

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051420\
 Data File : BN010714.D
 Acq On : 14 May 2020 16:16
 Operator : CG/JU
 Sample : PB128648BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128648BS

Quant Time: May 14 17:01:55 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 14 12:56:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3877	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	14878	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	9088	0.40	ng	0.01
19) Phenanthrene-d10	16.95	188	18879	0.40	ng	0.00
27) Chrysene-d12	21.15	240	15691	0.40	ng	0.00
34) Perylene-d12	23.32	264	14003	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3205	0.42	ng	0.00
5) Phenol-d6	6.77	99	3733	0.40	ng	0.00
8) Nitrobenzene-d5	8.71	82	5913	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	9513	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1055	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	19464	0.58	ng	0.00
25) Fluoranthene-d10	18.99	212	14256	0.28	ng	0.00
29) Terphenyl-d14	19.60	244	18022	0.48	ng	0.00

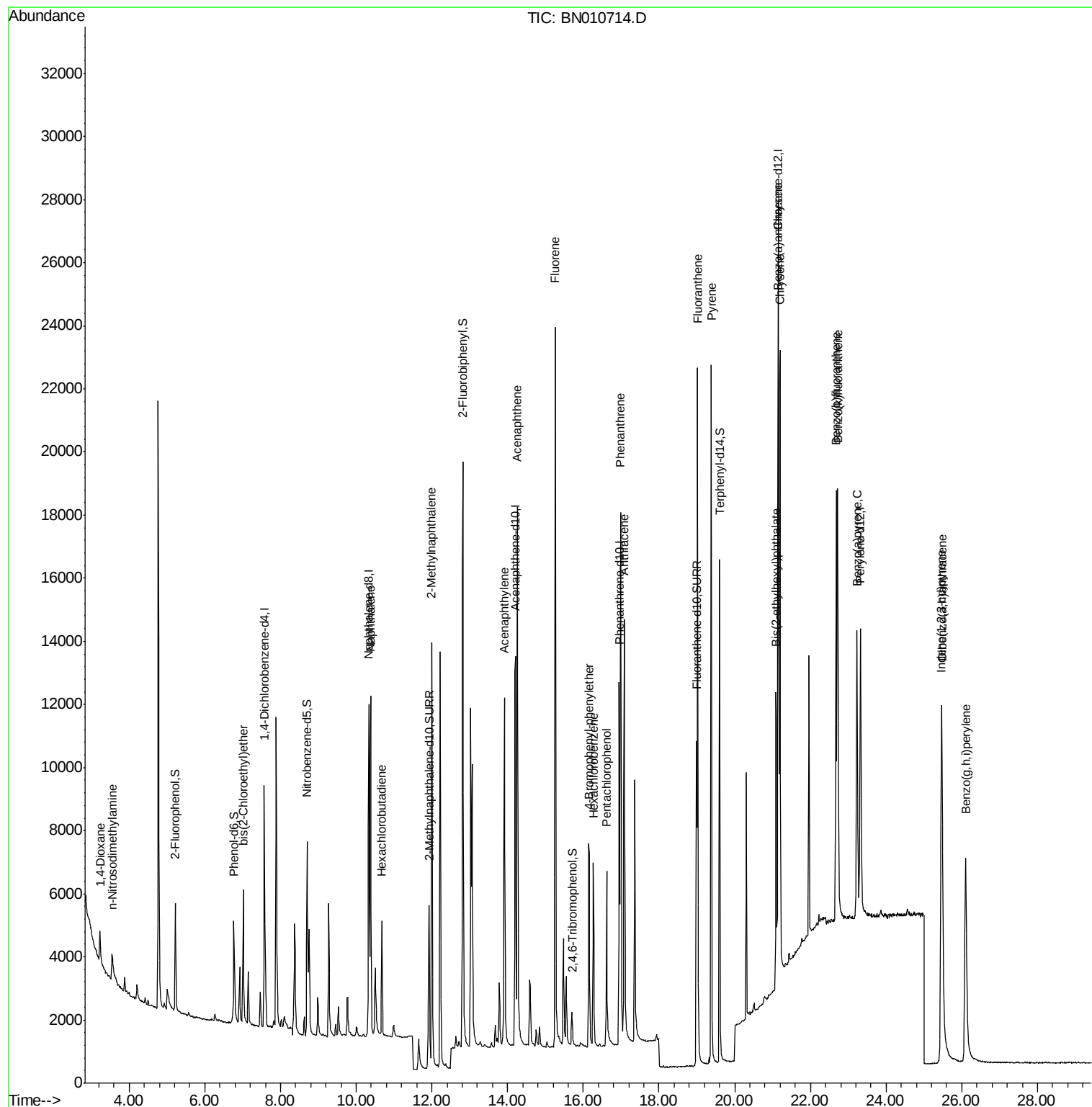
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	990	0.296	ng	# 66
3) n-Nitrosodimethylamine	3.55	42	893	0.464	ng	# 99
6) bis(2-Chloroethyl)ether	7.02	93	4036	0.423	ng	96
9) Naphthalene	10.38	128	14932	0.399	ng	100
10) Hexachlorobutadiene	10.67	225	3216	0.376	ng	# 99
12) 2-Methylnaphthalene	12.00	142	10616	0.402	ng	100
16) Acenaphthylene	13.91	152	14286	0.385	ng	100
17) Acenaphthene	14.26	154	9753	0.389	ng	99
18) Fluorene	15.26	166	12550	0.382	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	3753	0.360	ng	# 88
21) Hexachlorobenzene	16.26	284	4803	0.387	ng	99
22) Pentachlorophenol	16.61	266	3685	0.959	ng	99
23) Phenanthrene	16.99	178	19406	0.383	ng	99
24) Anthracene	17.08	178	16142	0.379	ng	100
26) Fluoranthene	19.02	202	21315	0.371	ng	99
28) Pyrene	19.38	202	21507	0.382	ng	100
30) Benzo(a)anthracene	21.14	228	17555	0.384	ng	100
31) Chrysene	21.20	228	20163	0.389	ng	100
32) Bis(2-ethylhexyl)phthalate	21.09	149	7503	0.374	ng	99
33) Indeno(1,2,3-cd)pyrene	25.46	276	17841	0.387	ng	99
35) Benzo(b)fluoranthene	22.68	252	17750	0.383	ng	98
36) Benzo(k)fluoranthene	22.72	252	20002	0.401	ng	98
37) Benzo(a)pyrene	23.23	252	15932	0.398	ng	95
38) Dibenzo(a,h)anthracene	25.48	278	14525	0.424	ng	96
39) Benzo(g,h,i)perylene	26.10	276	17280	0.430	ng	99

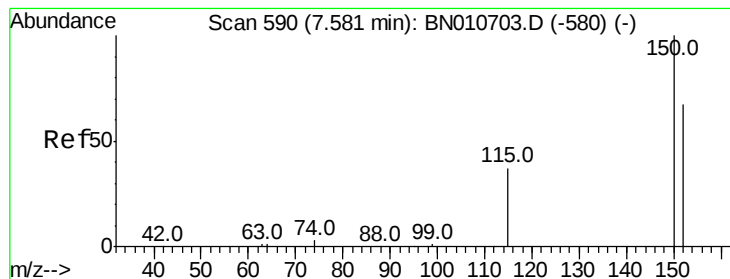
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 14 12:56:11 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

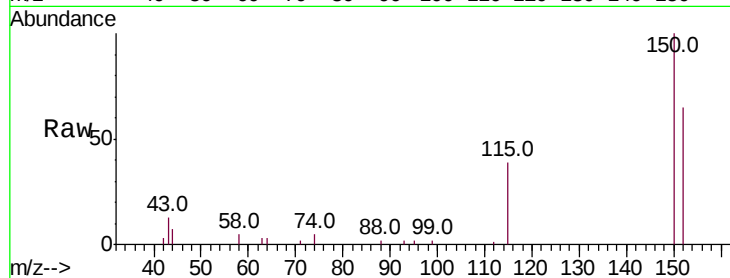
Tot Ion:152 Resp: 3877

Ion Ratio Lower Upper

152 100

150 153.9 119.4 179.0

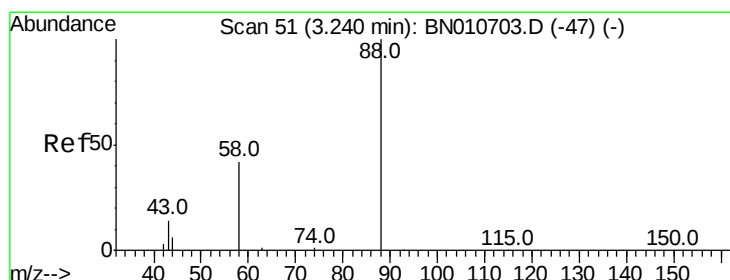
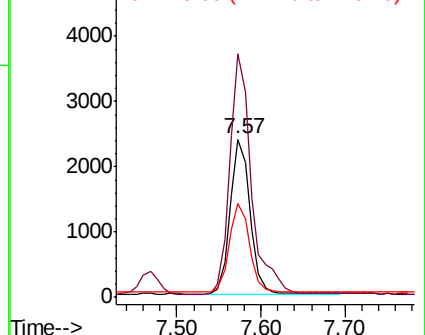
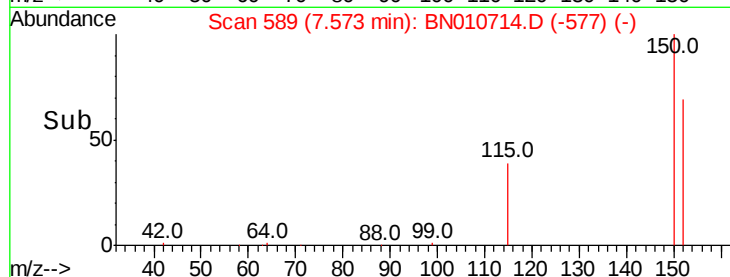
115 59.4 45.9 68.9



