

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051220\
 Data File : BN010696.D
 Acq On : 12 May 2020 12:33
 Operator : CG/JU
 Sample : PB128768BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128768BSD

Quant Time: May 12 13:19:24 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 May 12 10:58:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4434	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	17254	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	10795	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	23261	0.40	ng	0.00
27) Chrysene-d12	21.16	240	19273	0.40	ng	0.00
34) Perylene-d12	23.33	264	17688	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	2680	0.28	ng	0.00
5) Phenol-d6	6.78	99	3162	0.25	ng	0.00
8) Nitrobenzene-d5	8.71	82	3433	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	11.93	152	10749	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	907	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	11078	0.28	ng	0.00
25) Fluoranthene-d10	18.99	212	15490	0.22	ng	0.00
29) Terphenyl-d14	19.60	244	11751	0.27	ng	0.00

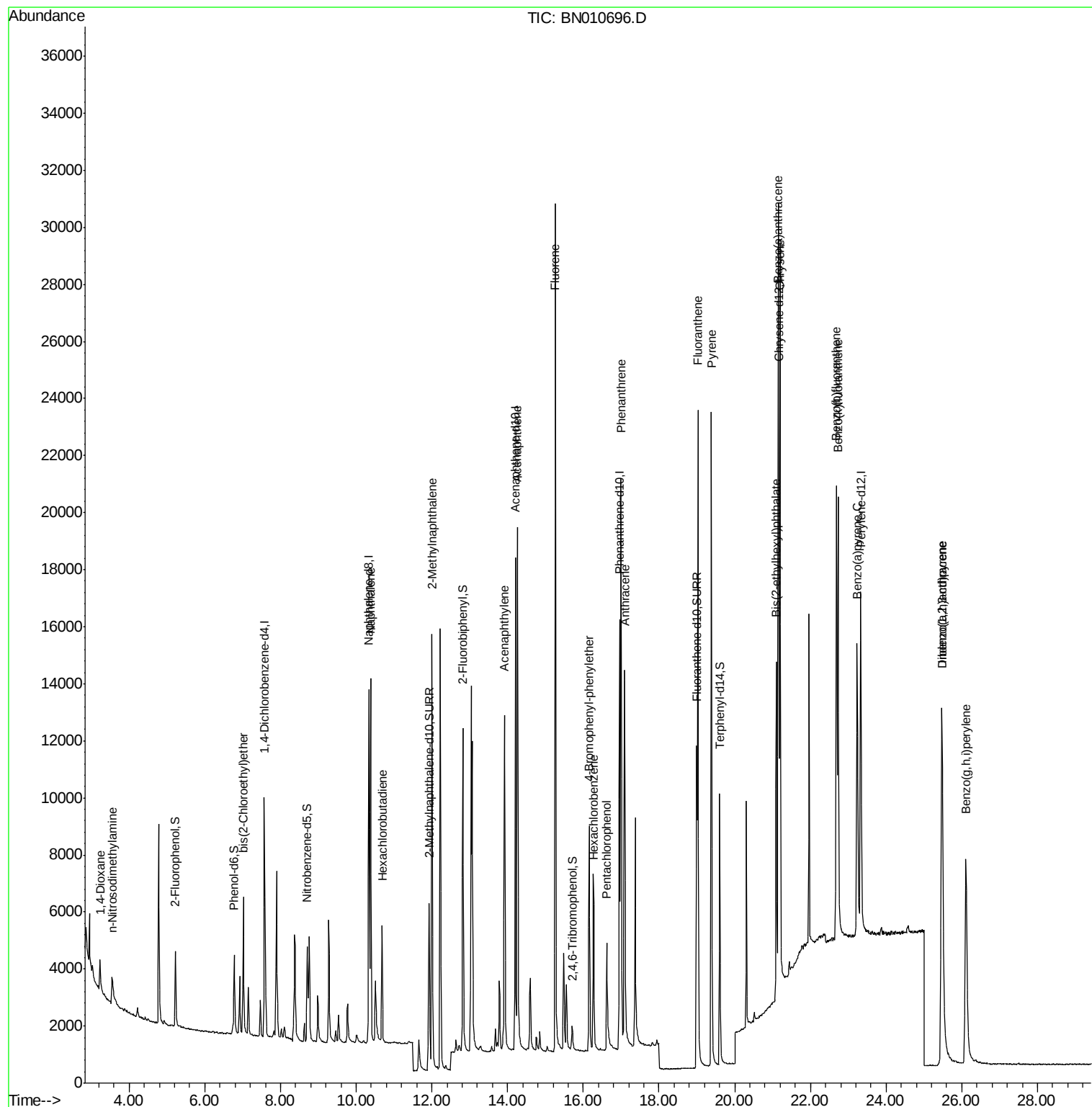
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	1064	0.33	ng	# 88
3) n-Nitrosodimethylamine	3.55	42	1001	0.47	ng	# 88
6) bis(2-Chloroethyl)ether	7.02	93	4377	0.40	ng	98
9) Naphthalene	10.38	128	16779	0.39	ng	99
10) Hexachlorobutadiene	10.68	225	3684	0.36	ng	# 98
12) 2-Methylnaphthalene	12.00	142	11890	0.39	ng	99
16) Acenaphthylene	13.91	152	16091	0.35	ng	99
17) Acenaphthene	14.26	154	11003	0.37	ng	99
18) Fluorene	15.26	166	14255	0.36	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	4392	0.34	ng	# 85
21) Hexachlorobenzene	16.27	284	5454	0.37	ng	96
22) Pentachlorophenol	16.62	266	3110	0.54	ng	99
23) Phenanthrene	17.00	178	22351	0.36	ng	99
24) Anthracene	17.09	178	18632	0.32	ng	100
26) Fluoranthene	19.02	202	24752	0.32	ng	100
28) Pyrene	19.39	202	24566	0.38	ng	99
30) Benzo(a)anthracene	21.14	228	20155	0.32	ng	100
31) Chrysene	21.20	228	22250	0.36	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	8326	0.26	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	20149	0.36	ng	99
35) Benzo(b)fluoranthene	22.68	252	20956	0.36	ng	99
36) Benzo(k)fluoranthene	22.73	252	22331	0.38	ng	99
37) Benzo(a)pyrene	23.24	252	18508	0.36	ng	98
38) Dibenzo(a,h)anthracene	25.49	278	15863	0.34	ng	98
39) Benzo(g,h,i)perylene	26.11	276	18706	0.39	ng	99

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

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QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

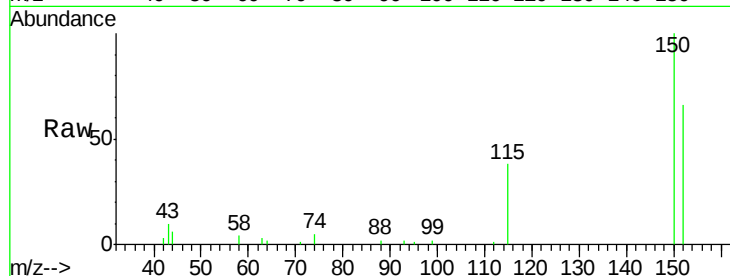
Tgt Ion:152 Resp: 4434

Ion Ratio Lower Upper

152 100

150 152.6 121.8 182.6

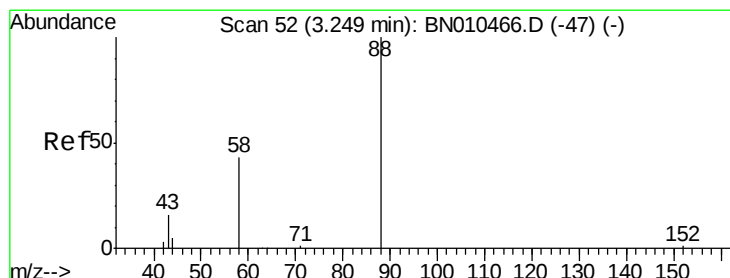
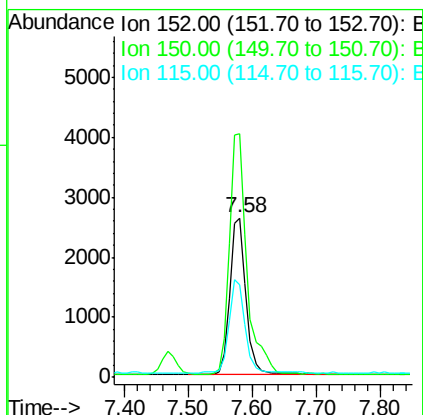
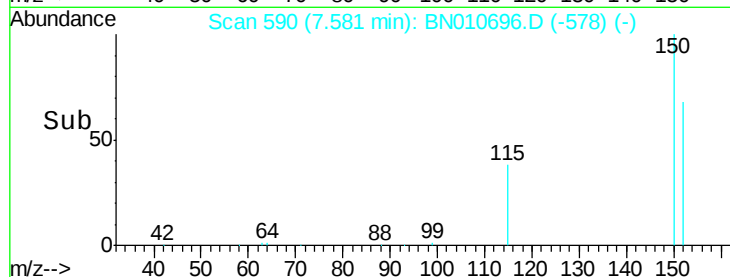
115 58.0 45.5 68.3



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: 0.33 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

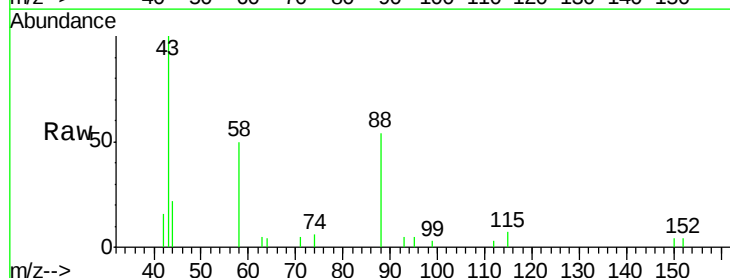
Tgt Ion: 88 Resp: 1064

Ion Ratio Lower Upper

88 100

58 42.9 36.5 54.7

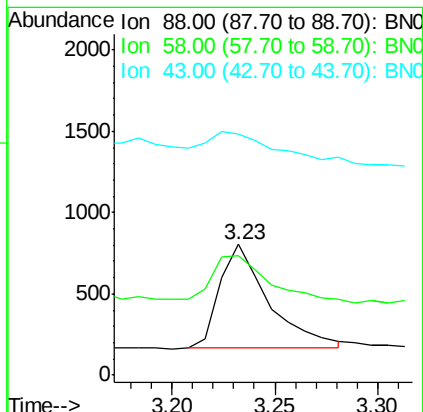
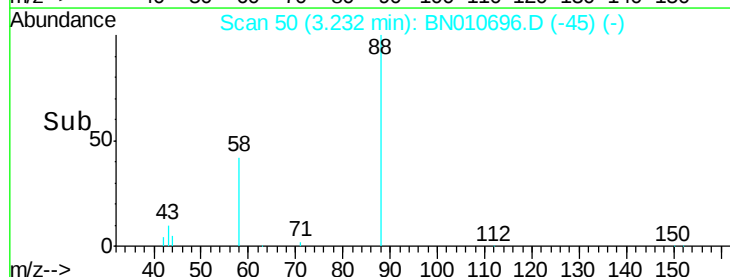
43 30.5 13.2 19.8#

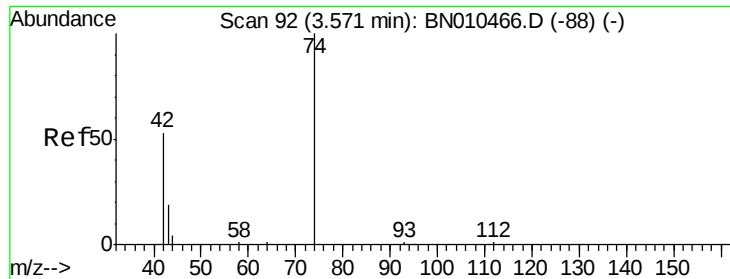


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.47 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.03 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

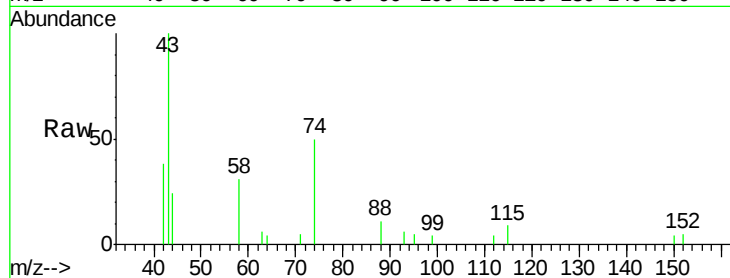
Tgt Ion: 42 Resp: 1001

Ion Ratio Lower Upper

42 100

74 184.8 162.2 243.4

44 5.3 2.4 3.6#

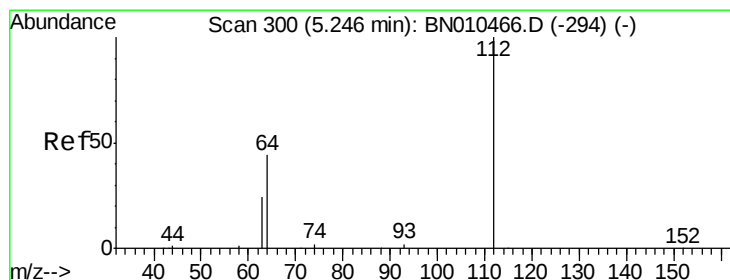
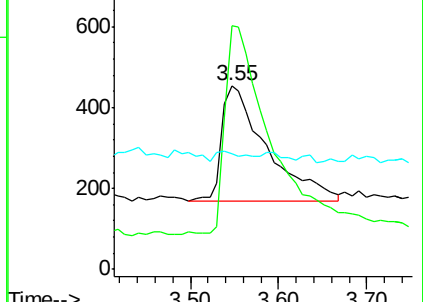
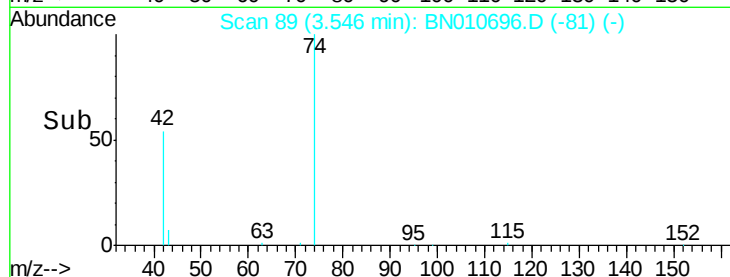


Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN010466.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN010466.D (-88) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.28 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.01 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

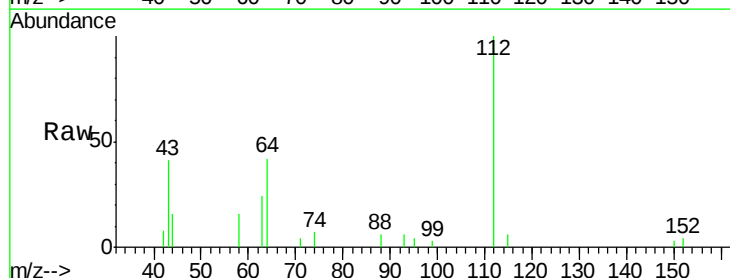
Tgt Ion: 112 Resp: 2680

Ion Ratio Lower Upper

112 100

64 45.1 35.8 53.8

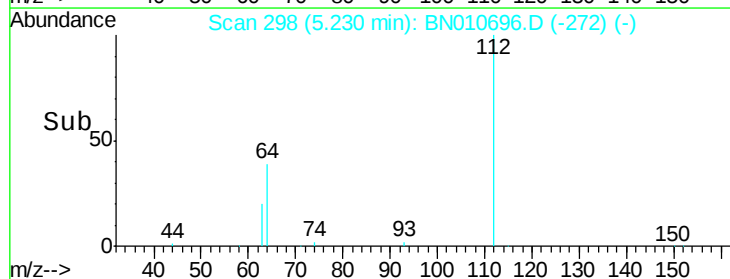
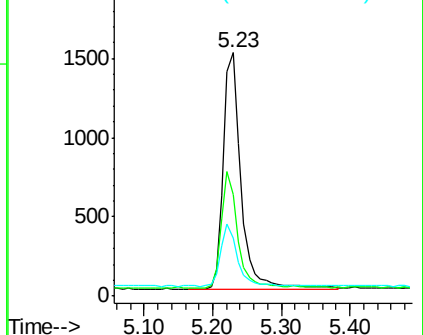
63 24.9 19.9 29.9

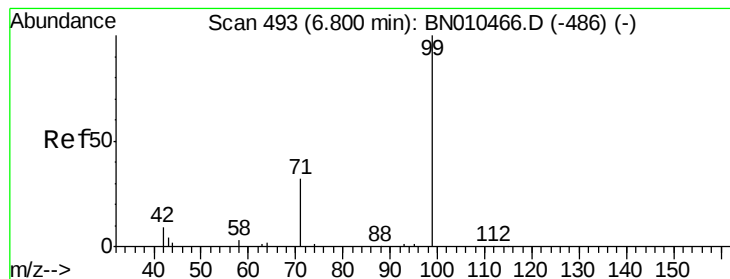


Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)

Ion 64.00 (63.70 to 64.70): BN010466.D (-294) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-294) (-)





#5

Phenol-d6

Concen: 0.25 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

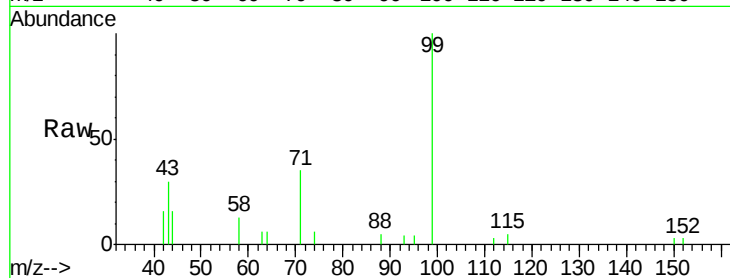
Tgt Ion: 99 Resp: 3162

Ion Ratio Lower Upper

99 100

42 14.4 9.8 14.6

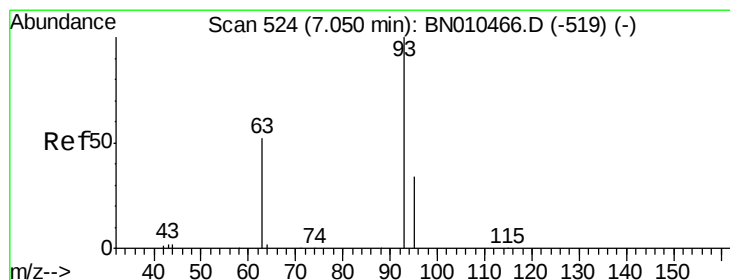
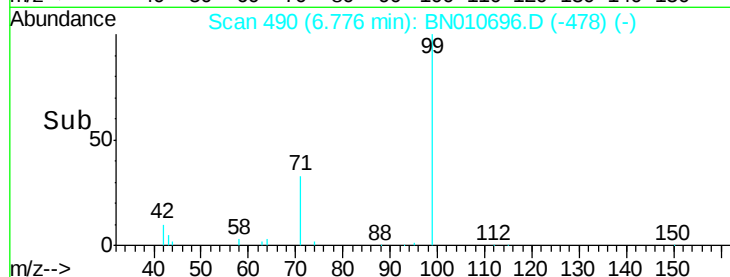
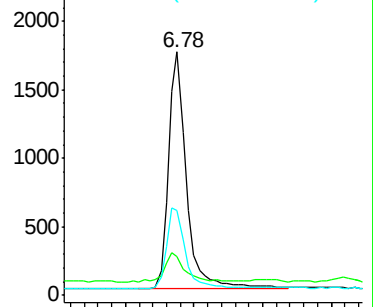
71 35.2 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.40 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

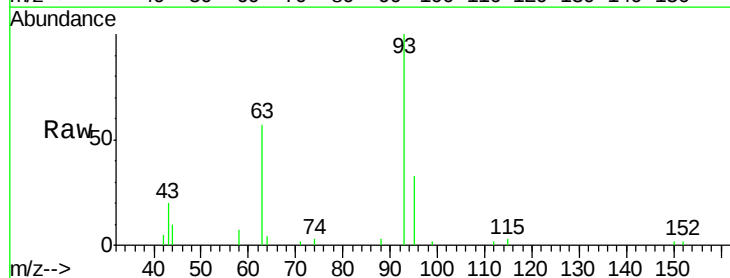
Tgt Ion: 93 Resp: 4377

Ion Ratio Lower Upper

93 100

63 57.9 44.6 66.8

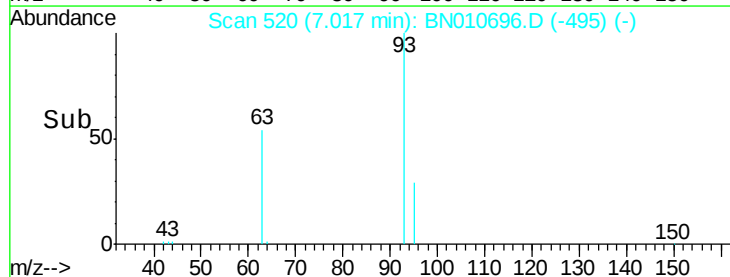
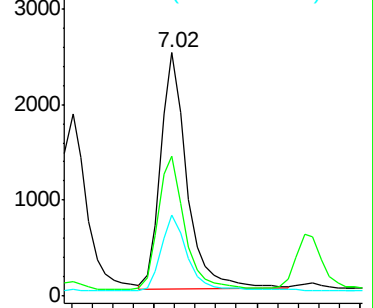
95 32.9 26.5 39.7

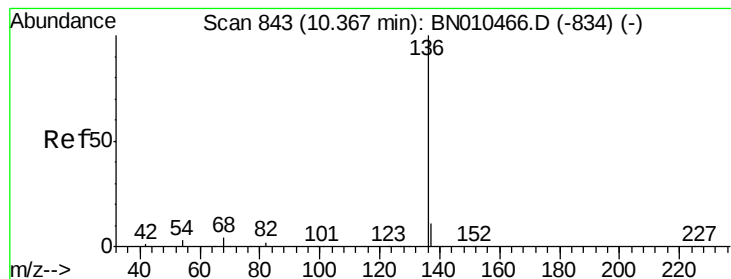


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

Tgt Ion:136 Resp: 17254

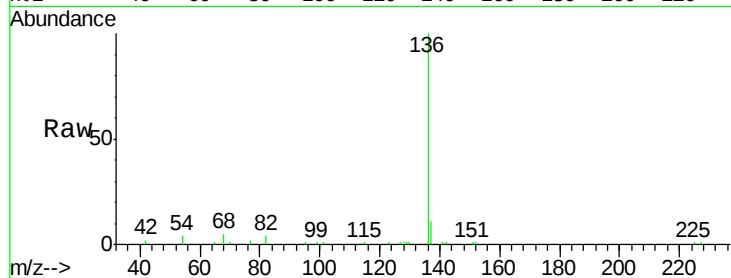
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 4.3 2.6 4.0#

68 5.0 3.4 5.2

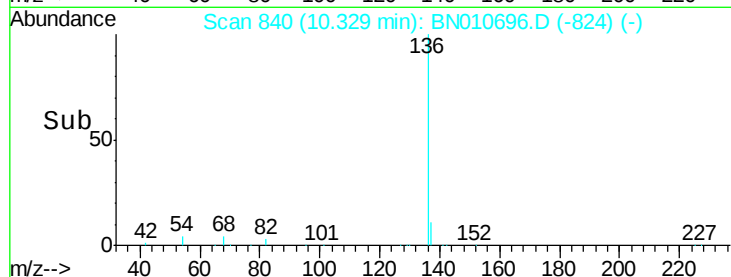


Abundance Ion 136.00 (135.70 to 136.70): E

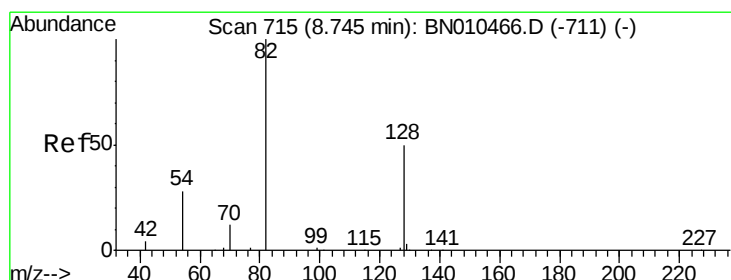
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.28 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.01 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

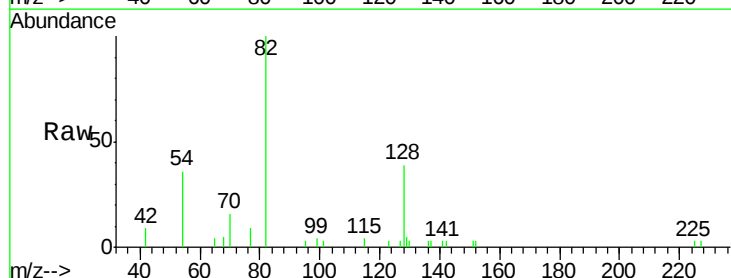
Tgt Ion: 82 Resp: 3433

Ion Ratio Lower Upper

82 100

128 39.1 41.3 61.9#

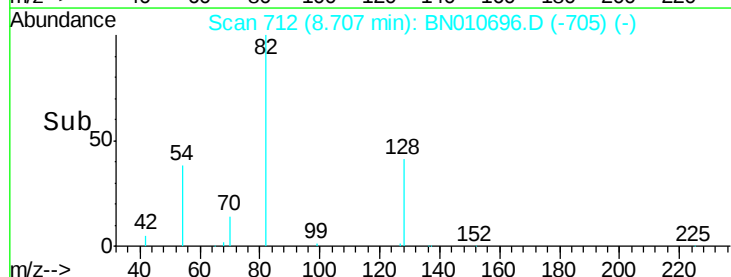
54 36.0 23.4 35.0#



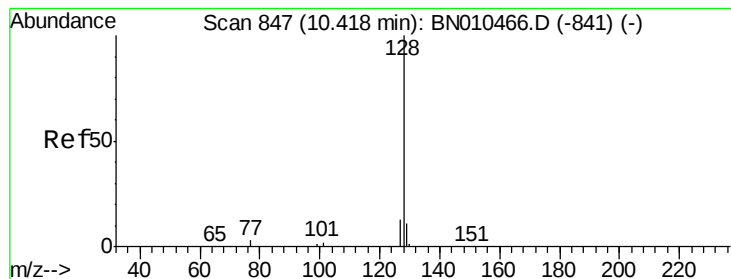
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.39 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

