

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010914.D
 Acq On : 16 Jun 2020 19:28
 Operator : CG/JU
 Sample : PB129554BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129554BS

Quant Time: Jun 17 03:33:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2732	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8368	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	4491	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9016	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8027	0.40	ng	-0.01
34) Perylene-d12	23.27	264	8214	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	2134	0.40	ng	0.00
5) Phenol-d6	6.74	99	2501	0.40	ng	0.00
8) Nitrobenzene-d5	8.68	82	2551	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5364	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	621	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7651	0.43	ng	0.00
25) Fluoranthene-d10	18.95	212	10018	0.40	ng	0.00
29) Terphenyl-d14	19.57	244	7991	0.43	ng	0.00

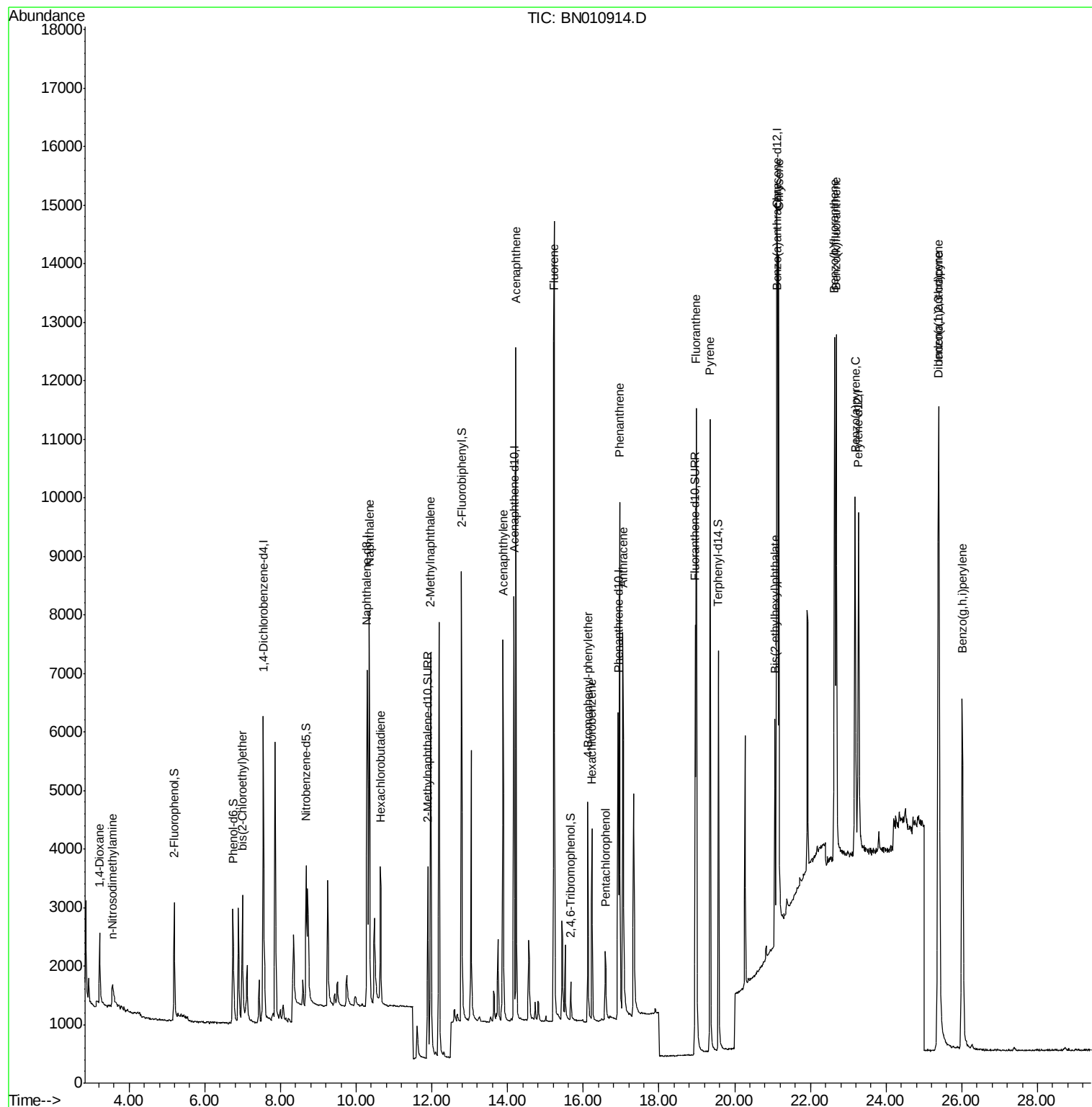
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	1092	0.408	ng	96
3) n-Nitrosodimethylamine	3.55	42	470	0.302	ng	# 85
6) bis(2-Chloroethyl)ether	6.99	93	2420	0.400	ng	93
9) Naphthalene	10.34	128	8921	0.424	ng	99
10) Hexachlorobutadiene	10.63	225	2067	0.398	ng	# 100
12) 2-Methylnaphthalene	11.97	142	5968	0.424	ng	99
16) Acenaphthylene	13.88	152	7773	0.423	ng	100
17) Acenaphthene	14.22	154	5633	0.449	ng	98
18) Fluorene	15.23	166	6682	0.413	ng	98
20) 4-Bromophenyl-phenylether	16.12	248	2195	0.405	ng	98
21) Hexachlorobenzene	16.23	284	2443	0.432	ng	99
22) Pentachlorophenol	16.58	266	768	0.405	ng	98
23) Phenanthrene	16.95	178	10294	0.418	ng	100
24) Anthracene	17.05	178	8467	0.412	ng	99
26) Fluoranthene	18.99	202	11260	0.403	ng	99
28) Pyrene	19.35	202	11249	0.424	ng	99
30) Benzo(a)anthracene	21.11	228	9535	0.404	ng	99
31) Chrysene	21.16	228	11805	0.429	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	3491	0.444	ng	98
33) Indeno(1,2,3-cd)pyrene	25.38	276	14896	0.485	ng	98
35) Benzo(b)fluoranthene	22.64	252	11104	0.398	ng	99
36) Benzo(k)fluoranthene	22.68	252	12350	0.415	ng	99
37) Benzo(a)pyrene	23.18	252	9799	0.409	ng	97
38) Dibenzo(a,h)anthracene	25.39	278	12109	0.443	ng	98
39) Benzo(g,h,i)perylene	26.01	276	12627	0.442	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
Data File : BN010914.D
Acq On : 16 Jun 2020 19:28
Operator : CG/JU
Sample : PB129554BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
PB129554BS

Quant Time: Jun 17 03:33:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

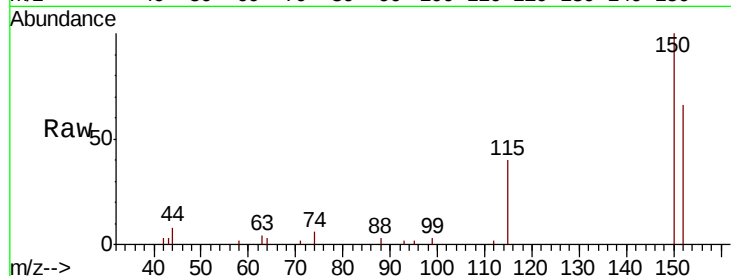
Tot Ion:152 Resp: 2732

Ion Ratio Lower Upper

152 100

150 151.2 123.8 185.6

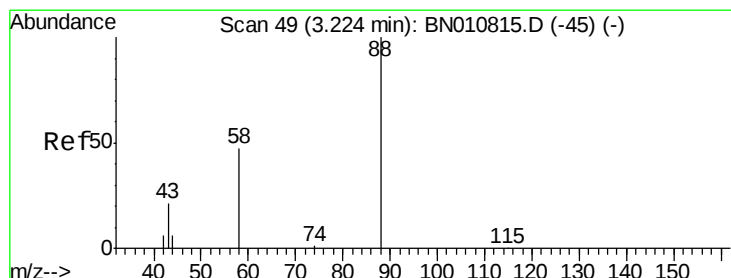
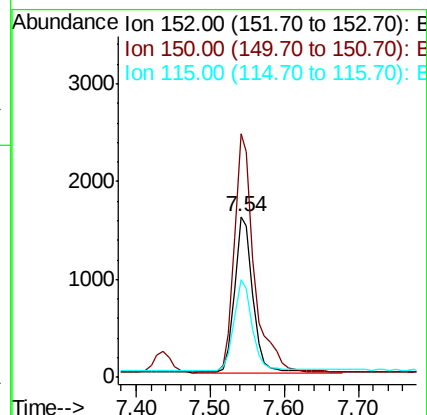
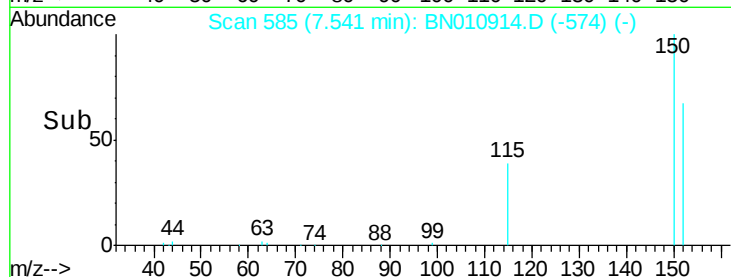
115 60.9 49.2 73.8



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: 3.22 min Scan# 49

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

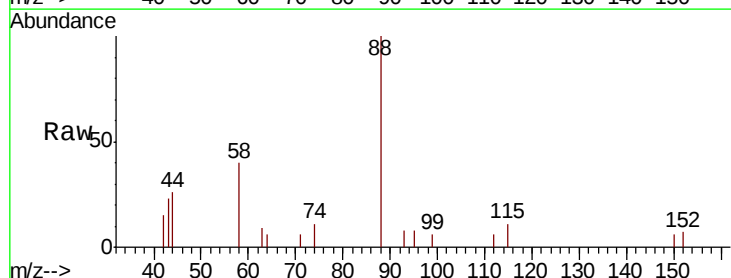
Tgt Ion: 88 Resp: 1092

Ion Ratio Lower Upper

88 100

58 51.7 38.2 57.4

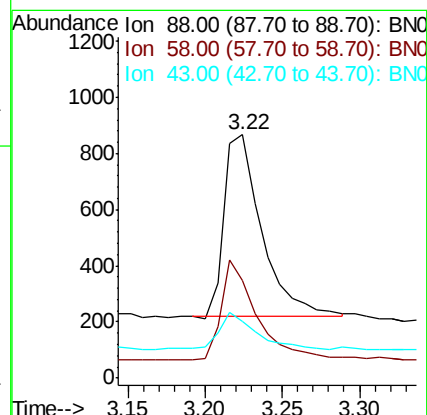
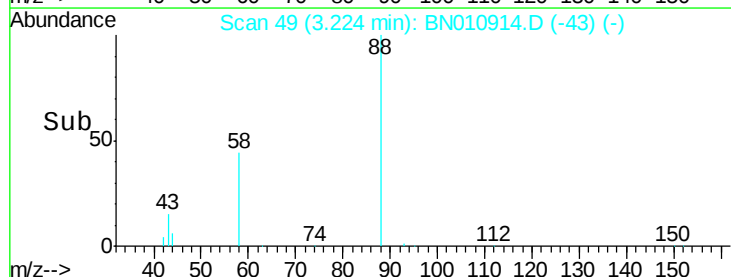
43 19.0 15.1 22.7

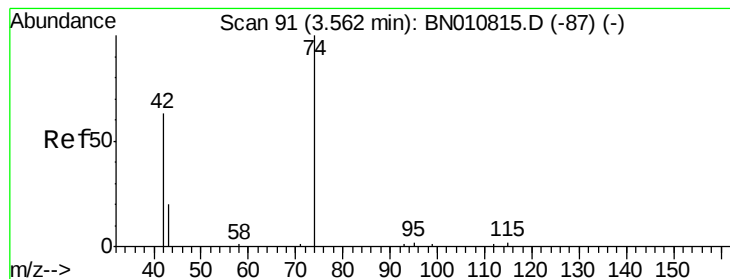


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.302 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

