

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052120\
 Data File : BN010733.D
 Acq On : 21 May 2020 18:10
 Operator : CG/JU
 Sample : PB129048BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129048BSD

Quant Time: May 21 19:59:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 16:54:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2405	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	9652	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	6295	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	13441	0.40	ng	0.00
27) Chrysene-d12	21.16	240	9641	0.40	ng	0.00
34) Perylene-d12	23.32	264	8619	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	1548	0.33	ng	0.00
5) Phenol-d6	6.78	99	1844	0.32	ng	0.00
8) Nitrobenzene-d5	8.71	82	2136	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	7004	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	574	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	7415	0.32	ng	0.00
25) Fluoranthene-d10	19.00	212	10213	0.28	ng	0.01
29) Terphenyl-d14	19.61	244	7463	0.33	ng	0.00

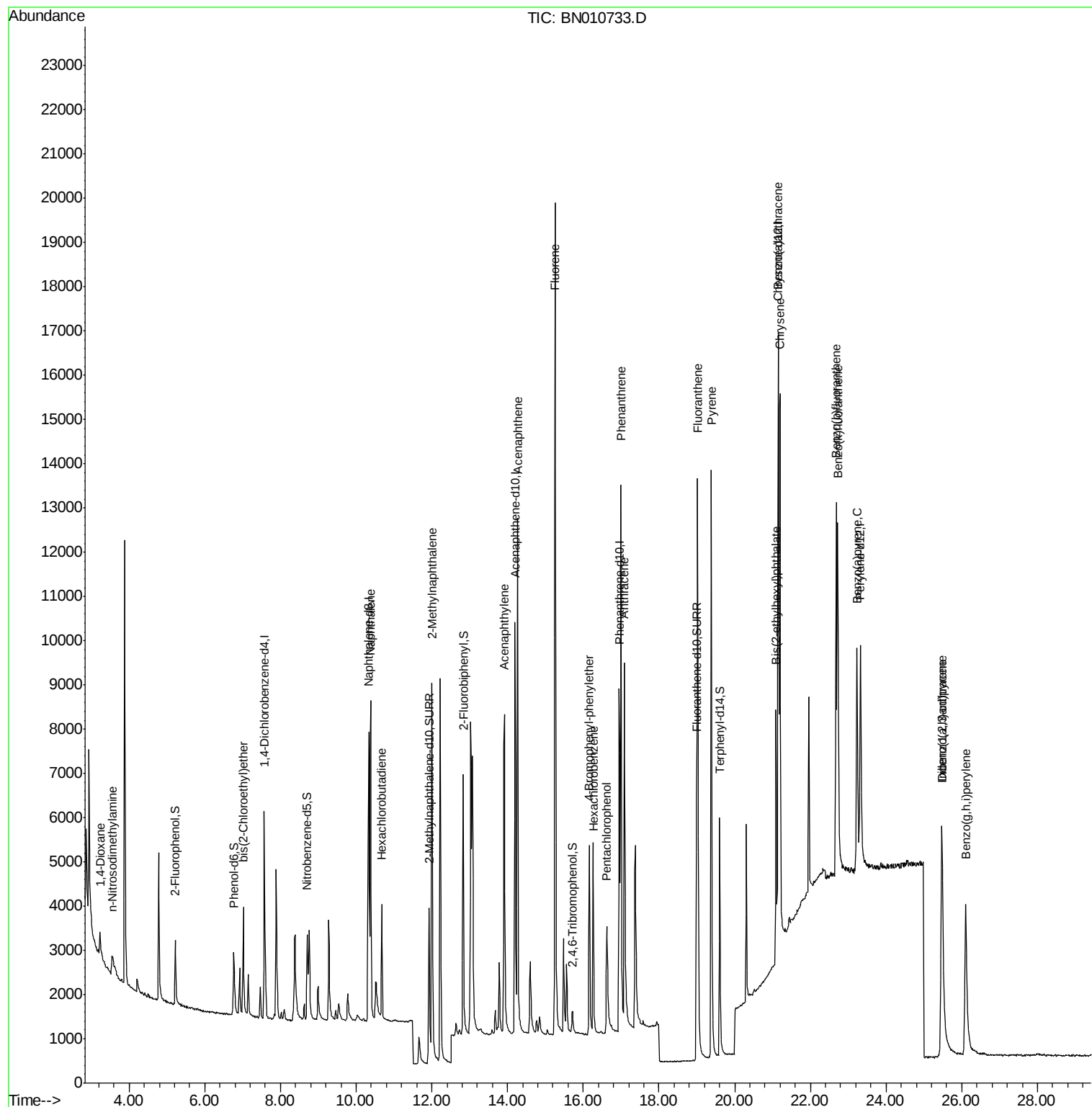
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	616	0.30	ng	# 85
3) n-Nitrosodimethylamine	3.55	42	535	0.45	ng	# 93
6) bis(2-Chloroethyl)ether	7.02	93	2492	0.42	ng	96
9) Naphthalene	10.38	128	10537	0.43	ng	100
10) Hexachlorobutadiene	10.67	225	2143	0.39	ng	# 98
12) 2-Methylnaphthalene	12.00	142	7779	0.45	ng	99
16) Acenaphthylene	13.92	152	10697	0.42	ng	100
17) Acenaphthene	14.26	154	7445	0.43	ng	100
18) Fluorene	15.26	166	9715	0.43	ng	100
20) 4-Bromophenyl-phenylether	16.15	248	2887	0.39	ng	92
21) Hexachlorobenzene	16.27	284	3763	0.43	ng	99
22) Pentachlorophenol	16.62	266	2306	0.84	ng	99
23) Phenanthrene	16.99	178	15003	0.42	ng	99
24) Anthracene	17.09	178	11985	0.40	ng	100
26) Fluoranthene	19.03	202	15915	0.39	ng	99
28) Pyrene	19.38	202	15826	0.46	ng	99
30) Benzo(a)anthracene	21.14	228	10958	0.39	ng	99
31) Chrysene	21.20	228	14366	0.45	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	4630	0.38	ng	98
33) Indeno(1,2,3-cd)pyrene	25.47	276	9881	0.35	ng	99
35) Benzo(b)fluoranthene	22.68	252	11637	0.41	ng	98
36) Benzo(k)fluoranthene	22.72	252	13246	0.43	ng	98
37) Benzo(a)pyrene	23.23	252	10075	0.41	ng	97
38) Dibenzo(a,h)anthracene	25.49	278	7460	0.35	ng	95
39) Benzo(g,h,i)perylene	26.11	276	9873	0.40	ng	97

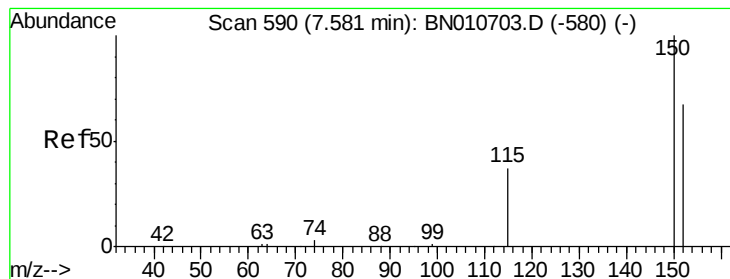
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.57 min Scan# 589

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

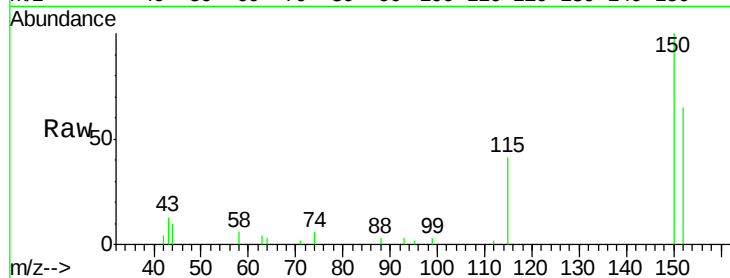
Tgt Ion:152 Resp: 2405

Ion Ratio Lower Upper

152 100

150 154.5 119.4 179.0

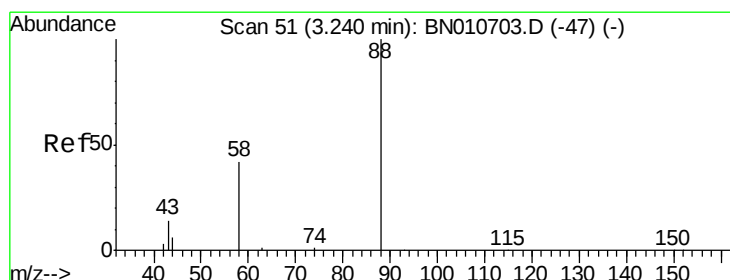
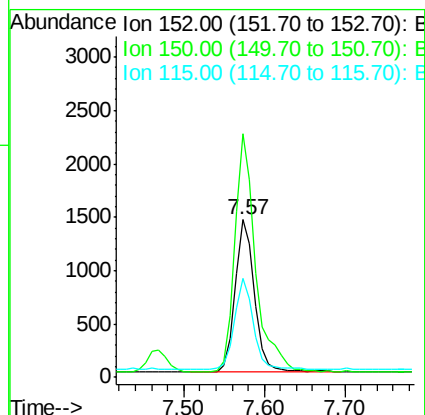
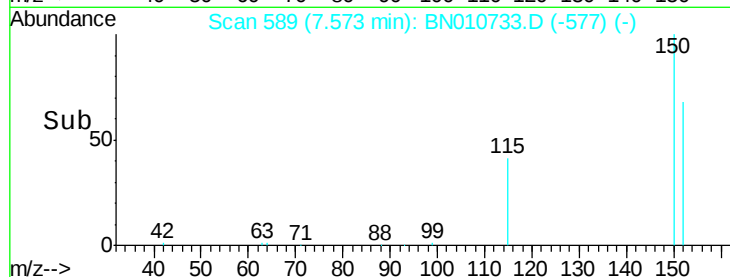
115 62.9 45.9 68.9



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: 0.30 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

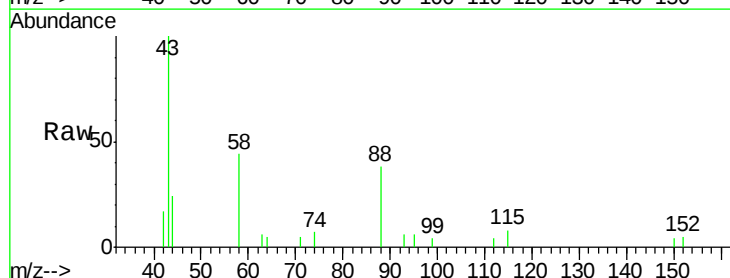
Tgt Ion: 88 Resp: 616

Ion Ratio Lower Upper

88 100

58 53.4 39.0 58.6

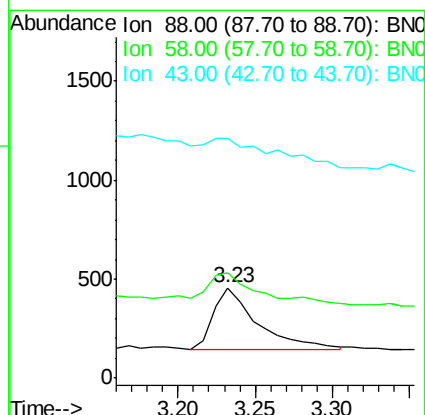
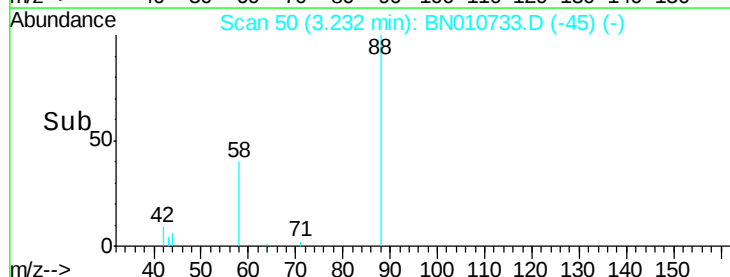
43 0.0 13.1 19.7#

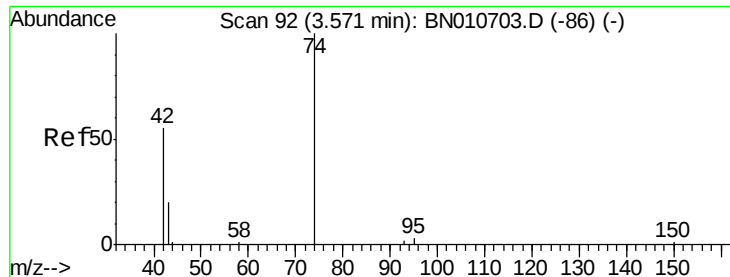


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.45 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010733.D

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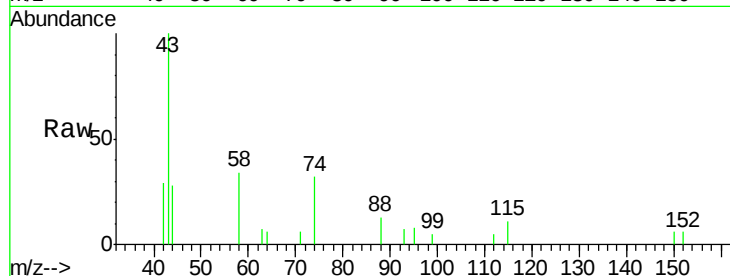
Tgt Ion: 42 Resp: 535