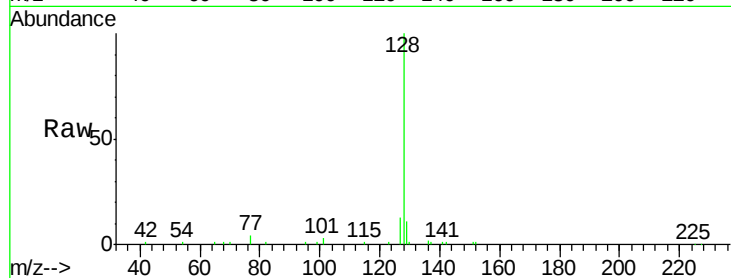
Tgt Ion:128 Resp: 16779

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

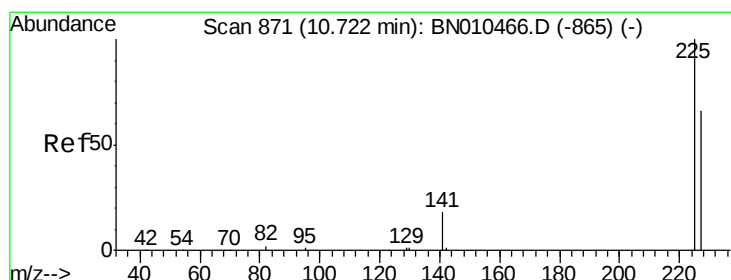
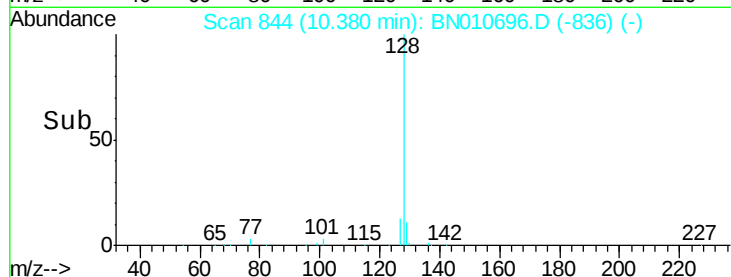
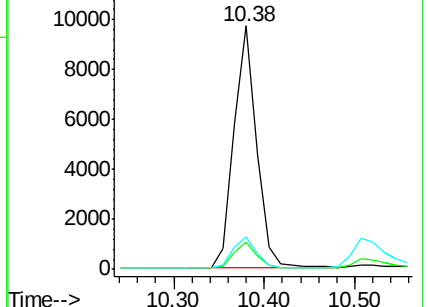
127 13.3 10.5 15.7



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: 0.36 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

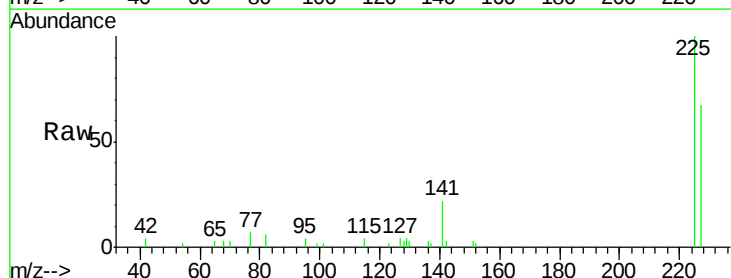
Tgt Ion:225 Resp: 3684

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

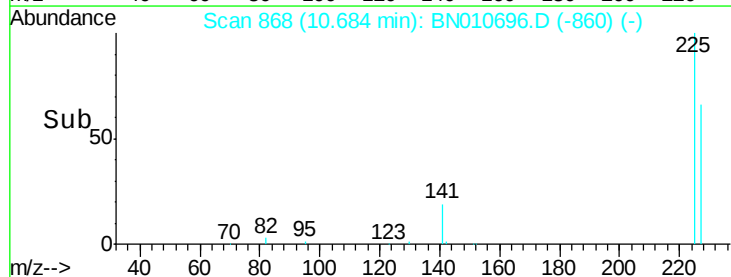
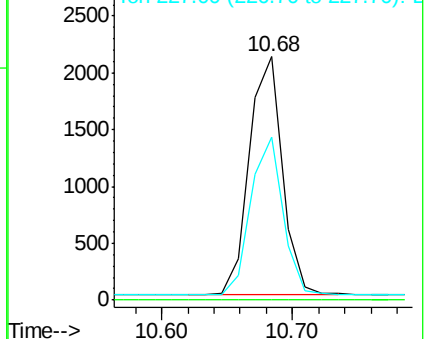
227 64.5 50.6 76.0

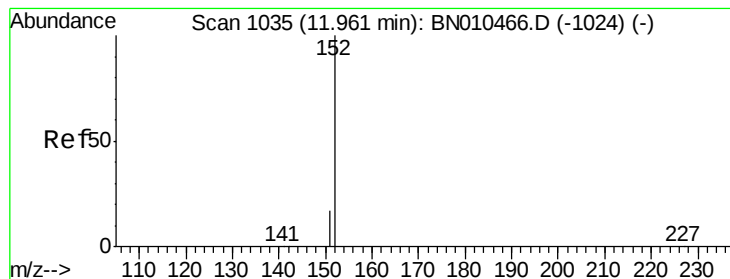


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.38 ng

RT: 11.93 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

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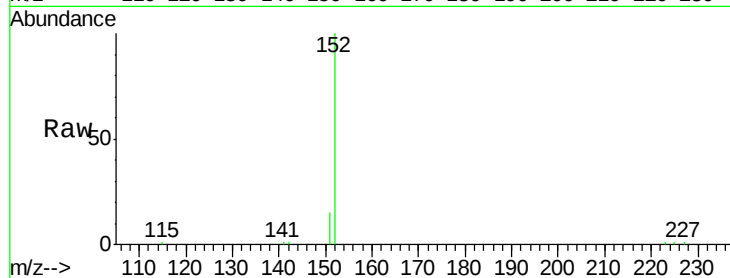
PB128768BSD

Tgt Ion:152 Resp: 10749

Ion Ratio Lower Upper

152 100

151 14.1 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

5000

4000

3000

2000

1000

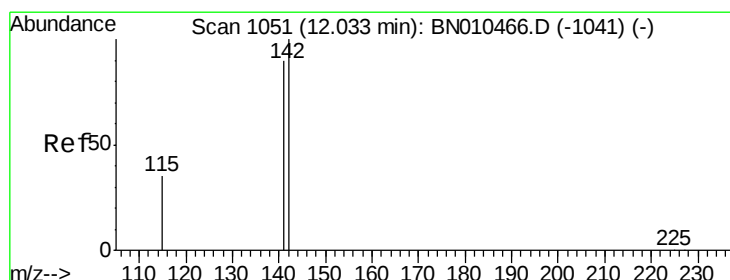
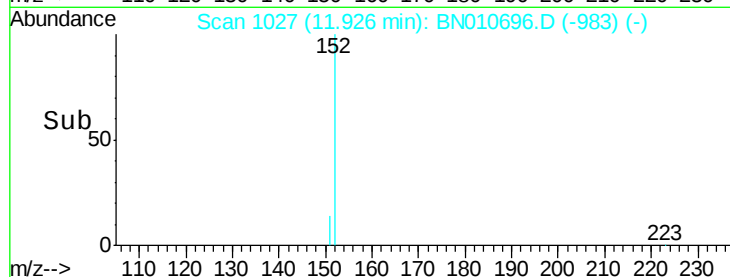
0

11.80

11.93

12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.00 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

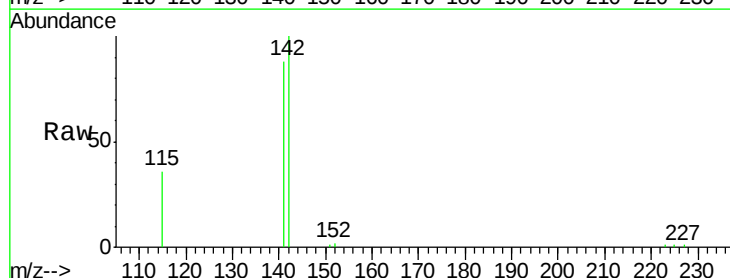
Tgt Ion:142 Resp: 11890

Ion Ratio Lower Upper

142 100

141 88.4 71.9 107.9

115 36.3 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8000

6000

4000

2000

0

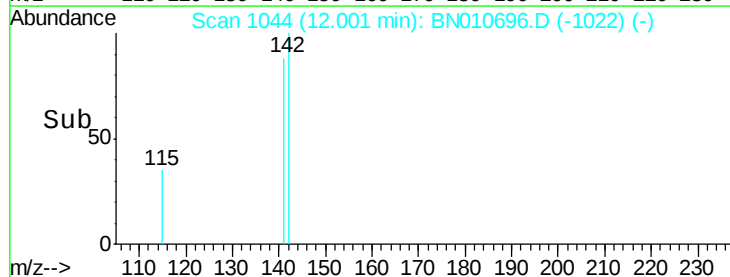
11.90

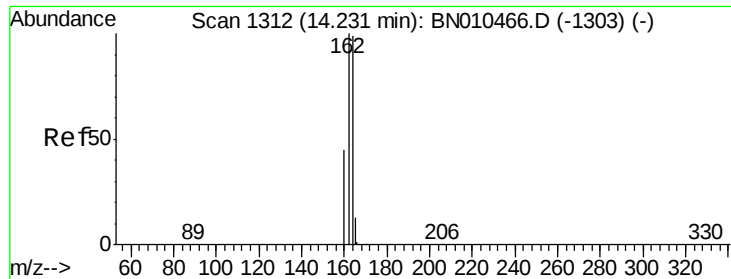
12.00

12.10

12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

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PB128768BSD

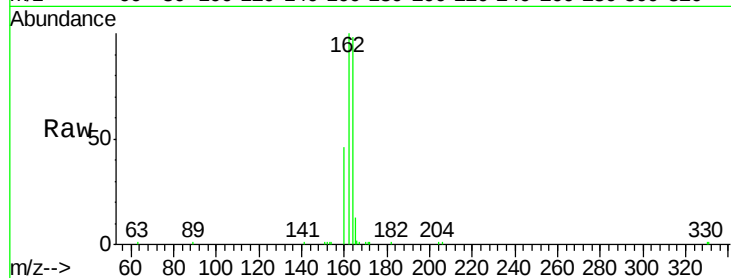
Tgt Ion:164 Resp: 10795

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

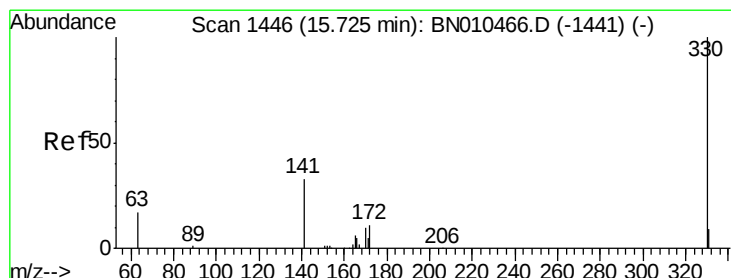
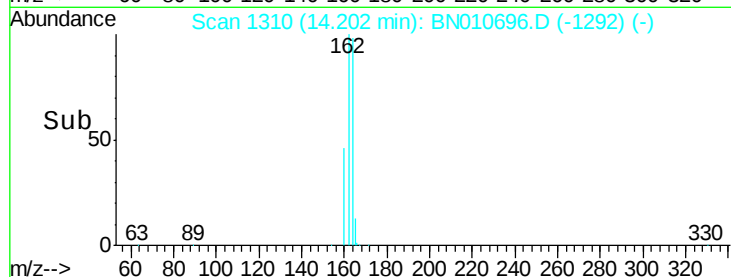
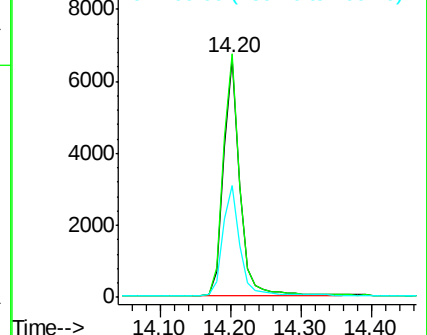
160 47.0 36.5 54.7