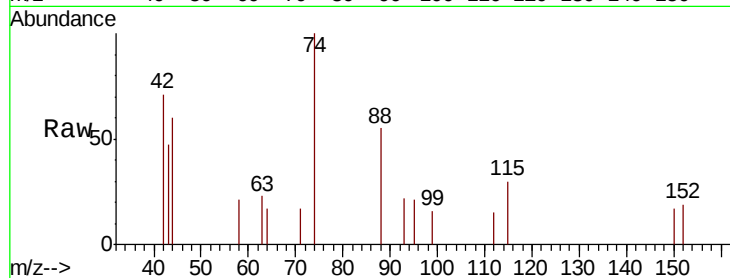
Tot Ion: 42 Resp: 470

Ion Ratio Lower Upper

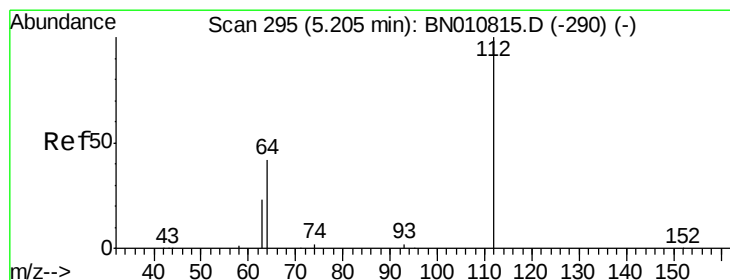
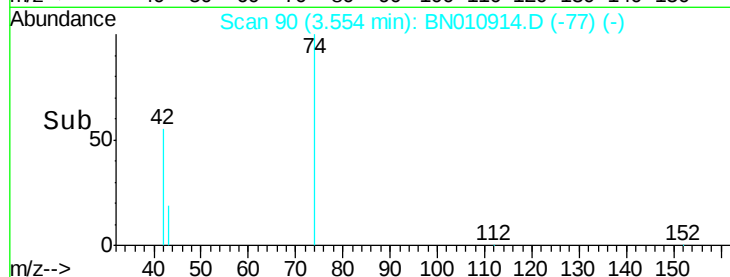
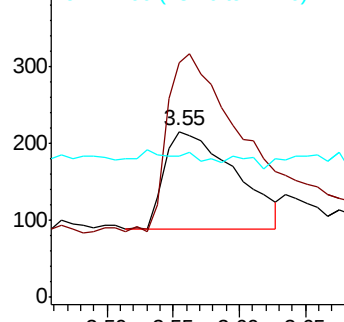
42 100

74 197.2 140.7 211.1

44 0.0 1.4 2.2#



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: 0.405 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

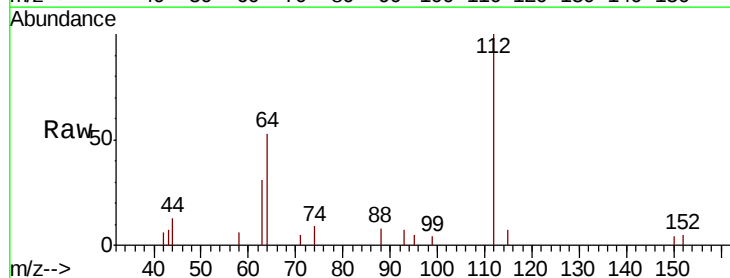
Tgt Ion: 112 Resp: 2134

Ion Ratio Lower Upper

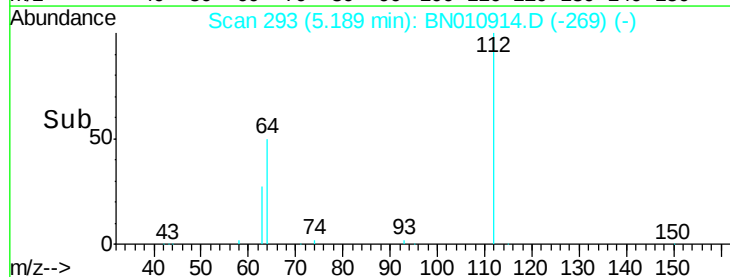
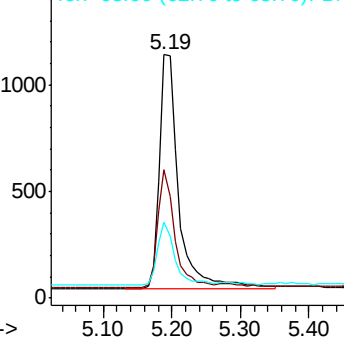
112 100

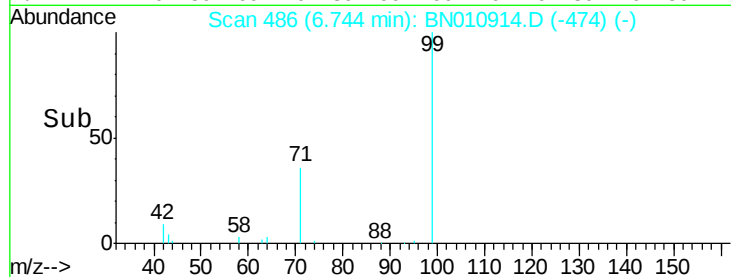
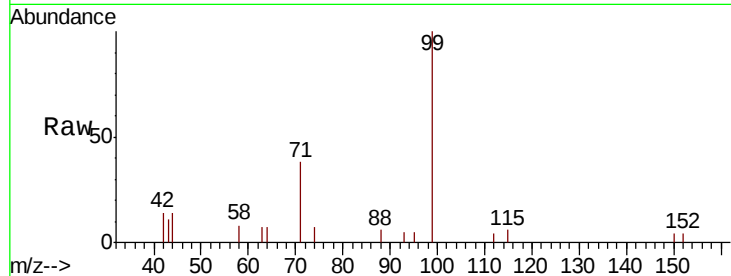
64 44.3 37.4 56.0

63 24.1 22.2 33.4



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: 0.403 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

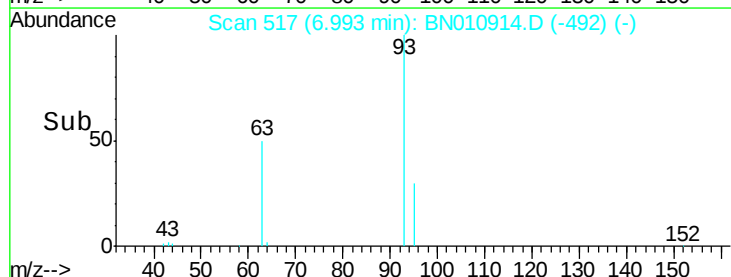
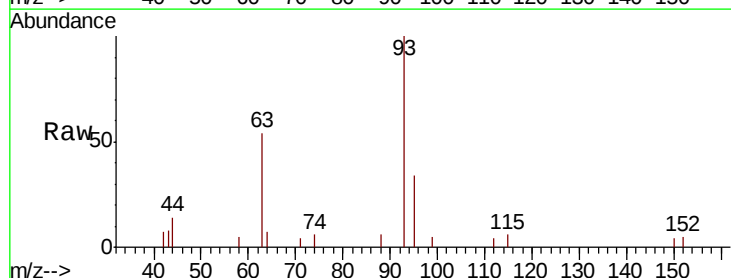
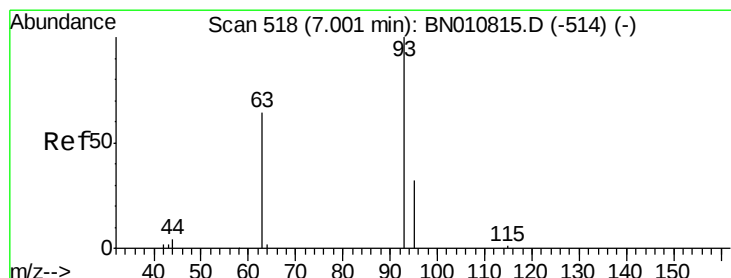
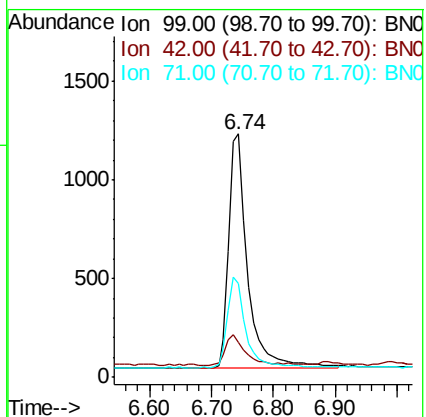
Tot Ion: 99 Resp: 2501

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

71 37.2 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.400 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

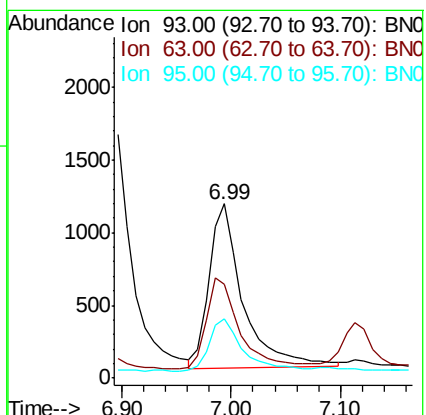
Tgt Ion: 93 Resp: 2420

Ion Ratio Lower Upper

93 100

63 54.1 49.4 74.2

95 31.8 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

Tot Ion:136 Resp: 8368

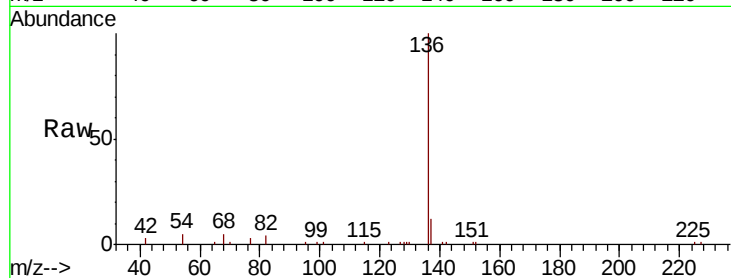
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 4.9 4.9 7.3

68 5.3 4.7 7.1

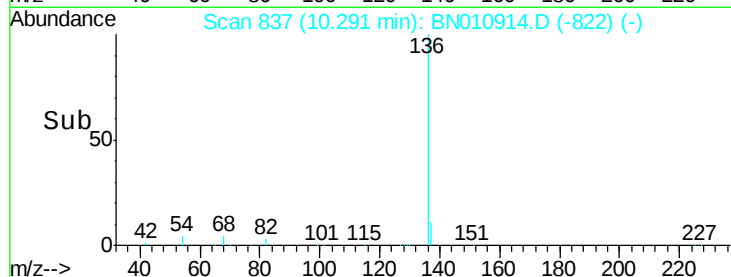


Abundance Ion 136.00 (135.70 to 136.70): E

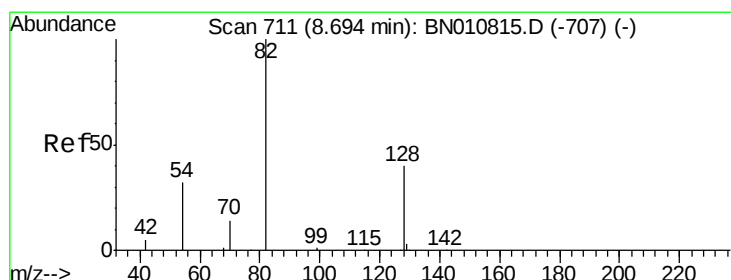
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.412 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

