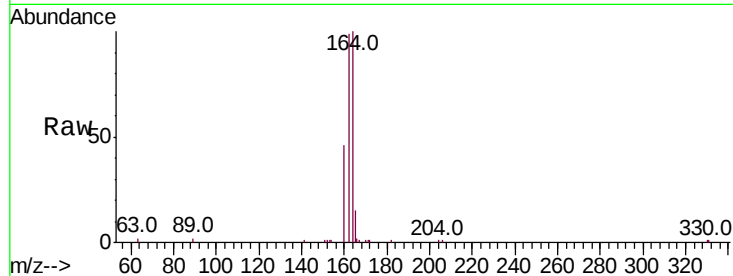
Tot Ion:164 Resp: 8055

Ion Ratio Lower Upper

164 100

162 98.8 81.0 121.4

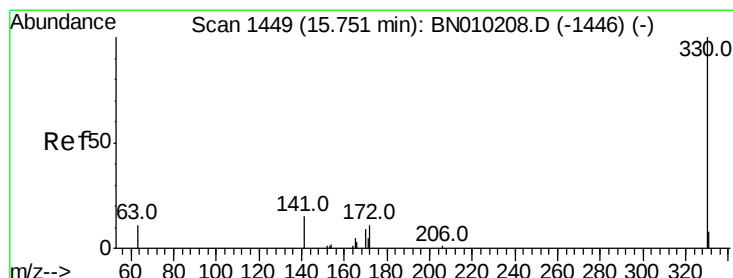
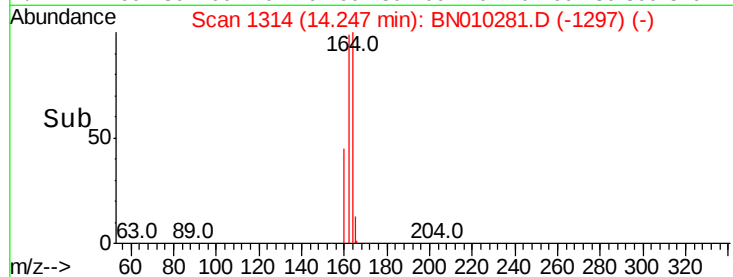
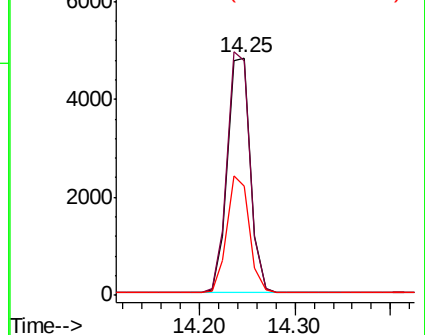
160 45.9 35.6 53.4



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: 0.378 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

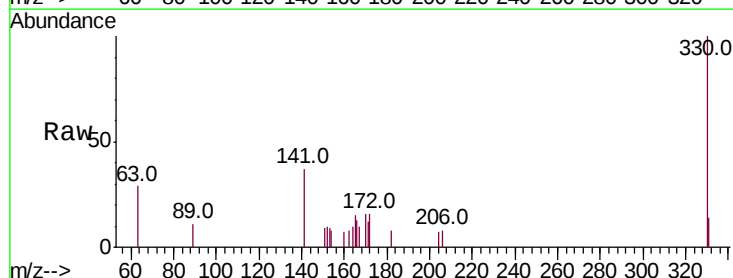
Tgt Ion:330 Resp: 1089

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

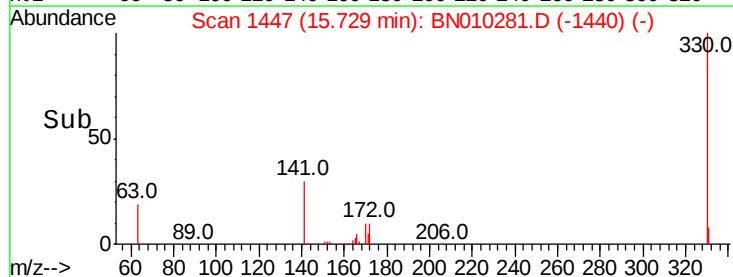
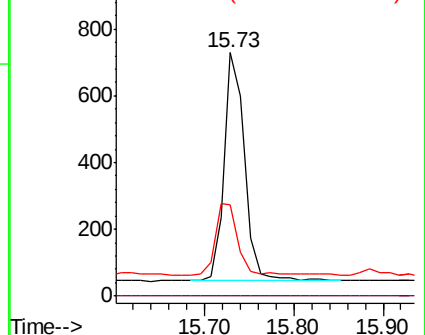
141 34.7 25.1 37.7

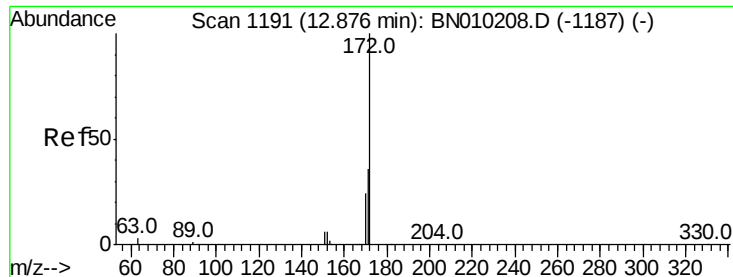


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

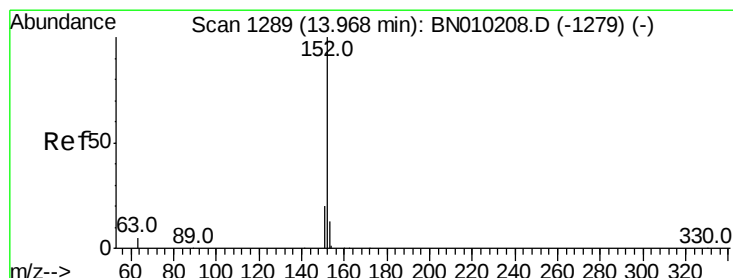
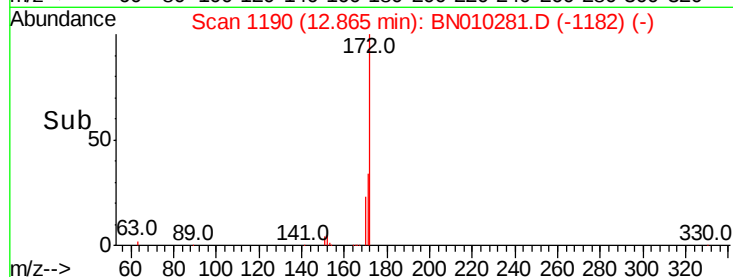
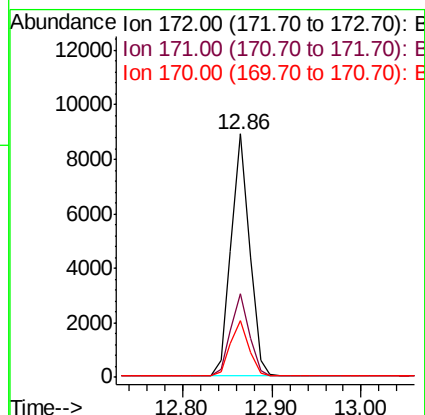
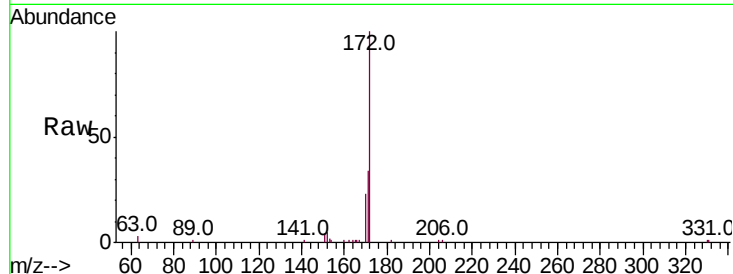




#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

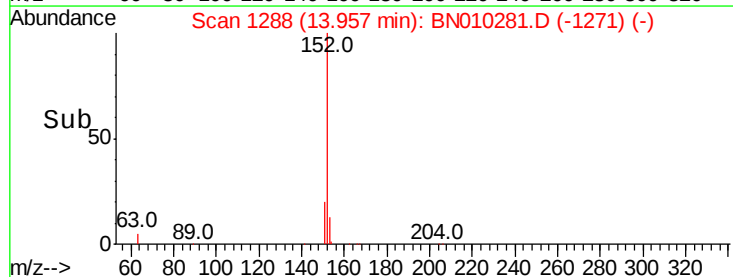
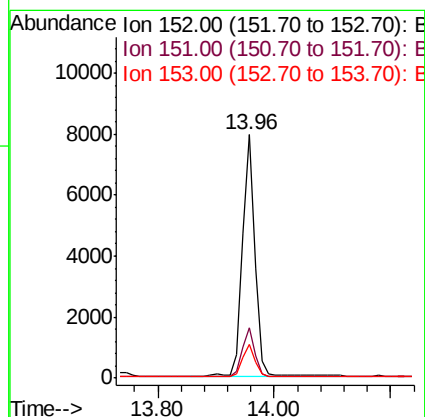
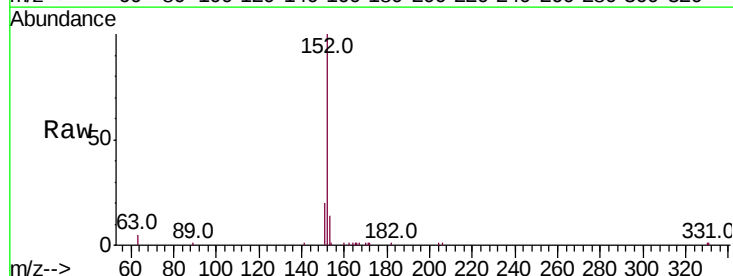
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