Ion Ratio Lower Upper

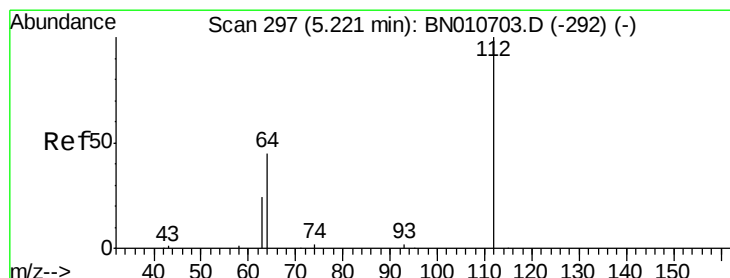
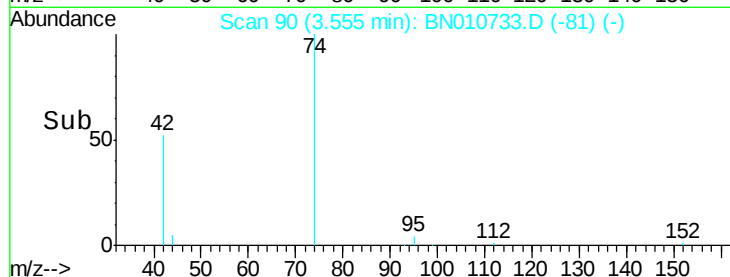
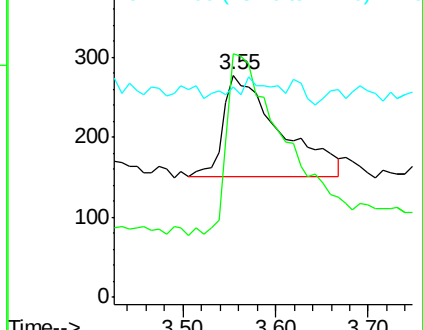
42 100

74 192.0 146.2 219.2

44 7.3 3.0 4.4#



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: 0.33 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

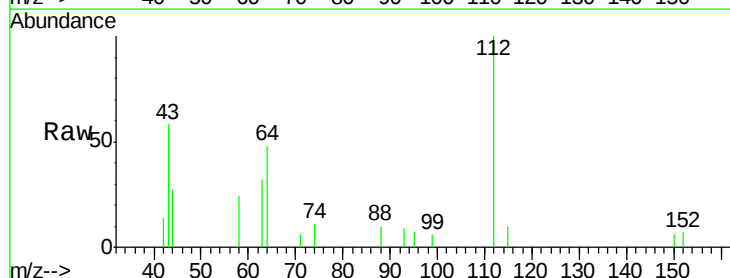
Tgt Ion: 112 Resp: 1548

Ion Ratio Lower Upper

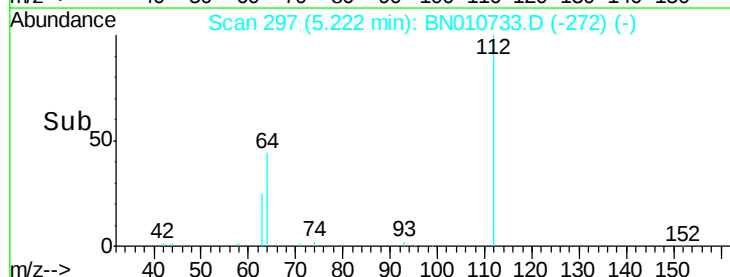
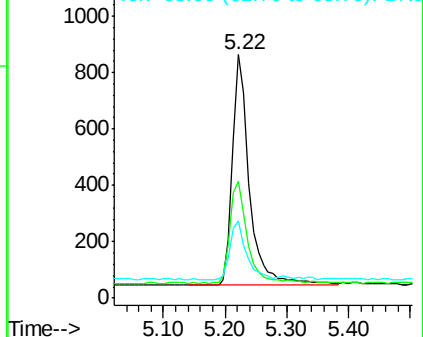
112 100

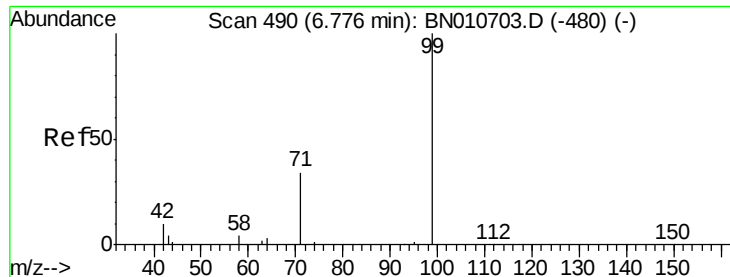
64 44.6 36.2 54.4

63 24.3 19.8 29.8



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: 0.32 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

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PB129048BSD

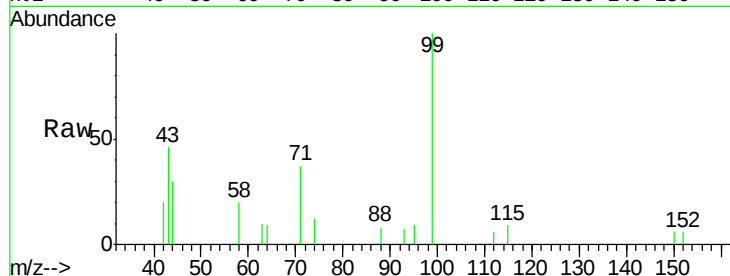
Tgt Ion: 99 Resp: 1844

Ion Ratio Lower Upper

99 100

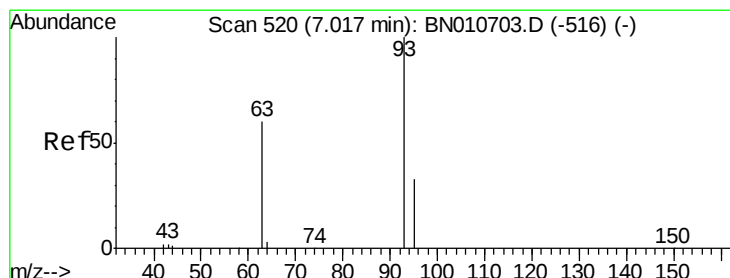
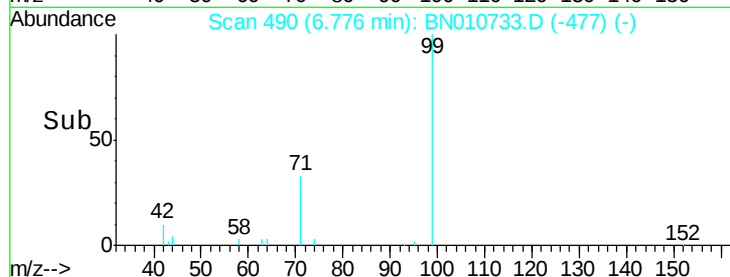
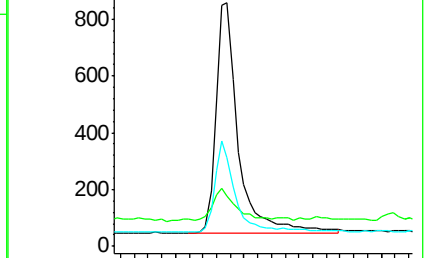
42 13.5 9.8 14.8

71 36.6 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010703.D (-480) (-)

6.78



#6

bis(2-Chloroethyl)ether

Concen: 0.42 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

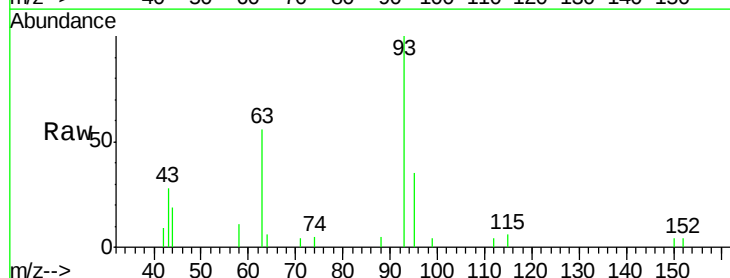
Tgt Ion: 93 Resp: 2492

Ion Ratio Lower Upper

93 100

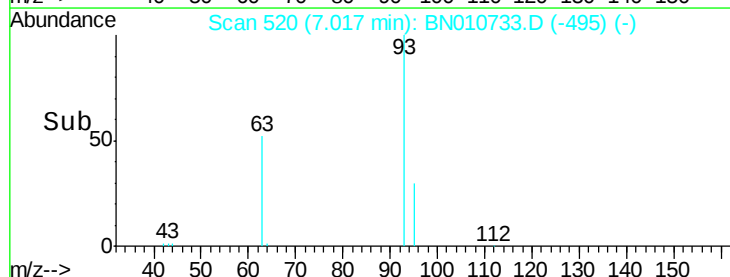
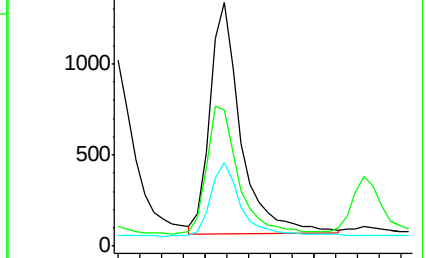
63 57.2 43.1 64.7

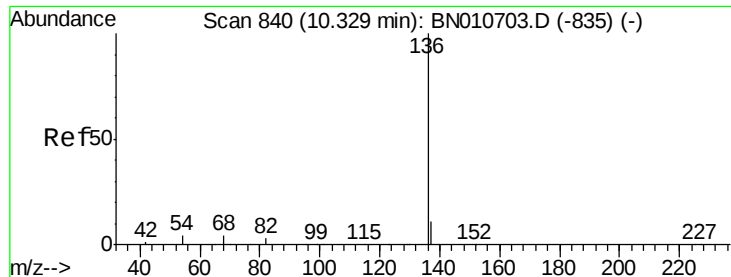
95 32.8 24.6 37.0



Abundance Ion 93.00 (92.70 to 93.70): BN010703.D (-516) (-)

7.02





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

Tgt Ion:136 Resp: 9652

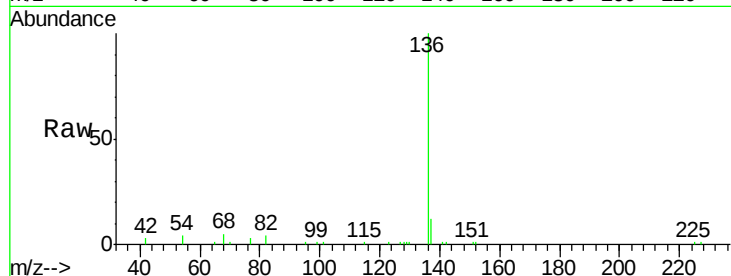
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 4.1 3.6 5.4

68 5.0 4.1 6.1

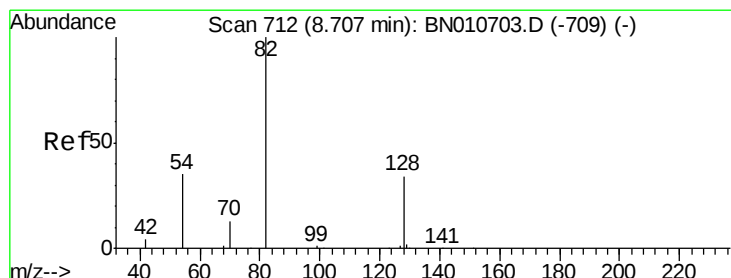
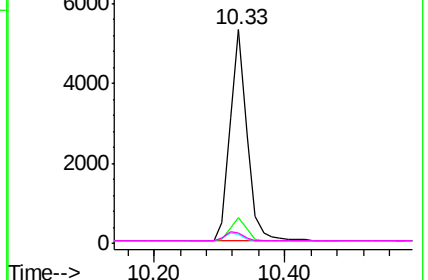
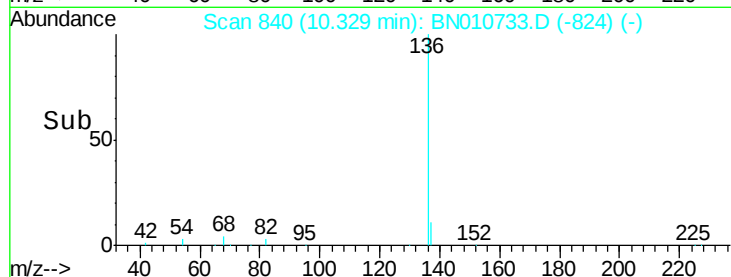


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.32 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

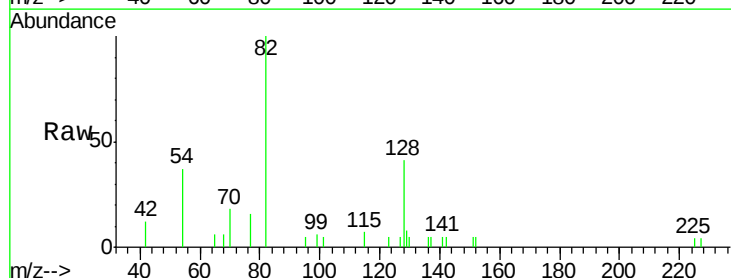
Tgt Ion: 82 Resp: 2136

Ion Ratio Lower Upper

82 100

128 40.5 29.0 43.4

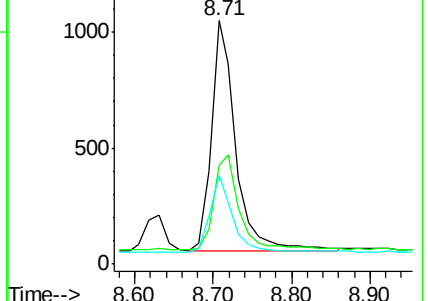
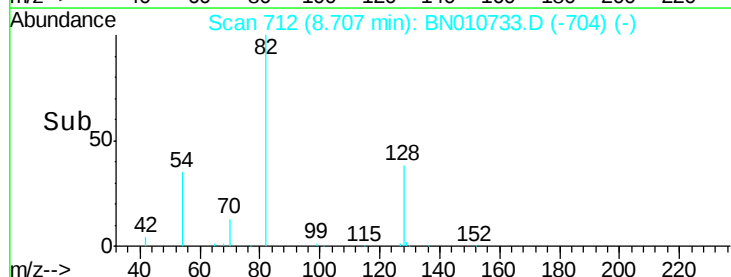
54 36.6 29.3 43.9