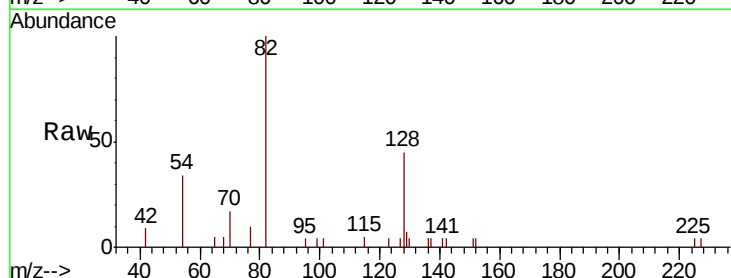
Tgt Ion: 82 Resp: 2551

Ion Ratio Lower Upper

82 100

128 44.8 35.4 53.0

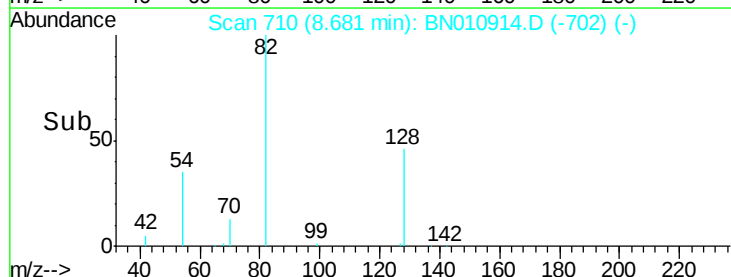
54 34.0 28.2 42.4



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



Time-->



#9

Naphthalene

Concen: 0.424 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

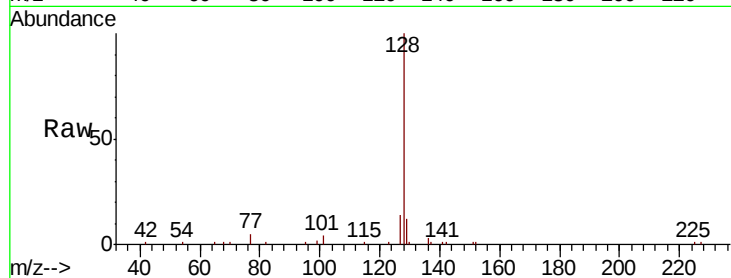
Tot Ion:128 Resp: 8921

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

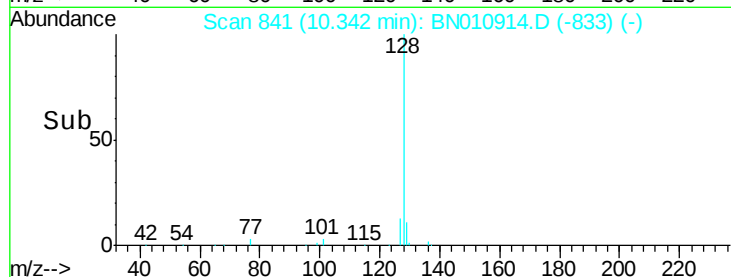
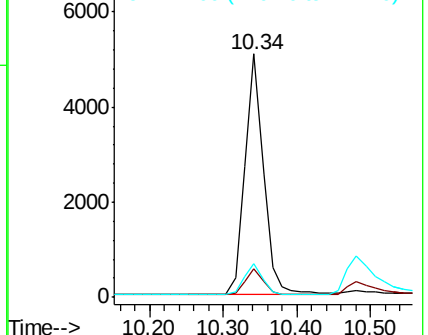
127 13.9 11.4 17.2



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: 0.398 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

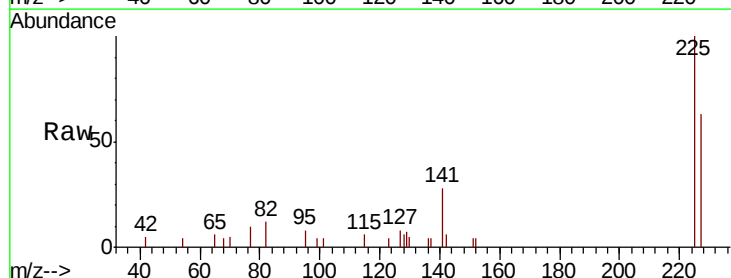
Tgt Ion:225 Resp: 2067

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

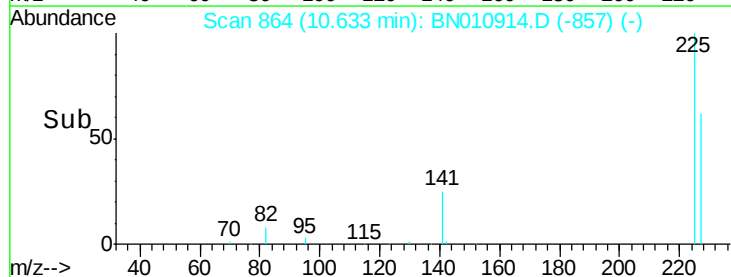
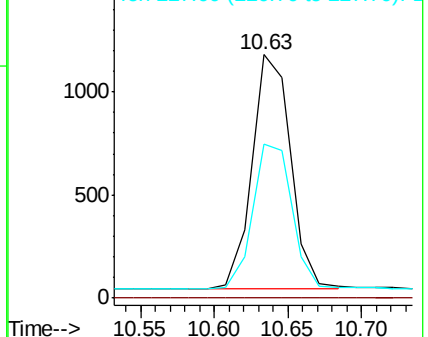
227 63.3 50.5 75.7

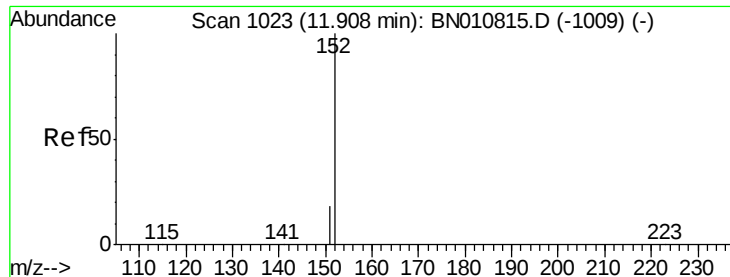


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

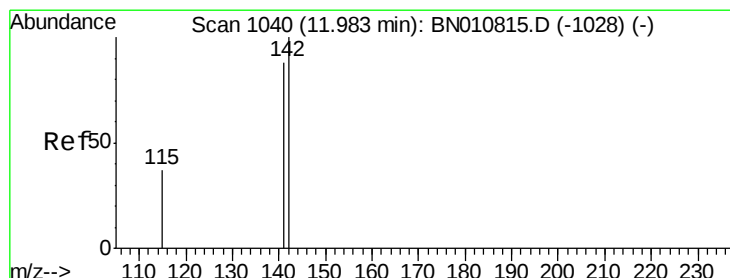
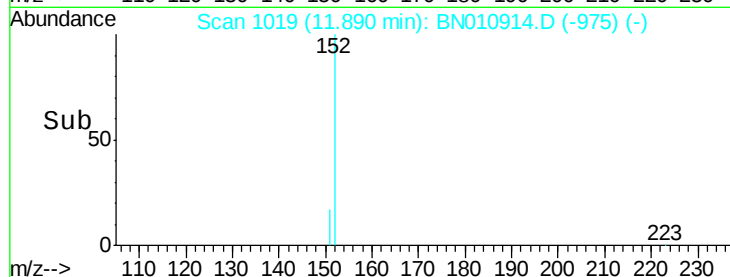
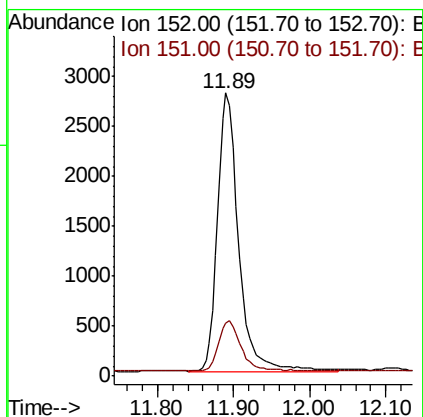
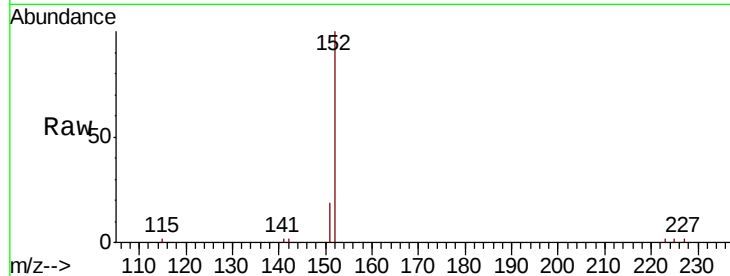




#11
 2-Methylnaphthalene-d10
 Concen: 0.413 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN010914.D
 Acq: 16 Jun 2020 19:28

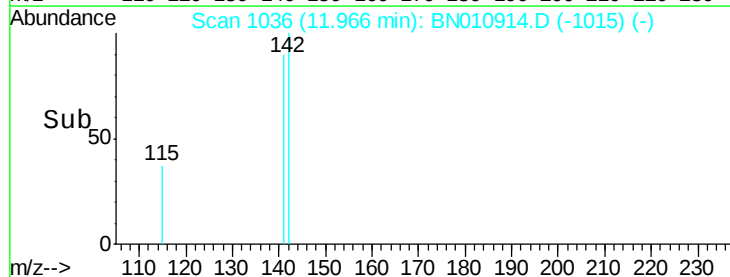
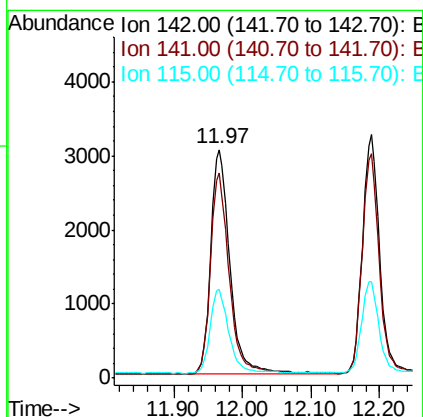
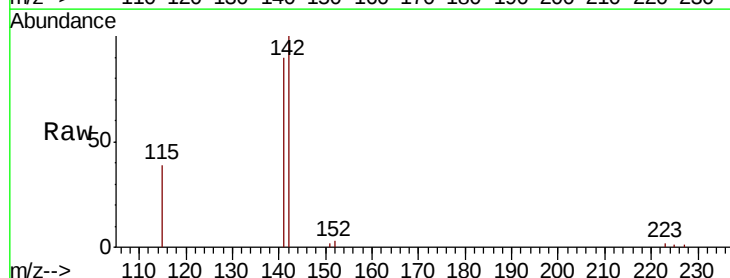
Instrument :
 BNA_N
 ClientSampleId :
 PB129554BS

Tot Ion:152 Resp: 5364
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.424 ng
 RT: 11.97 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BN010914.D
 Acq: 16 Jun 2020 19:28

Tgt Ion:142 Resp: 5968
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 38.7 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

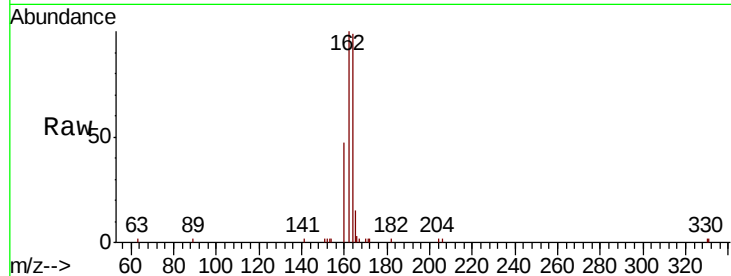
Tot Ion:164 Resp: 4491

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.6

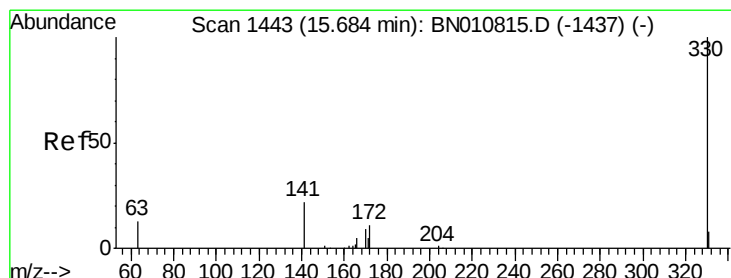
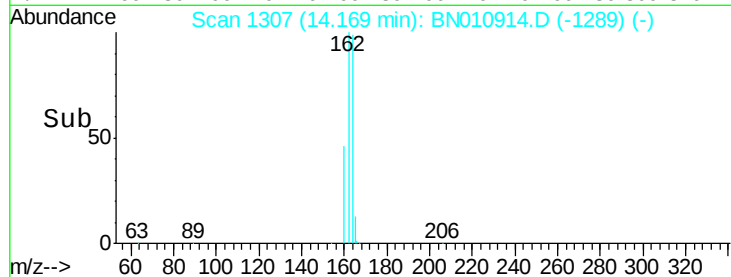
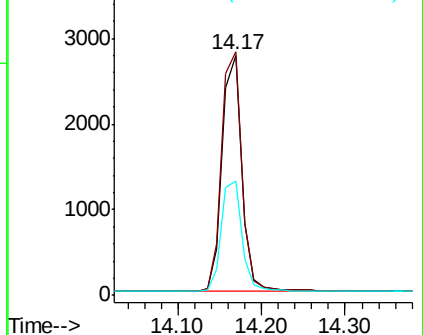
160 47.6 38.9 58.3



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: 0.387 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