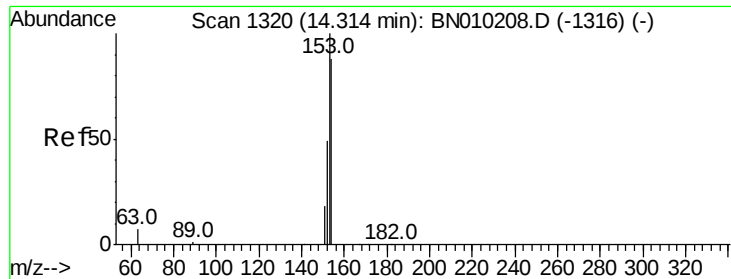
Tot Ion:172 Resp: 12780
Ion Ratio Lower Upper
172 100
171 34.4 29.4 44.2
170 23.1 20.2 30.4



#16
Acenaphthylene
Concen: 0.323 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BN010281.D
Acq: 19 Mar 2020 01:44

Tgt Ion:152 Resp: 12024
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.397 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

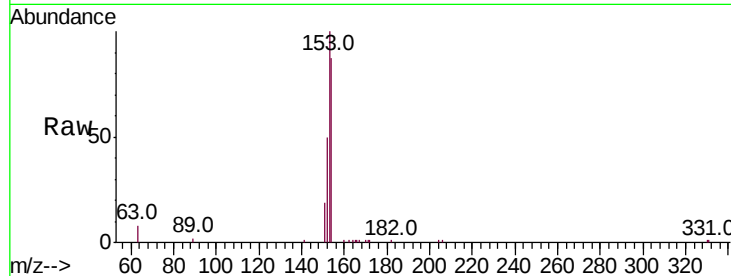
Tot Ion:154 Resp: 8957

Ion Ratio Lower Upper

154 100

153 111.3 90.3 135.5

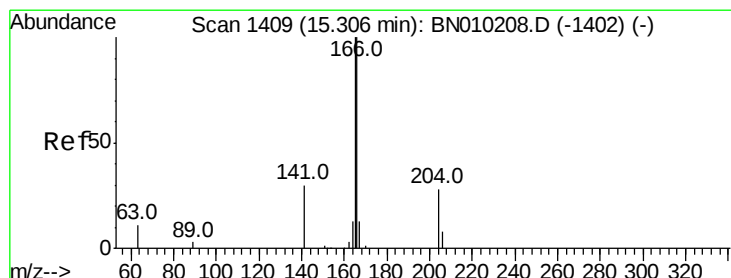
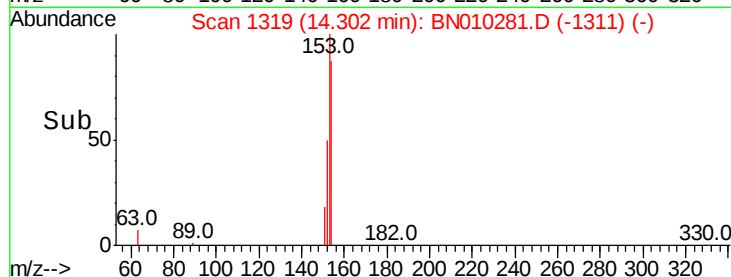
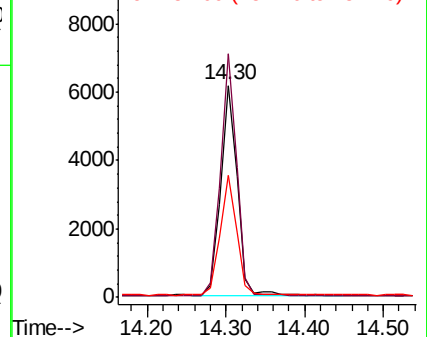
152 56.9 42.9 64.3



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: 15.29 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

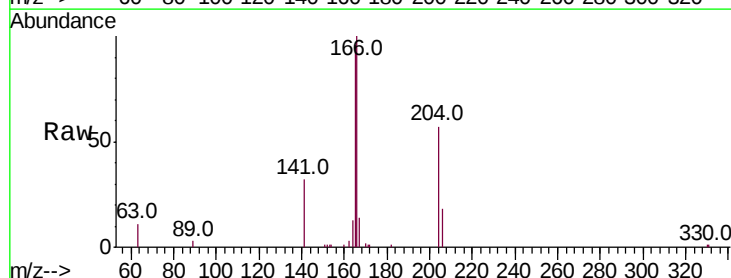
Tgt Ion:166 Resp: 11989

Ion Ratio Lower Upper

166 100

165 96.4 78.3 117.5

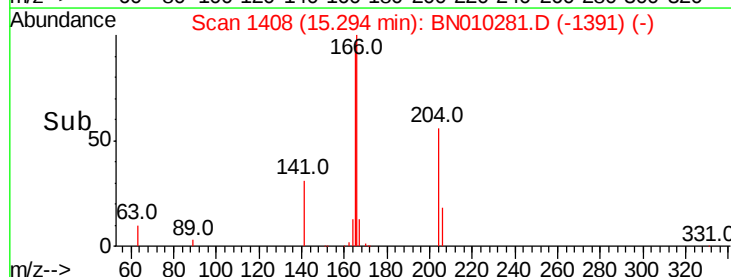
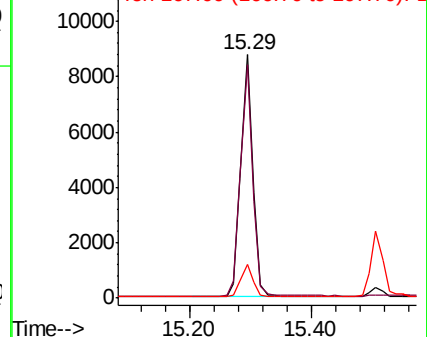
167 13.3 10.7 16.1

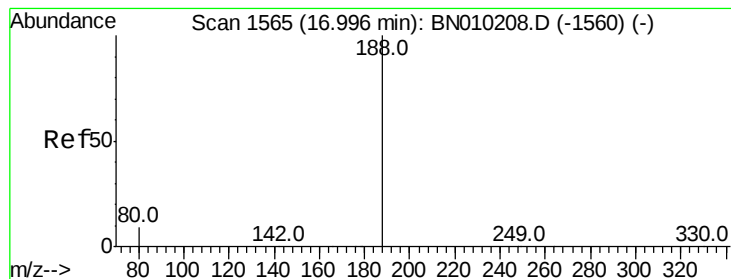


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

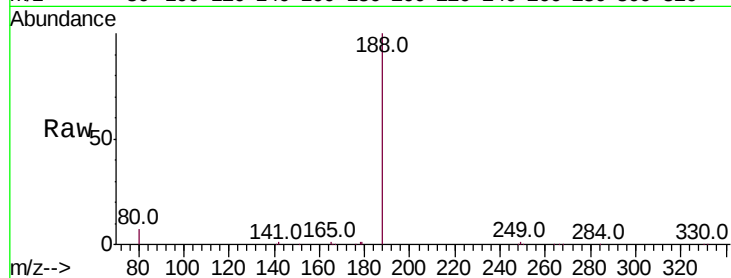
Tot Ion:188 Resp: 19406

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

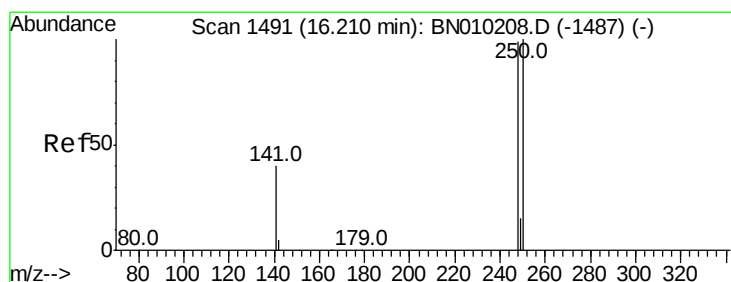
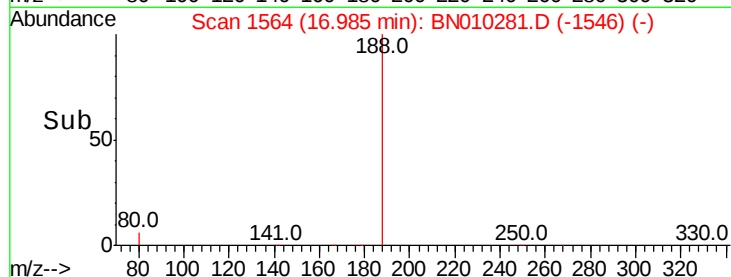
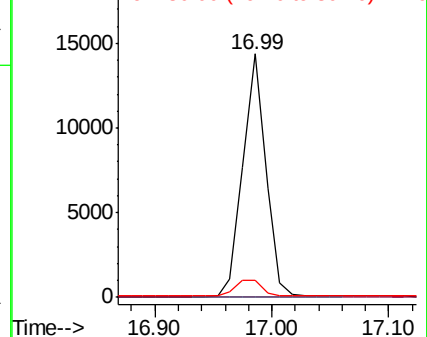
80 6.9 8.6 12.8#