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: 0.296 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

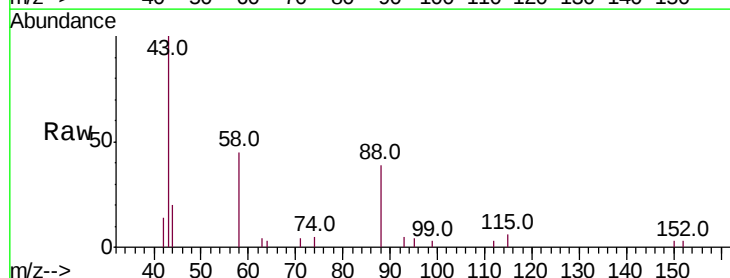
Tgt Ion: 88 Resp: 990

Ion Ratio Lower Upper

88 100

58 61.9 39.0 58.6#

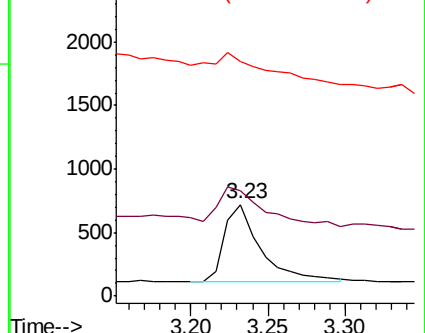
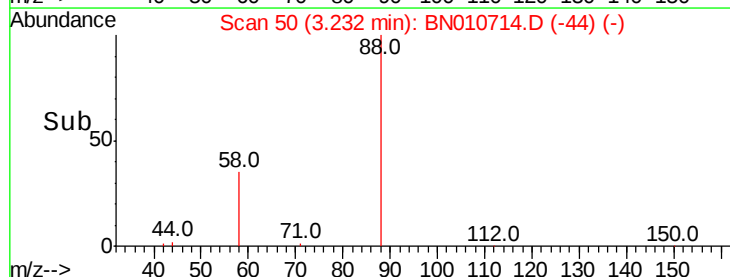
43 50.0 13.1 19.7#

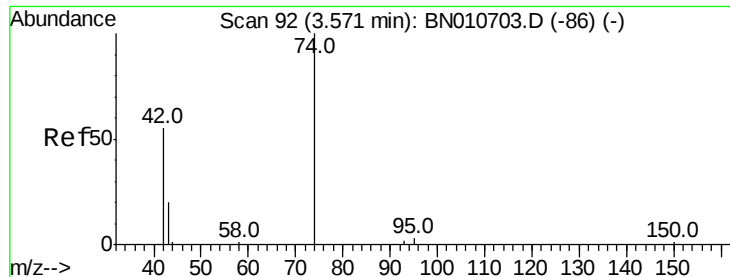


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.464 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.02 min

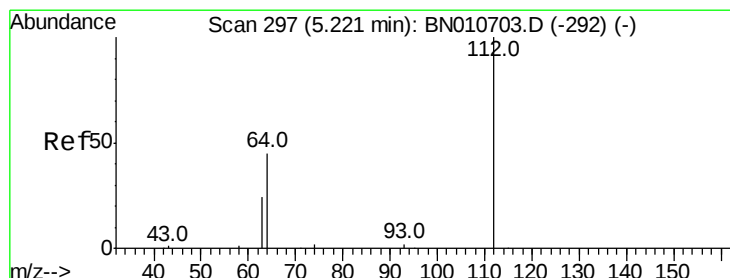
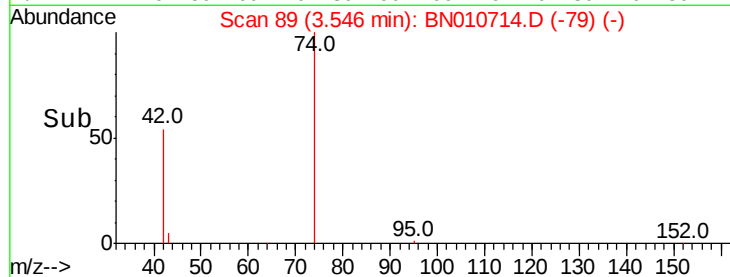
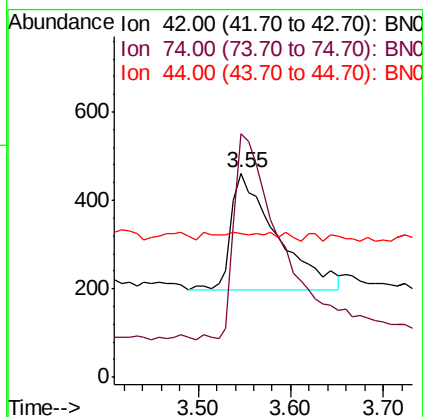
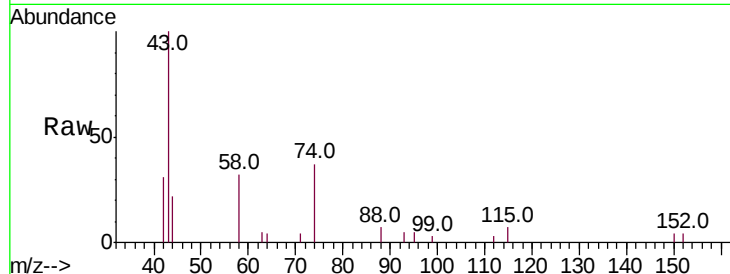
Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :
BNA_N
ClientSampleId :
PB128648BS

Tot Ion: 42 Resp: 893

Ion	Ratio	Lower	Upper
42	100		
74	182.2	146.2	219.2
44	0.9	3.0	4.4#



#4

2-Fluorophenol

Concen: 0.422 ng

RT: 5.22 min Scan# 297

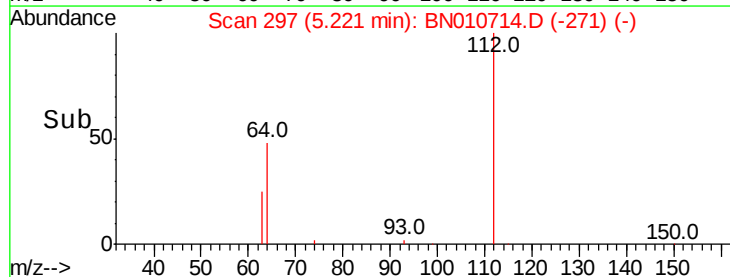
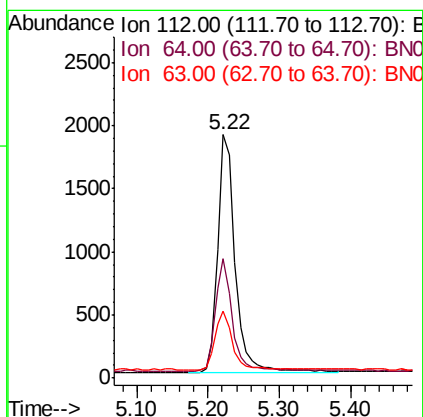
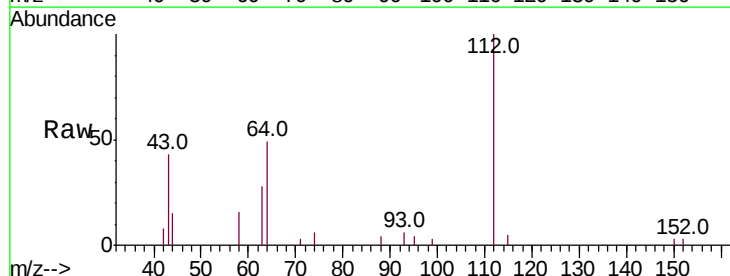
Delta R.T. 0.01 min