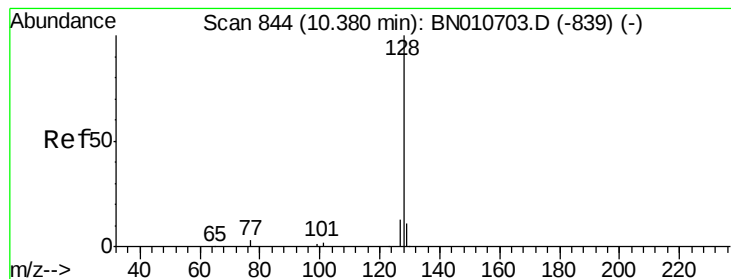


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.43 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

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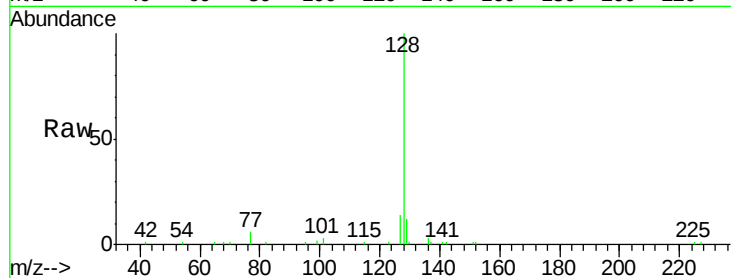
Tgt Ion:128 Resp: 10537

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

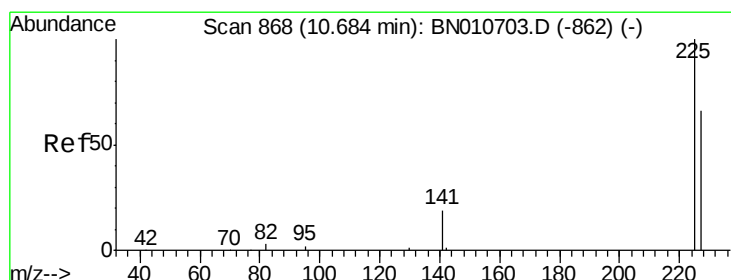
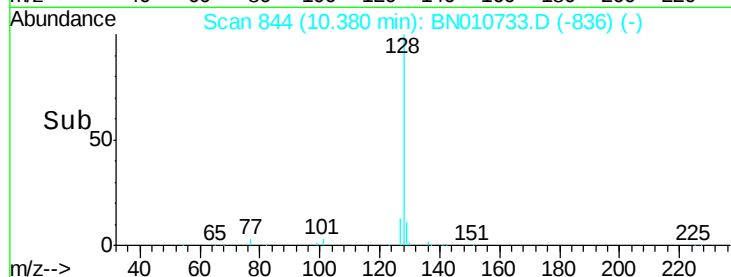
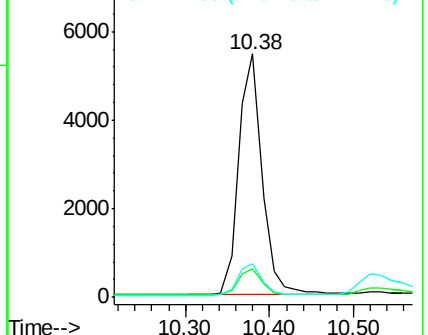
127 13.9 11.0 16.6



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: 0.39 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

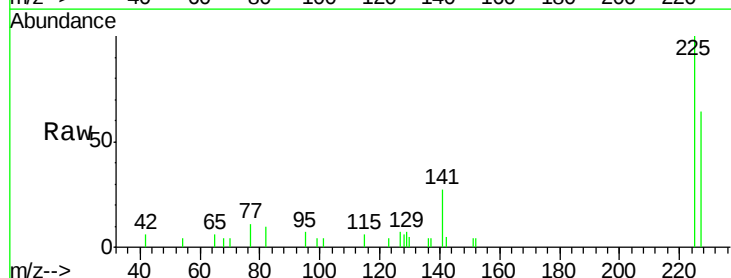
Tgt Ion:225 Resp: 2143

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

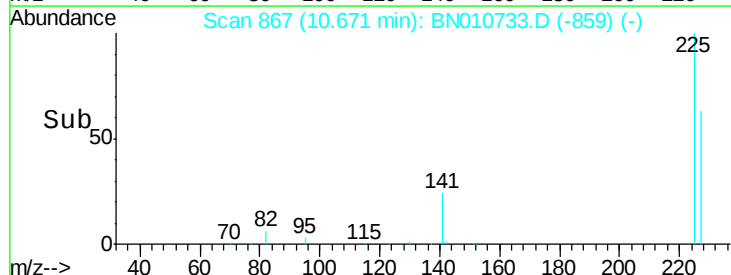
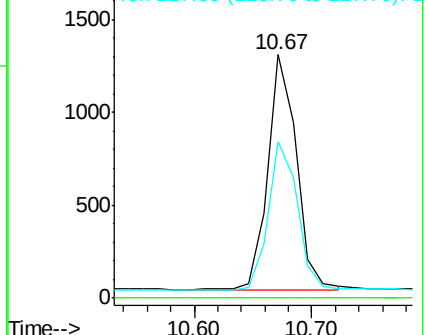
227 64.7 50.7 76.1

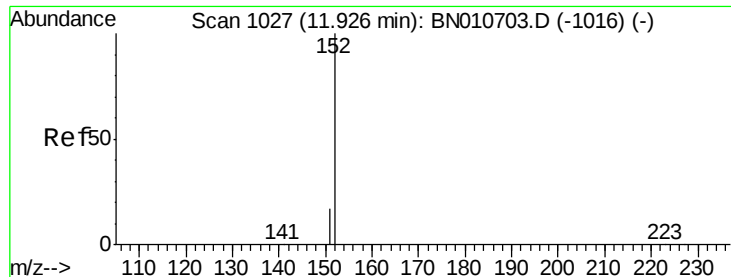


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

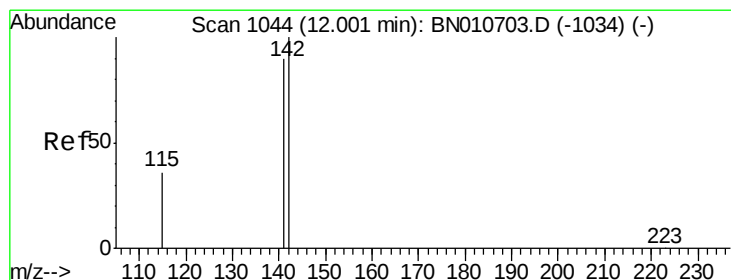
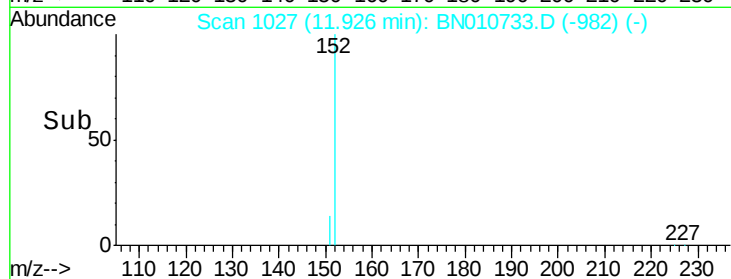
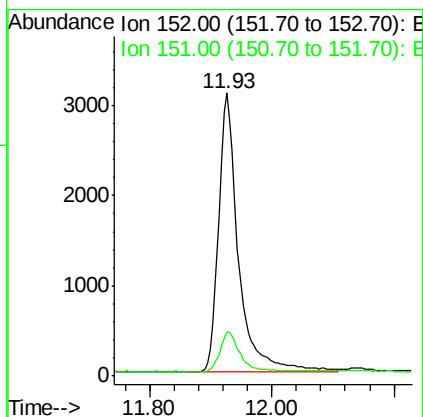
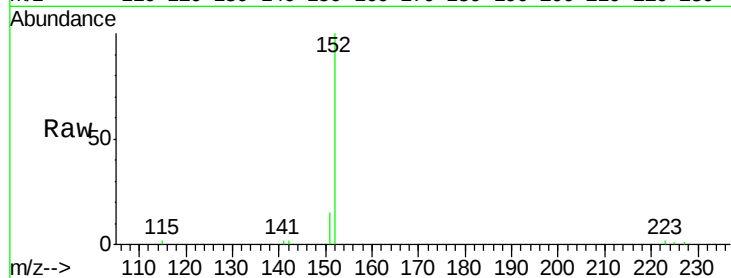




#11
 2-Methylnaphthalene-d10
 Concen: 0.44 ng
 RT: 11.93 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BN010733.D
 Acq: 21 May 2020 18:10

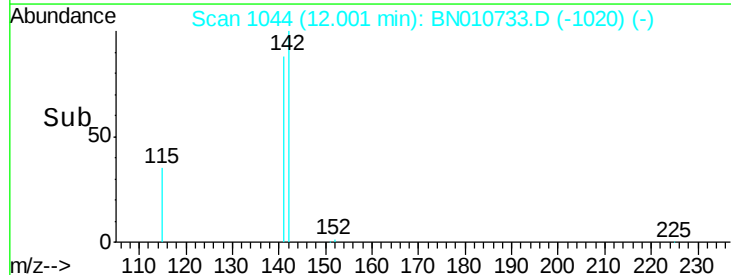
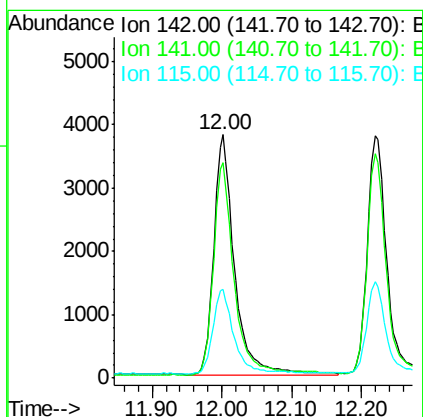
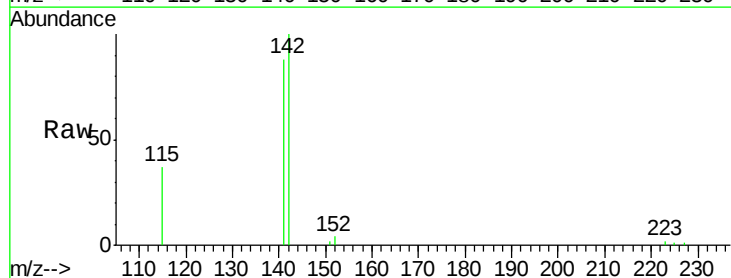
Instrument :
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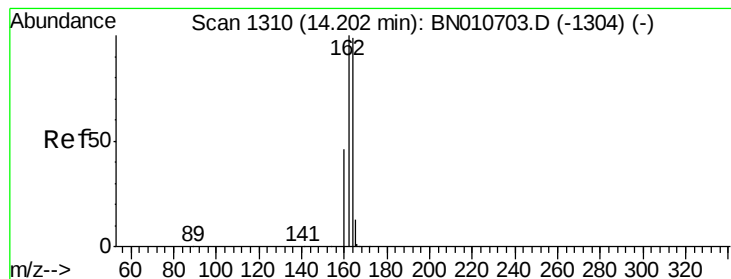
Tgt Ion:152 Resp: 7004
 Ion Ratio Lower Upper
 152 100
 151 14.2 15.0 22.6#



#12
 2-Methylnaphthalene
 Concen: 0.45 ng
 RT: 12.00 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BN010733.D
 Acq: 21 May 2020 18:10

Tgt Ion:142 Resp: 7779
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.7 107.5
 115 36.7 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

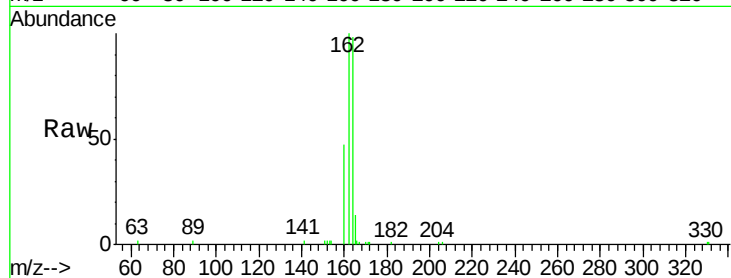
Tgt Ion:164 Resp: 6295

Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

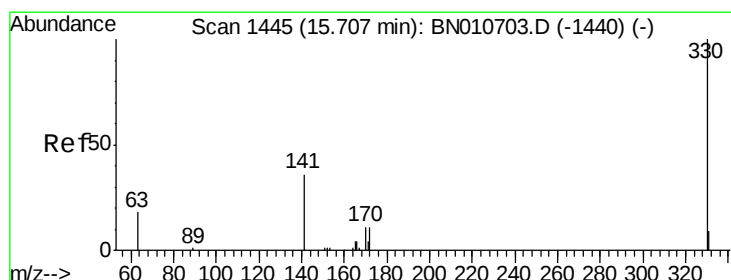
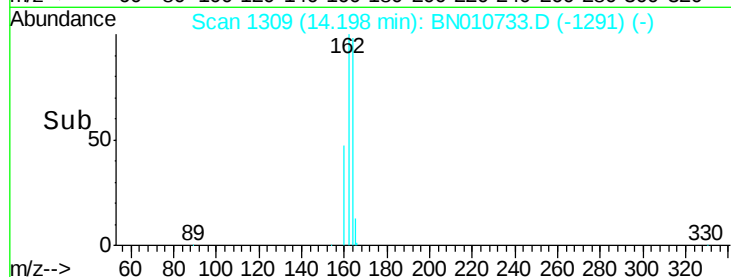
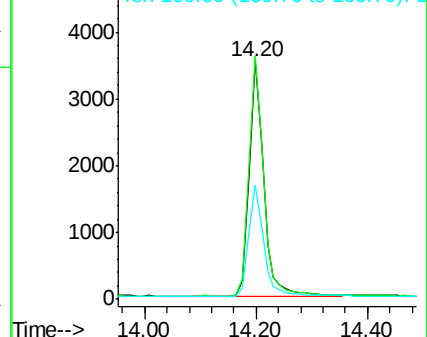
160 48.3 37.9 56.9