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: 0.406 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

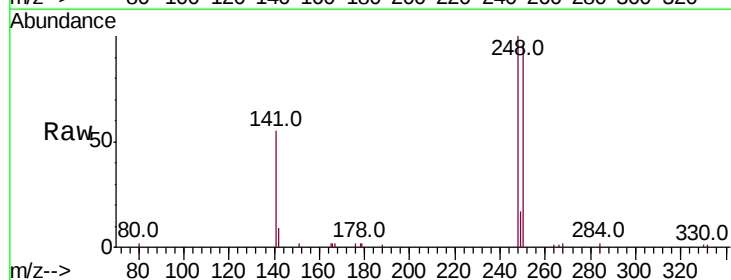
Tgt Ion:248 Resp: 4525

Ion Ratio Lower Upper

248 100

250 96.2 81.2 121.8

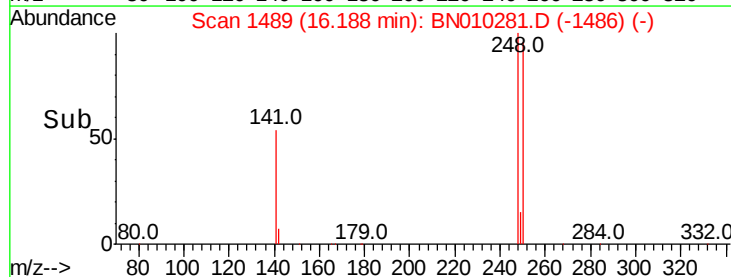
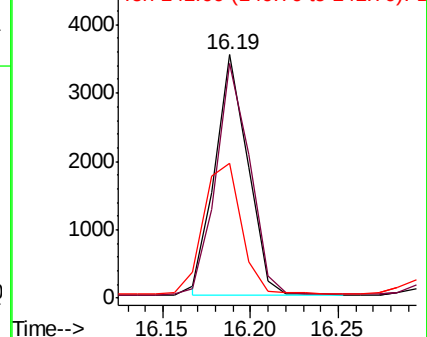
141 55.3 36.7 55.1#

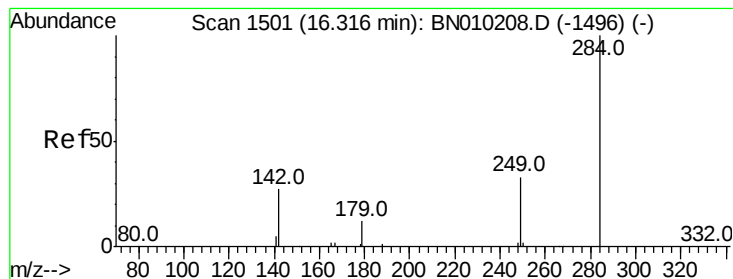


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.449 ng

RT: 16.31 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

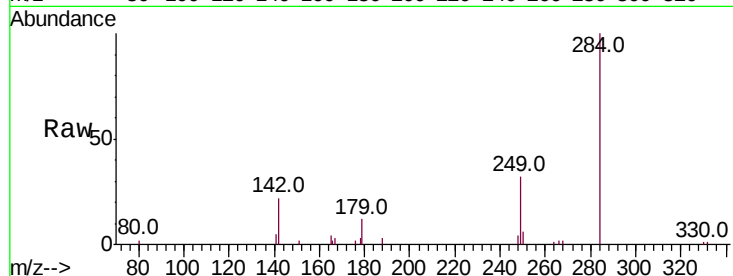
Tot Ion:284 Resp: 4888

Ion Ratio Lower Upper

284 100

142 33.6 27.8 41.6

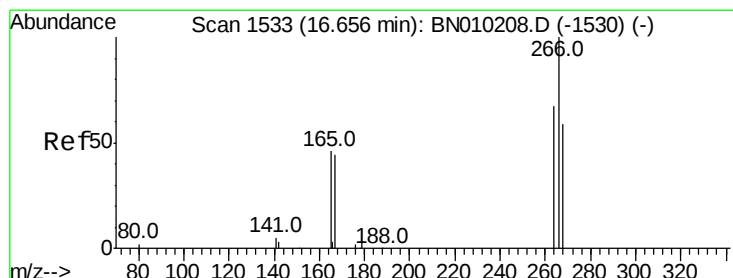
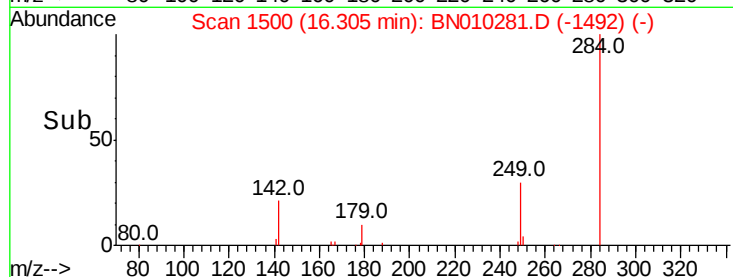
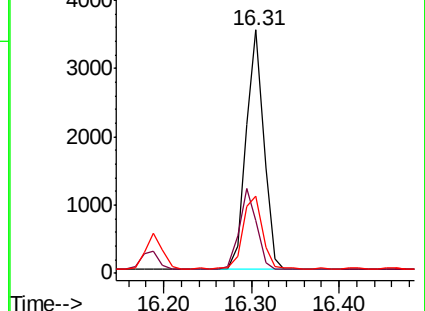
249 33.3 26.6 39.8



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: 0.383 ng

RT: 16.65 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

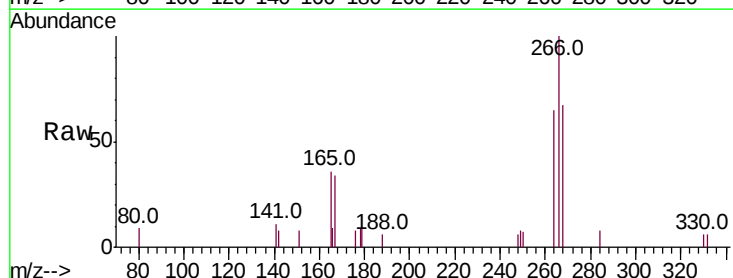
Tgt Ion:266 Resp: 1288

Ion Ratio Lower Upper

266 100

264 64.7 56.2 84.2

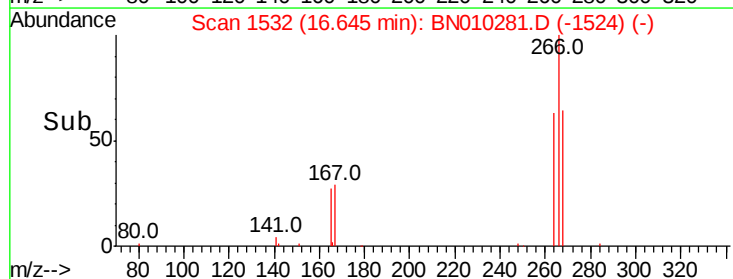
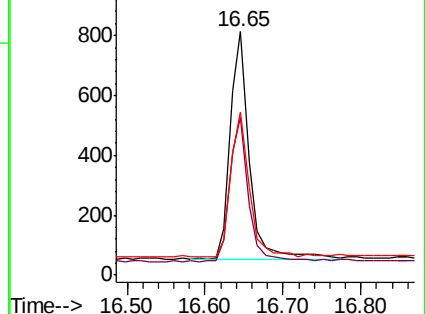
268 67.2 61.4 92.2