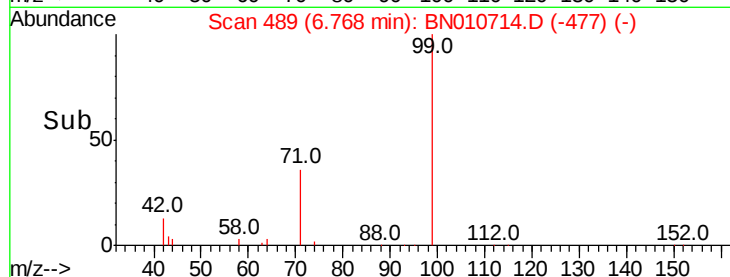
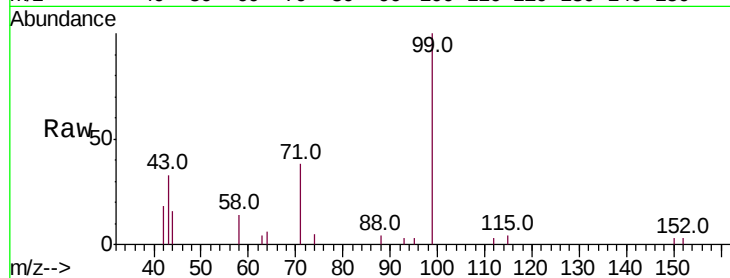
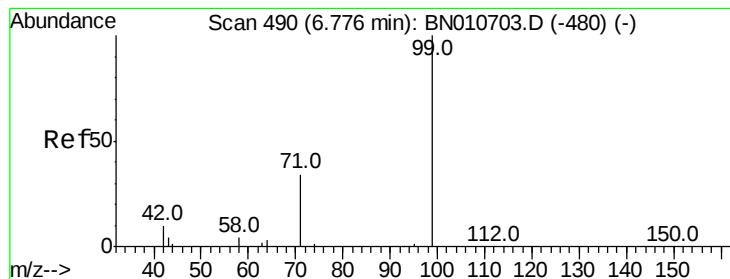
Lab File: BN010714.D

Acq: 14 May 2020 16:16

Tgt Ion: 112 Resp: 3205

Ion	Ratio	Lower	Upper
112	100		
64	45.1	36.2	54.4
63	24.6	19.8	29.8





#5

Phenol-d6

Concen: 0.403 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

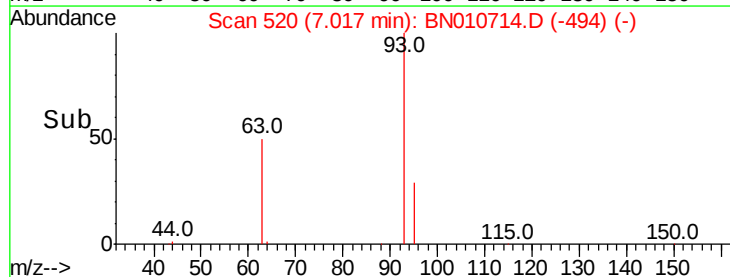
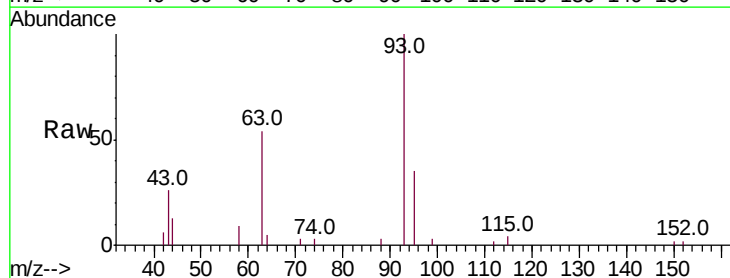
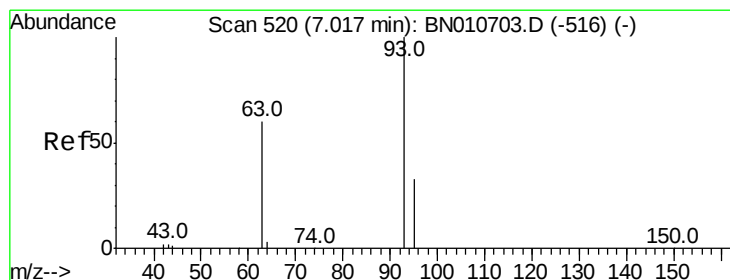
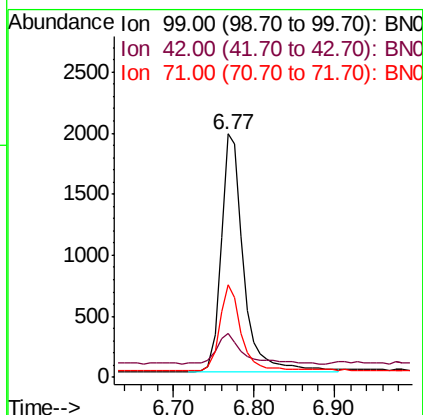
Tot Ion: 99 Resp: 3733

Ion Ratio Lower Upper

99 100

42 14.5 9.8 14.8

71 35.4 28.6 42.8



#6

bis(2-Chloroethyl)ether

Concen: 0.423 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.01 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

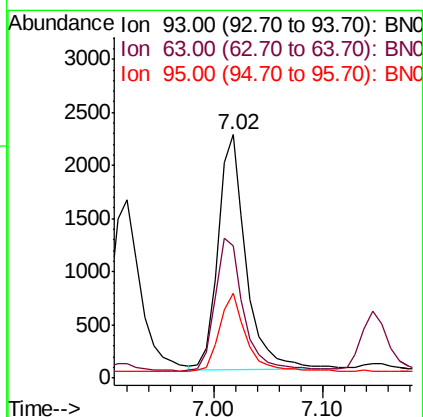
Tgt Ion: 93 Resp: 4036

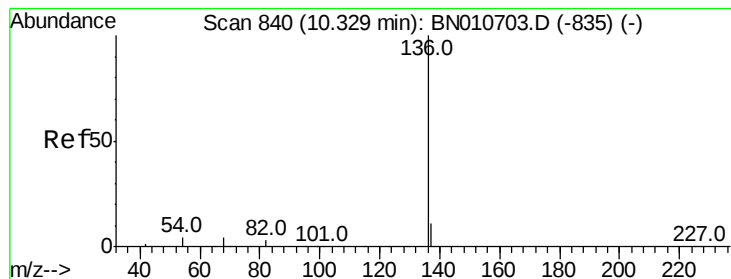
Ion Ratio Lower Upper

93 100

63 56.8 43.1 64.7

95 32.7 24.6 37.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

Tot Ion:136 Resp: 14878

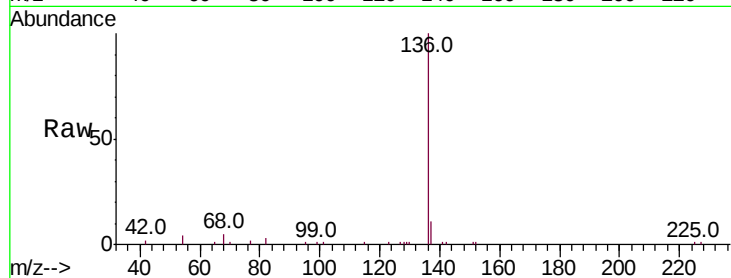
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 3.8 3.6 5.4

68 4.6 4.1 6.1

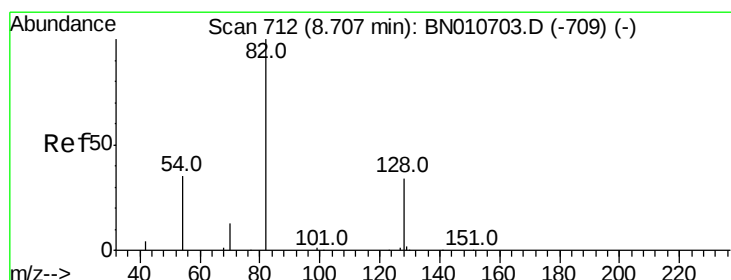
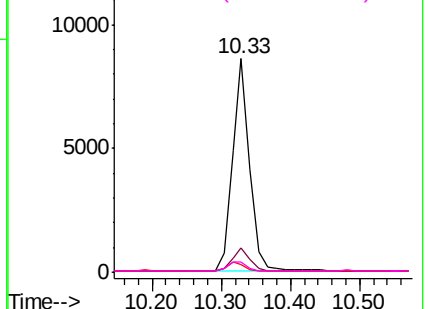
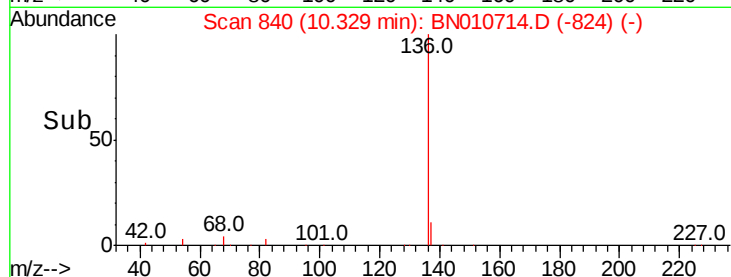