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: 0.25 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

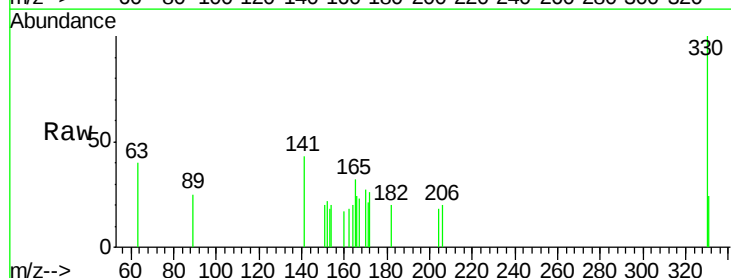
Tgt Ion:330 Resp: 574

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

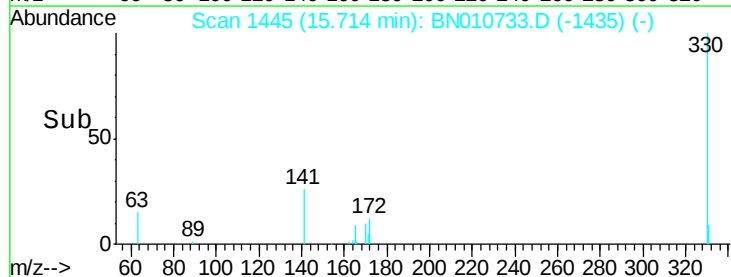
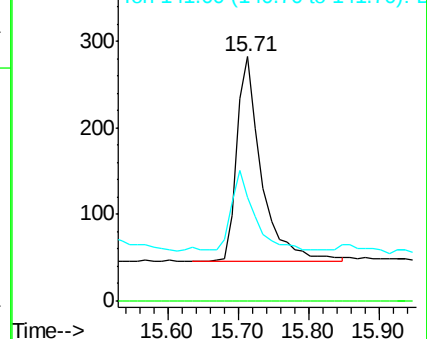
141 36.1 28.8 43.2

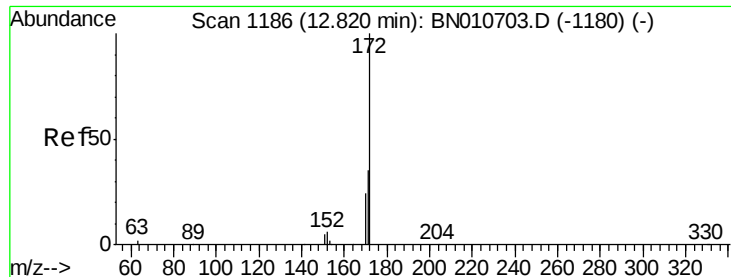


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

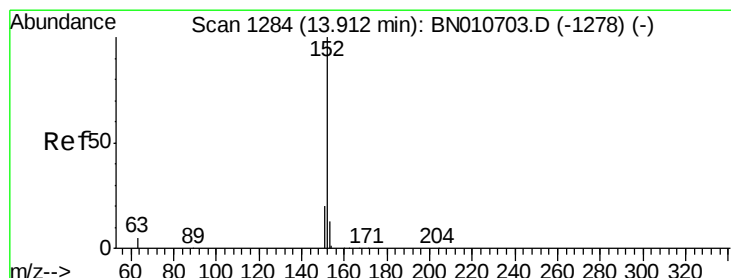
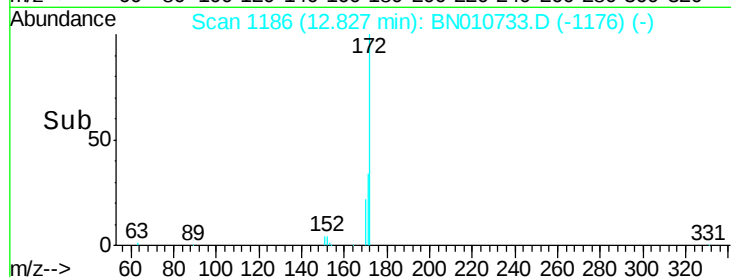
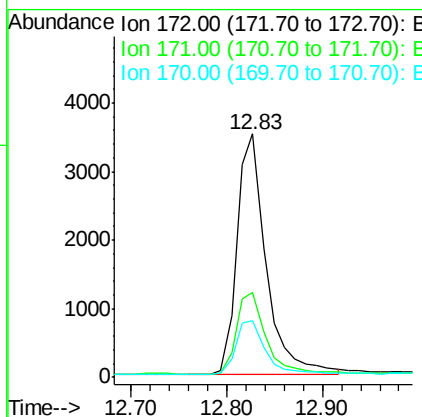
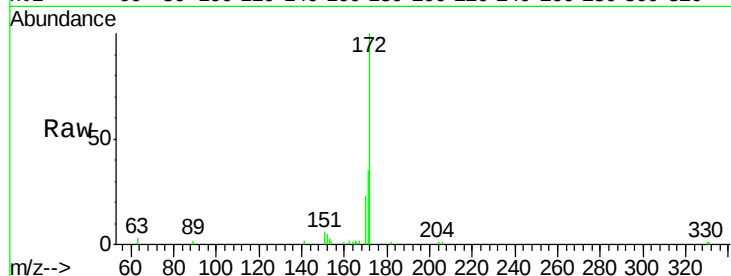




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

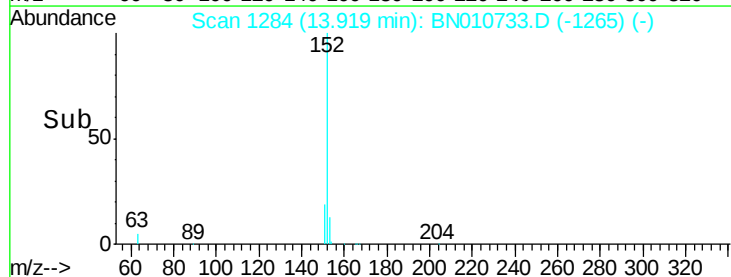
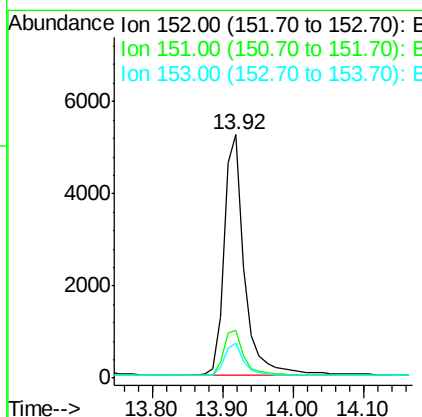
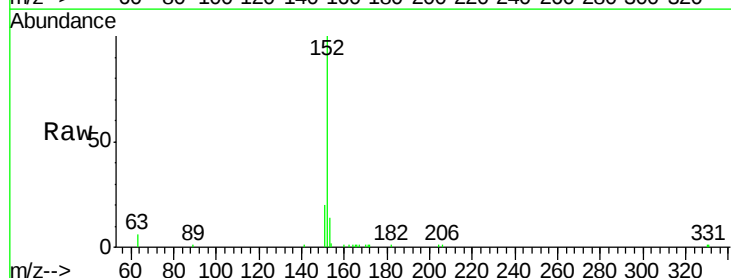
Instrument :
BNA_N
ClientSampleId :
PB129048BSD

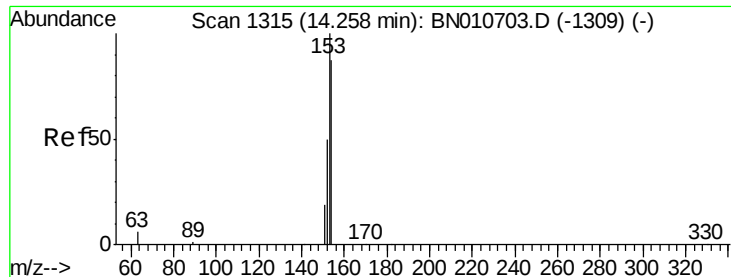
Tgt Ion:172 Resp: 7415
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.4 19.8 29.8



#16
Acenaphthylene
Concen: 0.42 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:152 Resp: 10697
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.43 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

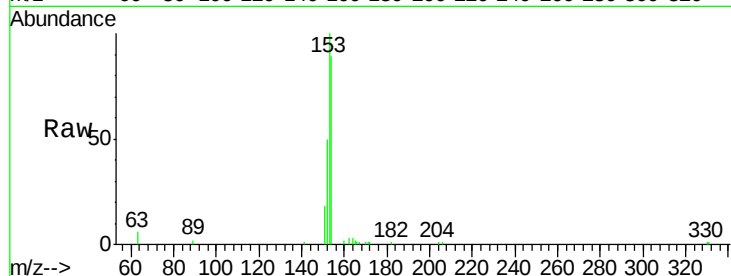
Tgt Ion:154 Resp: 7445

Ion Ratio Lower Upper

154 100

153 114.6 91.5 137.3

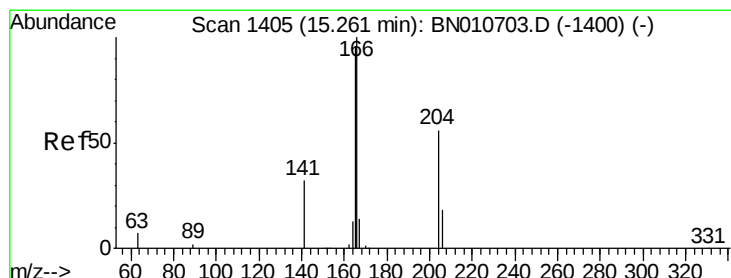
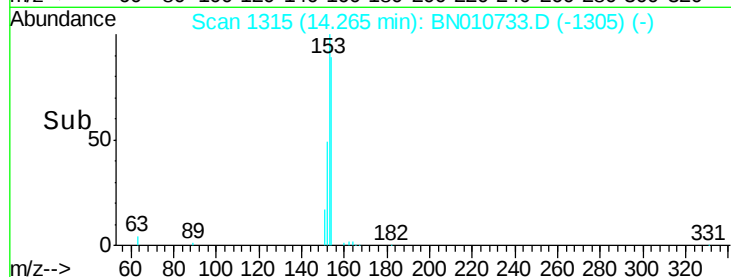
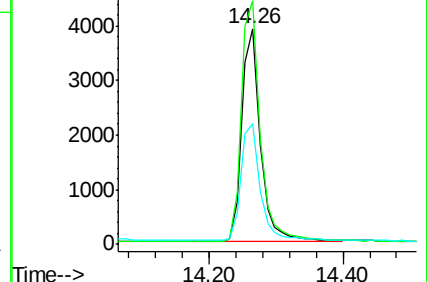
152 56.8 45.6 68.4



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: 0.43 ng

RT: 15.26 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

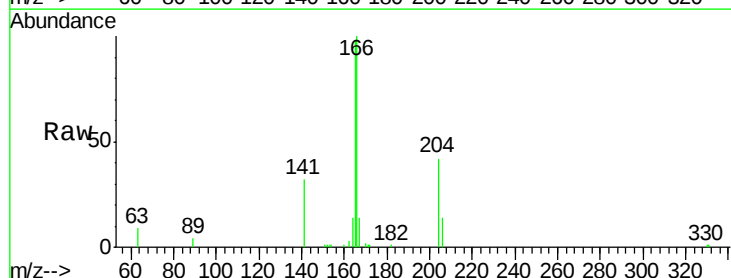
Tgt Ion:166 Resp: 9715

Ion Ratio Lower Upper

166 100

165 97.8 77.9 116.9

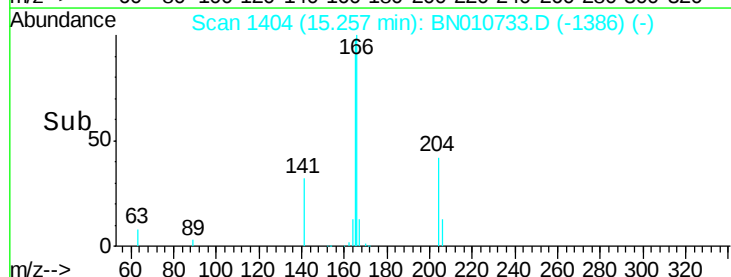
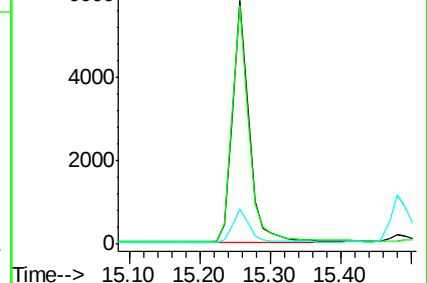
167 13.8 11.0 16.4