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

2,4,6-Tribromophenol

Concen: 0.18 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

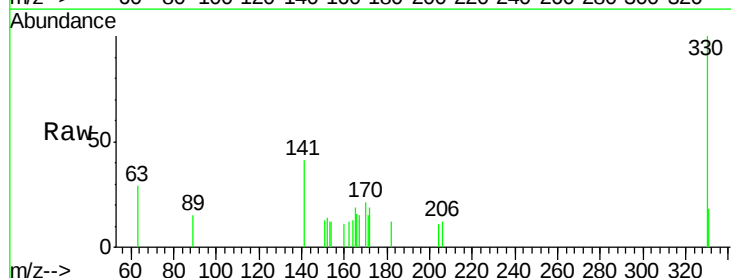
Tgt Ion:330 Resp: 907

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

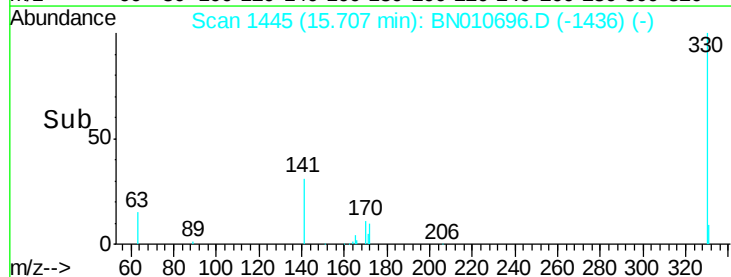
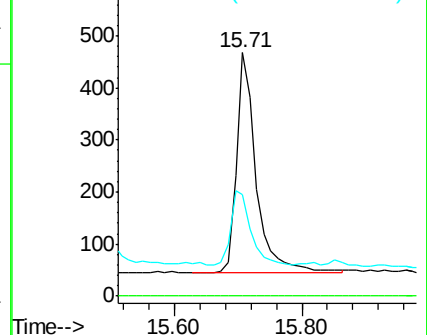
141 34.2 28.1 42.1

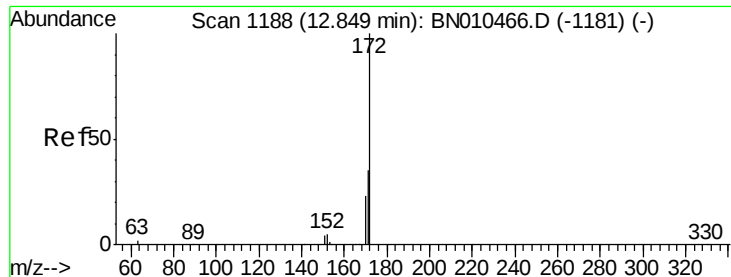


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

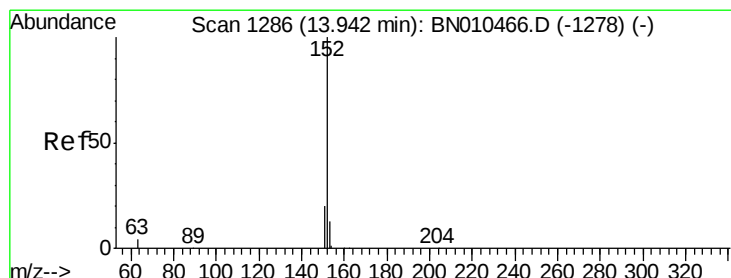
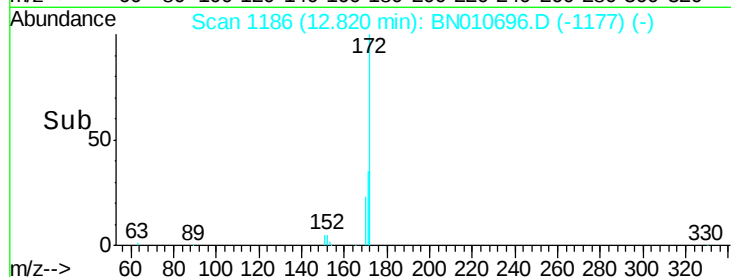
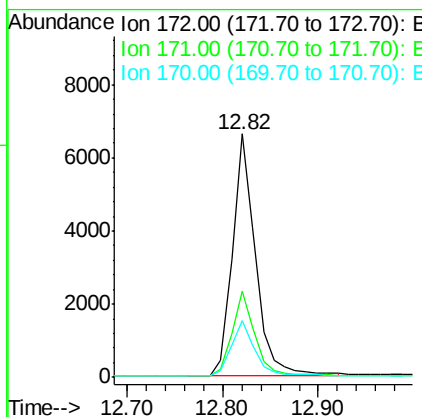
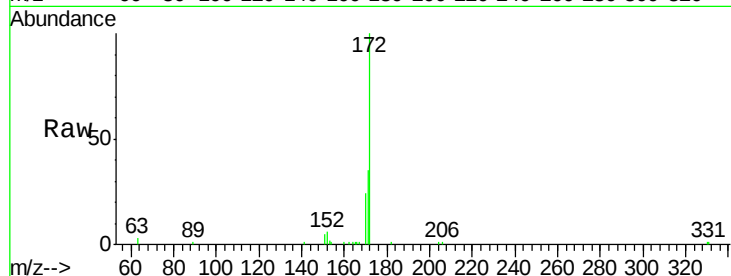




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

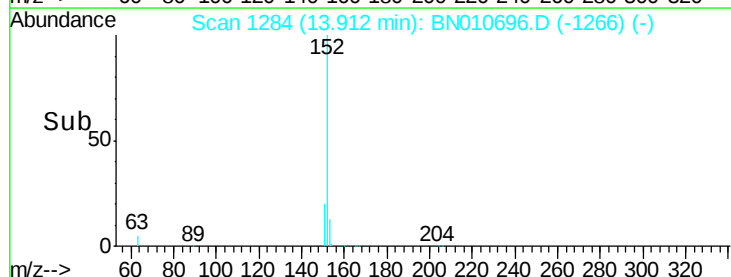
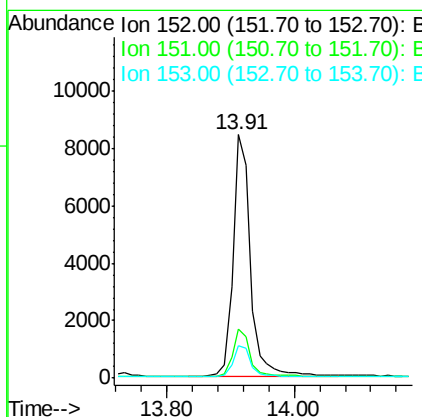
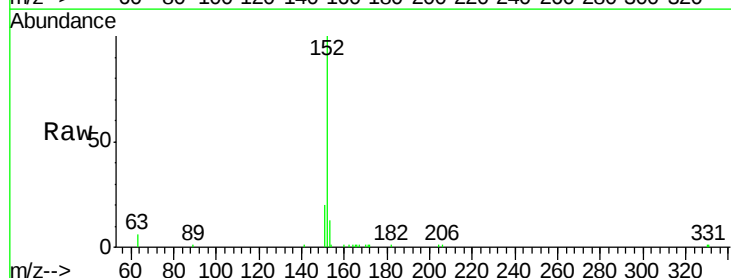
Instrument :
BNA_N
ClientSampleId :
PB128768BSD

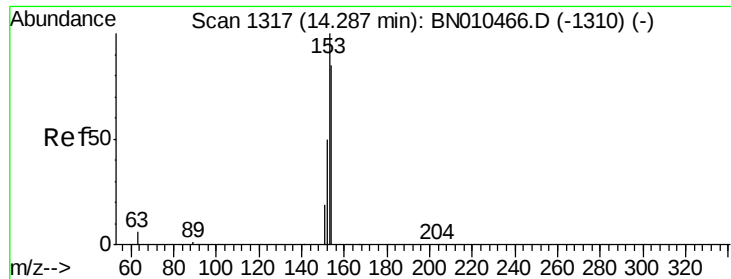
Tgt Ion:172 Resp: 11078
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 18.4 27.6



#16
Acenaphthylene
Concen: 0.35 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:152 Resp: 16091
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

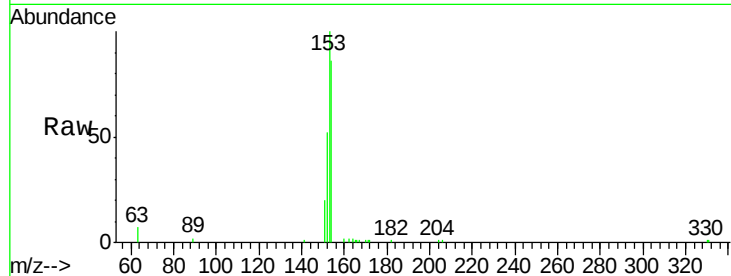
Tgt Ion:154 Resp: 11003

Ion Ratio Lower Upper

154 100

153 113.7 91.0 136.4

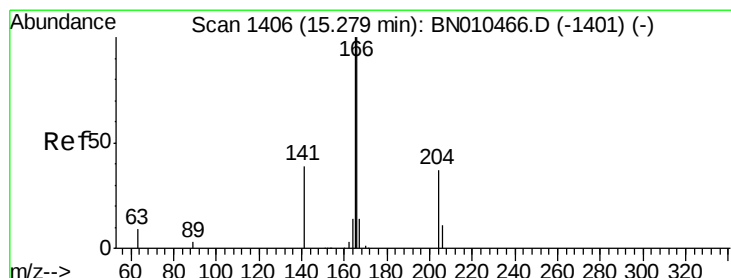
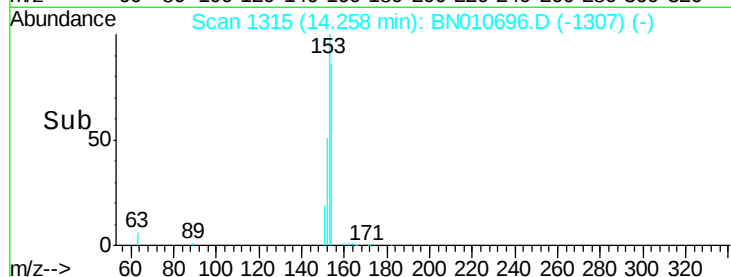
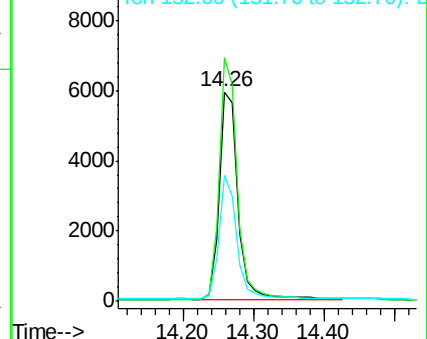
152 57.4 44.6 67.0



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: 0.36 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

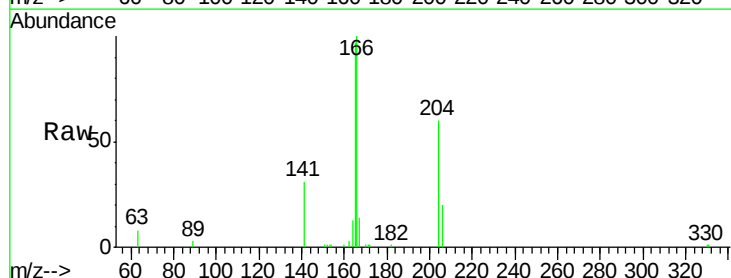
Tgt Ion:166 Resp: 14255

Ion Ratio Lower Upper

166 100

165 98.1 78.4 117.6

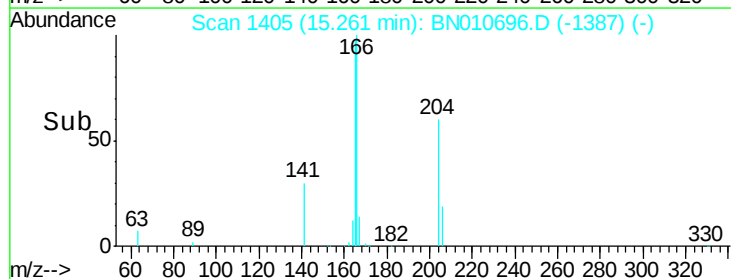
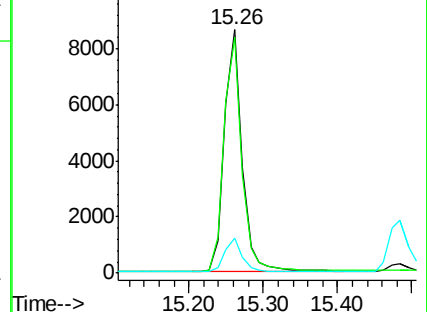
167 13.5 10.9 16.3