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.572 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

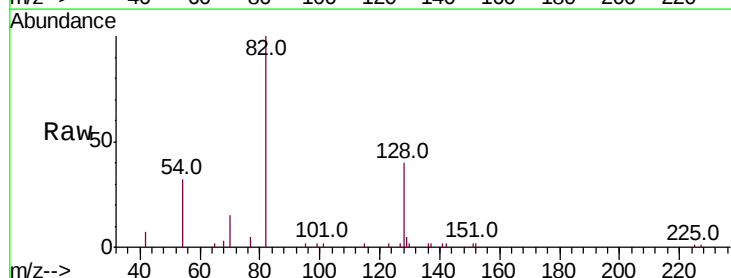
Tgt Ion: 82 Resp: 5913

Ion Ratio Lower Upper

82 100

128 40.1 29.0 43.4

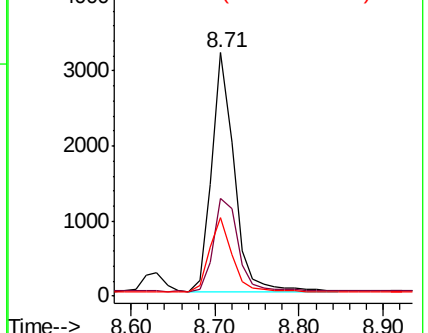
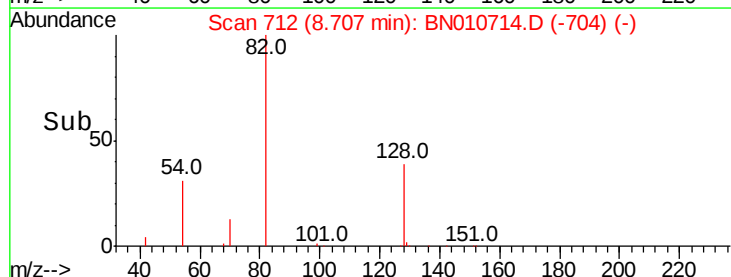
54 32.2 29.3 43.9

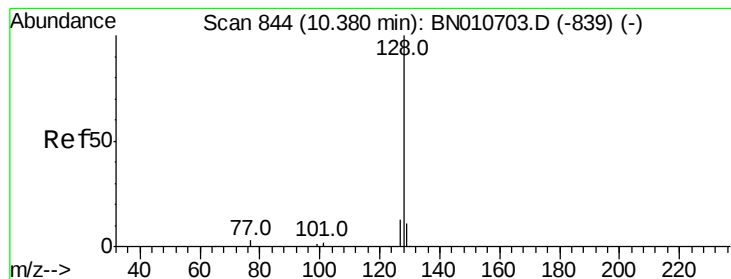


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.399 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.01 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

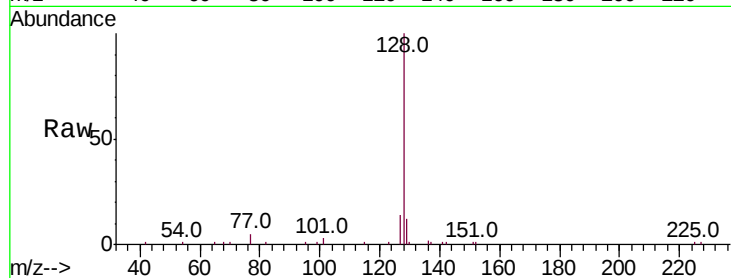
Tot Ion:128 Resp: 14932

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

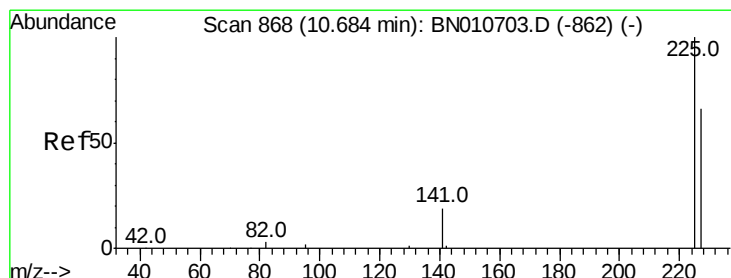
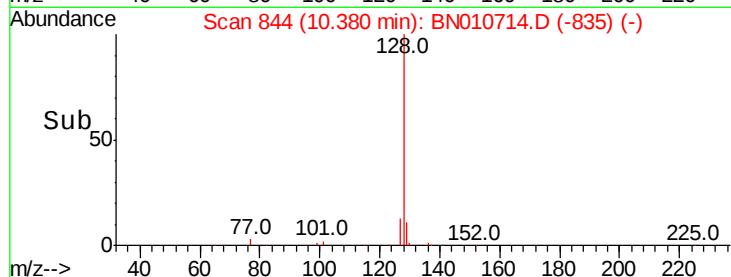
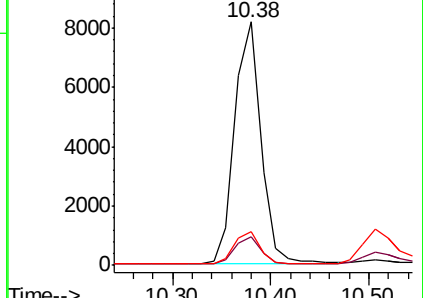
127 13.7 11.0 16.6



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: 0.376 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

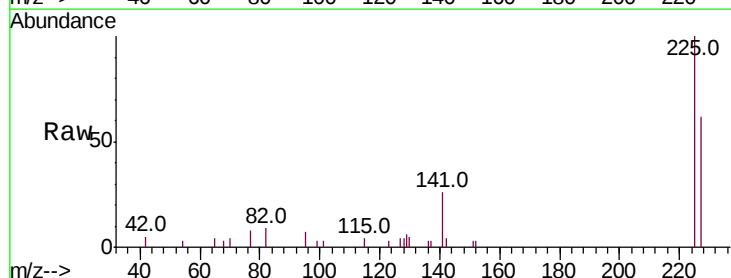
Tgt Ion:225 Resp: 3216

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

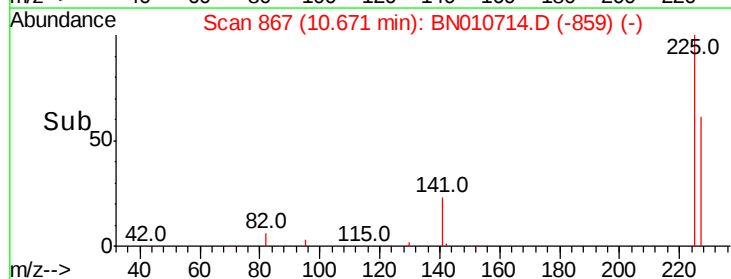
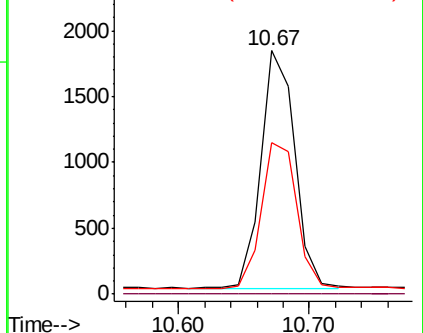
227 64.2 50.7 76.1

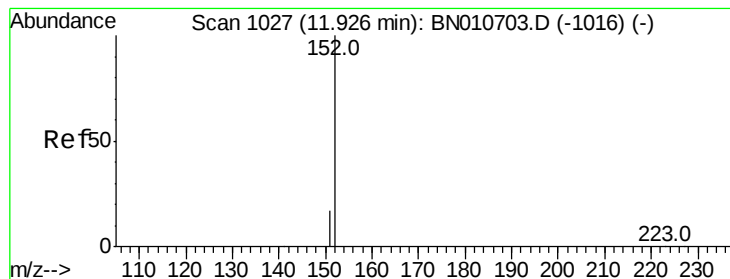


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 11.93 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