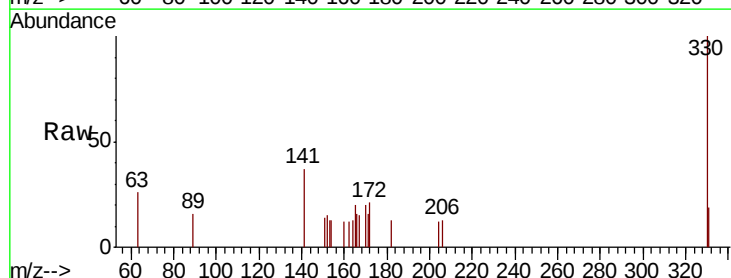
Tgt Ion:330 Resp: 621

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

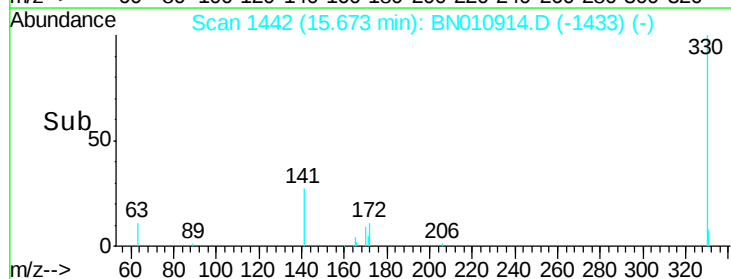
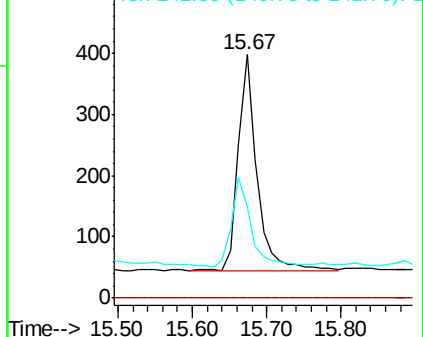
141 41.7 33.2 49.8



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

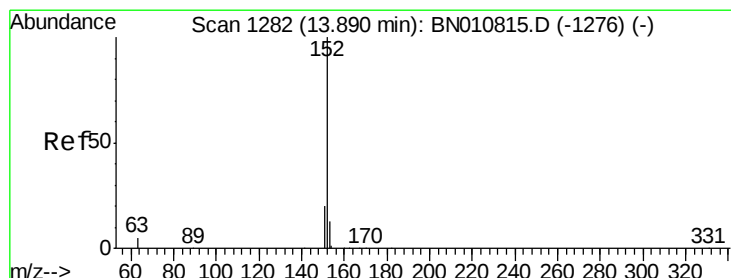
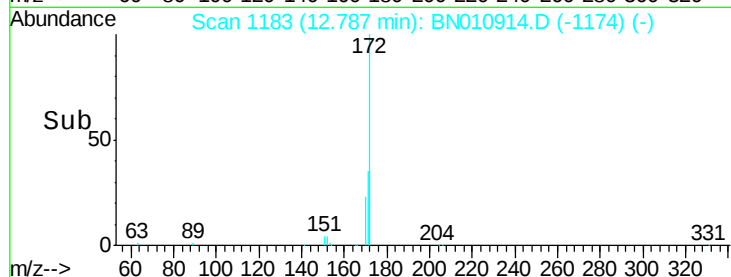
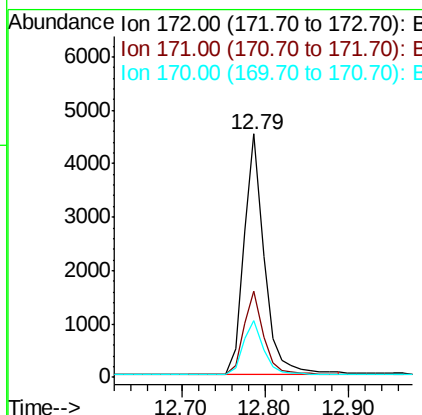
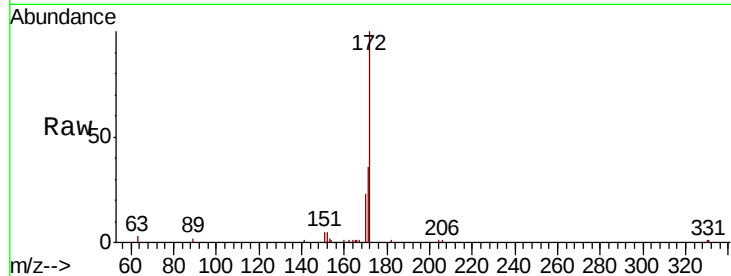




#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

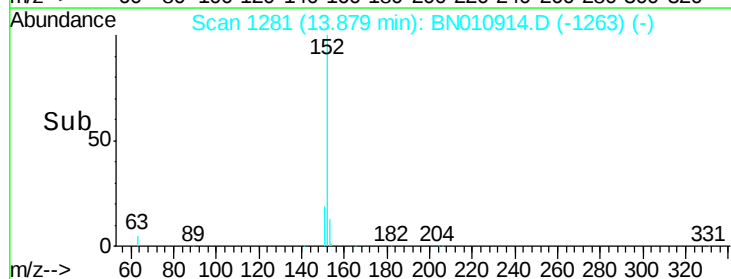
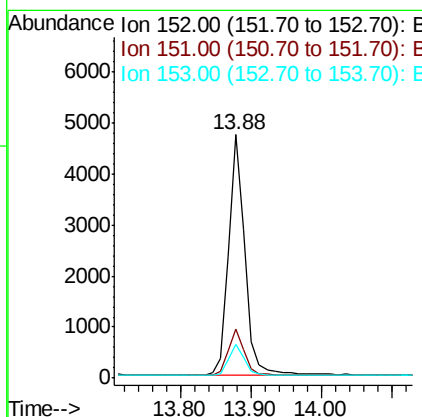
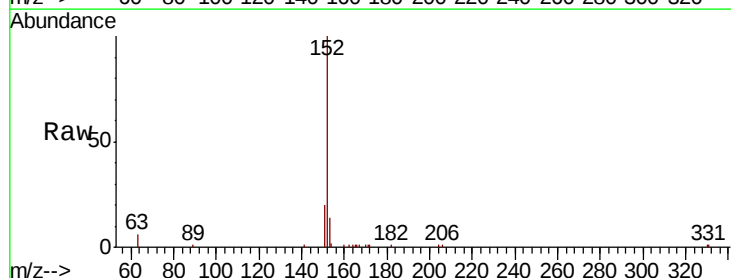
Instrument :
BNA_N
ClientSampleId :
PB129554BS

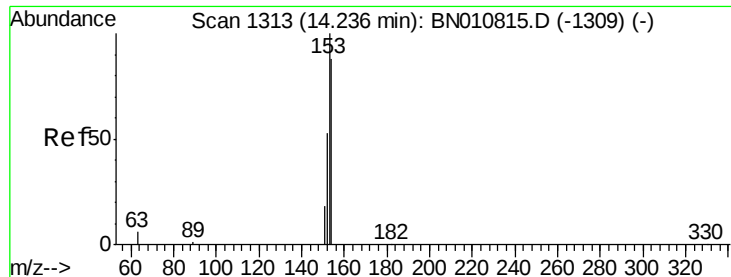
Tot Ion:172 Resp: 7651
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.4 19.7 29.5



#16
Acenaphthylene
Concen: 0.423 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:152 Resp: 7773
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.449 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

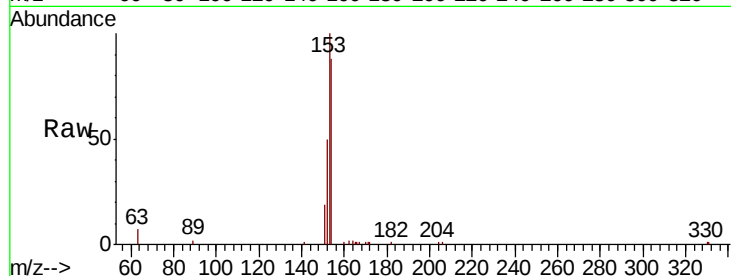
Tot Ion:154 Resp: 5633

Ion Ratio Lower Upper

154 100

153 113.8 91.8 137.6

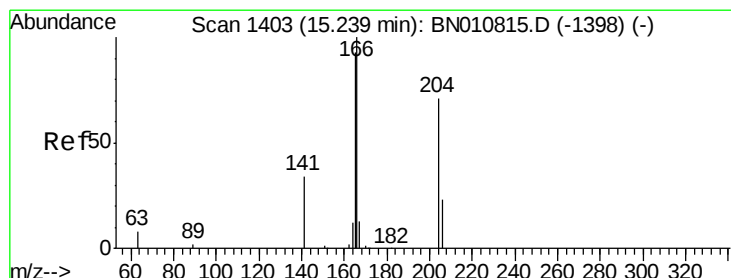
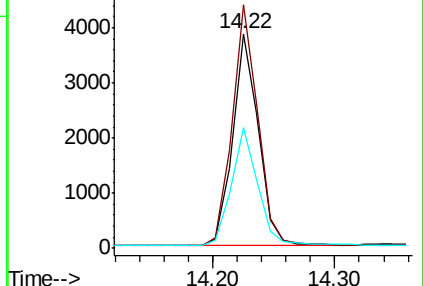
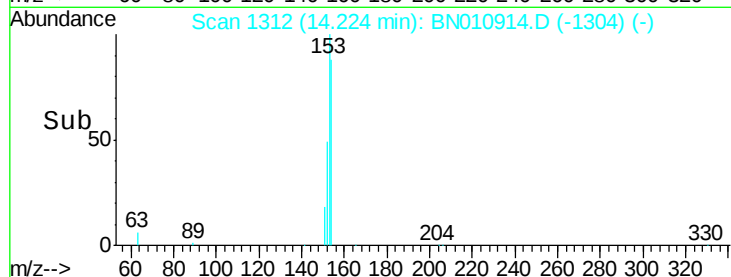
152 56.5 47.6 71.4



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: 0.413 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

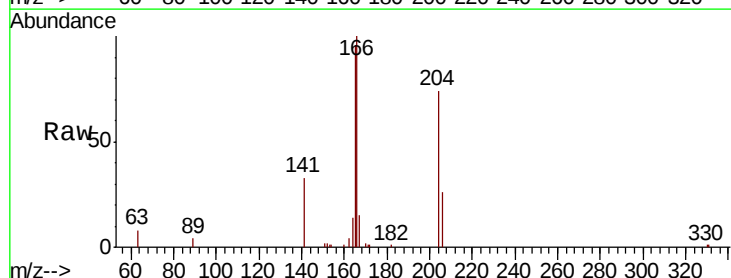
Tgt Ion:166 Resp: 6682

Ion Ratio Lower Upper

166 100

165 98.2 77.2 115.8

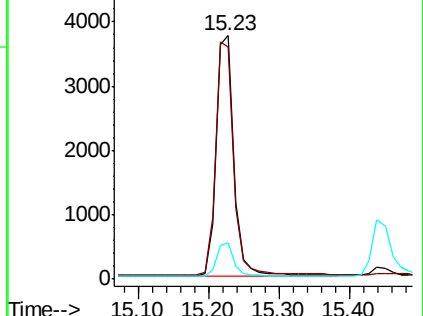
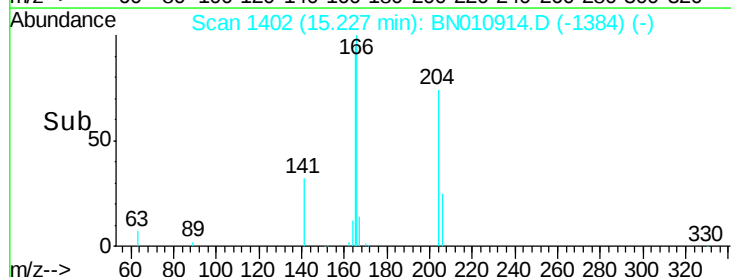
167 13.6 10.7 16.1