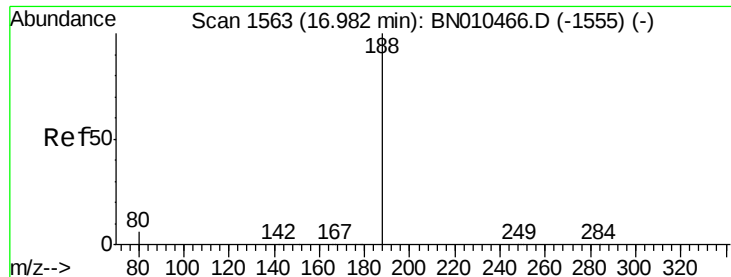


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

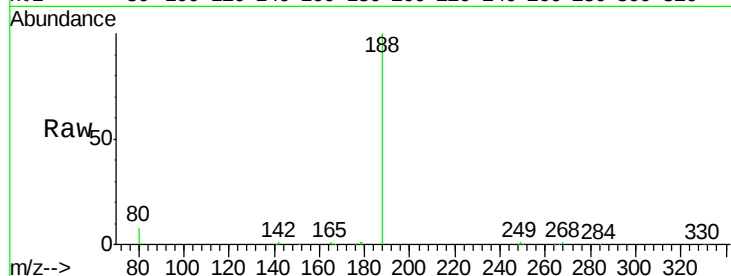
Tgt Ion:188 Resp: 23261

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

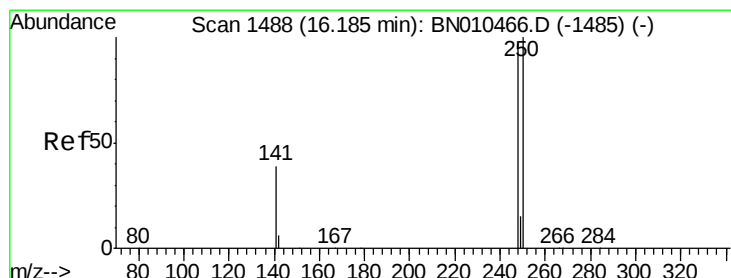
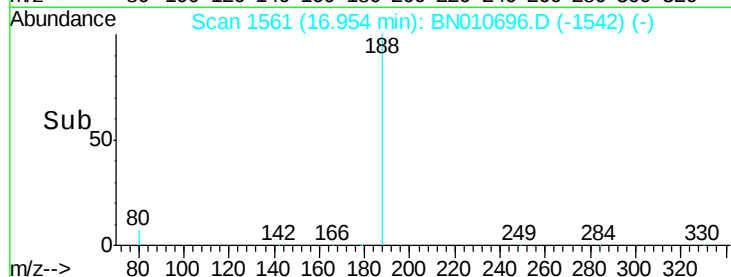
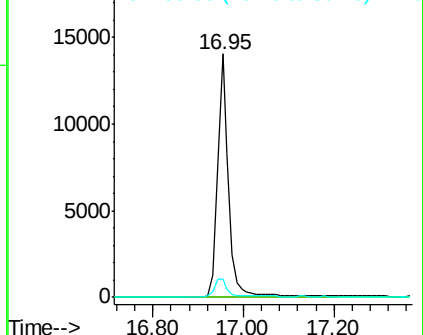
80 7.5 5.0 7.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.34 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

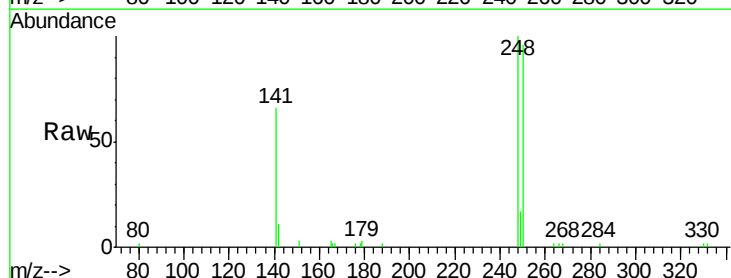
Tgt Ion:248 Resp: 4392

Ion Ratio Lower Upper

248 100

250 96.1 82.3 123.5

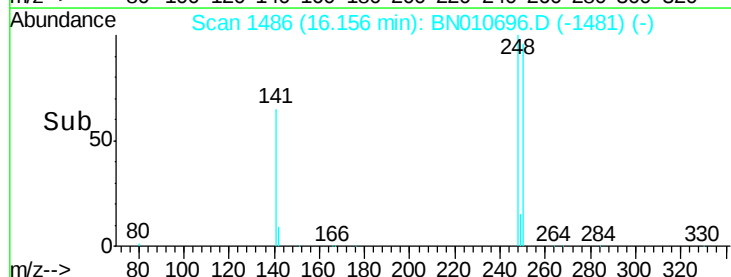
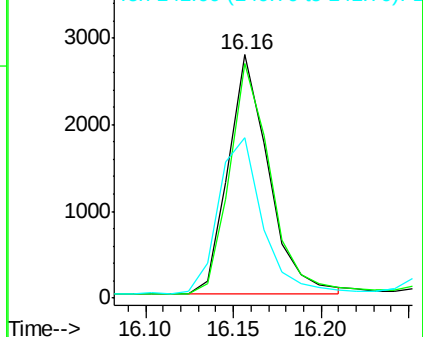
141 65.8 35.2 52.8#

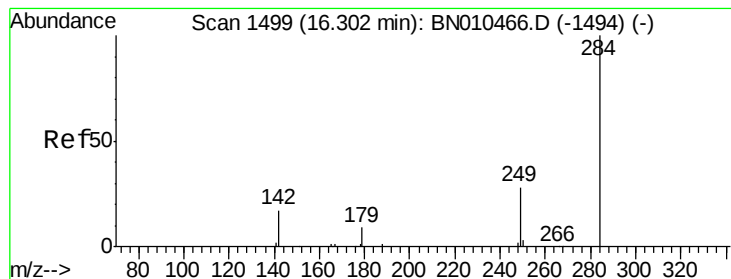


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.37 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

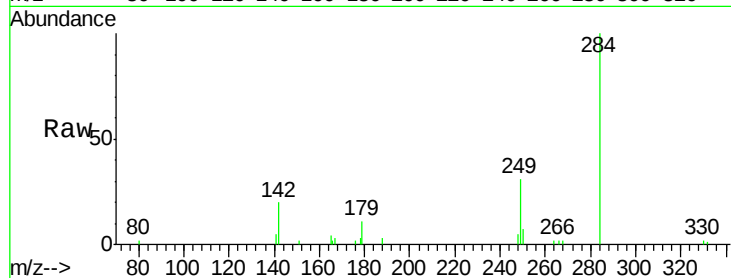
Tgt Ion:284 Resp: 5454

Ion Ratio Lower Upper

284 100

142 34.5 25.5 38.3

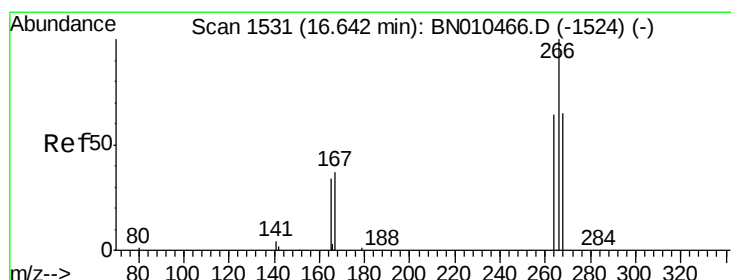
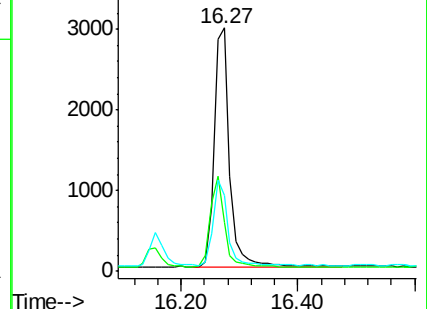
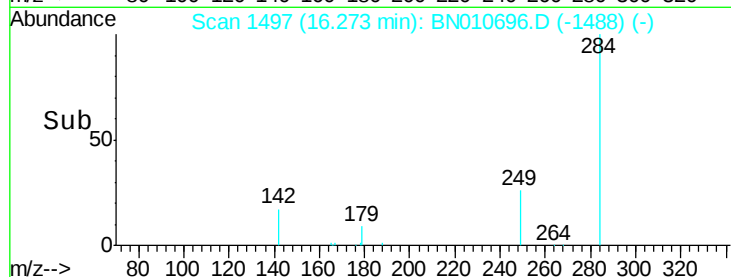
249 33.9 25.8 38.6



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: 0.54 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

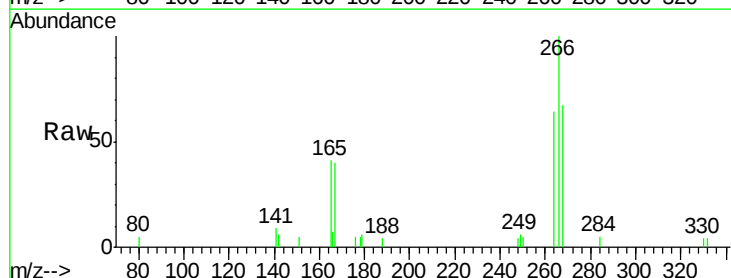
Tgt Ion:266 Resp: 3110

Ion Ratio Lower Upper

266 100

264 64.0 51.8 77.6

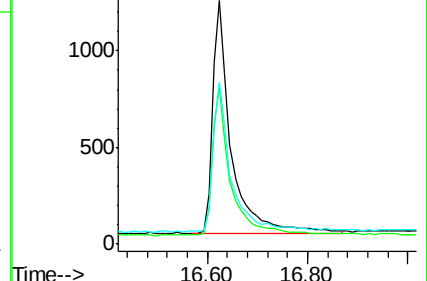
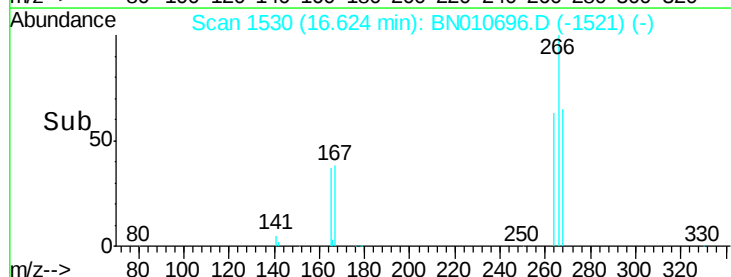
268 66.7 53.7 80.5

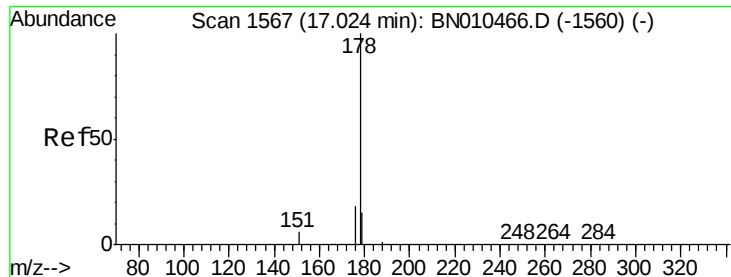


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.36 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

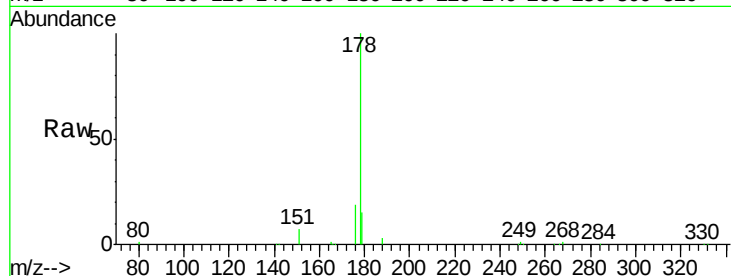
Tgt Ion:178 Resp: 22351

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

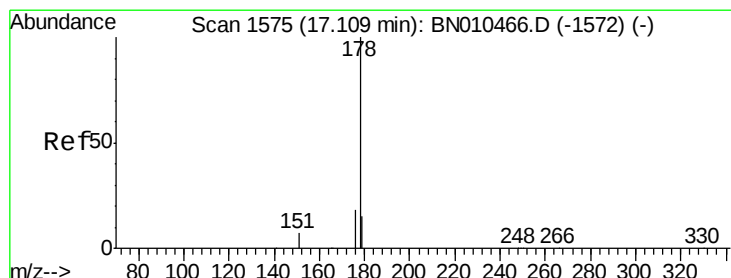
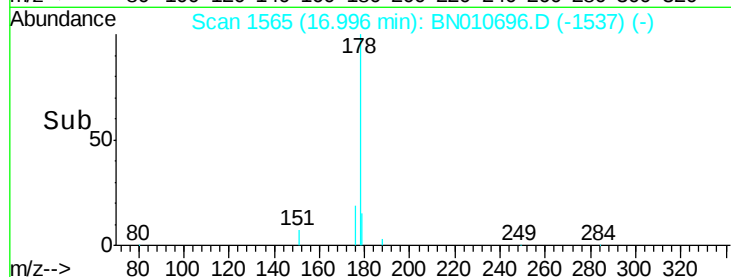
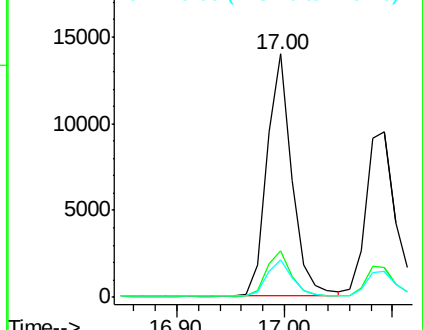
179 15.3 12.6 18.8



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: 0.32 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