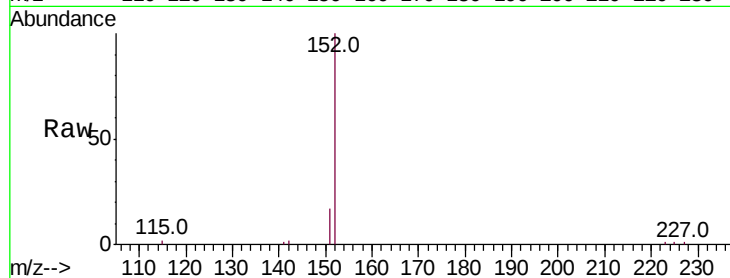
PB128648BS

Tot Ion:152 Resp: 9513

Ion Ratio Lower Upper

152 100

151 14.7 15.0 22.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.93

5000

4000

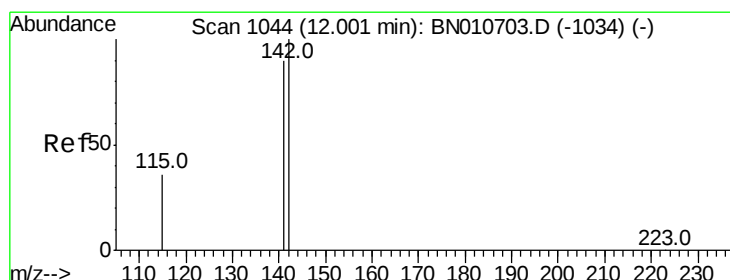
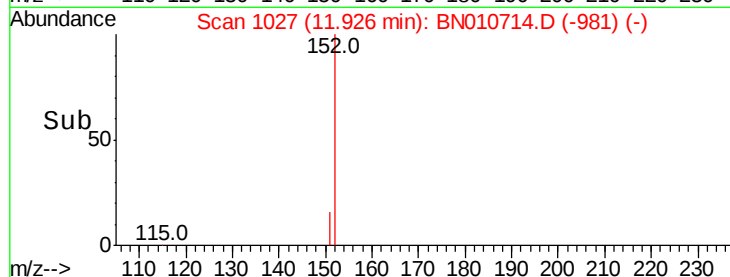
3000

2000

1000

0

Time--> 11.80 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.402 ng

RT: 12.00 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

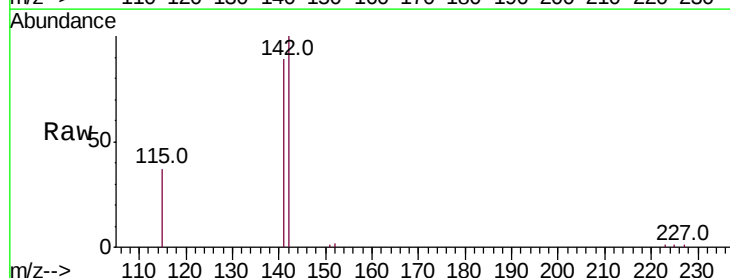
Tgt Ion:142 Resp: 10616

Ion Ratio Lower Upper

142 100

141 89.3 71.7 107.5

115 37.4 29.8 44.6



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

12.00

8000

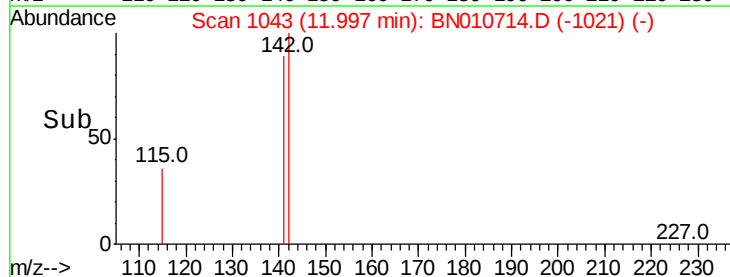
6000

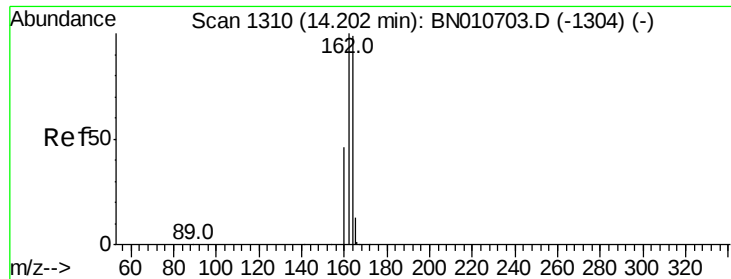
4000

2000

0

Time--> 11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

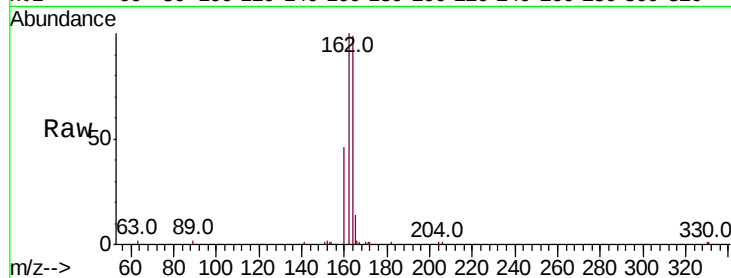
Tot Ion:164 Resp: 9088

Ion Ratio Lower Upper

164 100

162 101.1 81.1 121.7

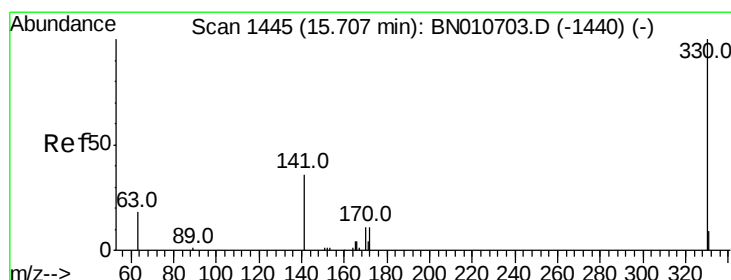
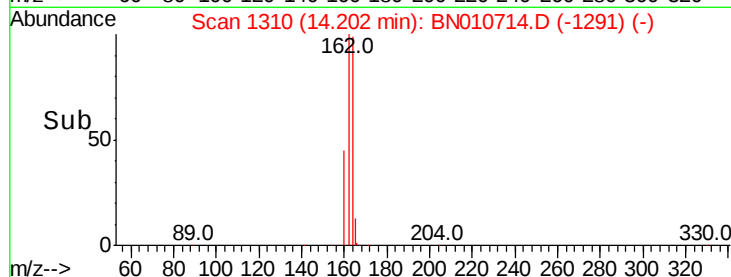
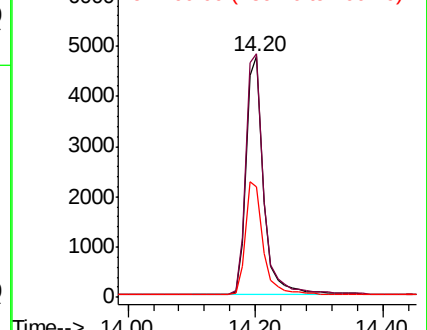
160 46.1 37.9 56.9



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: 0.320 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

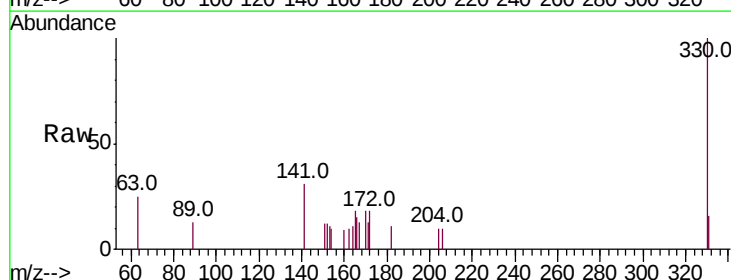
Tgt Ion:330 Resp: 1055

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

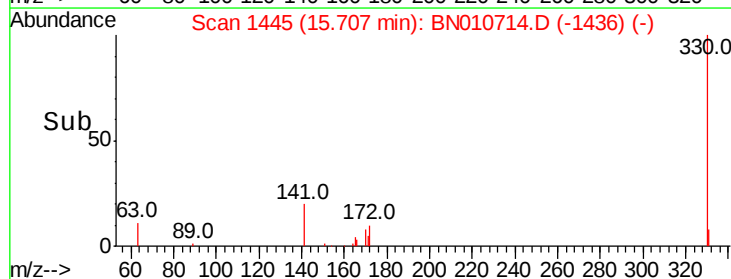
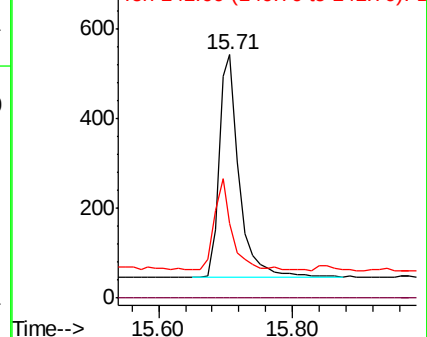
141 34.6 28.8 43.2