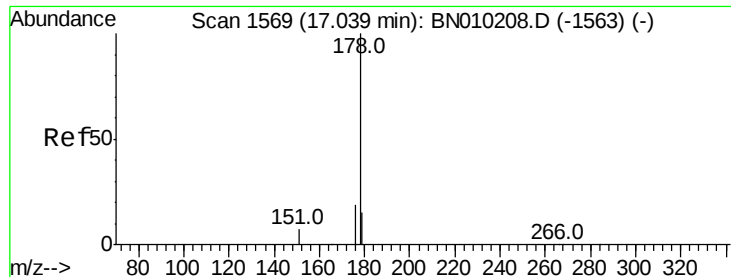


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

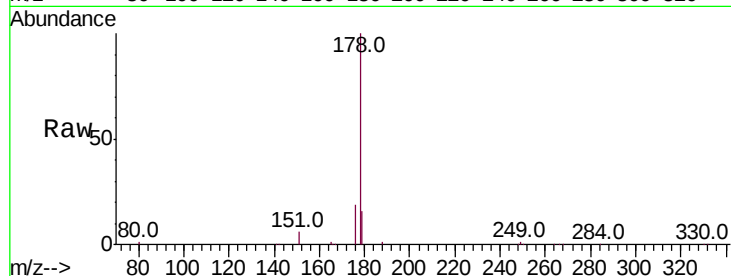
Tot Ion:178 Resp: 20749

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

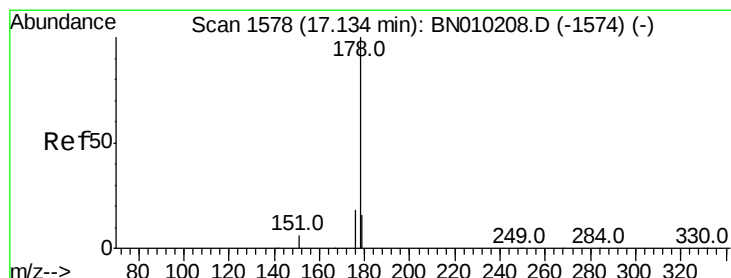
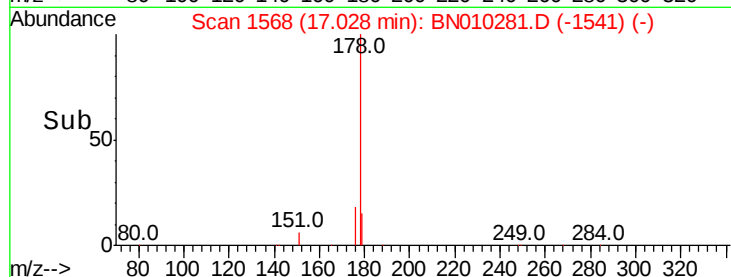
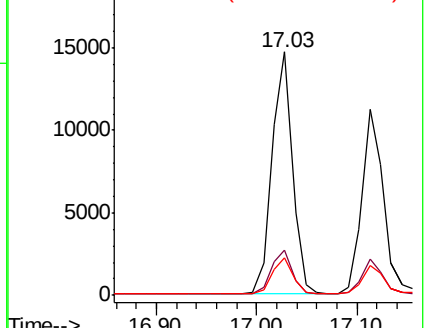
179 15.3 12.5 18.7



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: 0.330 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

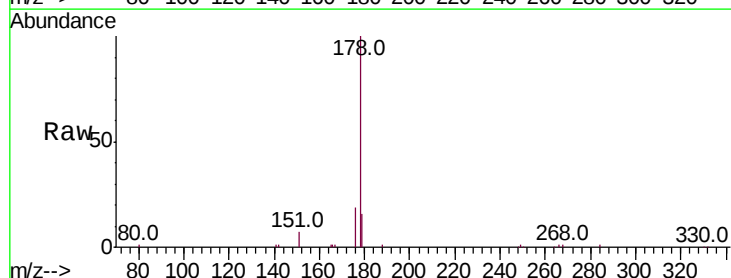
Tgt Ion:178 Resp: 16920

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

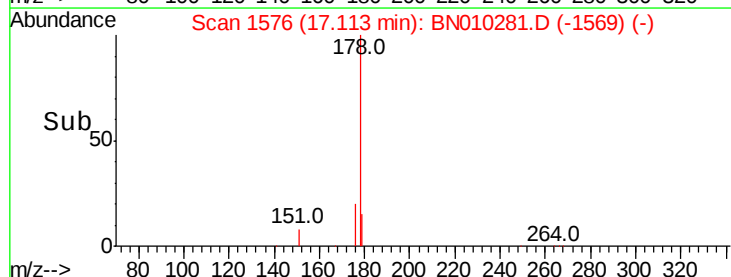
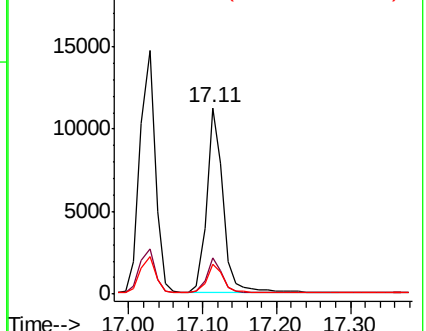
179 15.8 12.5 18.7

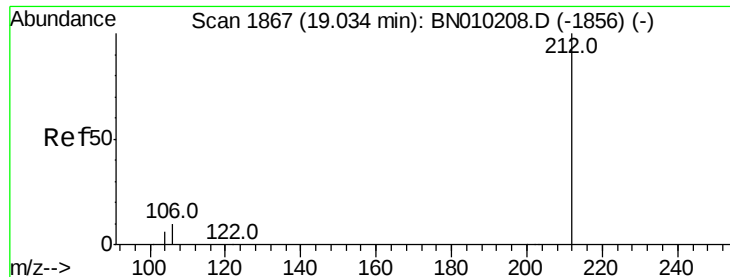


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

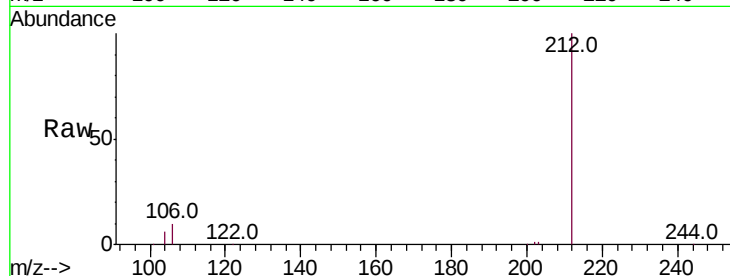
Tot Ion:212 Resp: 22028

Ion Ratio Lower Upper

212 100

106 9.4 8.1 12.1

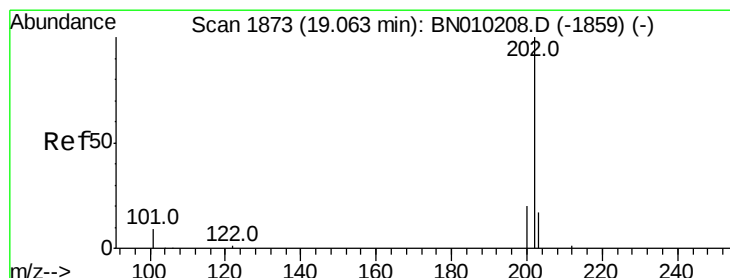
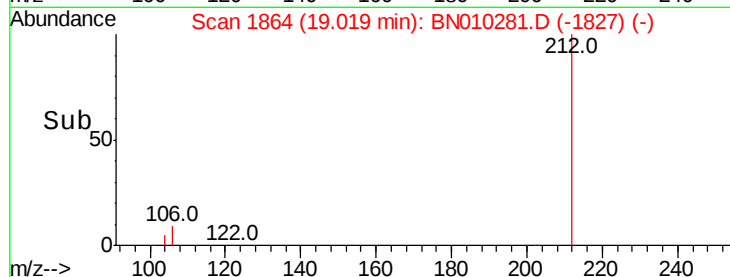
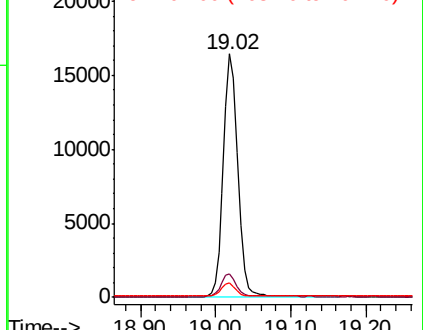
104 5.3 4.7 7.1



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: 0.383 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