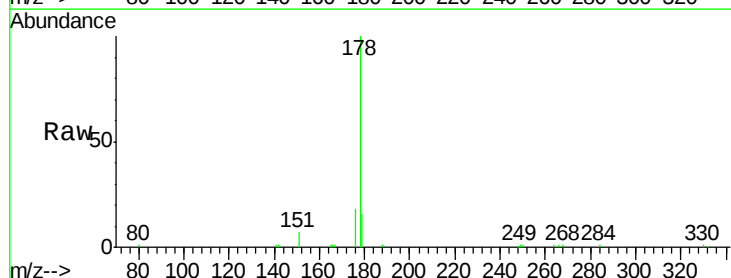
Tgt Ion:178 Resp: 18632

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

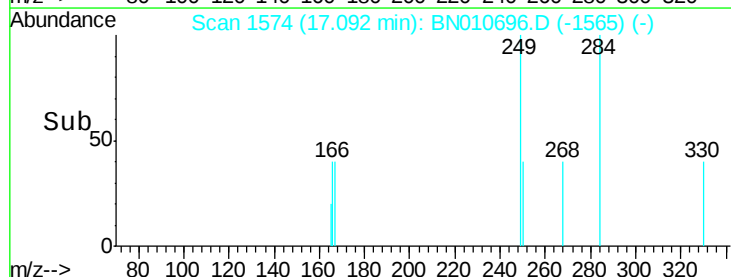
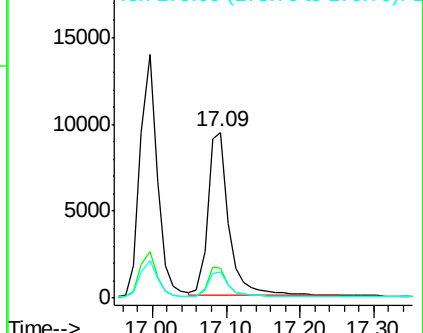
179 15.1 12.2 18.2

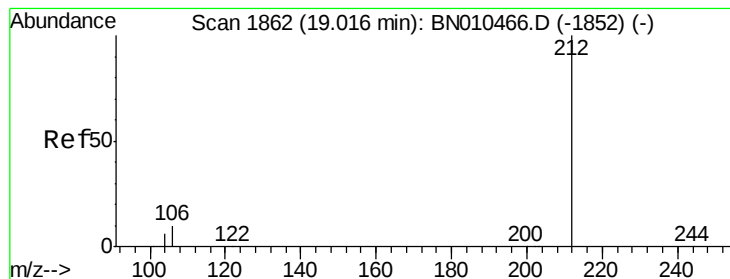


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.22 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

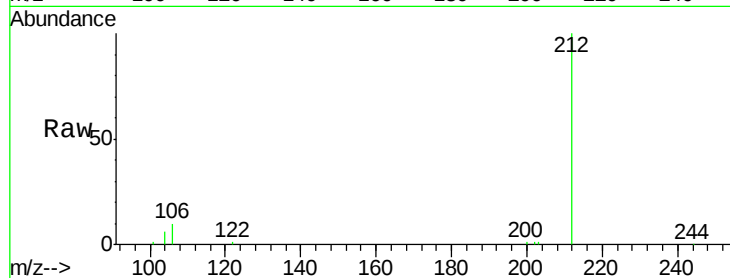
Tgt Ion:212 Resp: 15490

Ion Ratio Lower Upper

212 100

106 9.9 7.8 11.6

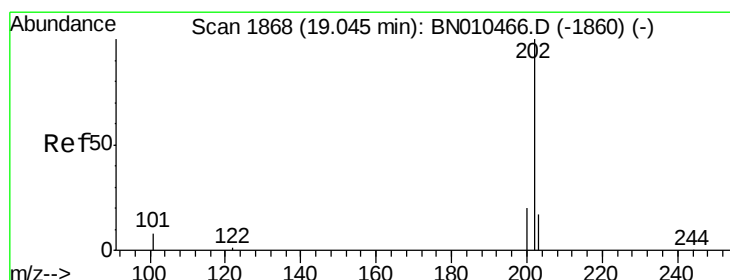
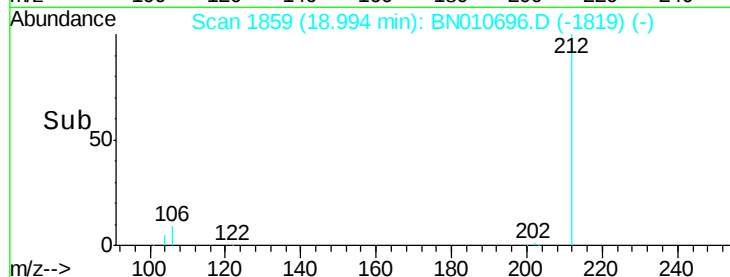
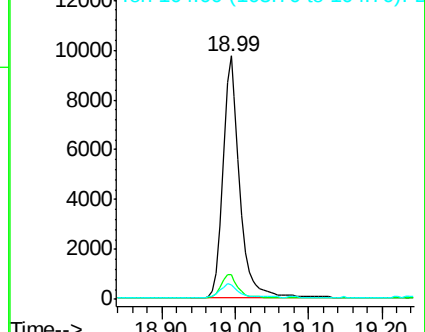
104 5.9 4.5 6.7



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: 0.32 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

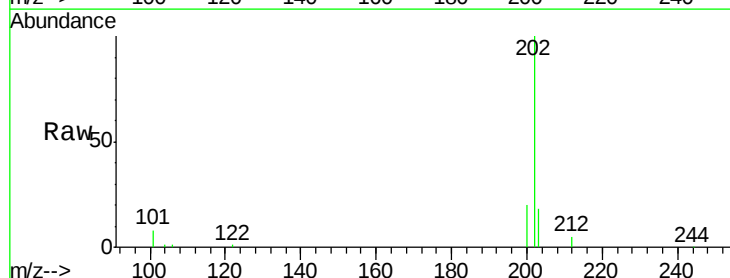
Tgt Ion:202 Resp: 24752

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

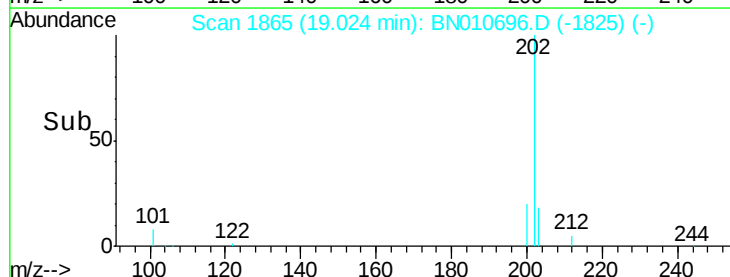
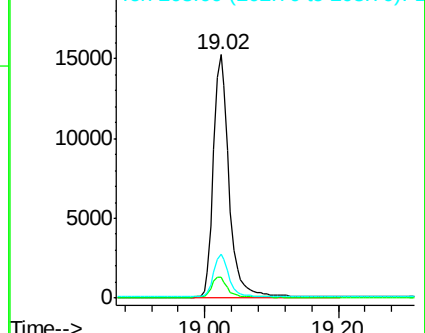
203 17.2 13.9 20.9

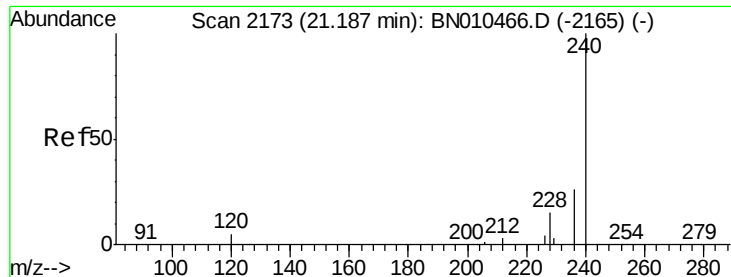


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

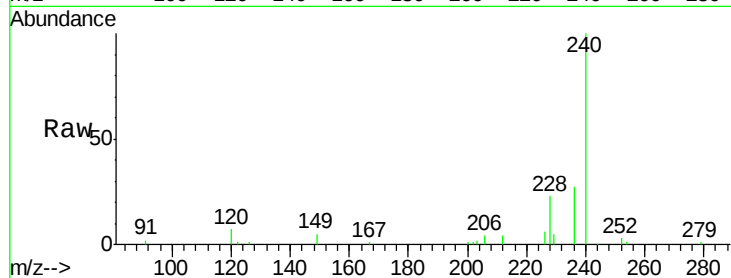
Tgt Ion:240 Resp: 19273

Ion Ratio Lower Upper

240 100

120 6.5 4.8 7.2

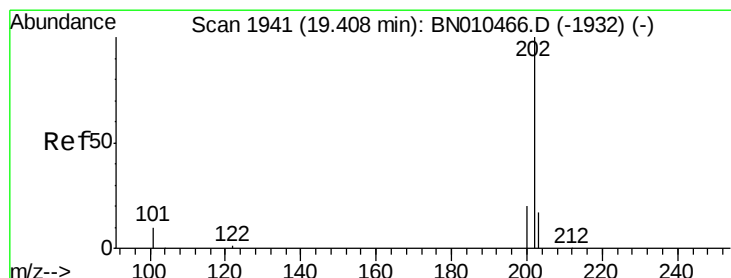
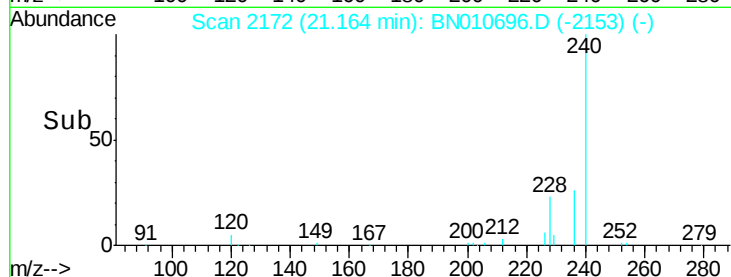
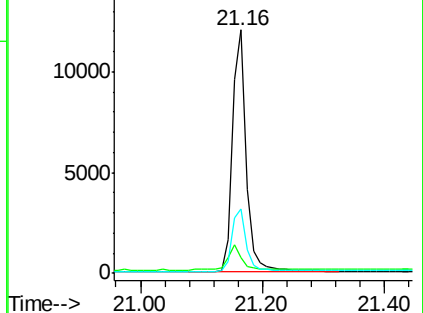
236 26.7 21.4 32.0



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



#28

Pyrene

Concen: 0.38 ng

RT: 19.39 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

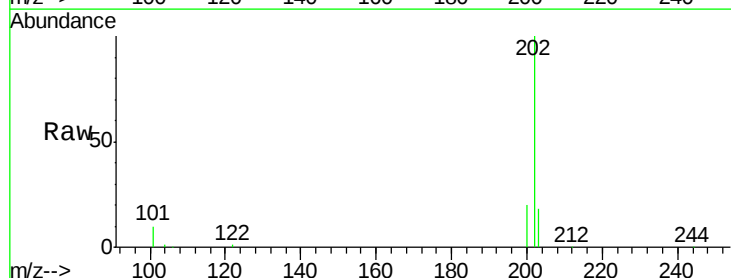
Tgt Ion:202 Resp: 24566

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

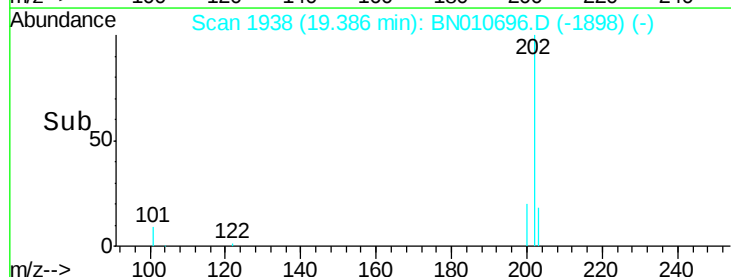
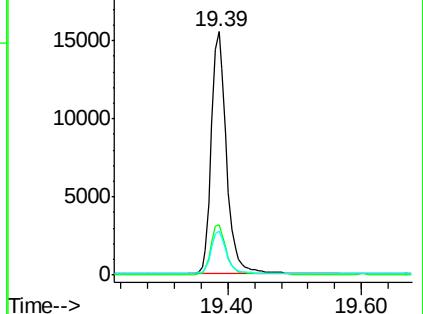
203 18.0 14.0 21.0

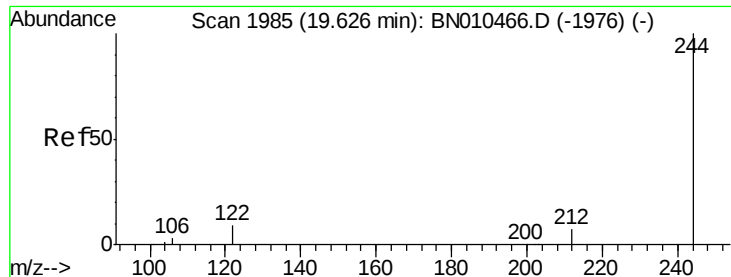


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.27 ng

RT: 19.60 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

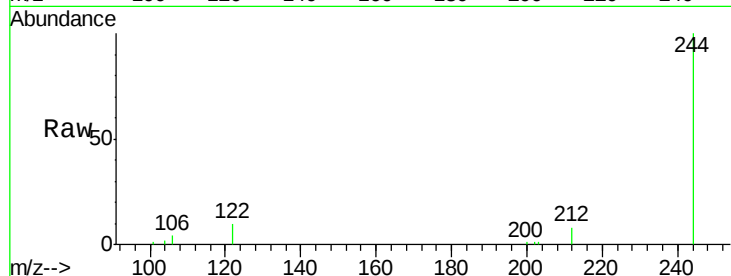
Tgt Ion:244 Resp: 11751

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

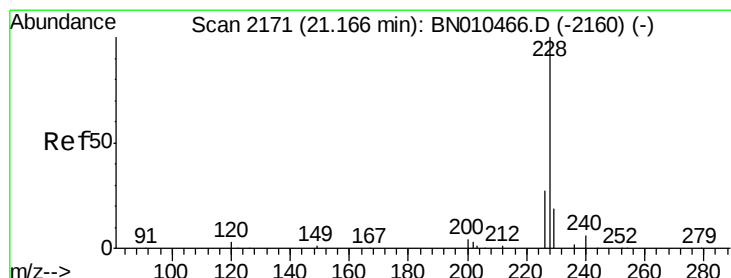
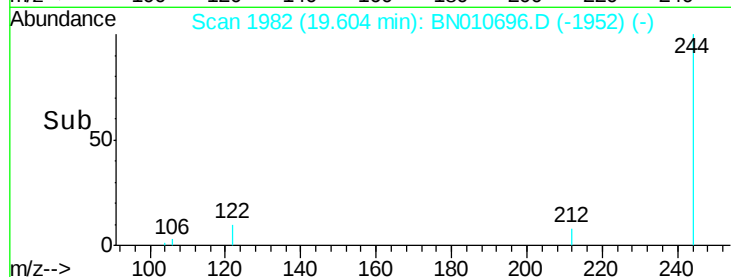
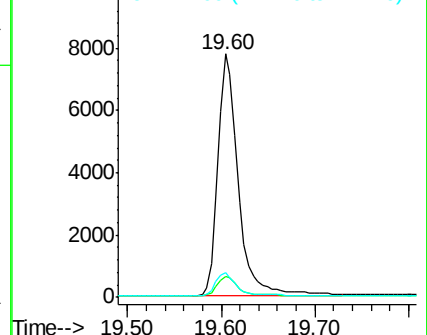
122 10.2 7.8 11.8