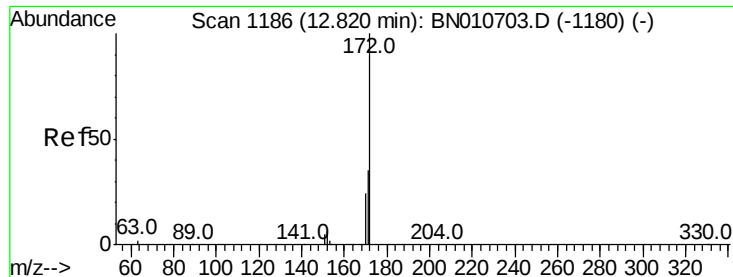


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

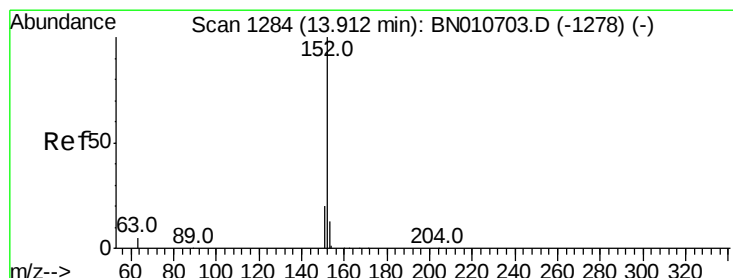
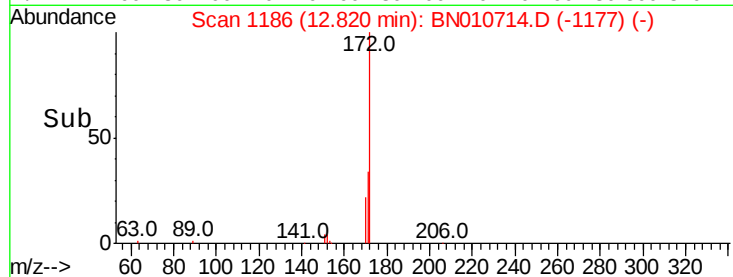
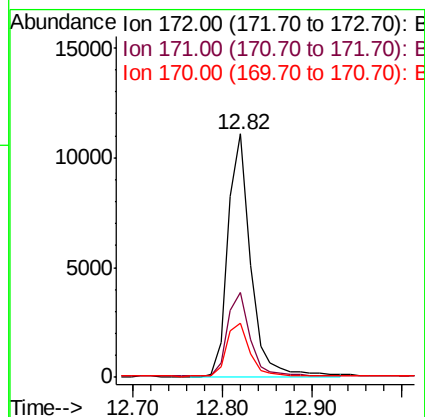
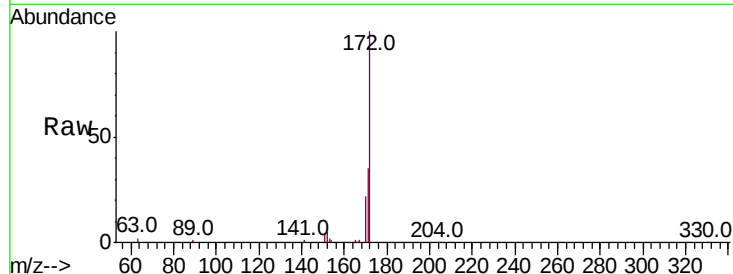




#15
2-Fluorobiphenyl
Concen: 0.584 ng
RT: 12.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010714.D
Acq: 14 May 2020 16:16

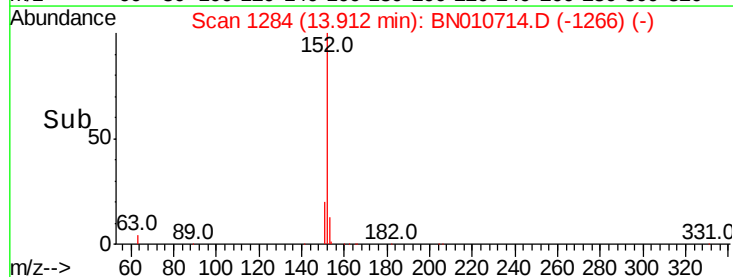
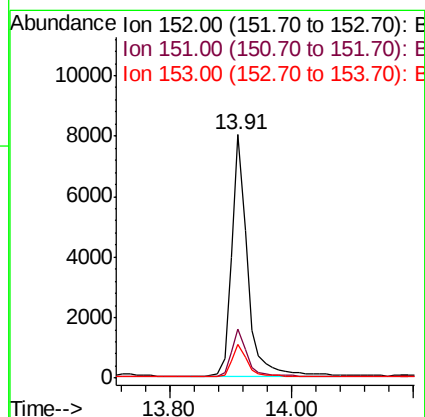
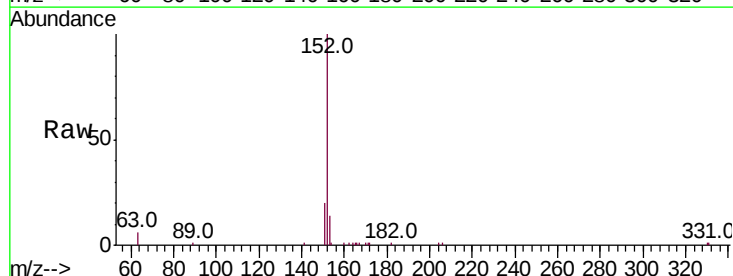
Instrument :
BNA_N
ClientSampleId :
PB128648BS

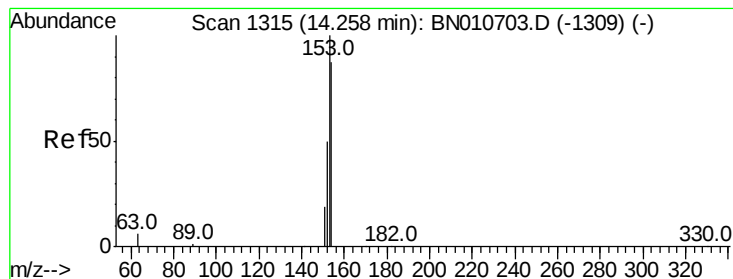
Tot Ion:172 Resp: 19464
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 22.1 19.8 29.8



#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.91 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN010714.D
Acq: 14 May 2020 16:16

Tgt Ion:152 Resp: 14286
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.389 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

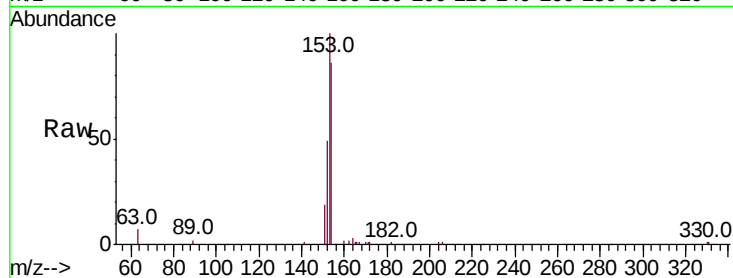
Tot Ion:154 Resp: 9753

Ion Ratio Lower Upper

154 100

153 113.9 91.5 137.3

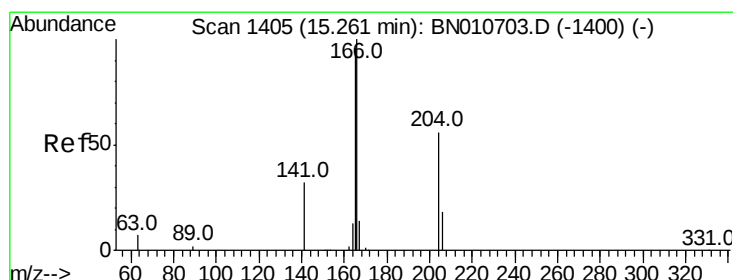
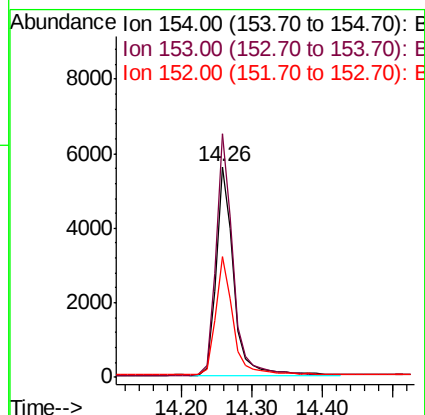
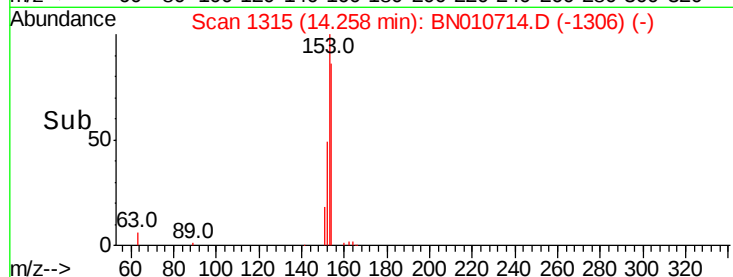
152 55.7 45.6 68.4



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: 0.382 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