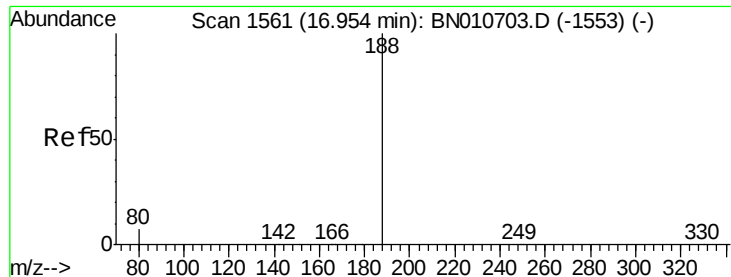


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1560

Delta R.T. -0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

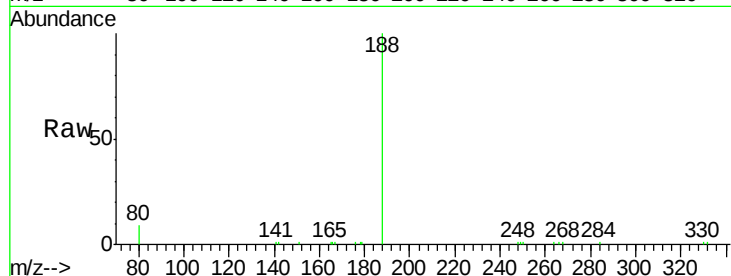
Tgt Ion:188 Resp: 13441

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

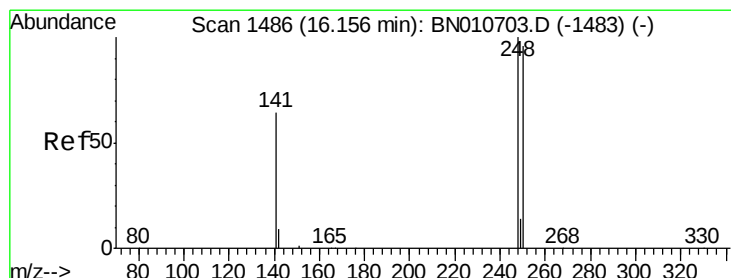
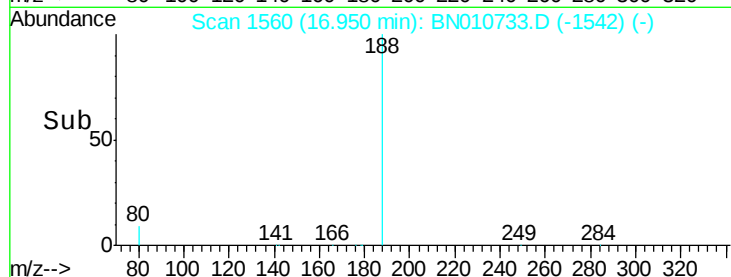
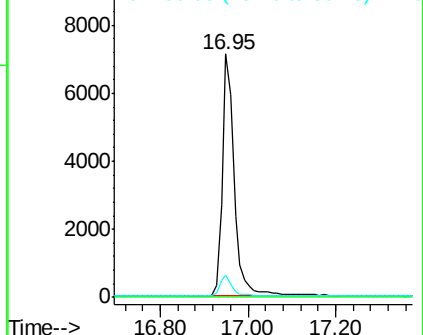
80 9.4 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.39 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

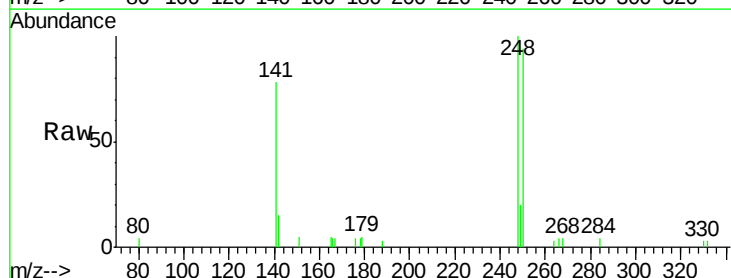
Tgt Ion:248 Resp: 2887

Ion Ratio Lower Upper

248 100

250 93.9 77.4 116.0

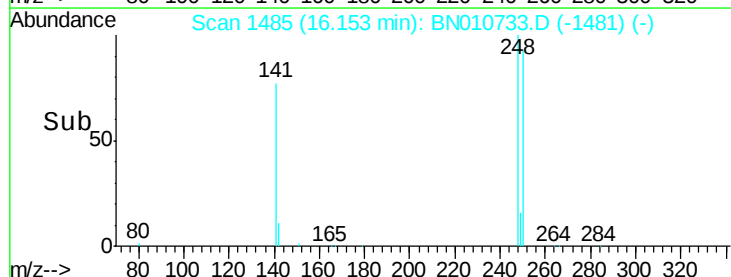
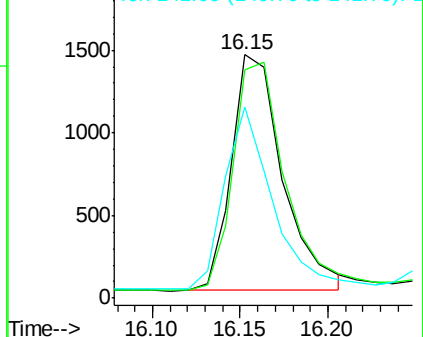
141 78.3 53.1 79.7

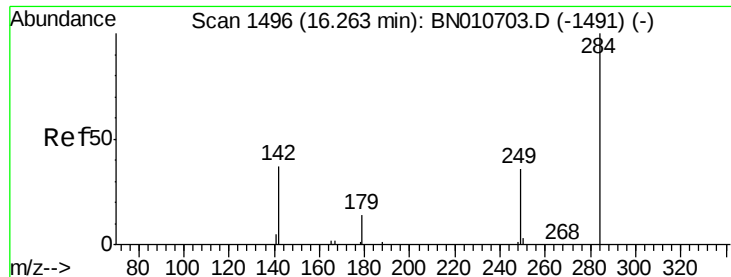


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

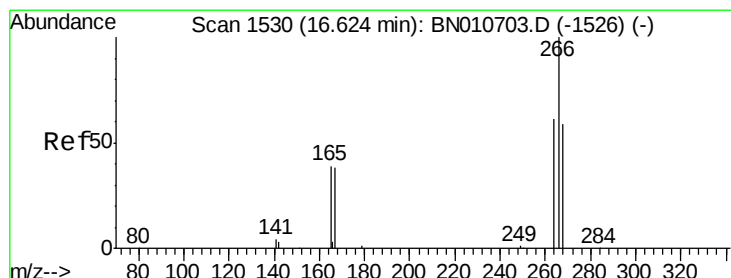
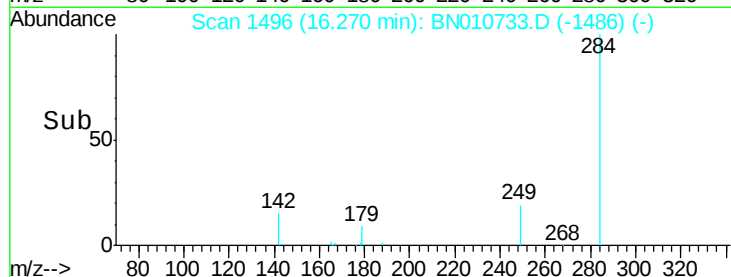
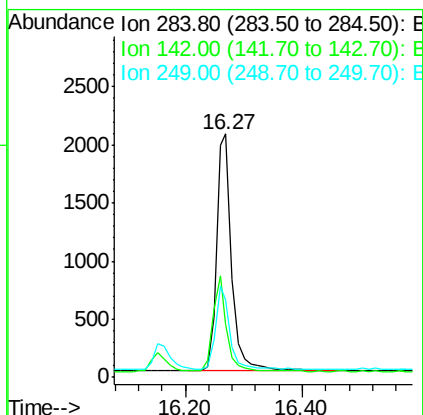
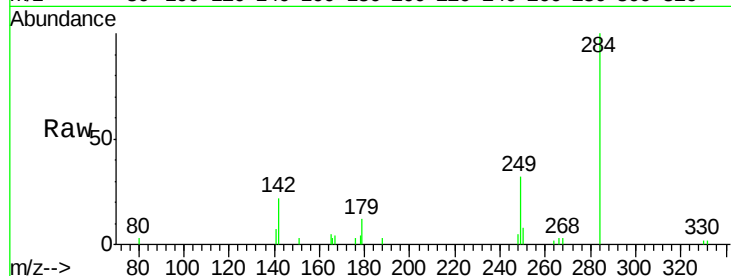




#21
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.27 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

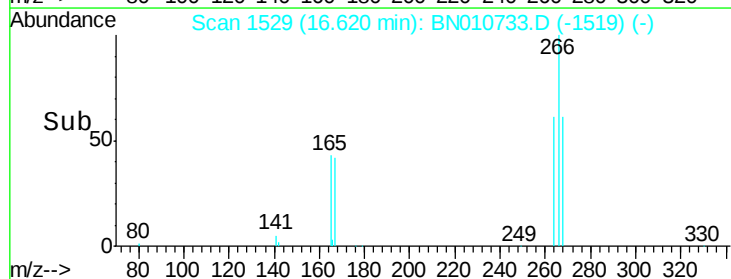
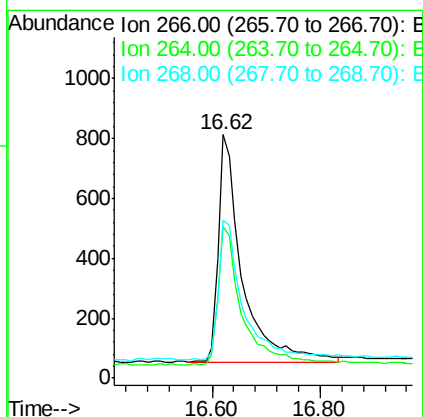
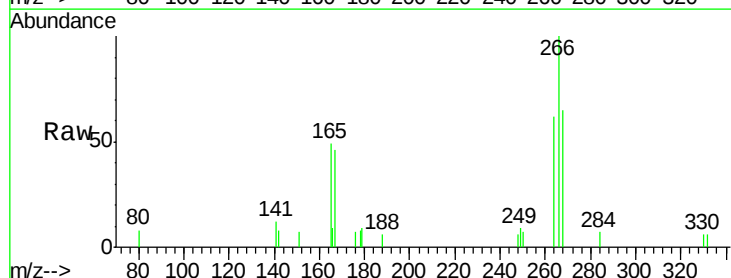
Instrument :
BNA_N
ClientSampleId :
PB129048BSD

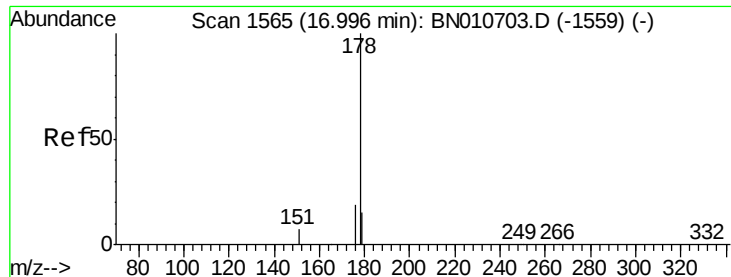
Tgt Ion:284 Resp: 3763
Ion Ratio Lower Upper
284 100
142 35.2 28.2 42.2
249 31.8 26.4 39.6



#22
Pentachlorophenol
Concen: 0.84 ng
RT: 16.62 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:266 Resp: 2306
Ion Ratio Lower Upper
266 100
264 62.5 51.1 76.7
268 65.1 52.1 78.1





#23

Phenanthrene

Concen: 0.42 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

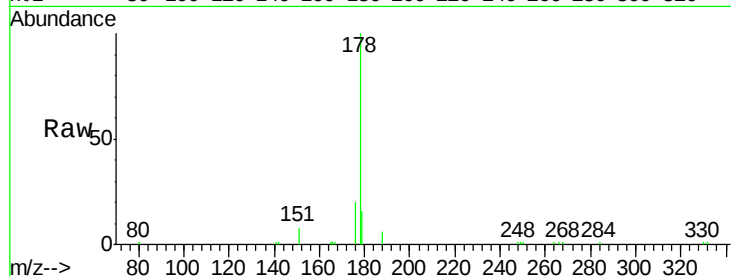
Tgt Ion:178 Resp: 15003

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

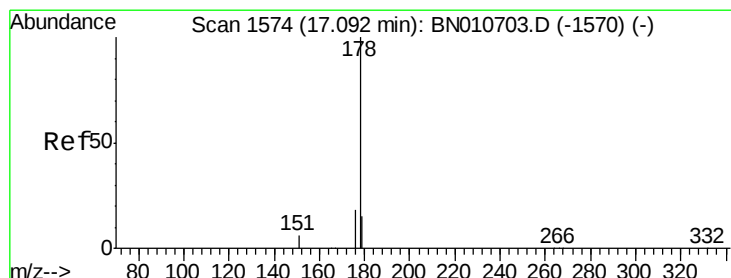
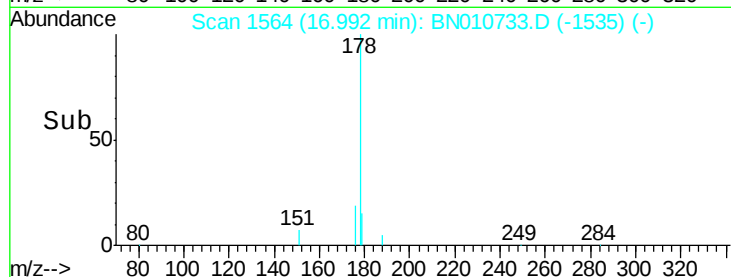
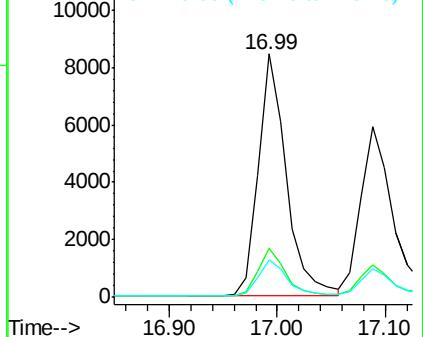
179 15.2 12.2 18.4