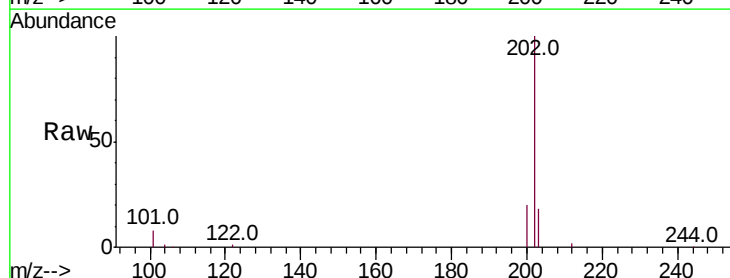
Tgt Ion:202 Resp: 25006

Ion Ratio Lower Upper

202 100

101 8.2 7.0 10.6

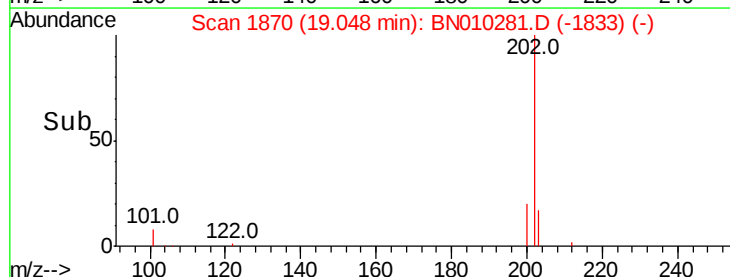
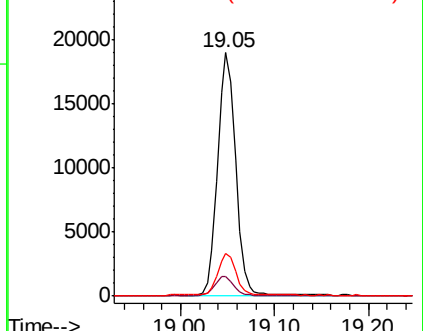
203 17.2 13.9 20.9

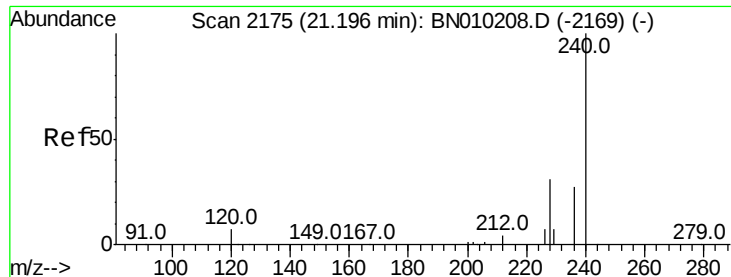


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2173

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

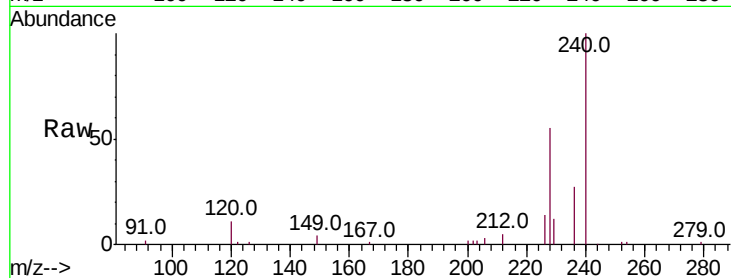
Tot Ion:240 Resp: 20041

Ion Ratio Lower Upper

240 100

120 11.2 7.7 11.5

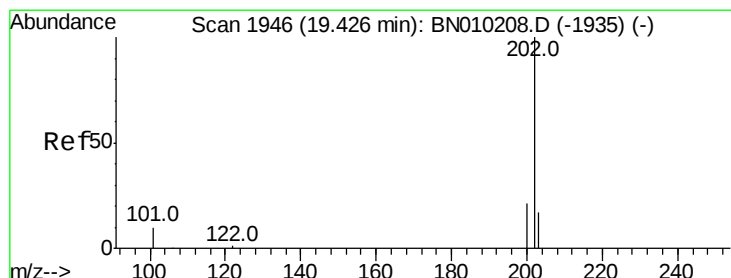
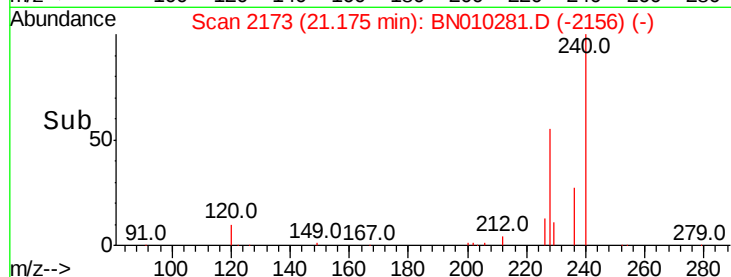
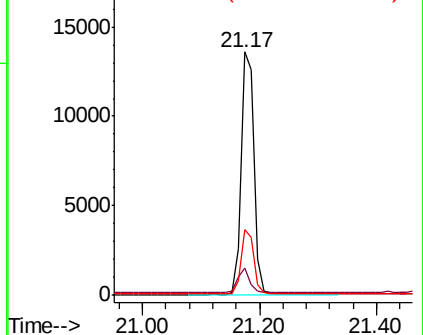
236 27.2 21.8 32.6



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: 0.372 ng

RT: 19.41 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

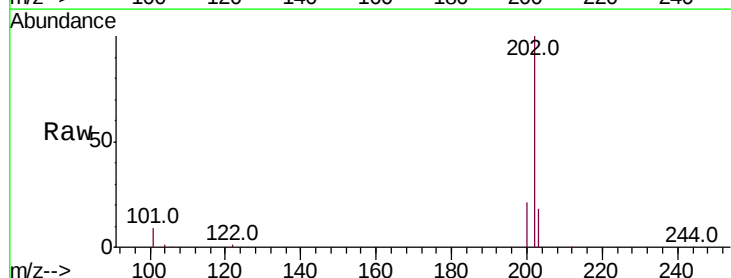
Tgt Ion:202 Resp: 24933

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

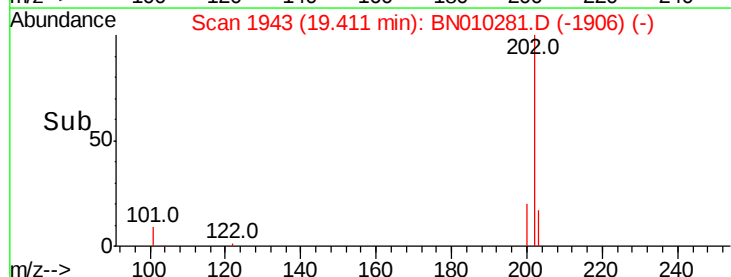
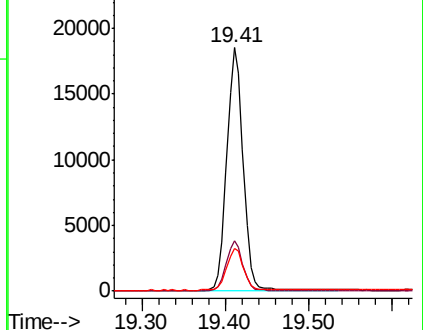
203 17.8 14.1 21.1

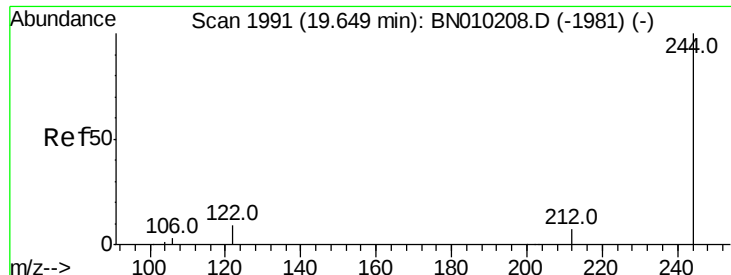


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.389 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

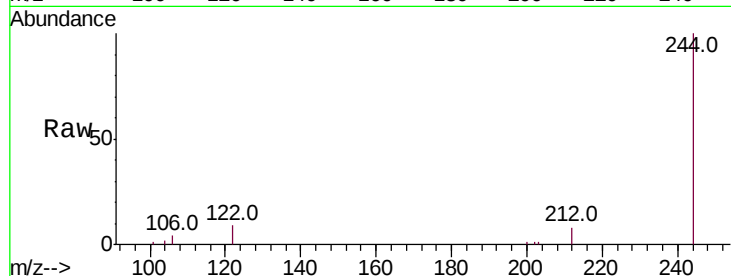
Tot Ion:244 Resp: 17780

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

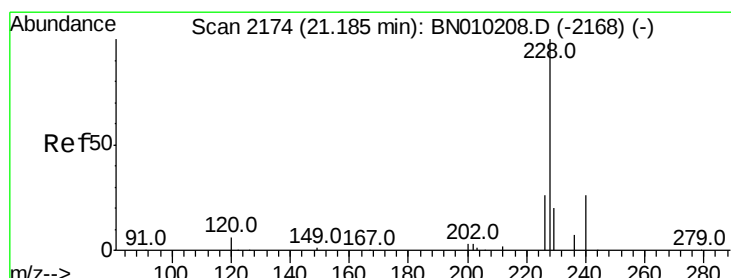
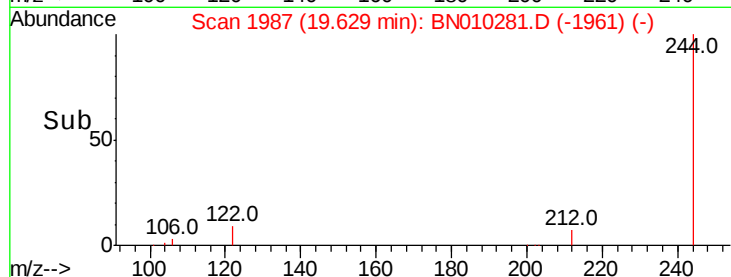
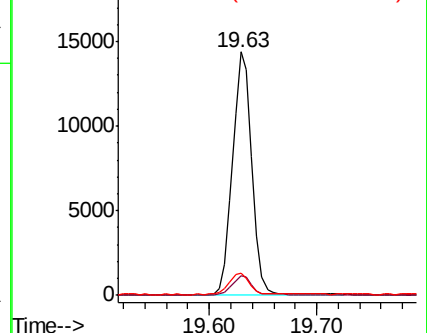
122 9.4 8.1 12.1