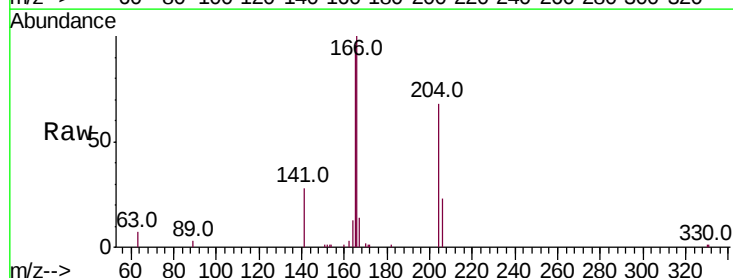
Tgt Ion:166 Resp: 12550

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

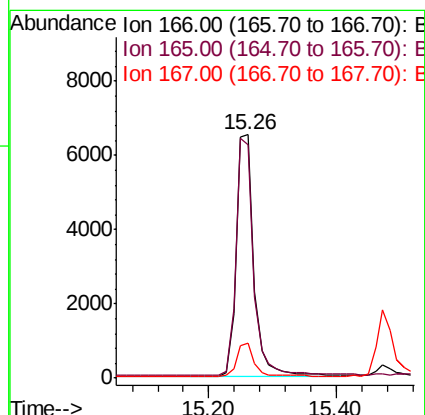
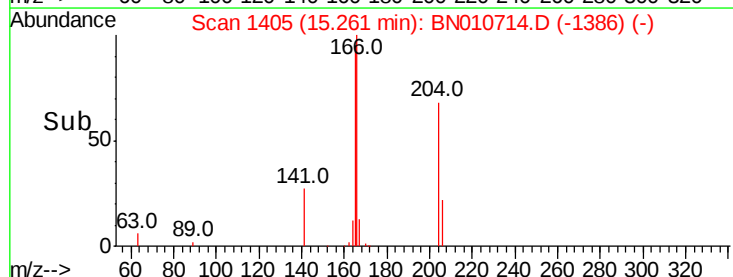
167 13.1 11.0 16.4

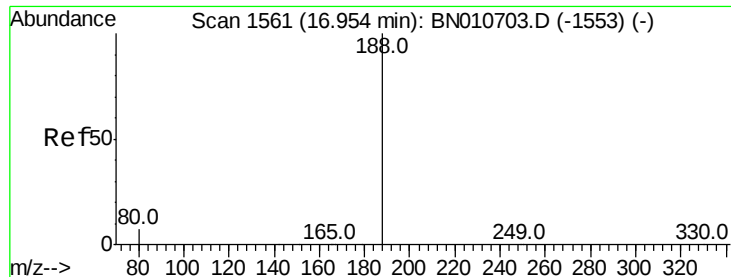


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

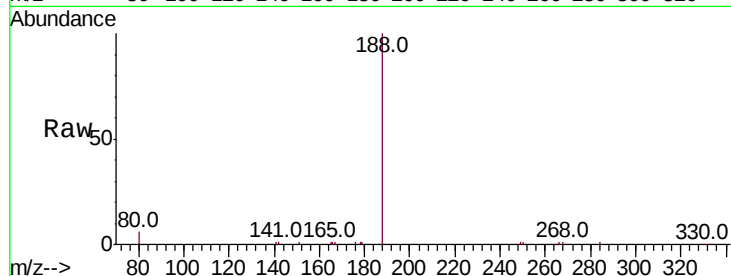
Tot Ion:188 Resp: 18879

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

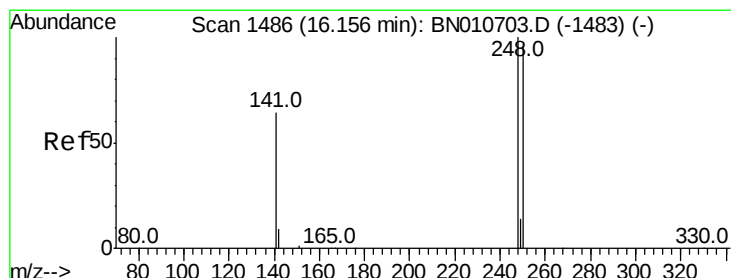
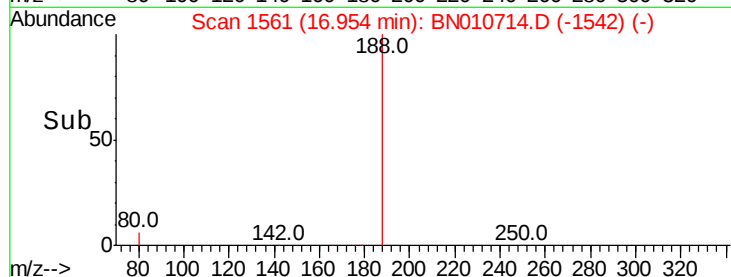
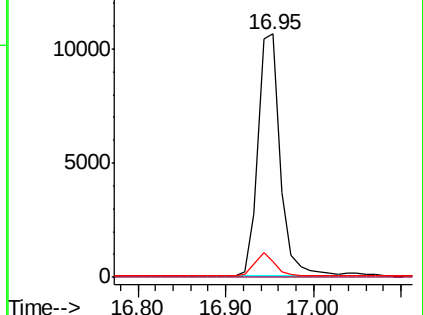
80 6.3 6.3 9.5#



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: 0.360 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

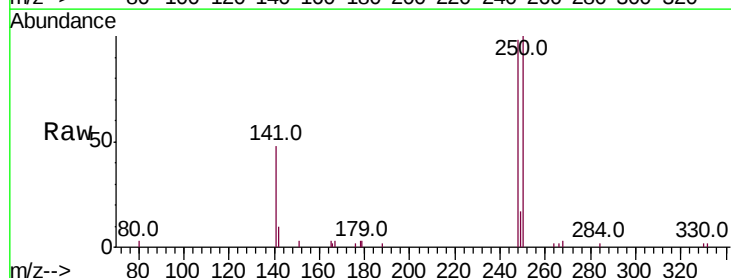
Tgt Ion:248 Resp: 3753

Ion Ratio Lower Upper

248 100

250 102.0 77.4 116.0

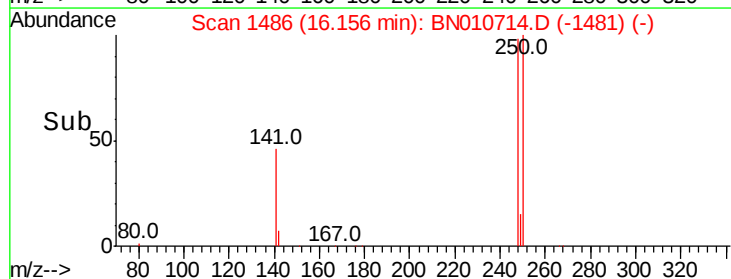
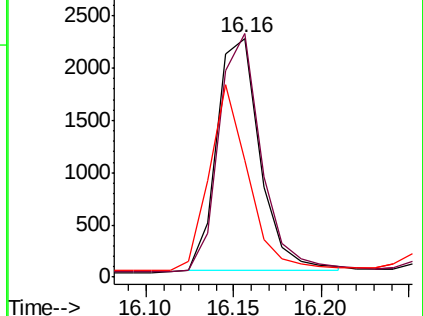
141 49.0 53.1 79.7#

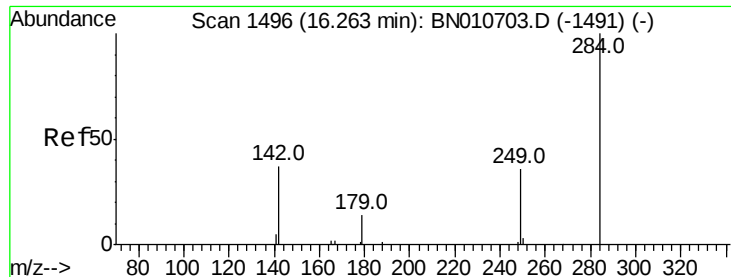


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.387 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

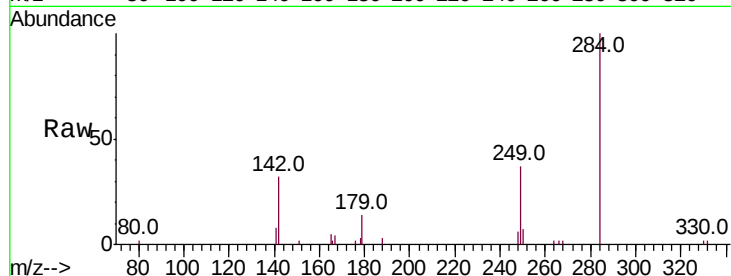
Tot Ion:284 Resp: 4803

Ion Ratio Lower Upper

284 100

142 34.2 28.2 42.2

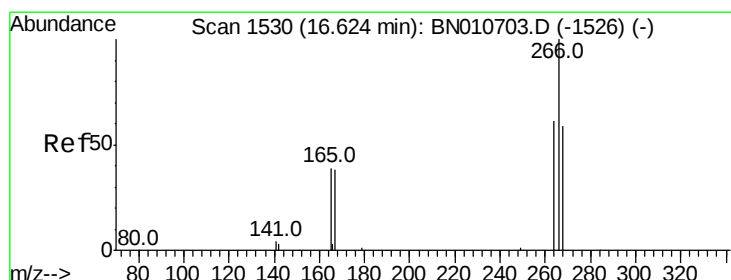
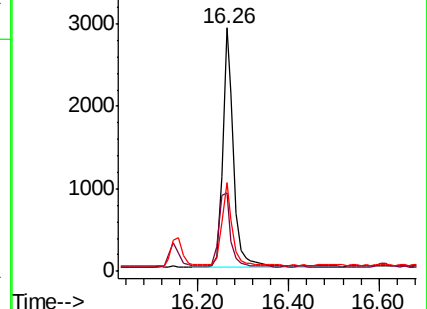
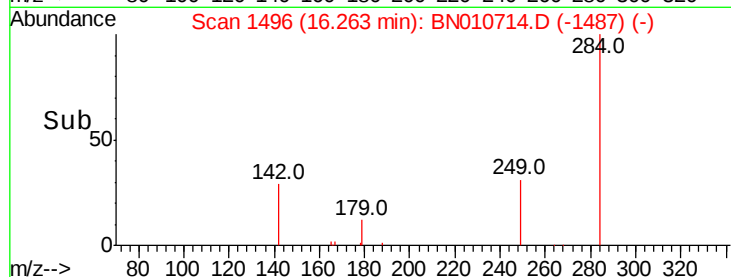
249 32.9 26.4 39.6