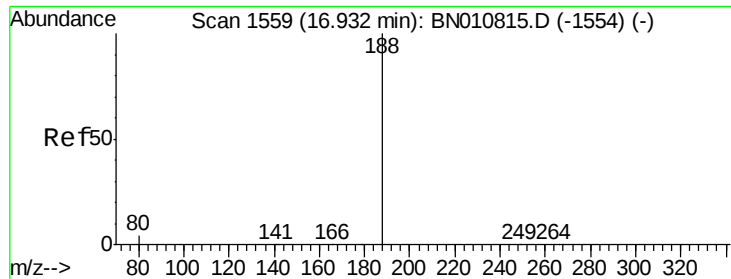


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

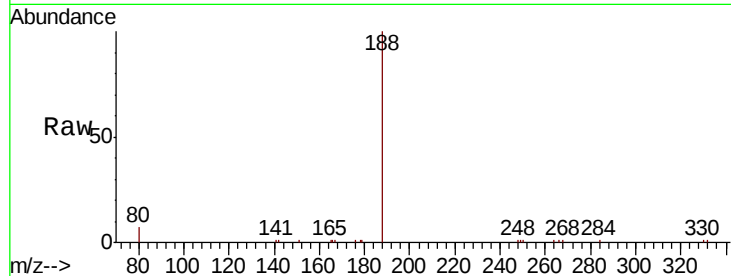
Tot Ion:188 Resp: 9016

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.6 4.5 6.7



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

16.92

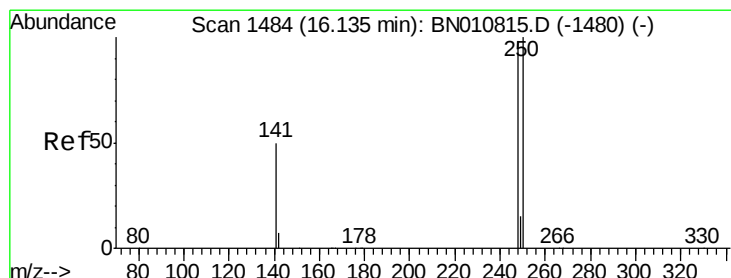
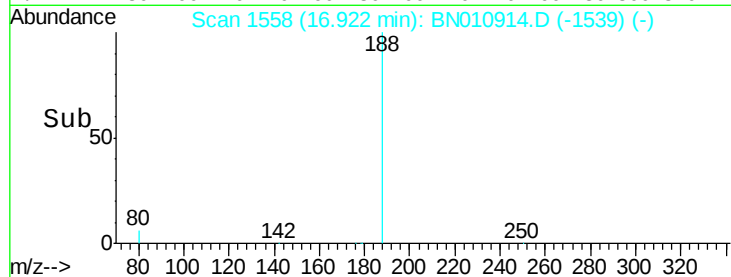
4000

2000

0

16.80 17.00 17.20

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.405 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

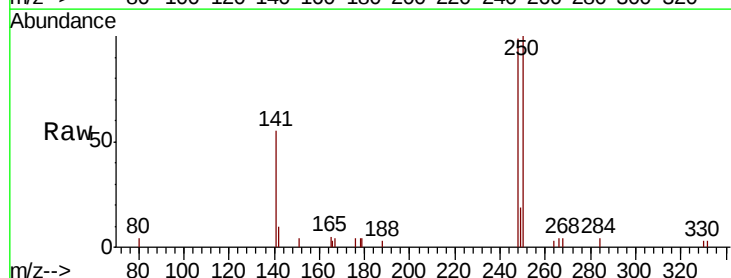
Tgt Ion:248 Resp: 2195

Ion Ratio Lower Upper

248 100

250 100.9 81.8 122.8

141 55.3 42.6 64.0



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

16.12

1500

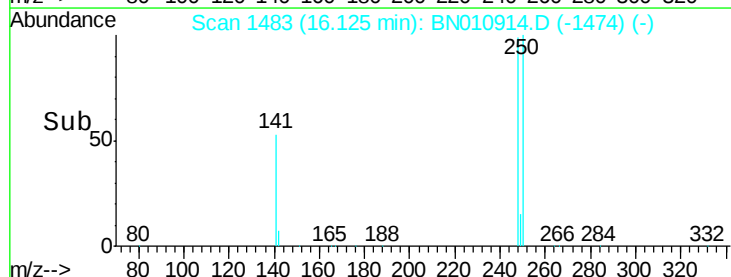
1000

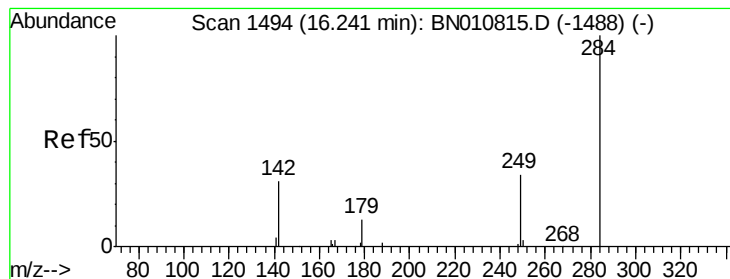
500

0

16.00 16.10 16.20

Time-->





#21

Hexachlorobenzene

Concen: 0.432 ng

RT: 16.23 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

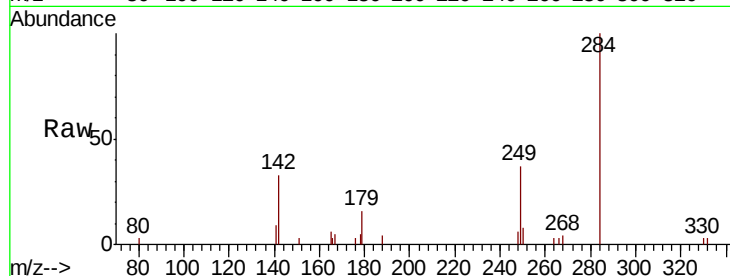
Tot Ion:284 Resp: 2443

Ion Ratio Lower Upper

284 100

142 37.7 31.0 46.4

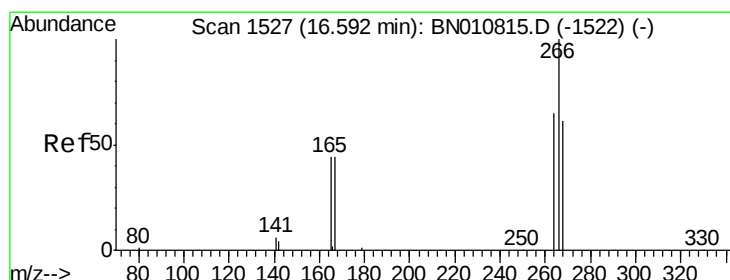
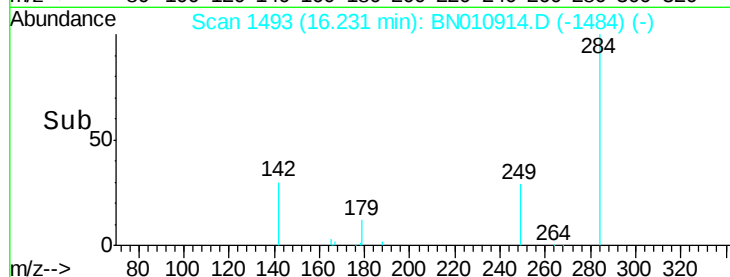
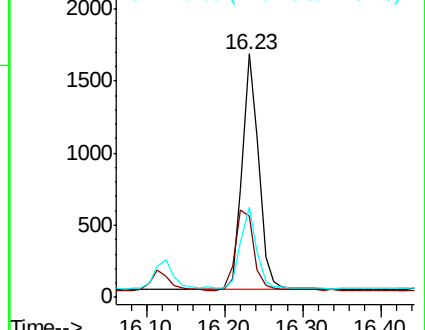
249 34.6 27.1 40.7



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: 0.405 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

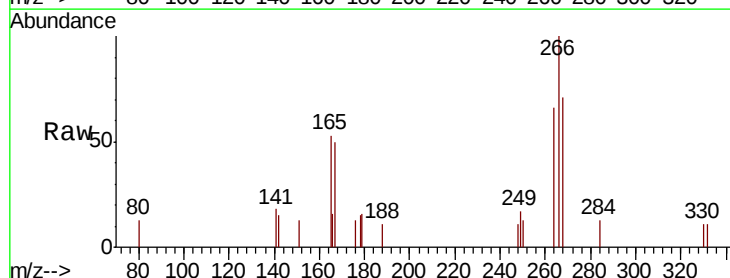
Tgt Ion:266 Resp: 768

Ion Ratio Lower Upper

266 100

264 65.8 54.8 82.2

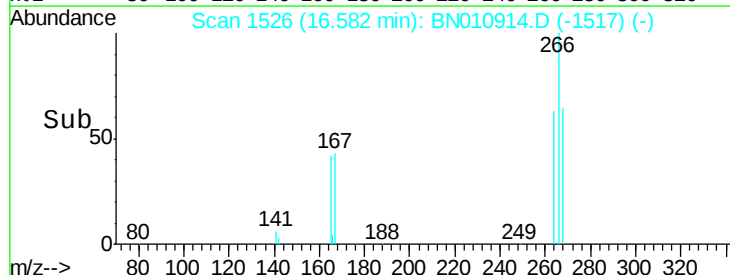
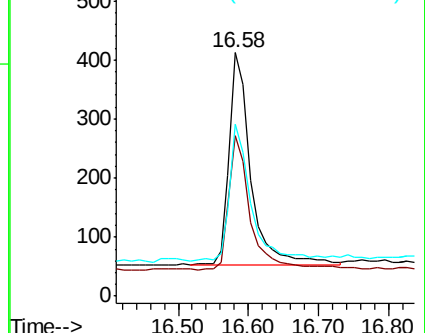
268 70.9 55.9 83.9

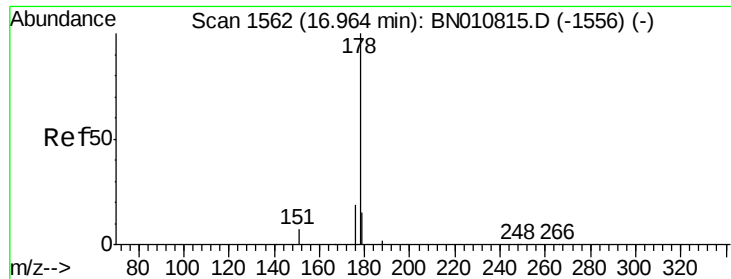


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.418 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

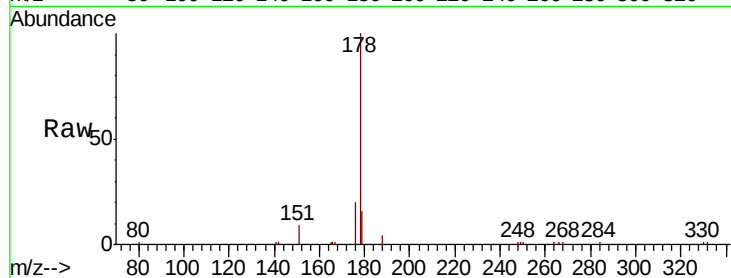
Tot Ion:178 Resp: 10294

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

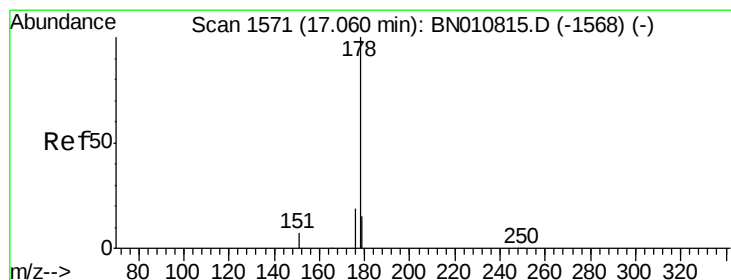
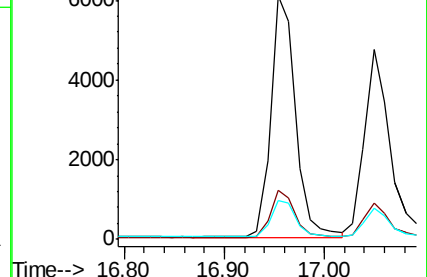
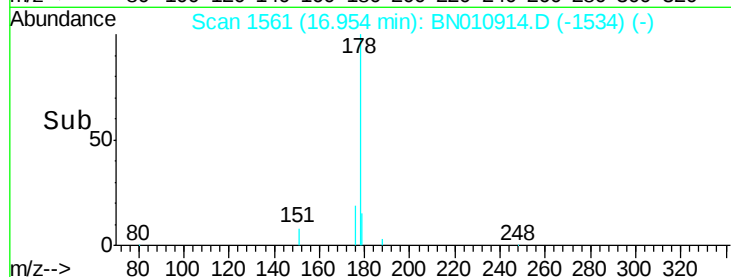
179 15.8 12.6 19.0