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: 0.343 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

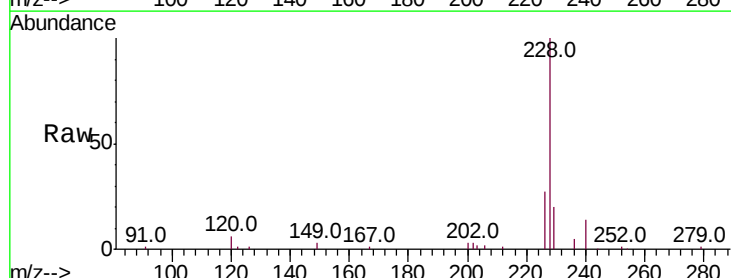
Tgt Ion:228 Resp: 23364

Ion Ratio Lower Upper

228 100

226 26.8 21.1 31.7

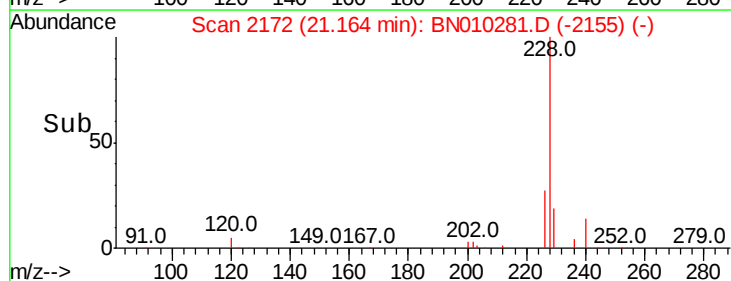
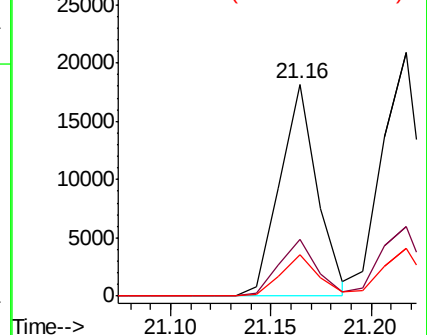
229 19.7 16.2 24.4

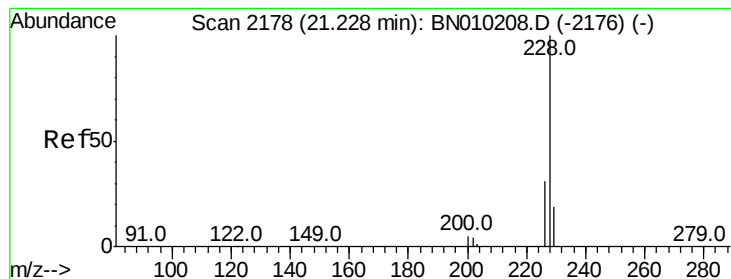


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.413 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

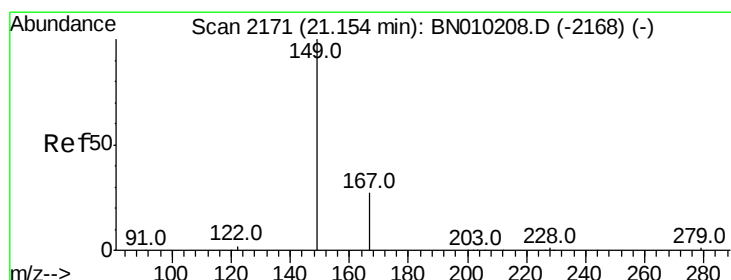
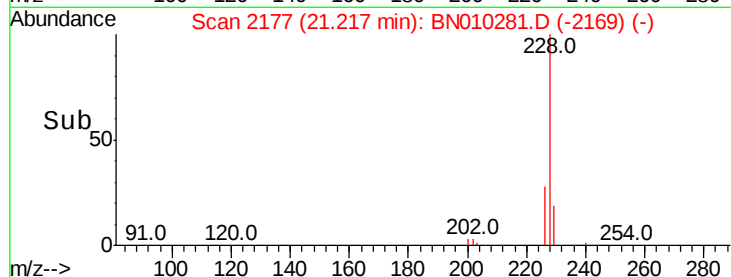
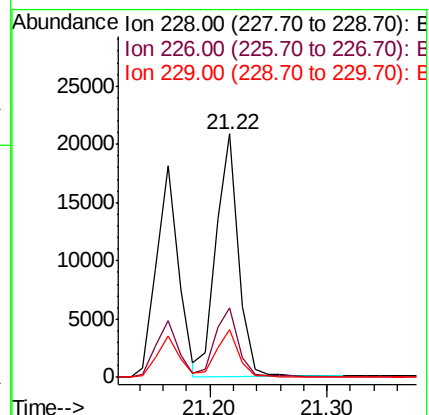
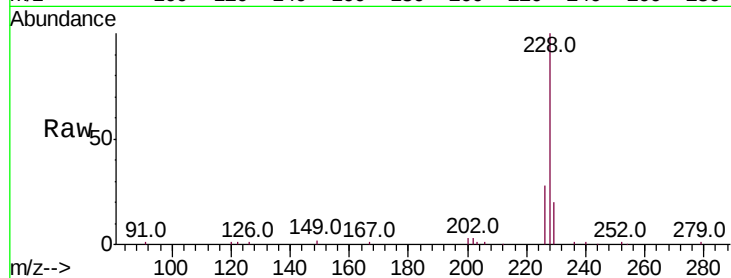
Tot Ion:228 Resp: 27722

Ion Ratio Lower Upper

228 100

226 28.5 25.0 37.4

229 19.7 15.7 23.5



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.235 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

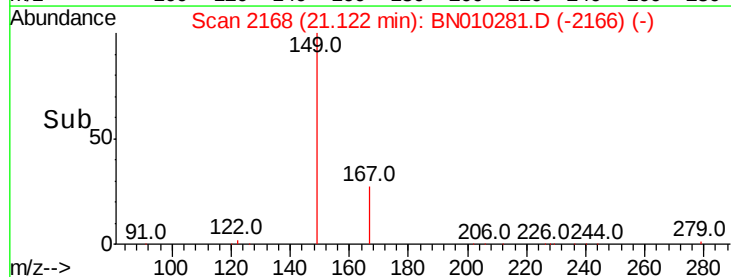
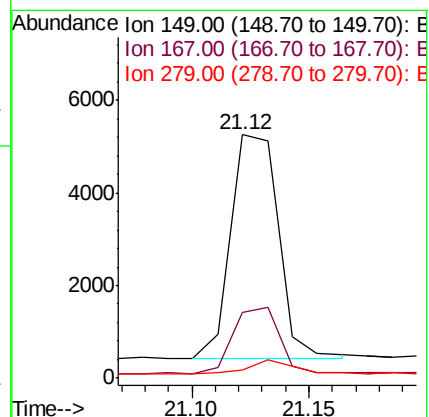
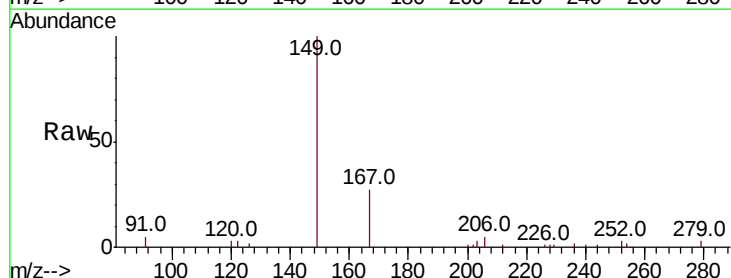
Tgt Ion:149 Resp: 6818