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: 0.32 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

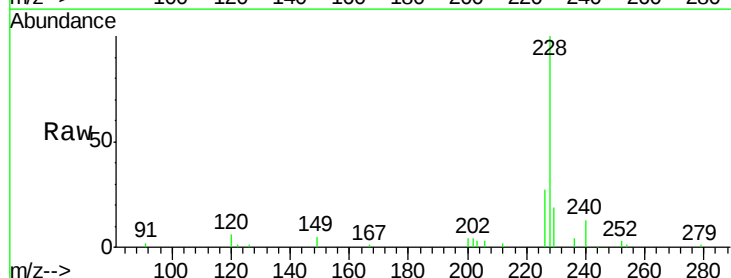
Tgt Ion:228 Resp: 20155

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

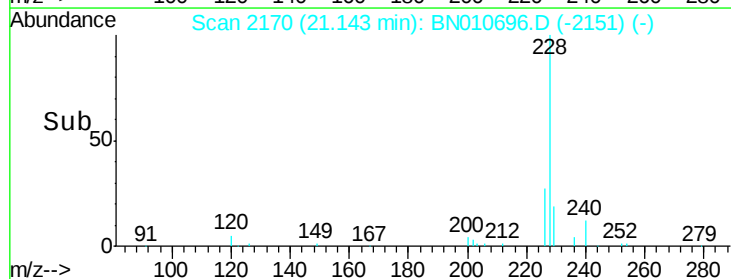
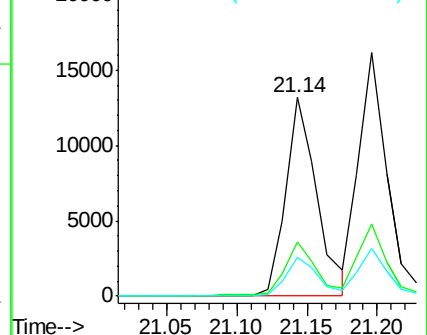
229 19.4 15.6 23.4

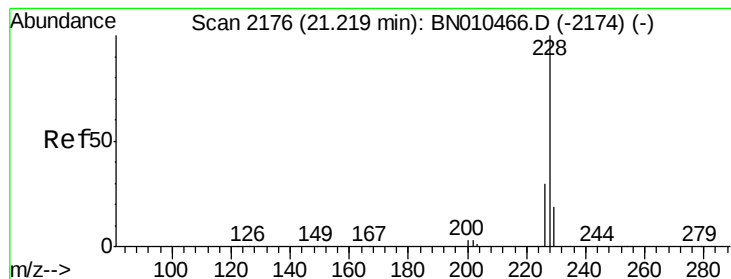


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.36 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

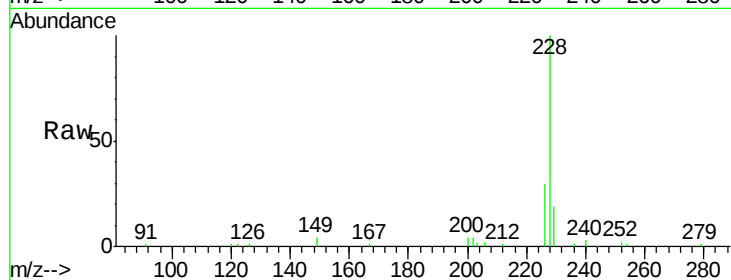
Tgt Ion:228 Resp: 22250

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

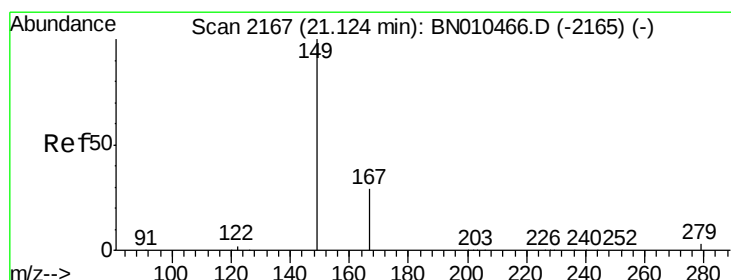
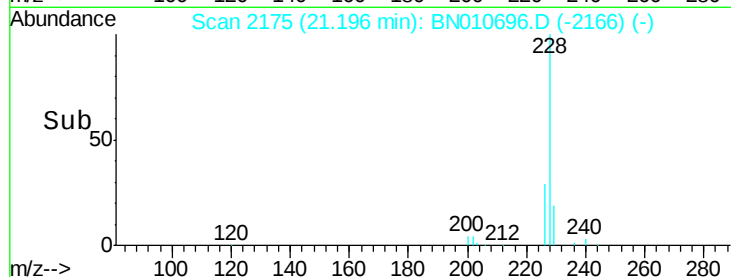
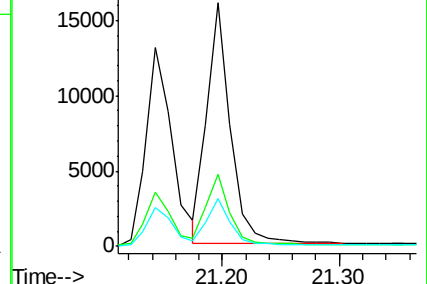
229 19.5 15.8 23.6



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: 0.26 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

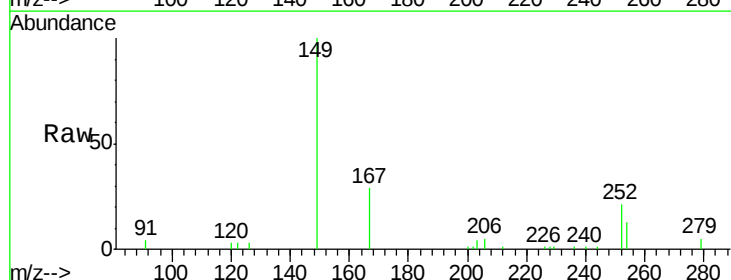
Tgt Ion:149 Resp: 8326

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

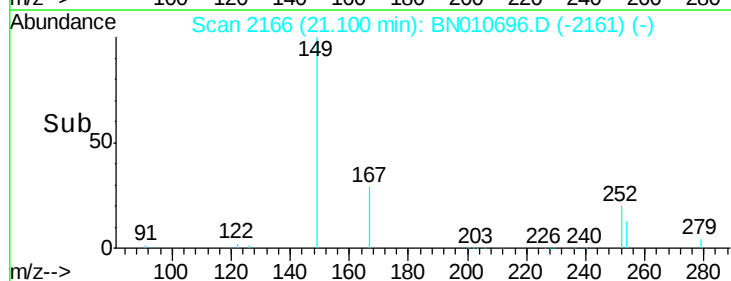
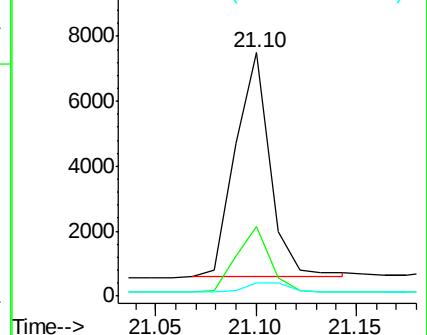
279 4.7 4.0 6.0

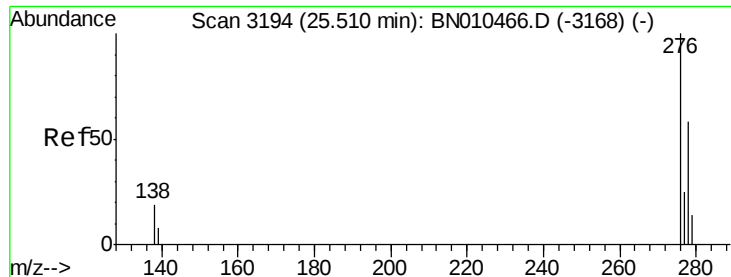


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.36 ng

RT: 25.47 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

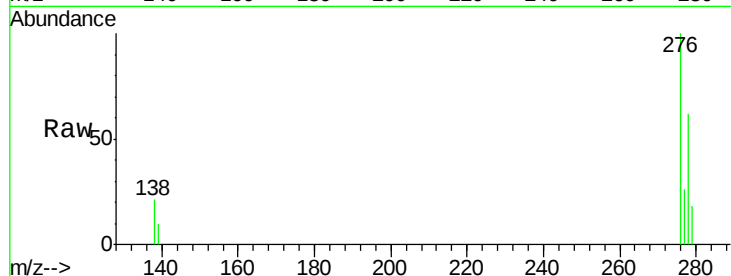
Tgt Ion:276 Resp: 20149

Ion Ratio Lower Upper

276 100

138 19.7 16.4 24.6

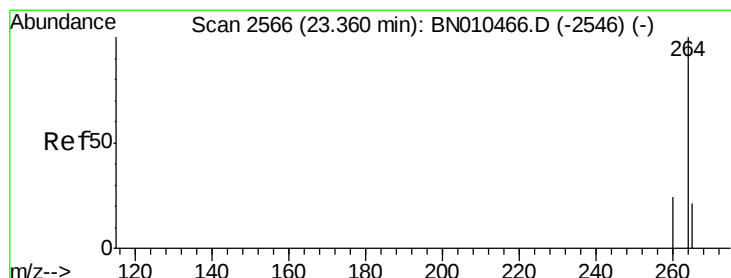
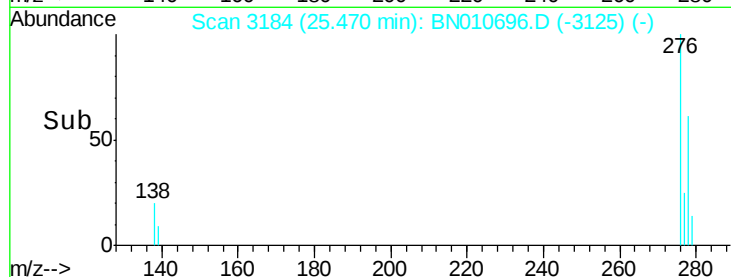
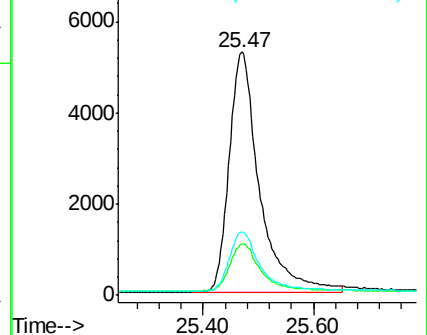
277 24.5 19.8 29.6



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: 0.40 ng

RT: 23.33 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

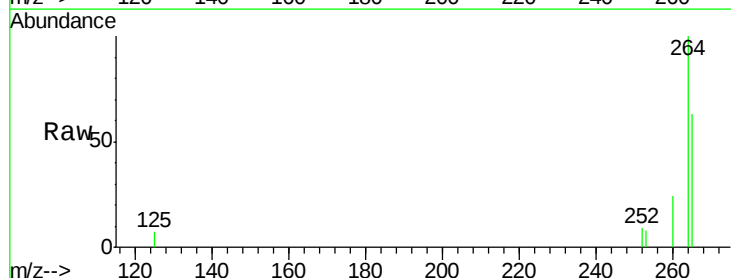
Tgt Ion:264 Resp: 17688

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

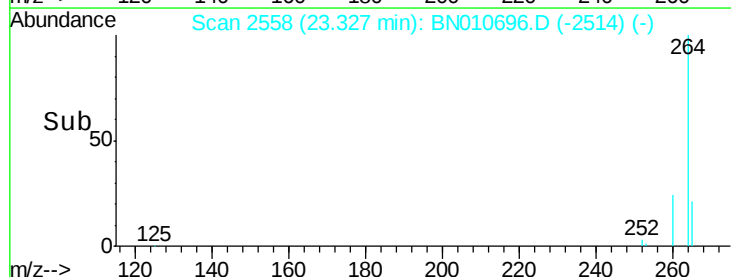
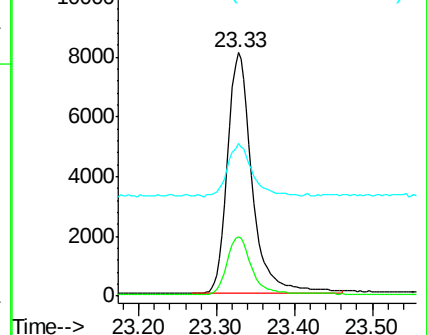
265 62.7 42.3 63.5