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: 0.40 ng

RT: 17.09 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

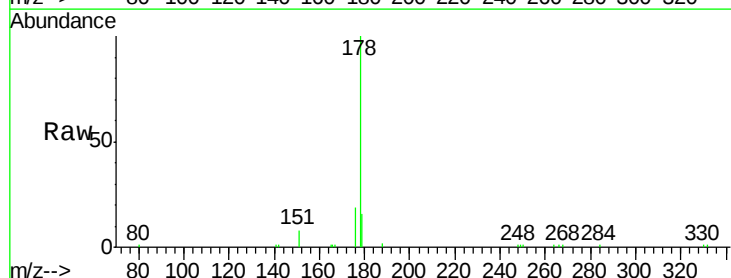
Tgt Ion:178 Resp: 11985

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

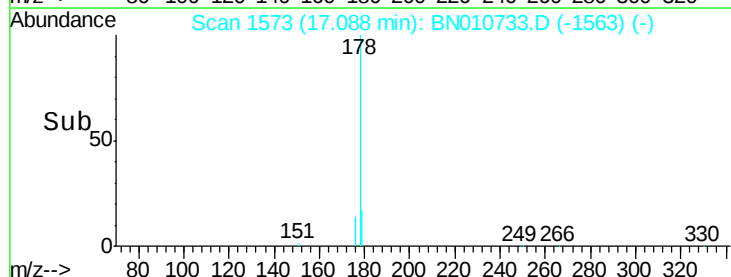
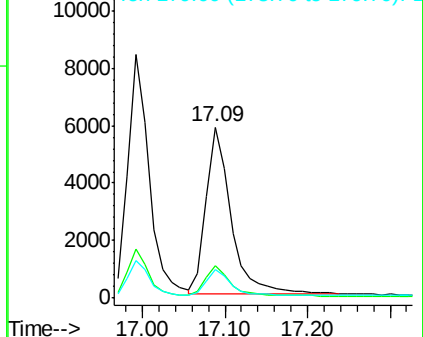
179 15.4 12.3 18.5

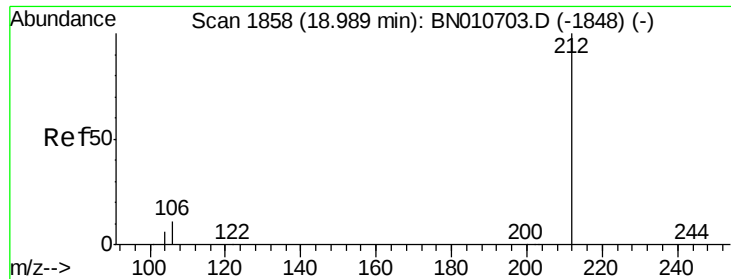


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

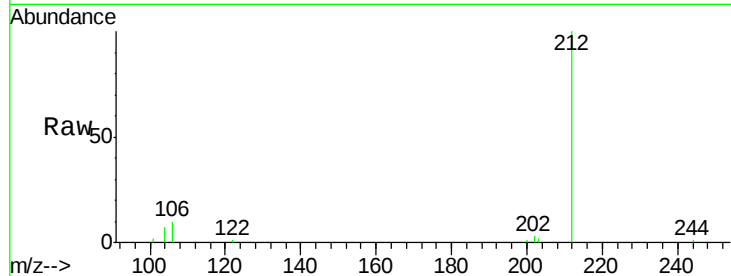




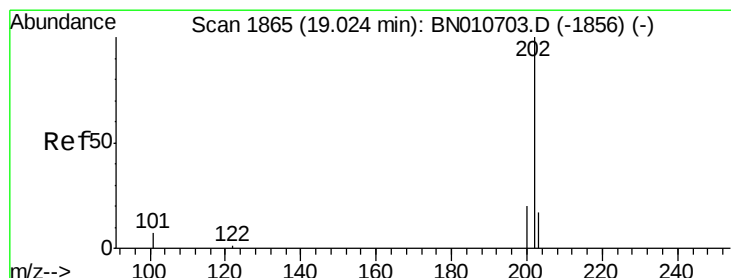
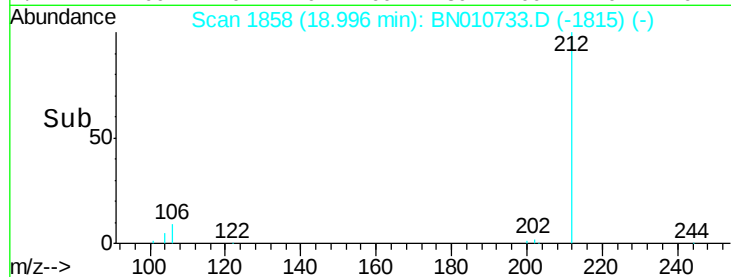
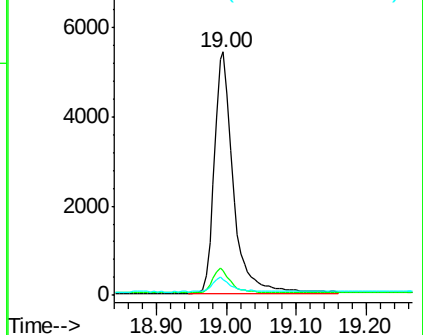
#25
 Fluoranthene-d10
 Concen: 0.28 ng
 RT: 19.00 min Scan# 1858
 Delta R.T. 0.01 min
 Lab File: BN010733.D
 Acq: 21 May 2020 18:10

Instrument :
 BNA_N
 ClientSampleId :
 PB129048BSD

Tgt Ion: 212 Resp: 10213
 Ion Ratio Lower Upper
 212 100
 106 9.9 8.2 12.2
 104 6.0 4.7 7.1

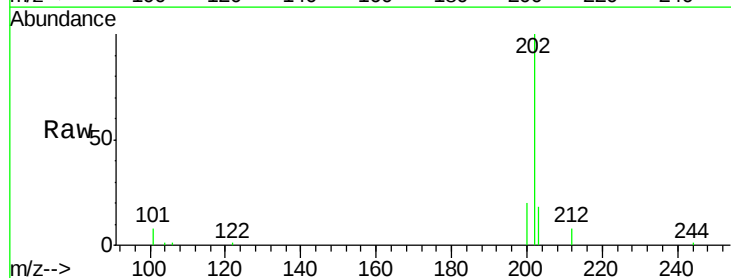


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

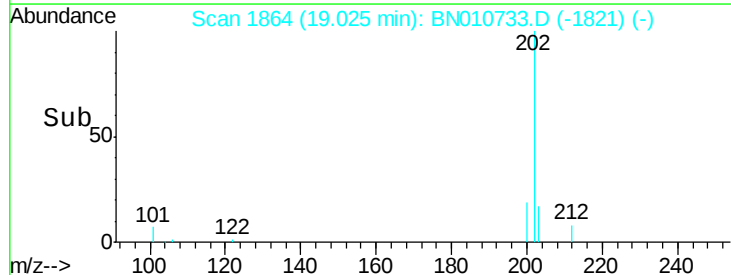
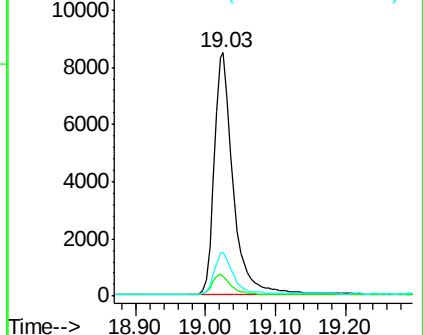


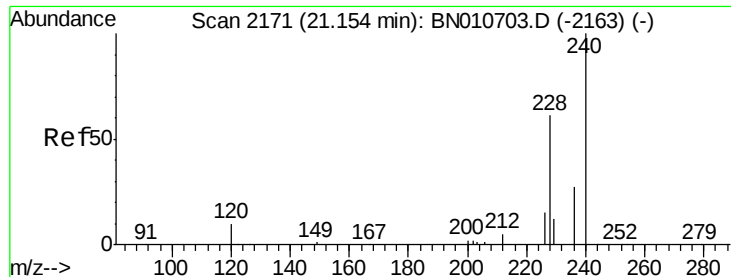
#26
 Fluoranthene
 Concen: 0.39 ng
 RT: 19.03 min Scan# 1864
 Delta R.T. 0.01 min
 Lab File: BN010733.D
 Acq: 21 May 2020 18:10

Tgt Ion: 202 Resp: 15915
 Ion Ratio Lower Upper
 202 100
 101 8.4 6.7 10.1
 203 17.2 13.4 20.0



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# 2170

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

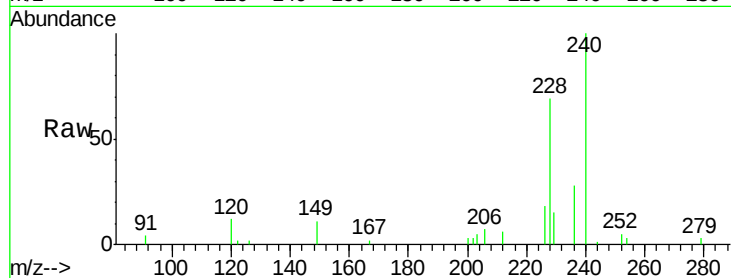
Tgt Ion:240 Resp: 9641

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

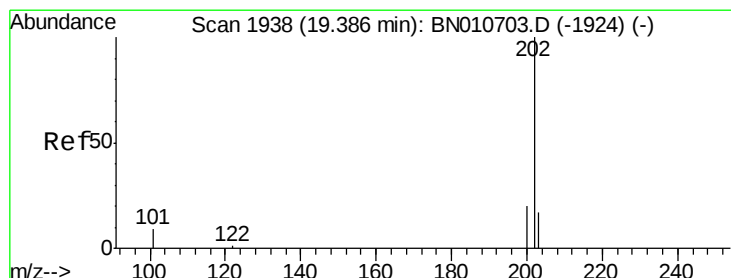
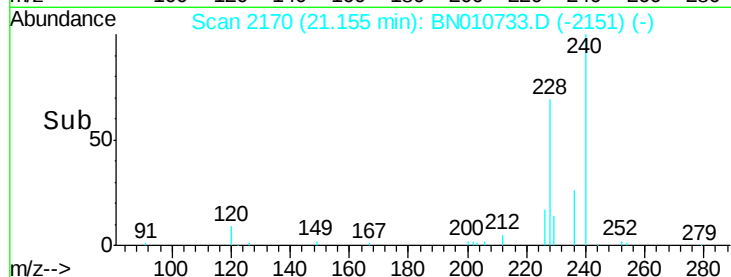
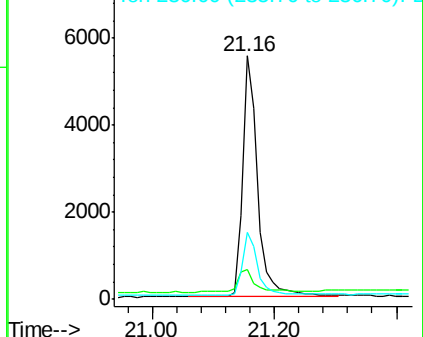
236 27.7 22.5 33.7



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: 0.46 ng

RT: 19.38 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

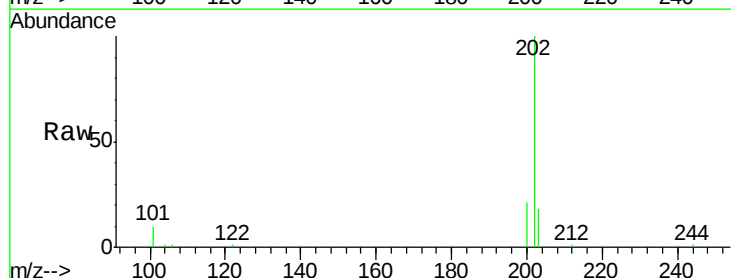
Tgt Ion:202 Resp: 15826

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

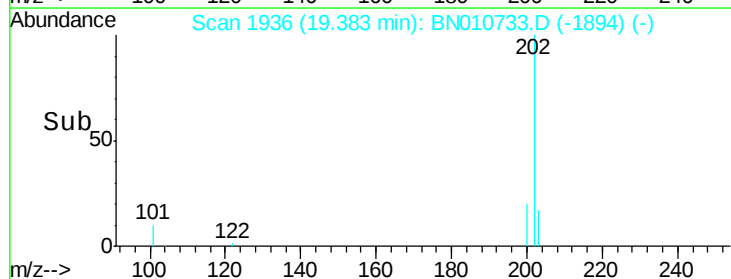
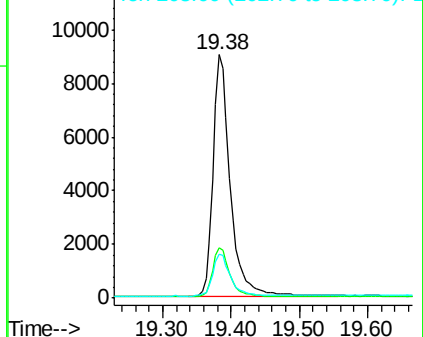
203 18.0 14.1 21.1