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: 0.412 ng

RT: 17.05 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

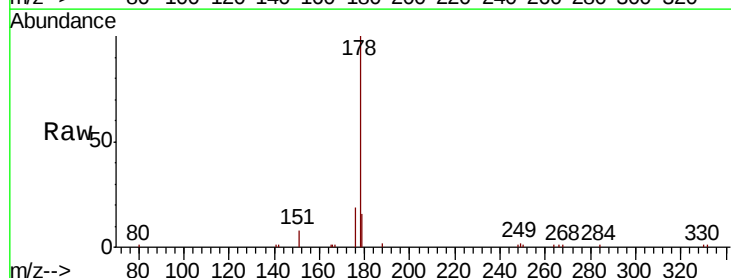
Tgt Ion:178 Resp: 8467

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

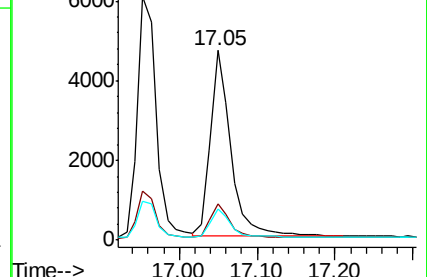
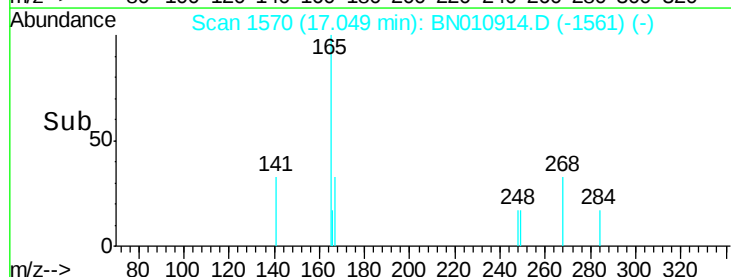
179 14.5 12.3 18.5

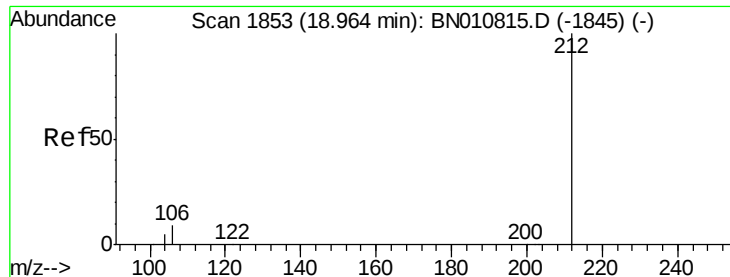


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

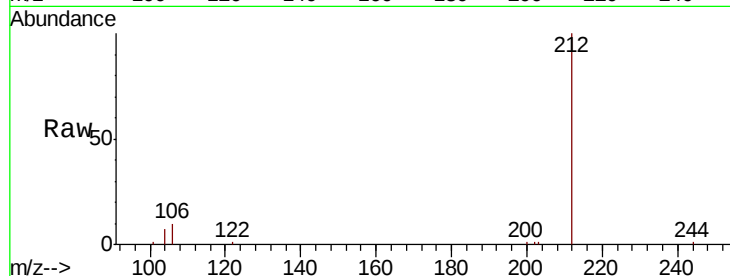
Tot Ion:212 Resp: 10018

Ion Ratio Lower Upper

212 100

106 9.4 6.6 10.0

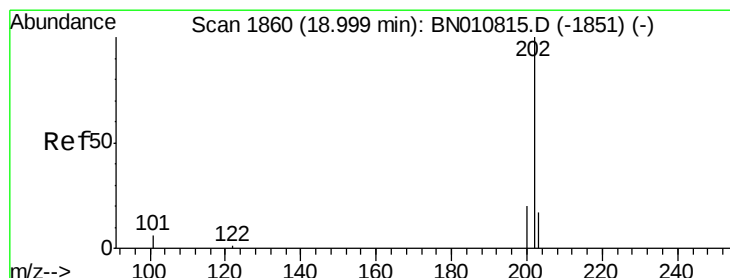
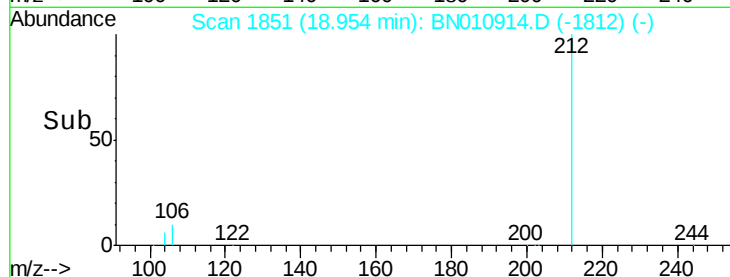
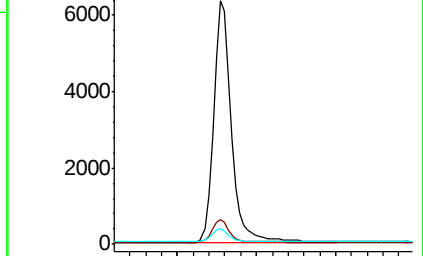
104 5.4 4.0 6.0



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: 0.403 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

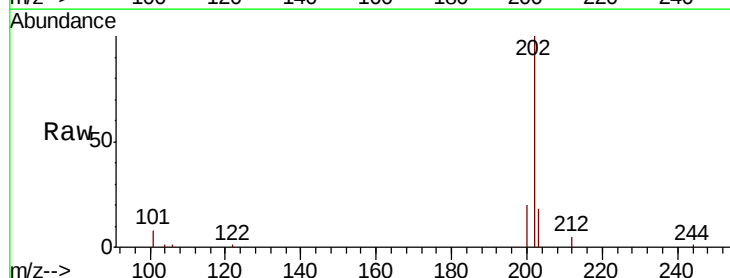
Tgt Ion:202 Resp: 11260

Ion Ratio Lower Upper

202 100

101 8.2 5.8 8.6

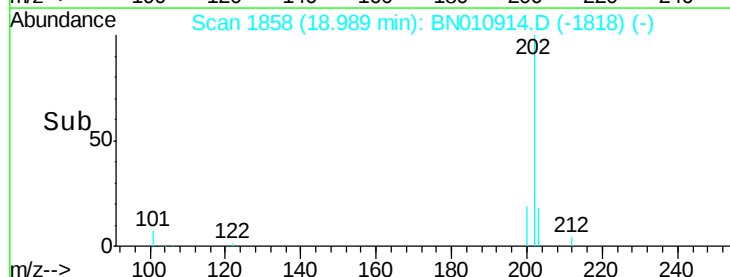
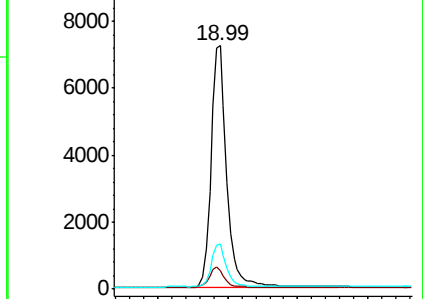
203 17.3 13.7 20.5



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

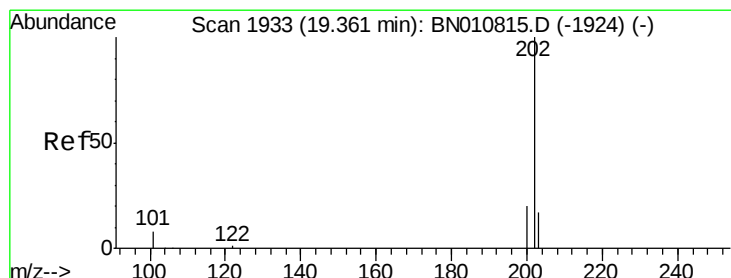
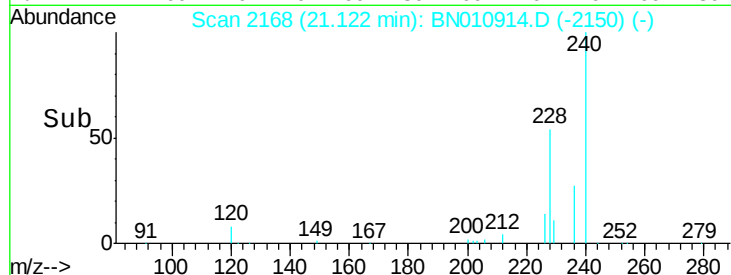
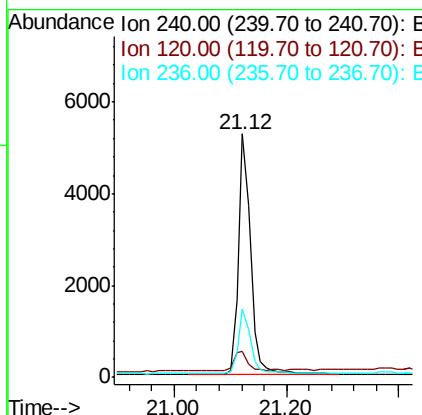
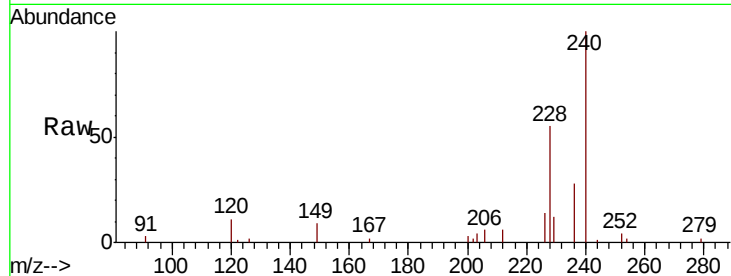




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

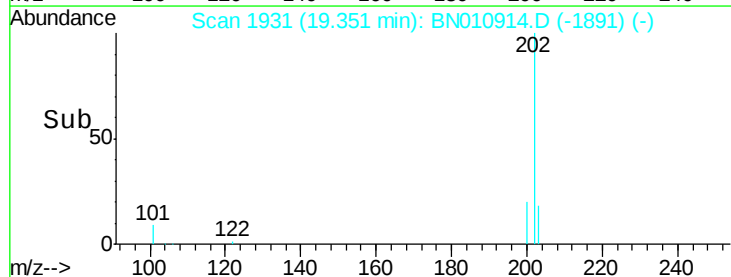
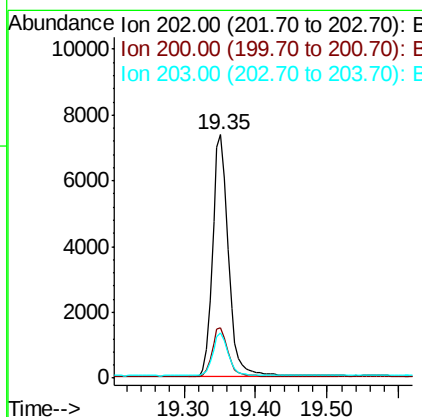
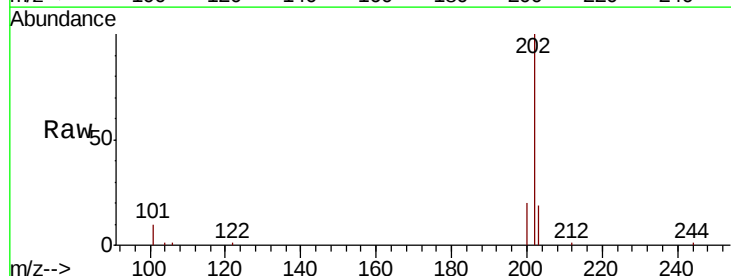
Instrument :
BNA_N
ClientSampleId :
PB129554BS

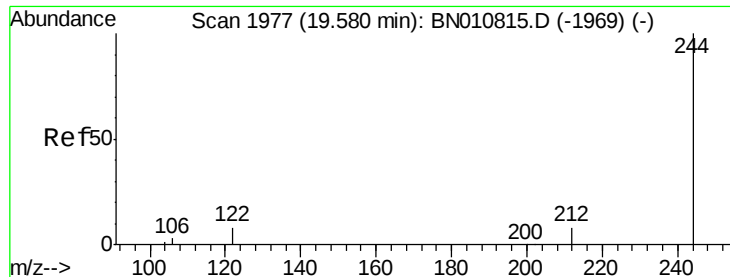
Tot Ion:240 Resp: 8027
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 27.9 22.3 33.5



#28
Pyrene
Concen: 0.424 ng
RT: 19.35 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:202 Resp: 11249
Ion Ratio Lower Upper
202 100
200 20.3 16.4 24.6
203 17.5 14.2 21.4