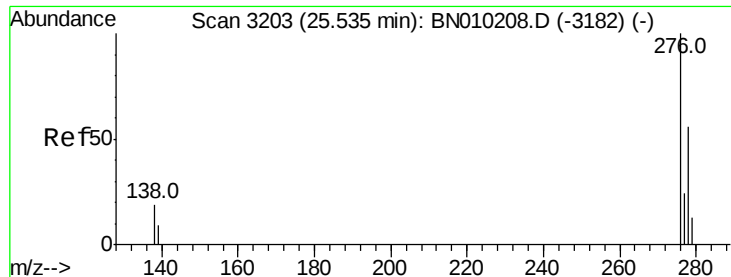
Ion Ratio Lower Upper

149 100

167 28.2 21.0 31.4

279 5.0 3.1 4.7#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.435 ng

RT: 25.49 min Scan# 3191

Delta R.T. -0.04 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

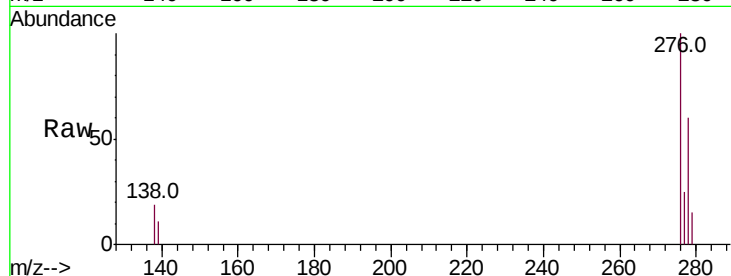
Tot Ion:276 Resp: 34648

Ion Ratio Lower Upper

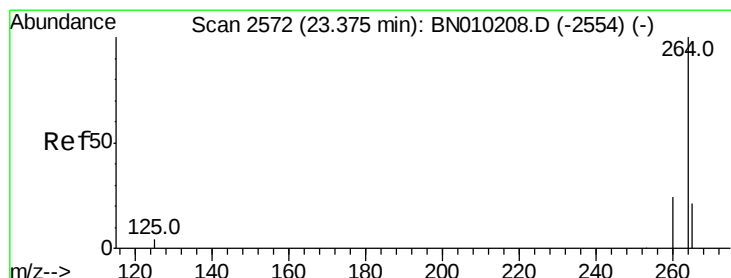
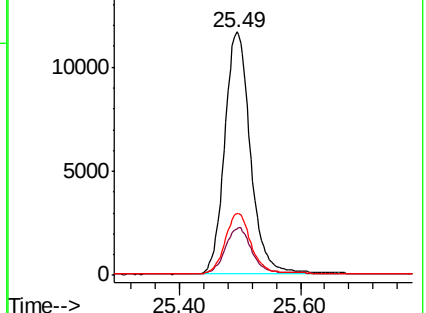
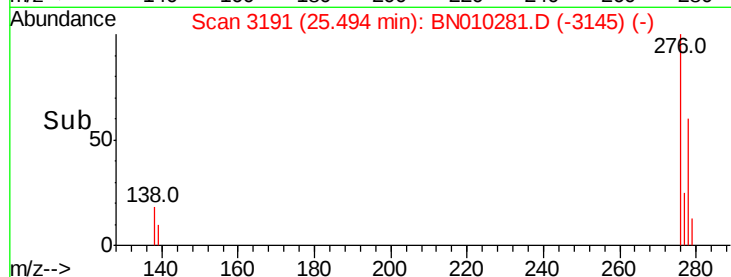
276 100

138 19.5 15.8 23.6

277 24.7 19.3 28.9



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: 23.35 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

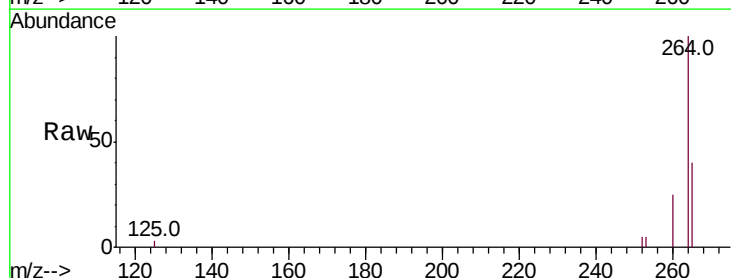
Tgt Ion:264 Resp: 22512

Ion Ratio Lower Upper

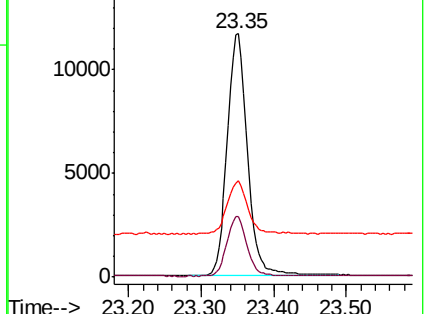
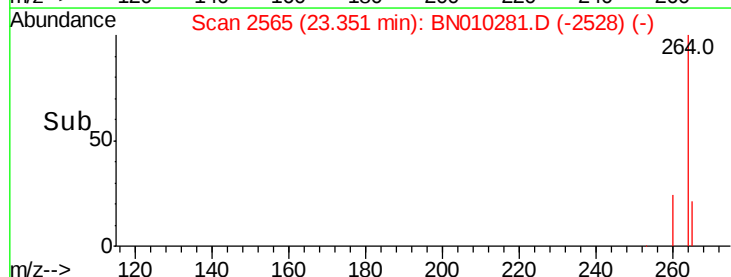
264 100

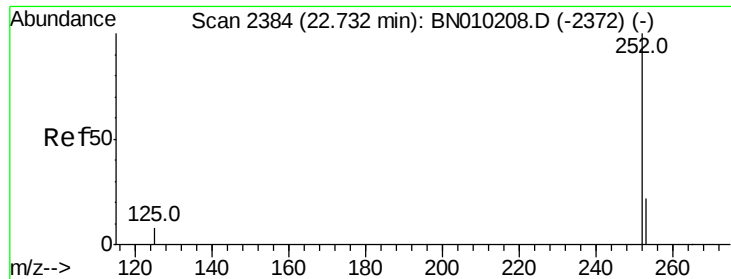
260 24.7 19.7 29.5

265 39.5 25.8 38.6#



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: 0.394 ng

RT: 22.70 min Scan# 2376

Delta R.T. -0.03 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

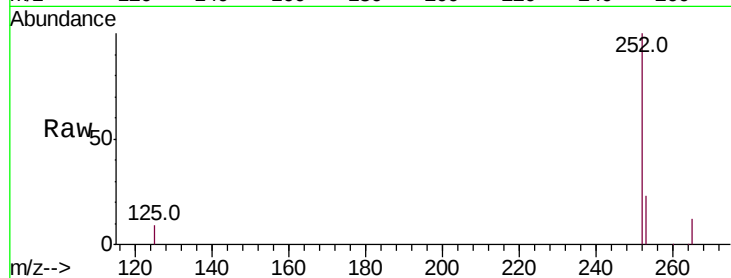
Tot Ion:252 Resp: 27261

Ion Ratio Lower Upper

252 100

253 23.4 18.6 28.0

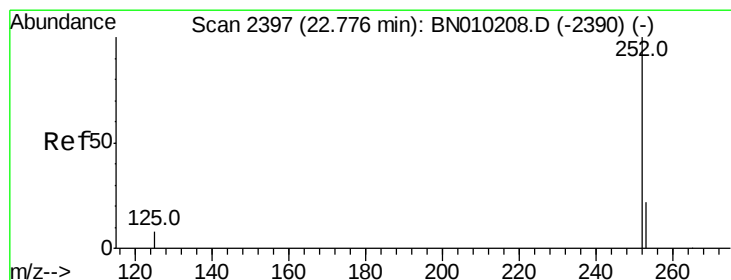
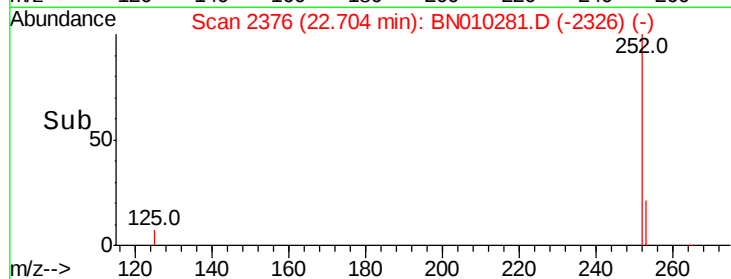
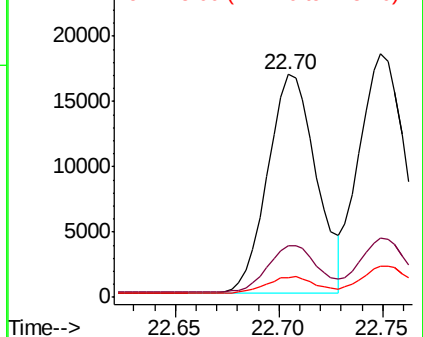
125 8.6 7.9 11.9