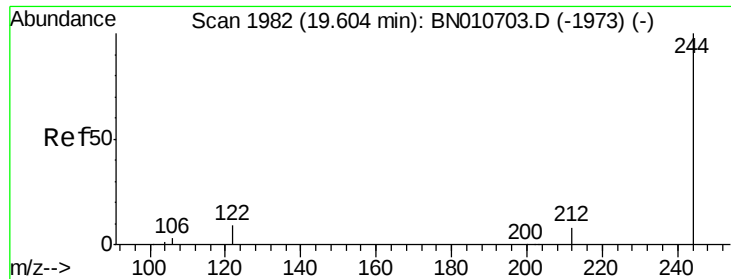


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.33 ng

RT: 19.61 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

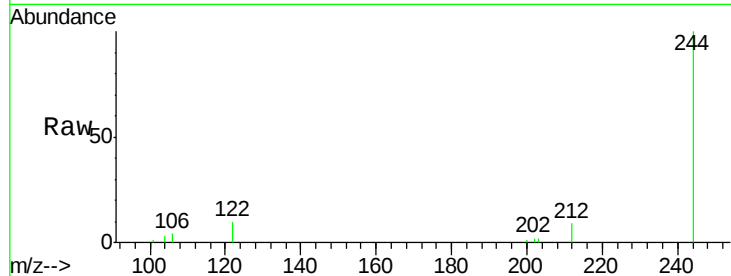
Tgt Ion:244 Resp: 7463

Ion Ratio Lower Upper

244 100

212 9.1 6.8 10.2

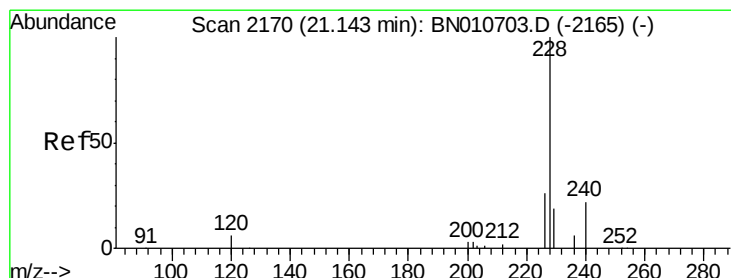
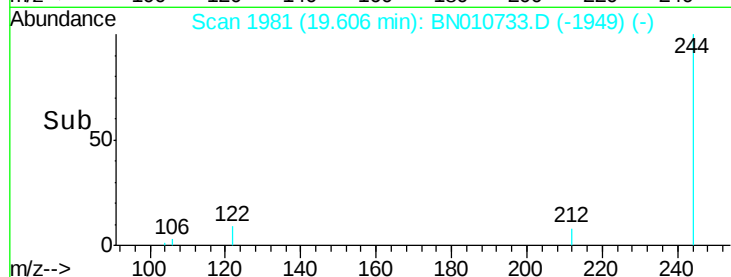
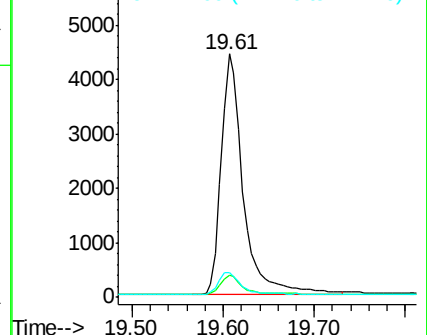
122 10.4 8.1 12.1



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: 0.39 ng

RT: 21.14 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

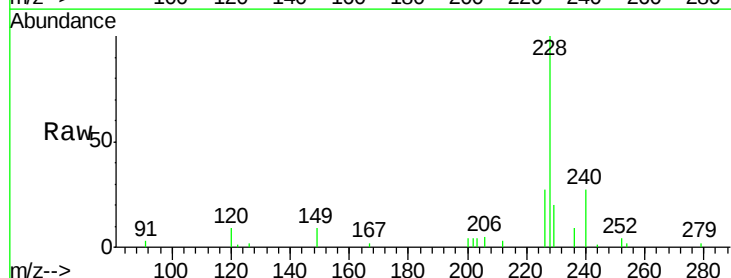
Tgt Ion:228 Resp: 10958

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

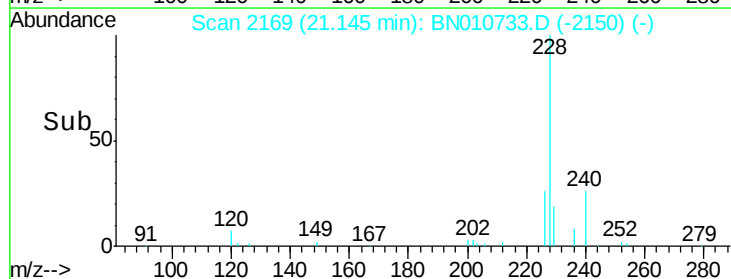
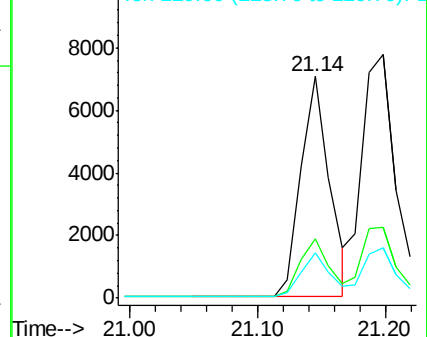
229 20.1 16.0 24.0

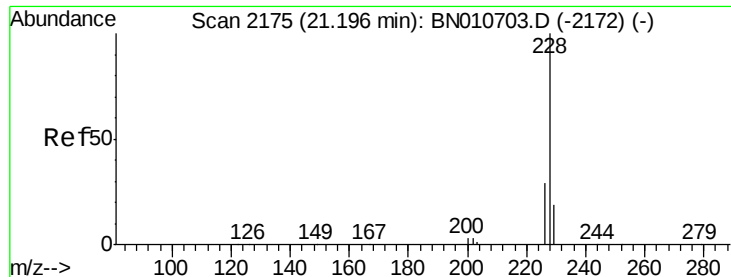


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.45 ng

RT: 21.20 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

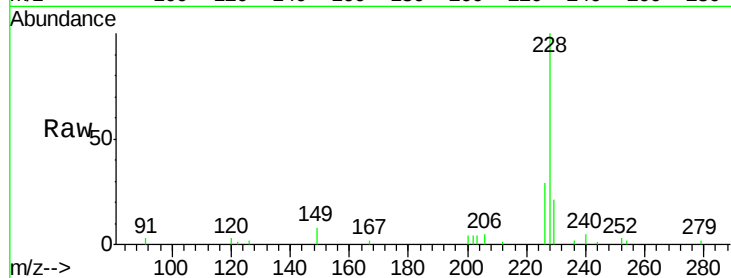
Tgt Ion:228 Resp: 14366

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

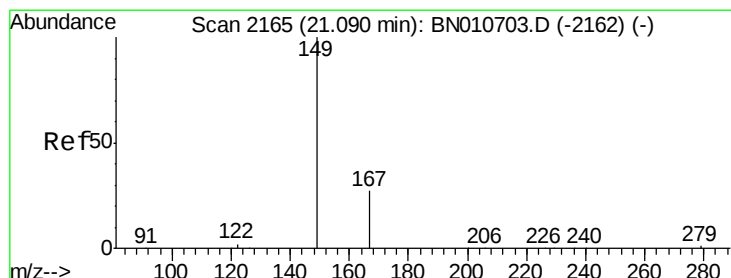
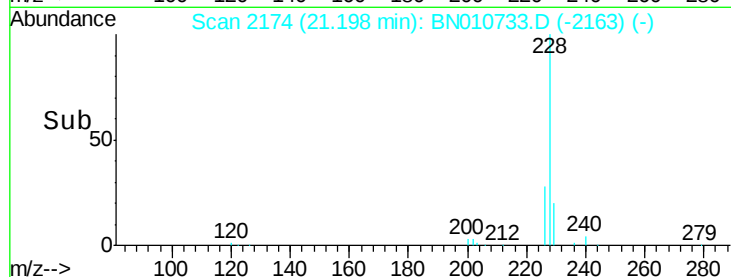
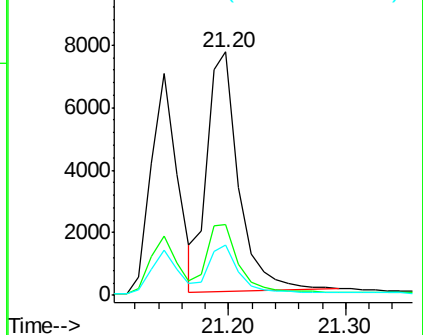
229 20.7 16.1 24.1



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: 0.38 ng

RT: 21.09 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

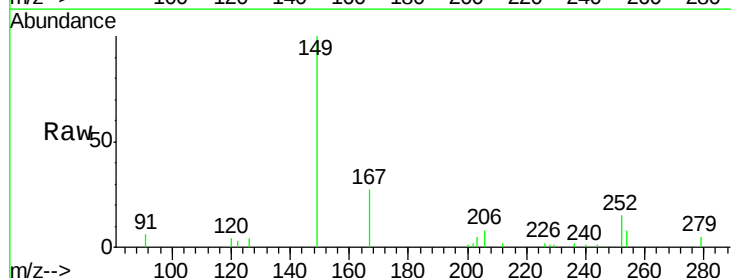
Tgt Ion:149 Resp: 4630

Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

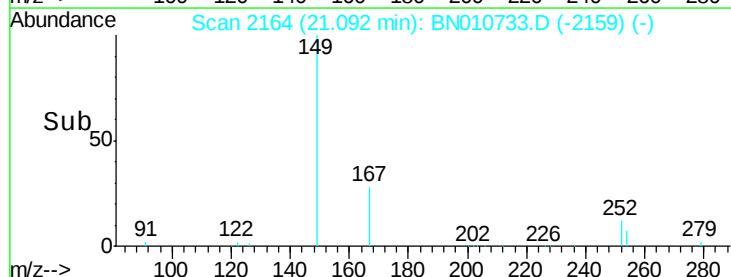
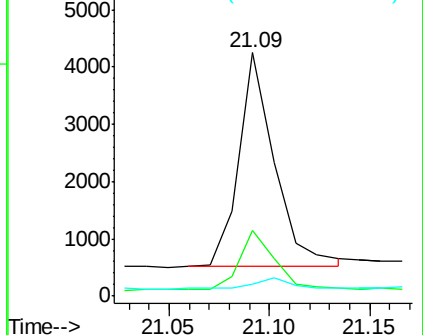
279 4.4 4.1 6.1

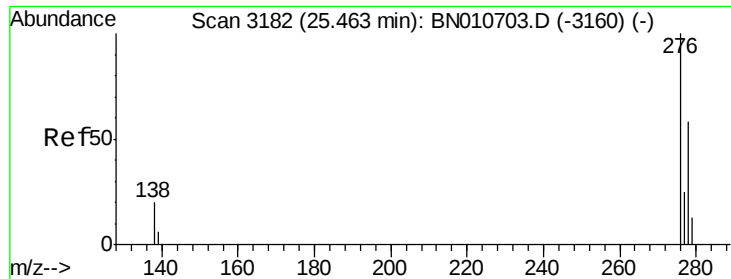


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.35 ng

RT: 25.47 min Scan# 3182

Delta R.T. 0.01 min

Lab File: BN010733.D

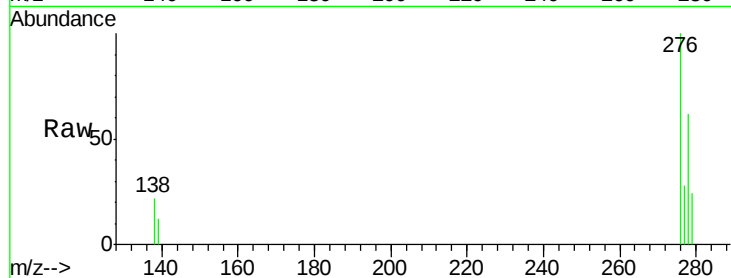
Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD



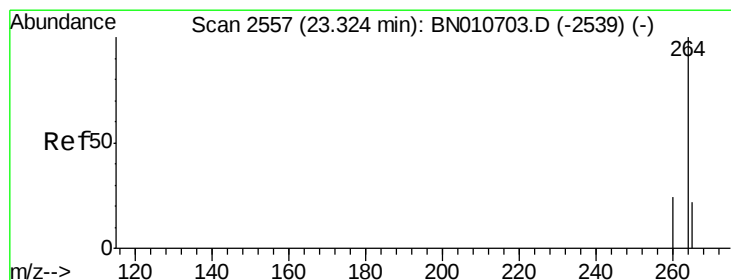
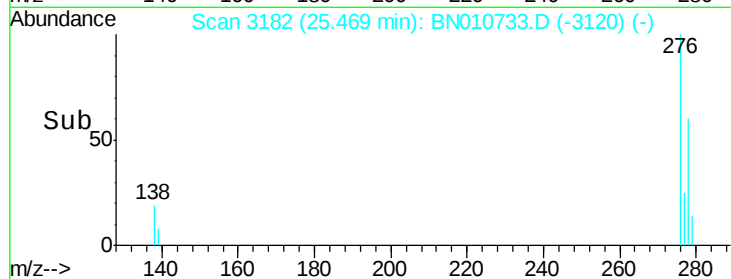
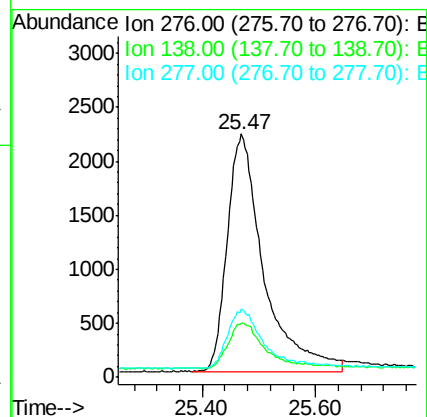
Tgt Ion:276 Resp: 9881

Ion Ratio Lower Upper

276 100

138 18.6 15.1 22.7

277 23.3 19.4 29.0



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.32 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

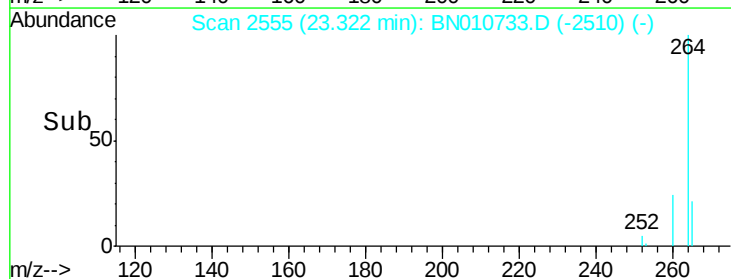
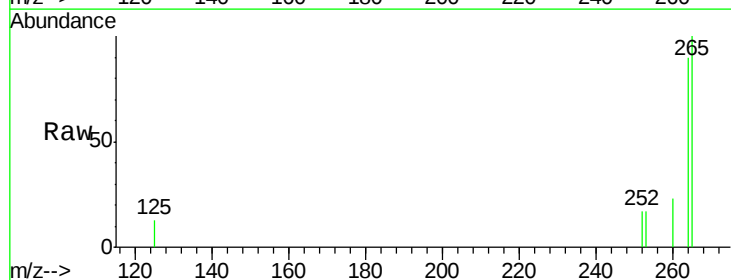
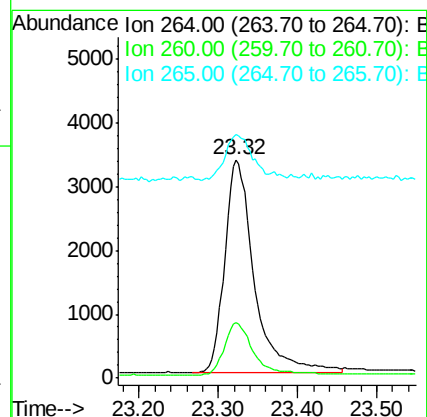
Tgt Ion:264 Resp: 8619