#29

Terphenyl-d14

Concen: 0.425 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

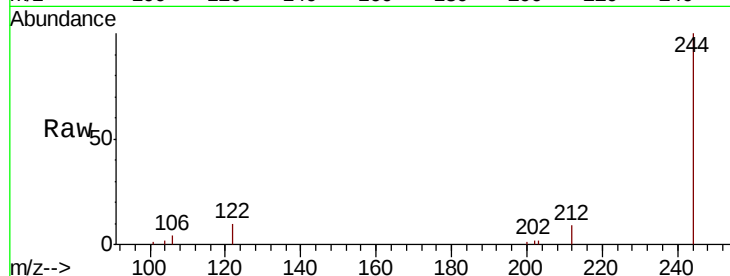
Tot Ion:244 Resp: 7991

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

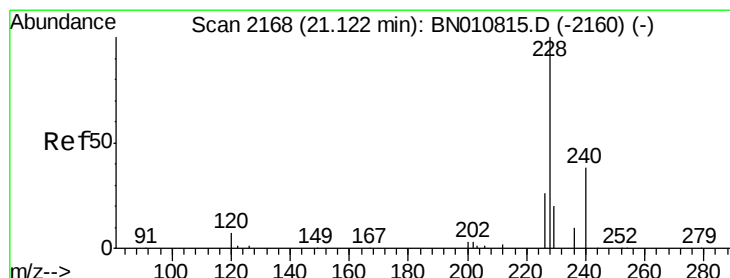
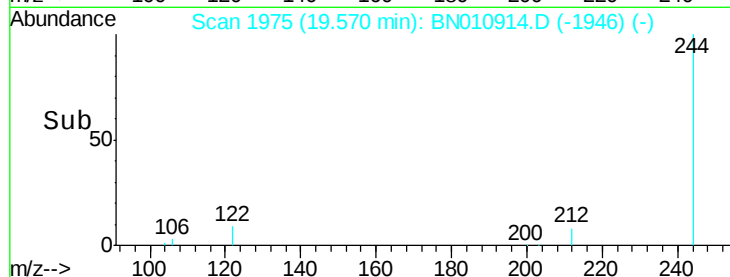
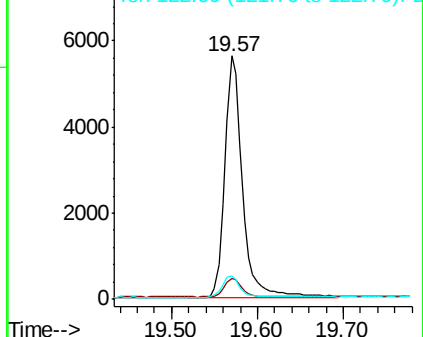
122 9.9 7.5 11.3



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: 0.404 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

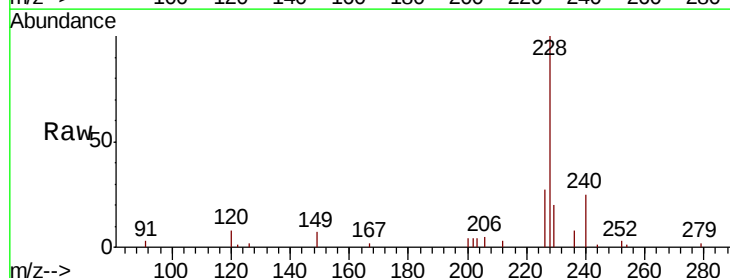
Tgt Ion:228 Resp: 9535

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

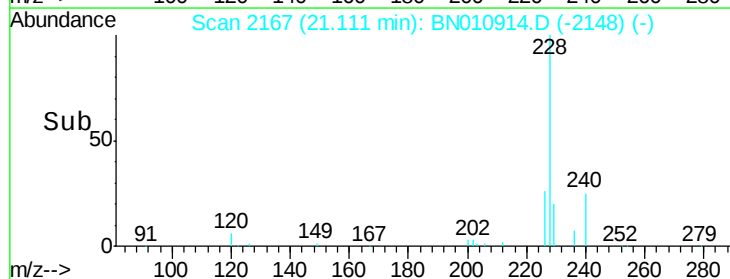
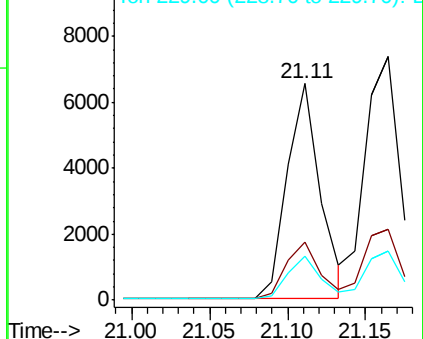
229 20.2 16.6 24.8



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: 0.429 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

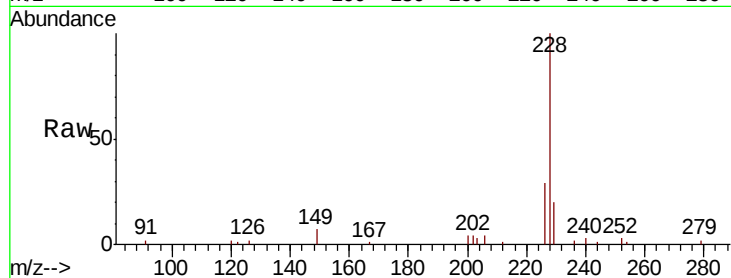
Tot Ion:228 Resp: 11805

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

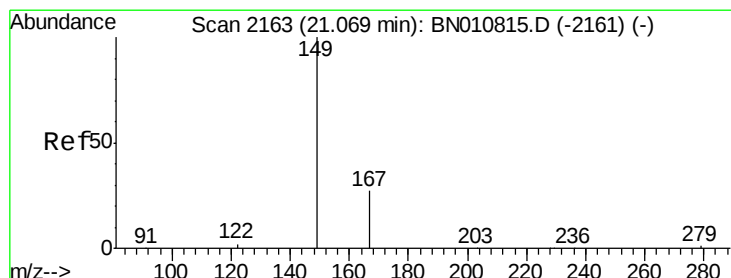
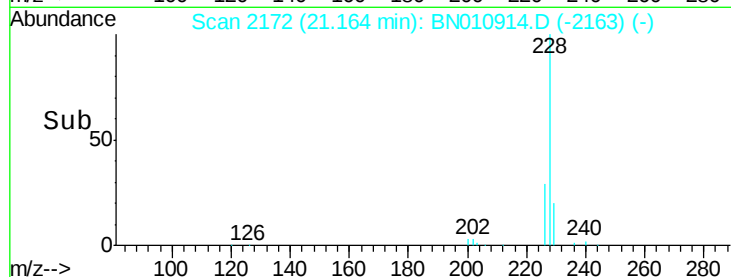
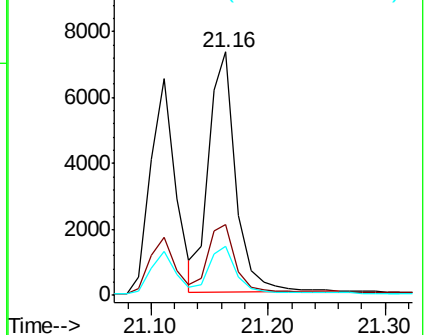
229 20.2 16.1 24.1



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: 0.444 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

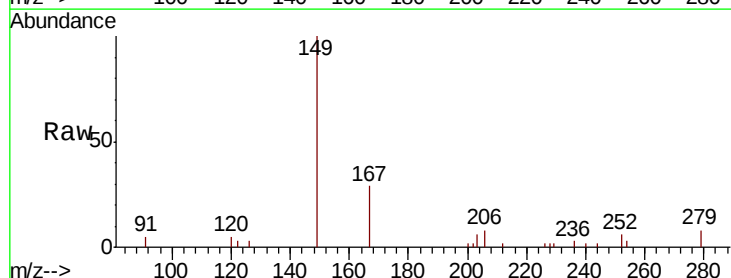
Tgt Ion:149 Resp: 3491

Ion Ratio Lower Upper

149 100

167 28.8 24.1 36.1

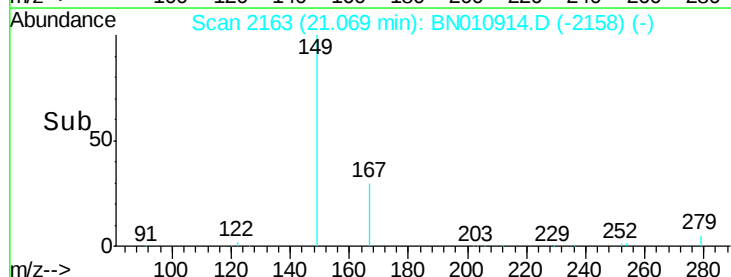
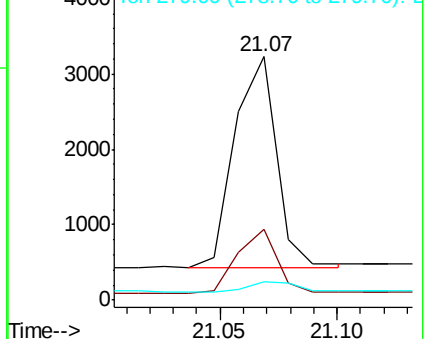
279 5.4 4.6 7.0

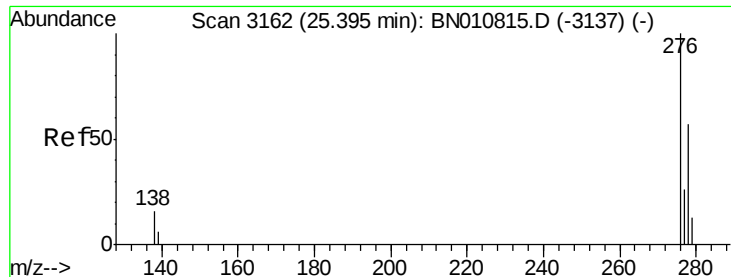


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.485 ng

RT: 25.38 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

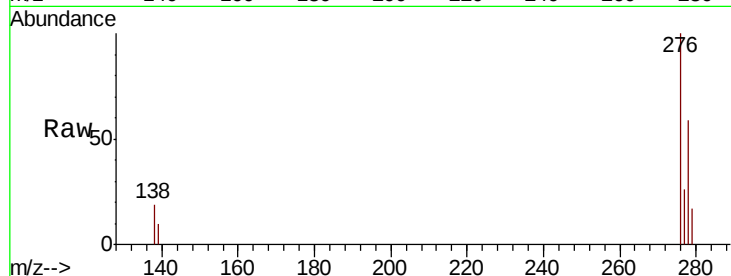
Tot Ion:276 Resp: 14896

Ion Ratio Lower Upper

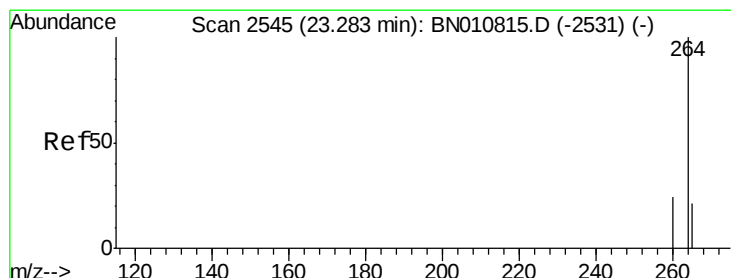
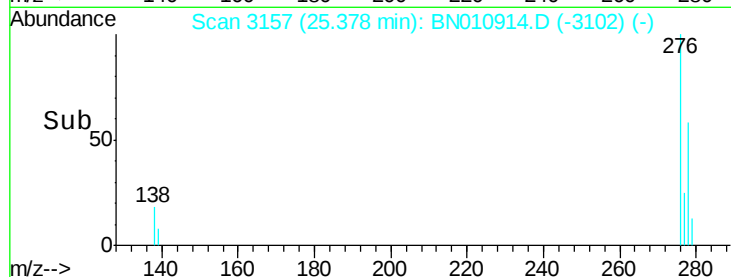
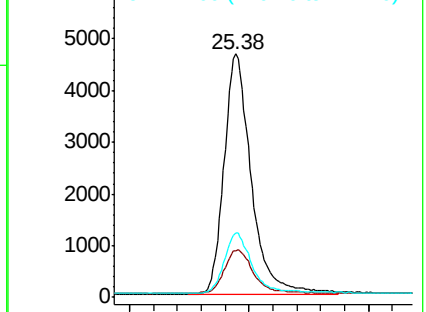
276 100

138 18.7 13.0 19.6

277 24.4 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: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