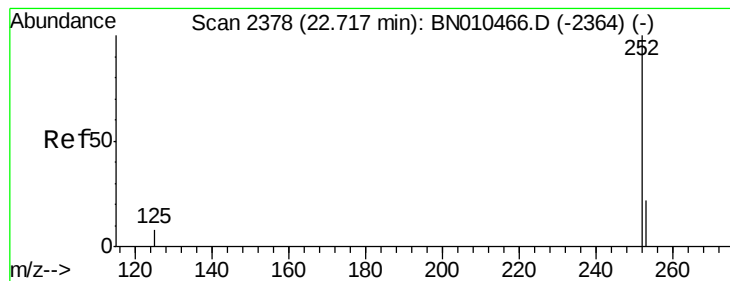


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.36 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

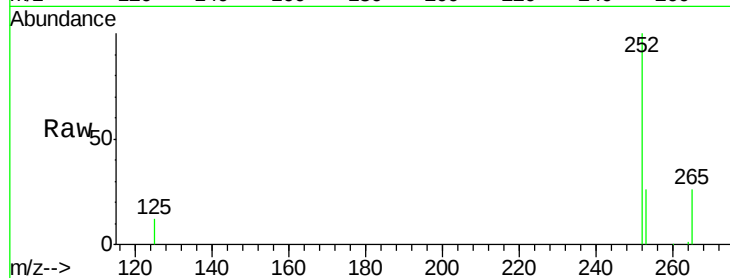
Tgt Ion:252 Resp: 20956

Ion Ratio Lower Upper

252 100

253 25.6 20.2 30.4

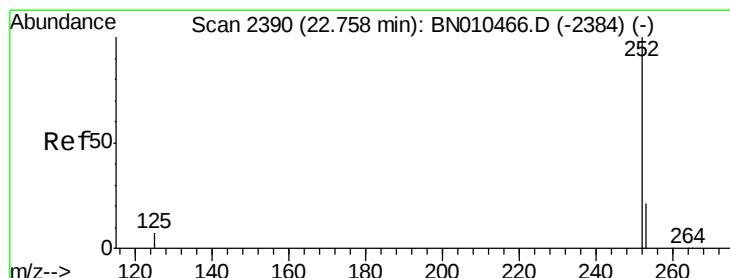
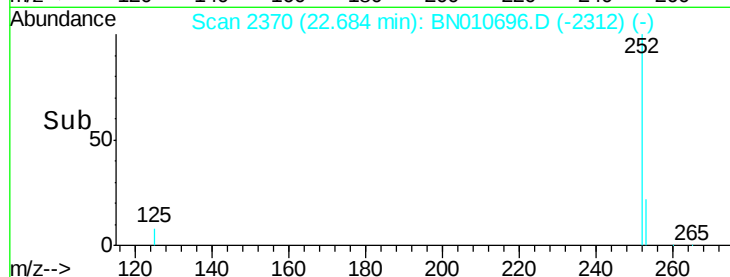
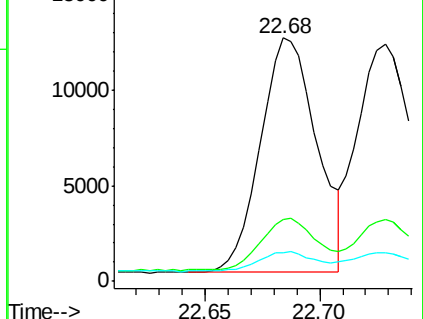
125 11.8 9.2 13.8



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: 0.38 ng

RT: 22.73 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

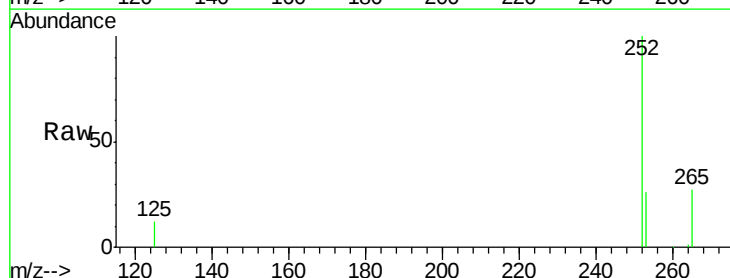
Tgt Ion:252 Resp: 22331

Ion Ratio Lower Upper

252 100

253 25.9 20.1 30.1

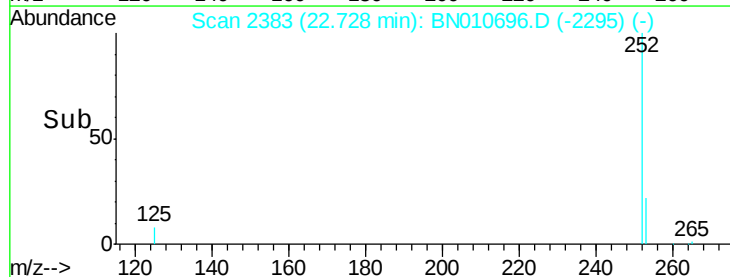
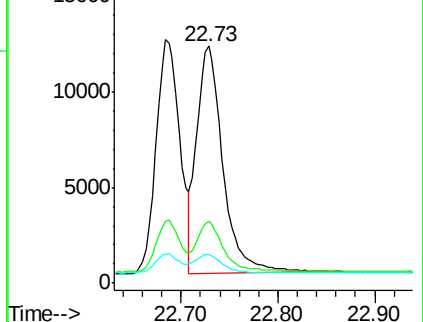
125 11.9 9.6 14.4

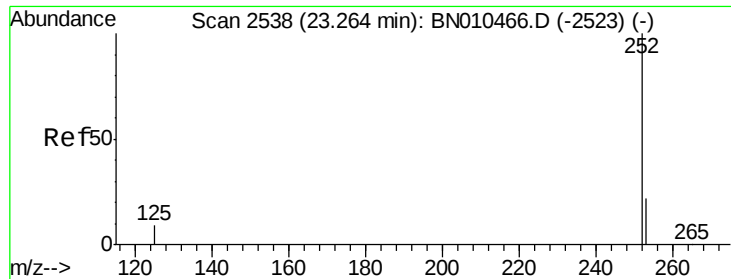


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.24 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

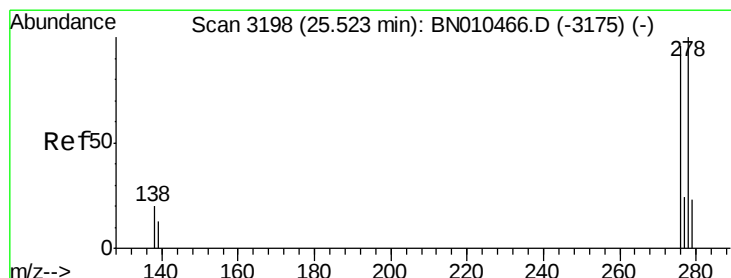
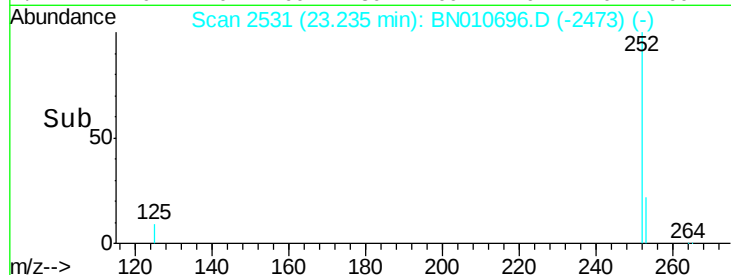
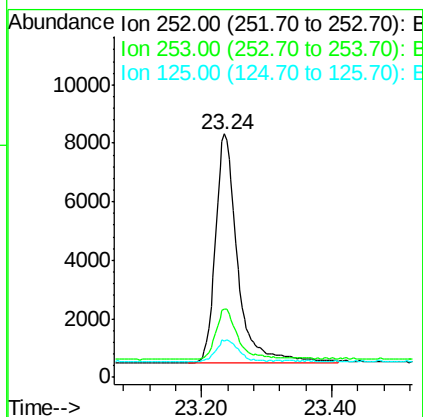
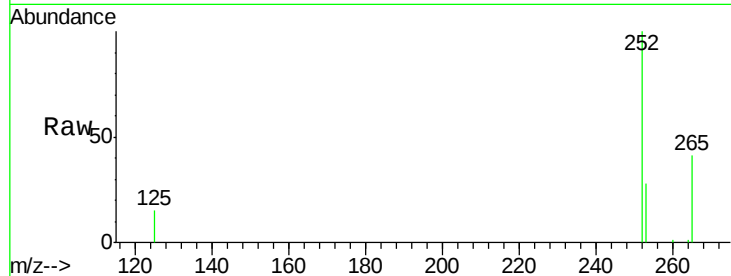
Tgt Ion:252 Resp: 18508

Ion Ratio Lower Upper

252 100

253 27.9 21.8 32.8

125 15.0 11.0 16.6



#38

Dibenzo(a,h)anthracene

Concen: 0.34 ng

RT: 25.49 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

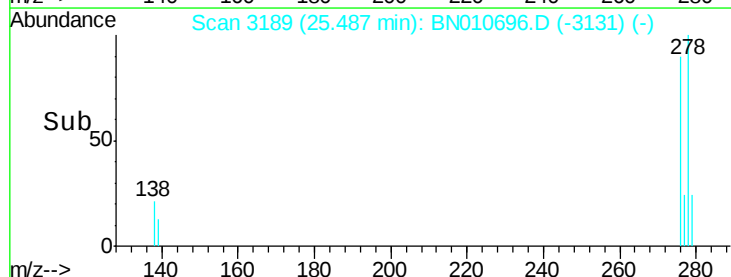
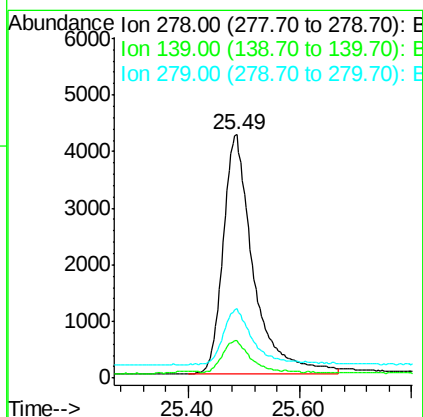
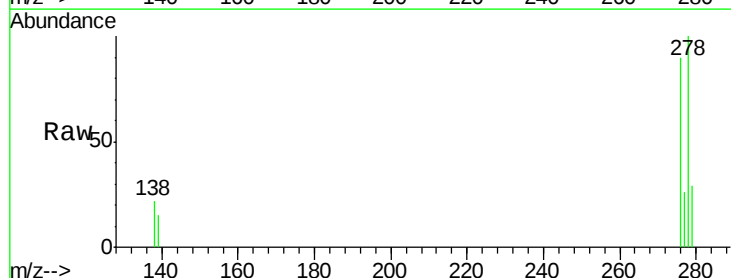
Tgt Ion:278 Resp: 15863

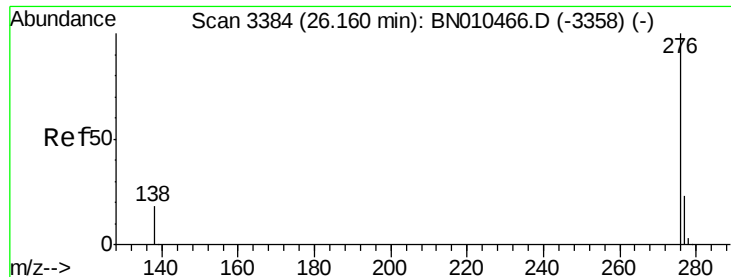
Ion Ratio Lower Upper

278 100

139 15.2 12.3 18.5

279 28.7 21.9 32.9





#39

Benzo(g,h,i)perylene

Concen: 0.39 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BN010696.D

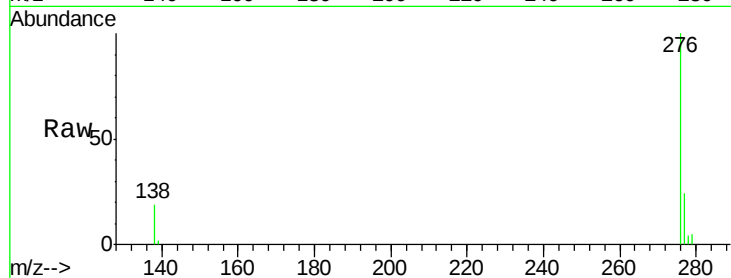
Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD



Tgt Ion: 276 Resp: 18706

Ion Ratio Lower Upper

276 100

277 24.3 20.2 30.2

138 19.4 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