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



#36

Benzo(k)fluoranthene

Concen: 0.390 ng

RT: 22.70 min Scan# 2376

Delta R.T. -0.07 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

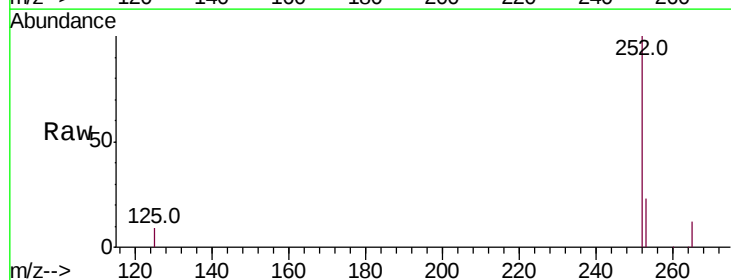
Tgt Ion:252 Resp: 27255

Ion Ratio Lower Upper

252 100

253 23.4 18.8 28.2

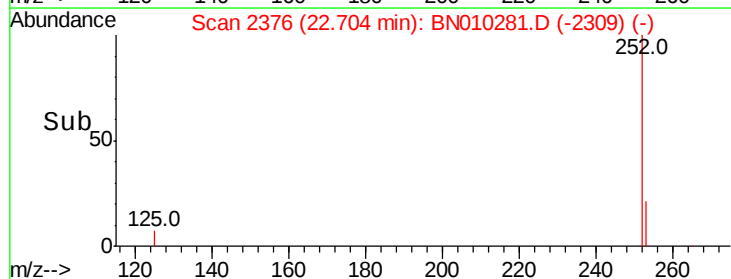
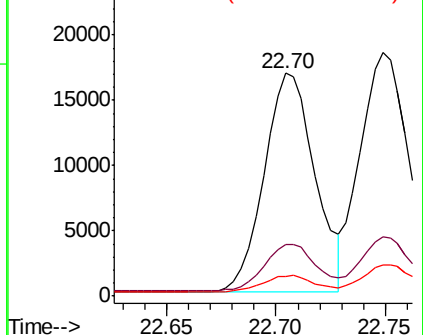
125 8.6 8.2 12.4

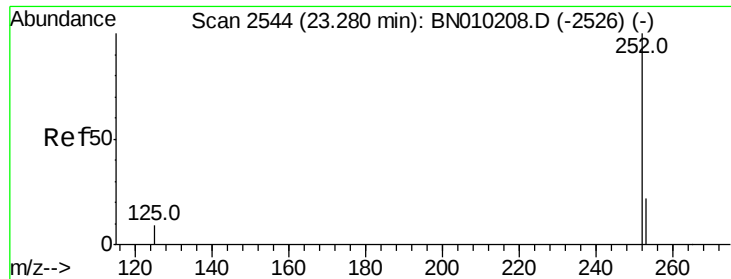


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.355 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

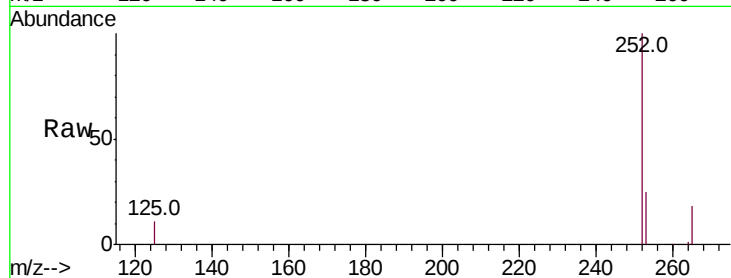
Tot Ion:252 Resp: 23179

Ion Ratio Lower Upper

252 100

253 24.8 19.1 28.7

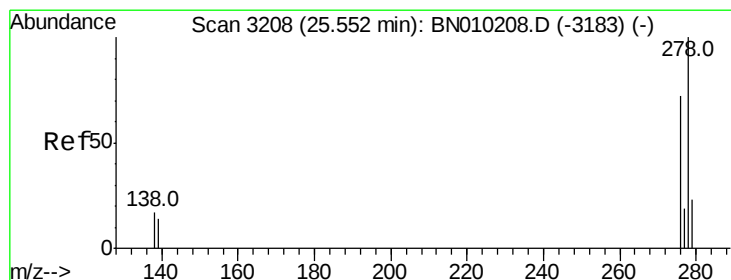
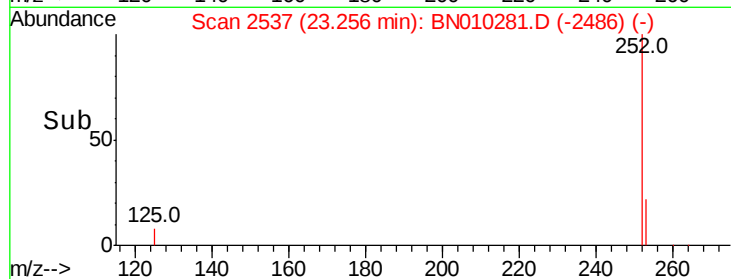
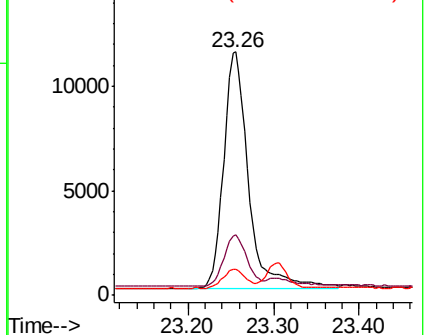
125 10.6 9.2 13.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.437 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.04 min

Lab File: BN010281.D

Acq: 19 Mar 2020 01:44

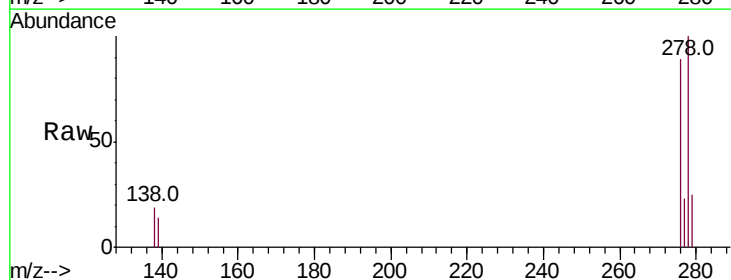
Tgt Ion:278 Resp: 28615

Ion Ratio Lower Upper

278 100

139 13.9 12.4 18.6

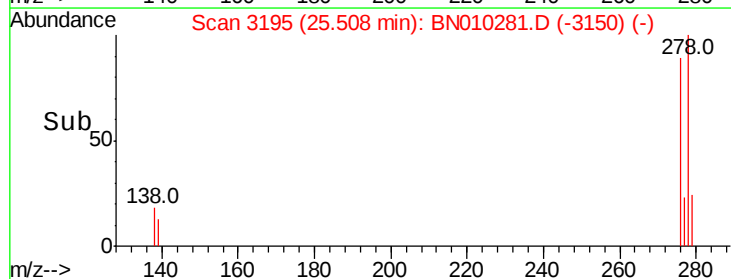
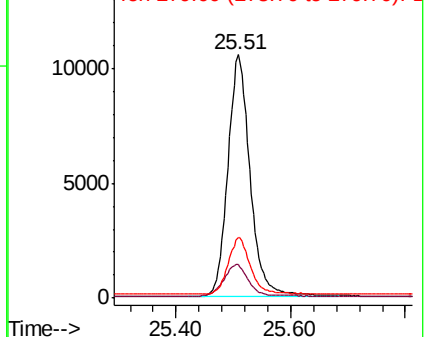
279 25.1 20.2 30.2

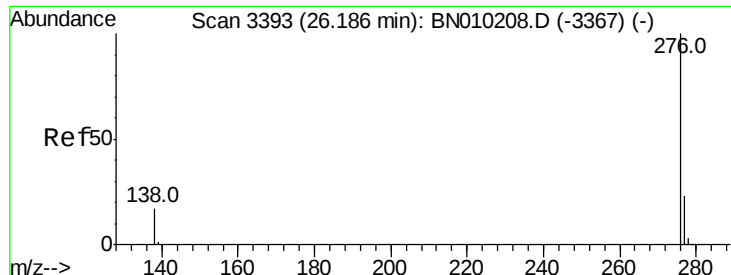


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.405 ng

RT: 26.14 min Scan# 3380

Delta R.T. -0.04 min

Lab File: BN010281.D

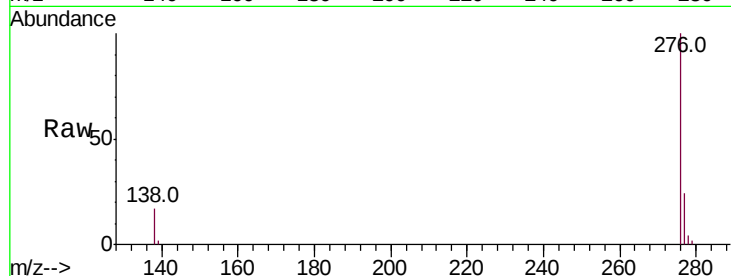
Acq: 19 Mar 2020 01:44

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 26525

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 16.5 15.4 23.2

Abundance Ion 276.00 (275.70 to 276.70): E
 12000 Ion 277.00 (276.70 to 277.70): E
 10000 Ion 138.00 (137.70 to 138.70): E