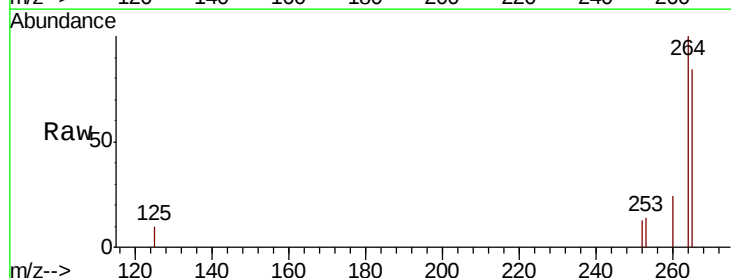
Tgt Ion:264 Resp: 8214

Ion Ratio Lower Upper

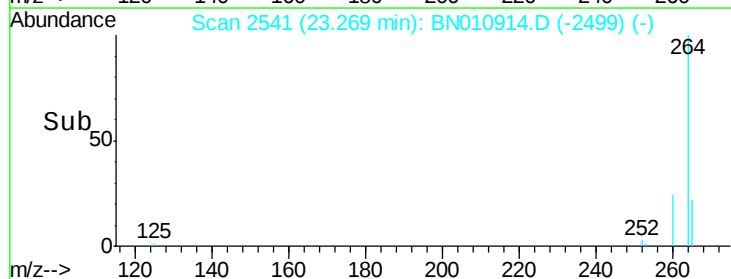
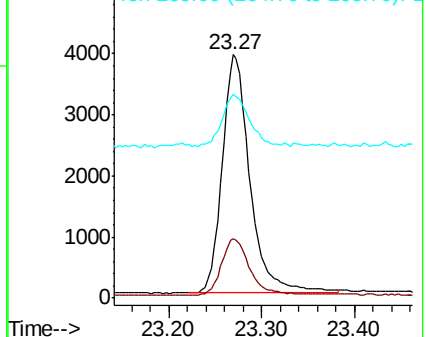
264 100

260 24.5 20.4 30.6

265 83.6 75.0 112.4



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: 0.398 ng

RT: 22.64 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

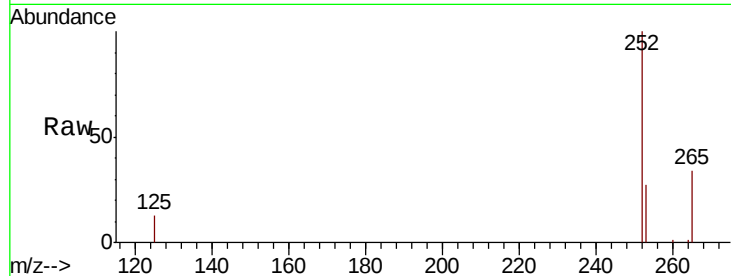
Tot Ion:252 Resp: 11104

Ion Ratio Lower Upper

252 100

253 27.4 22.4 33.6

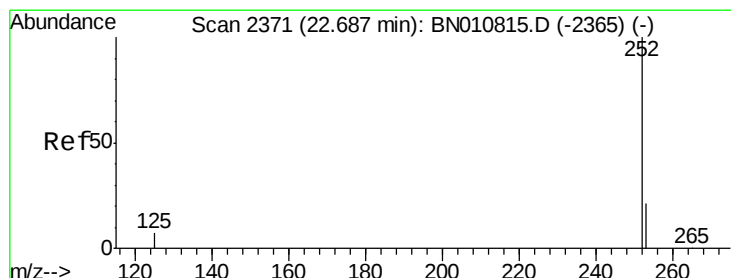
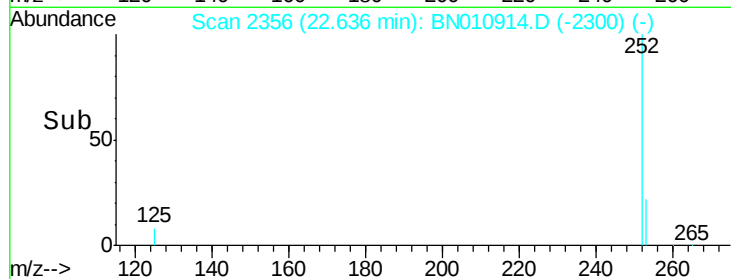
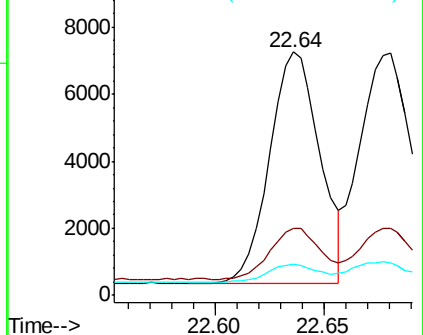
125 12.6 9.4 14.0



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



#36

Benzo(k)fluoranthene

Concen: 0.415 ng

RT: 22.68 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

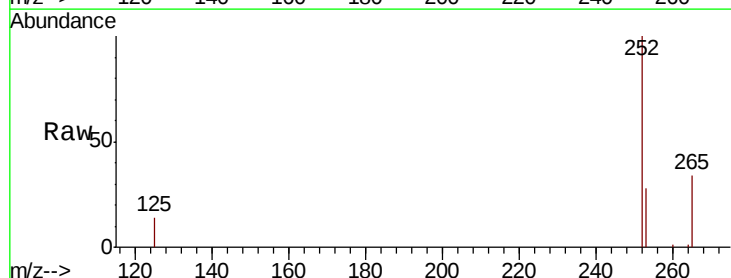
Tgt Ion:252 Resp: 12350

Ion Ratio Lower Upper

252 100

253 27.9 22.2 33.4

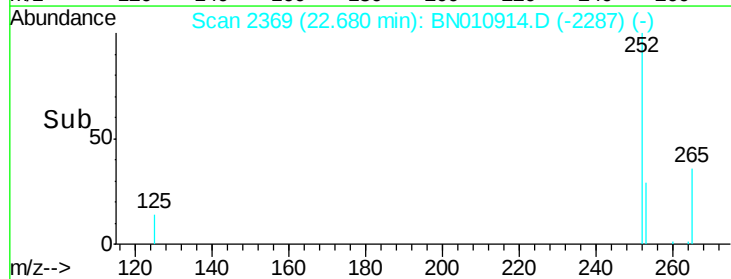
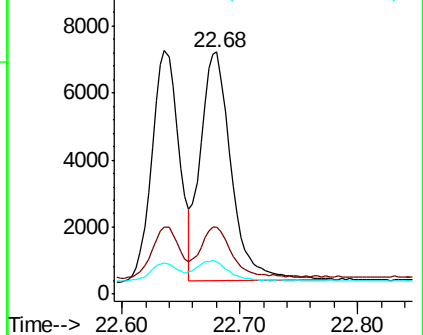
125 13.5 9.8 14.8

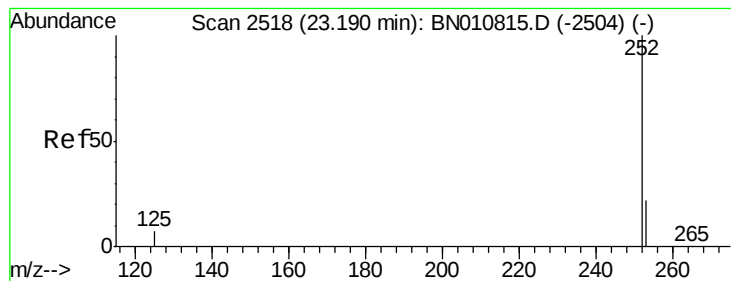


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.18 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

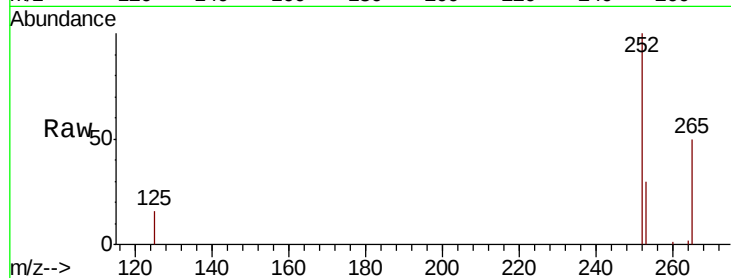
Tot Ion:252 Resp: 9799

Ion Ratio Lower Upper

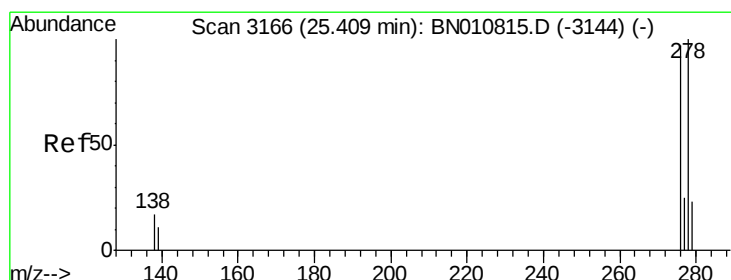
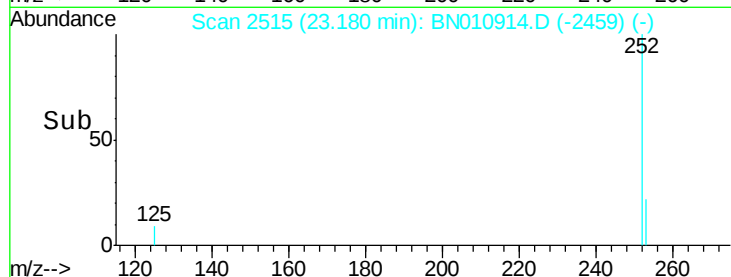
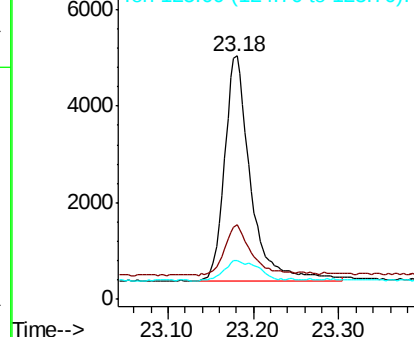
252 100

253 30.5 25.8 38.8

125 16.1 12.4 18.6



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: 0.443 ng

RT: 25.39 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

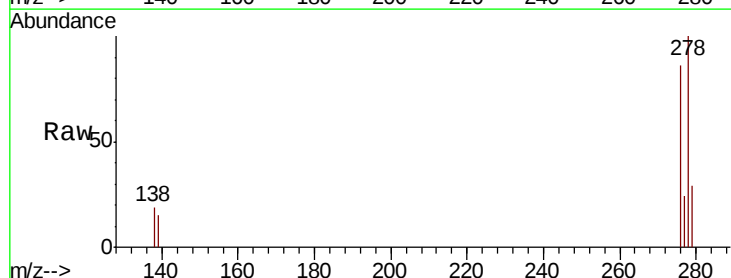
Tgt Ion:278 Resp: 12109

Ion Ratio Lower Upper

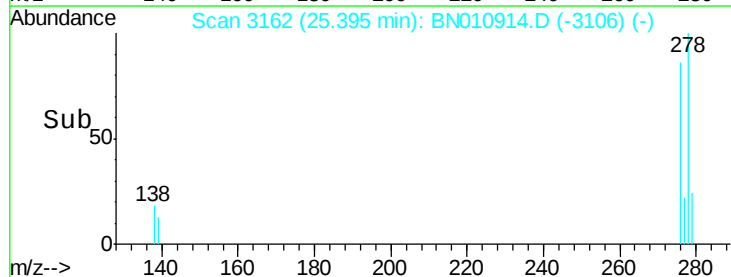
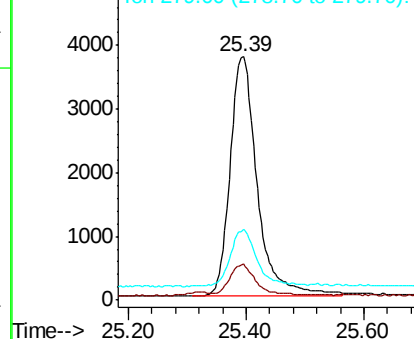
278 100

139 14.6 10.6 15.8

279 29.2 23.6 35.4



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: 0.442 ng

RT: 26.01 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BN010914.D

Acq: 16 Jun 2020 19:28

Instrument :

BNA_N

ClientSampleId :

PB129554BS

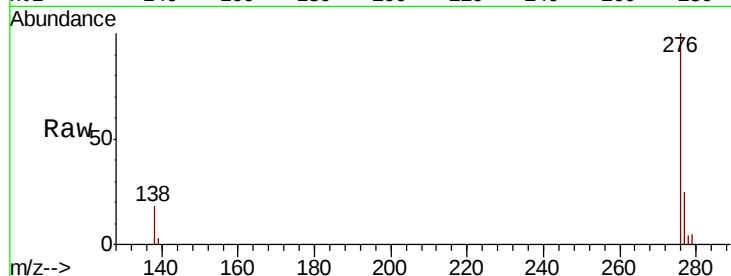
Tot Ion: 276 Resp: 12627

Ion Ratio Lower Upper

276 100

277 25.3 20.5 30.7

138 18.2 13.7 20.5



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