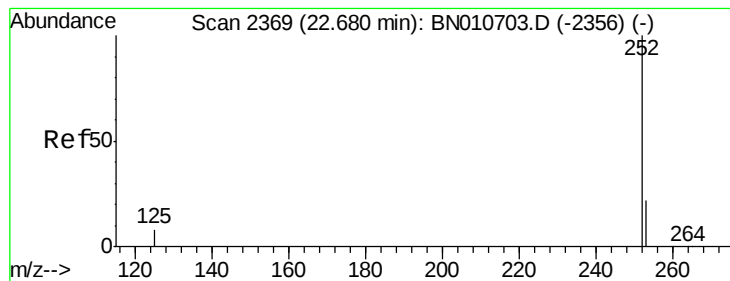
Ion Ratio Lower Upper

264 100

260 25.3 19.6 29.4

265 111.4 70.1 105.1#





#35

Benzo(b)fluoranthene

Concen: 0.41 ng

RT: 22.68 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

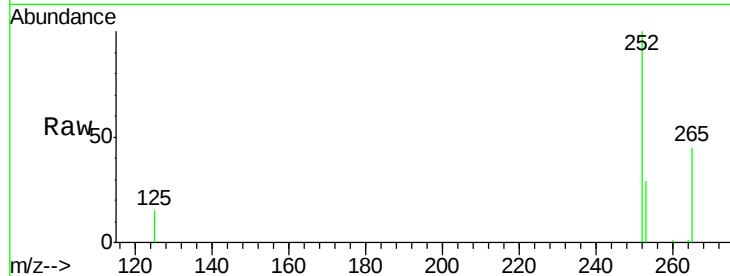
Tgt Ion:252 Resp: 11637

Ion Ratio Lower Upper

252 100

253 28.7 22.0 33.0

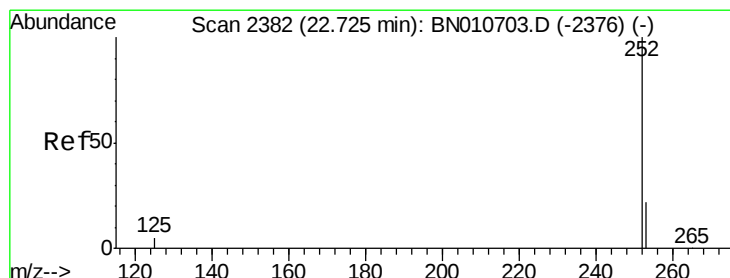
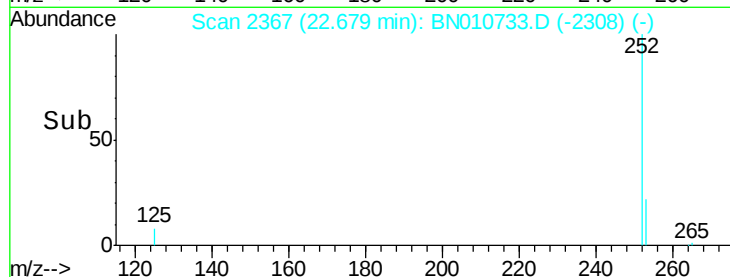
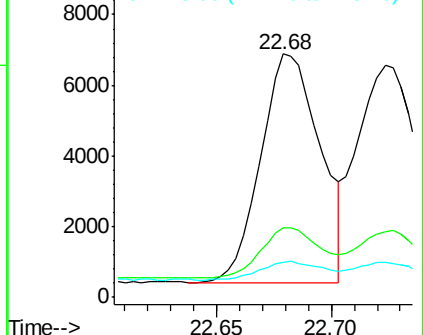
125 14.6 10.8 16.2



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: 0.43 ng

RT: 22.72 min Scan# 2380

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

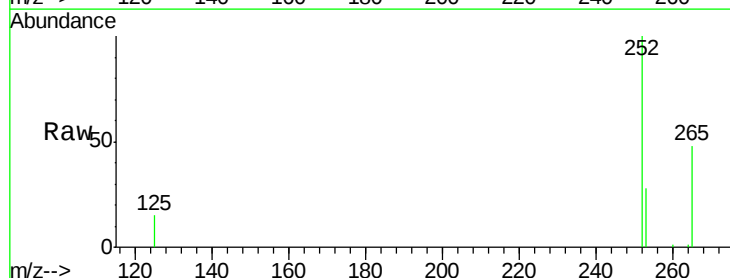
Tgt Ion:252 Resp: 13246

Ion Ratio Lower Upper

252 100

253 28.2 21.9 32.9

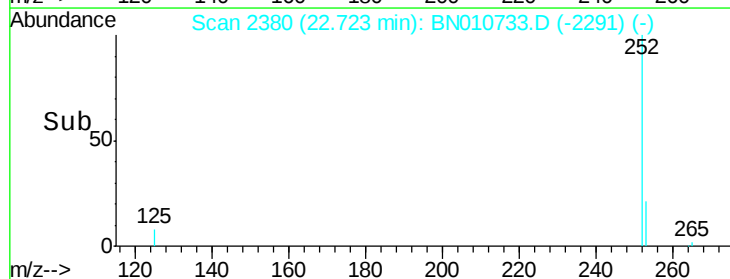
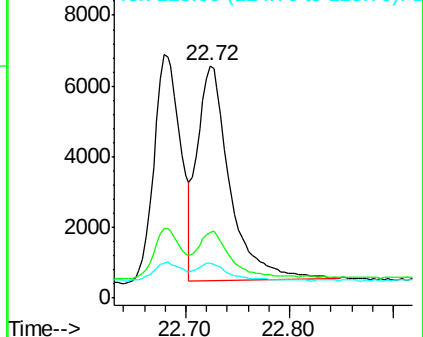
125 14.8 11.1 16.7

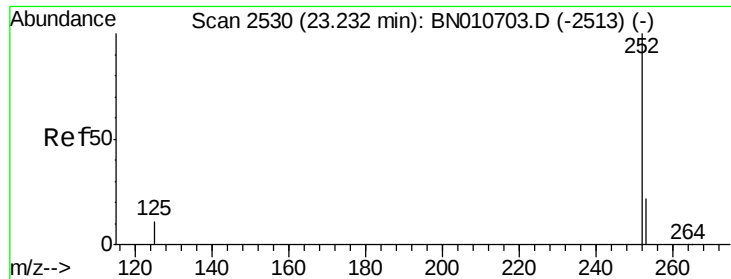


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.41 ng

RT: 23.23 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD

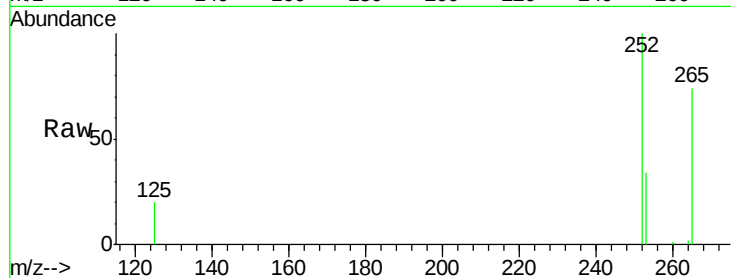
Tgt Ion:252 Resp: 10075

Ion Ratio Lower Upper

252 100

253 33.6 24.8 37.2

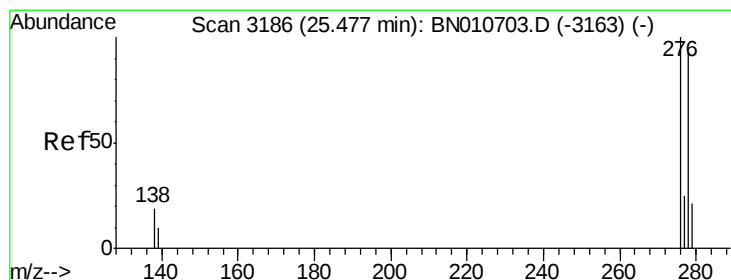
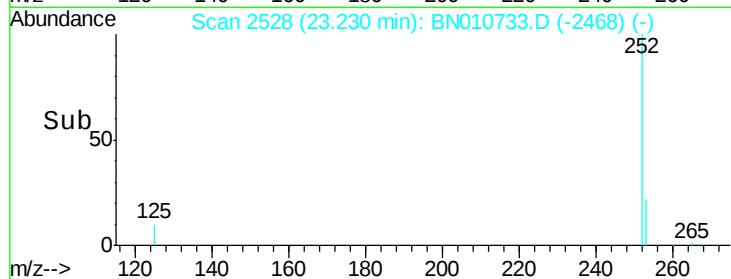
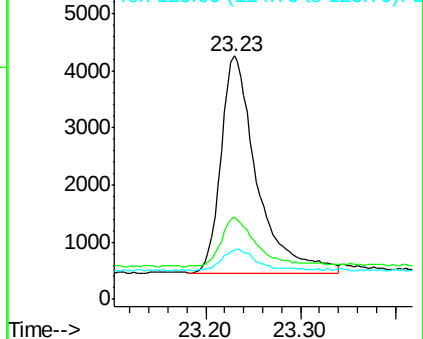
125 20.3 15.8 23.6



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: 0.35 ng

RT: 25.49 min Scan# 3187

Delta R.T. 0.02 min

Lab File: BN010733.D

Acq: 21 May 2020 18:10

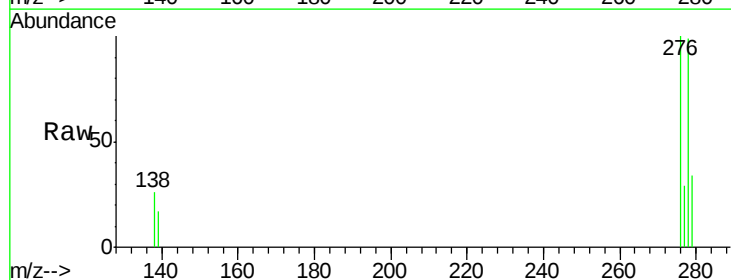
Tgt Ion:278 Resp: 7460

Ion Ratio Lower Upper

278 100

139 17.1 13.0 19.4

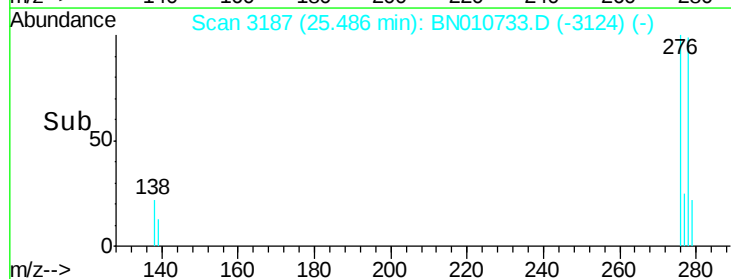
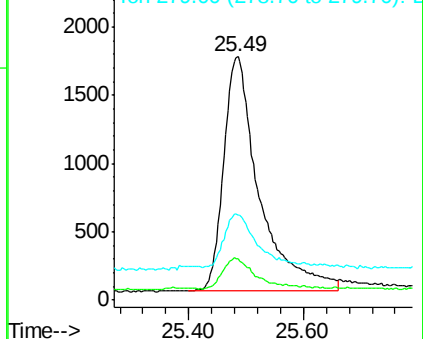
279 34.6 25.1 37.7

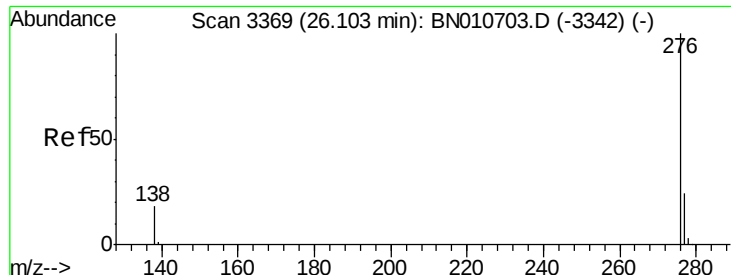


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.40 ng

RT: 26.11 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BN010733.D

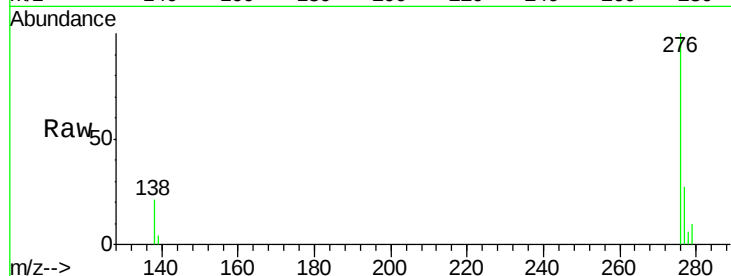
Acq: 21 May 2020 18:10

Instrument :

BNA_N

ClientSampleId :

PB129048BSD



Tgt Ion: 276 Resp: 9873

Ion Ratio Lower Upper

276 100

277 27.0 20.6 30.8

138 21.4 16.0 24.0

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