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: 0.959 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

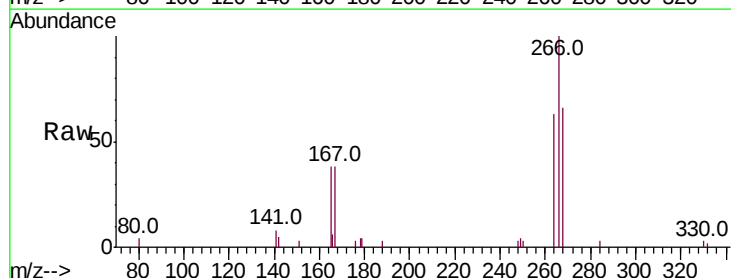
Tgt Ion:266 Resp: 3685

Ion Ratio Lower Upper

266 100

264 62.6 51.1 76.7

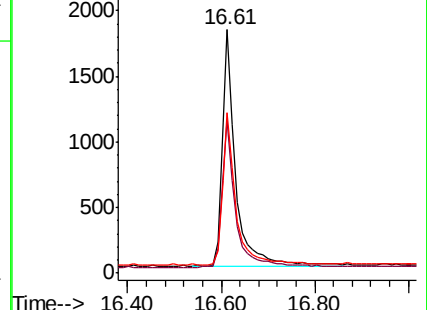
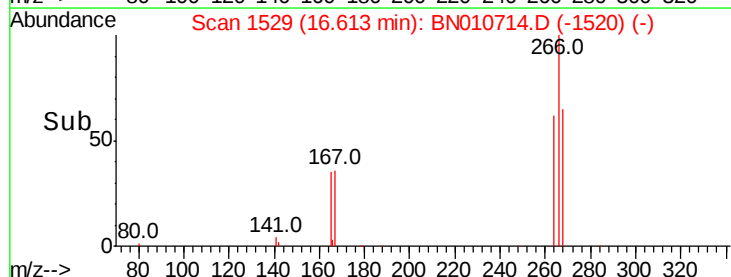
268 66.1 52.1 78.1

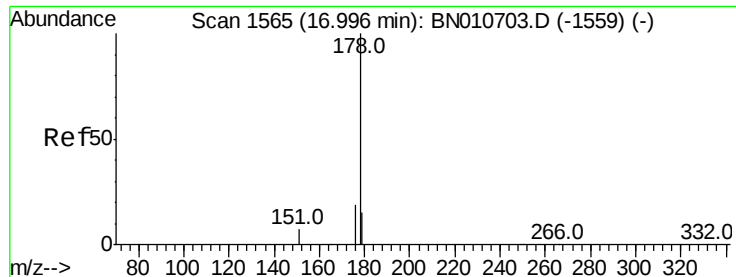


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.383 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

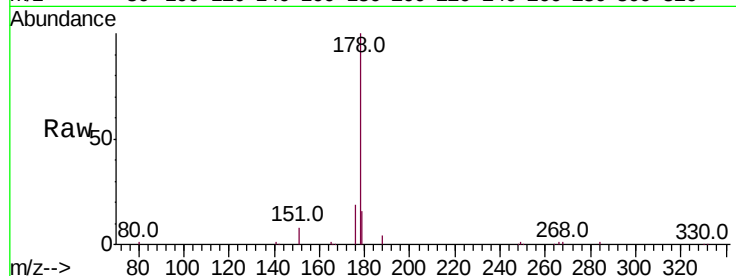
Tot Ion:178 Resp: 19406

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

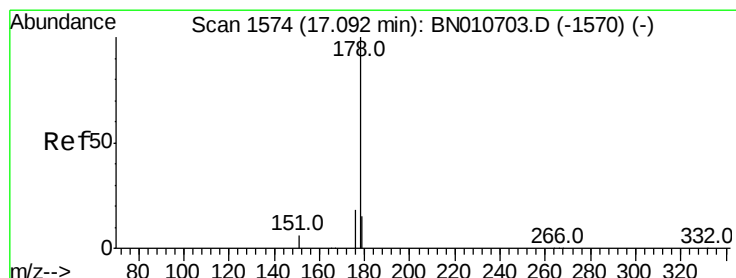
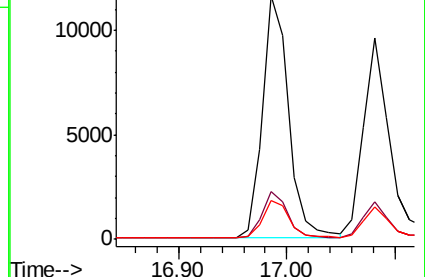
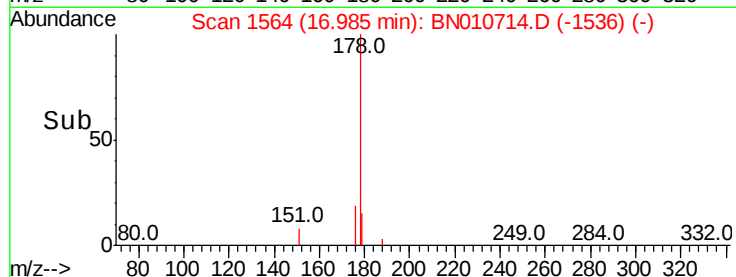
179 15.6 12.2 18.4



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: 0.379 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

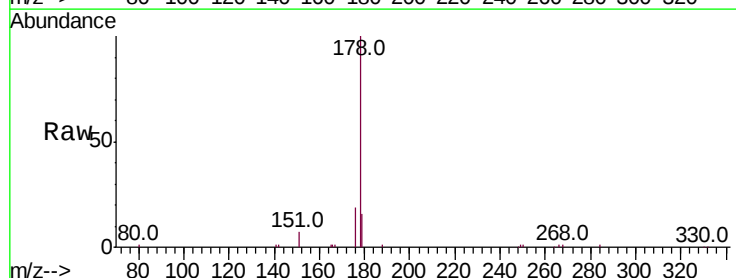
Tgt Ion:178 Resp: 16142

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

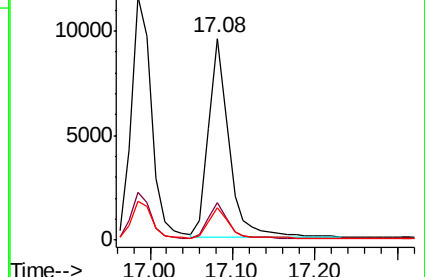
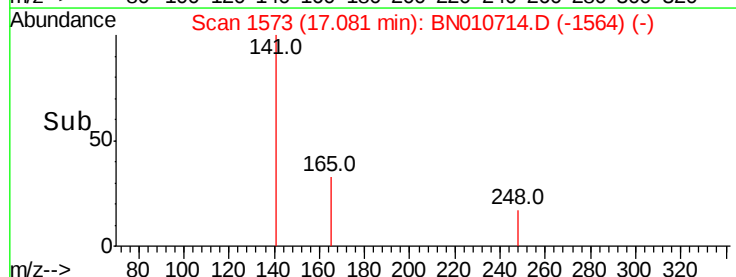
179 15.6 12.3 18.5

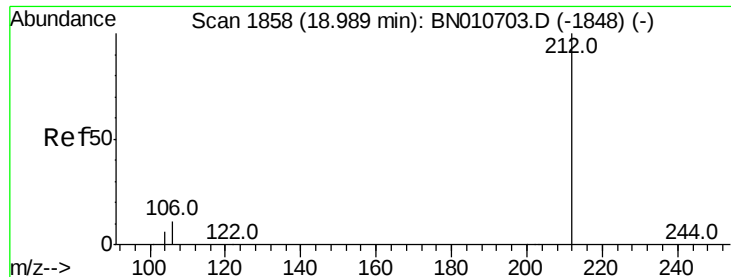


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.278 ng

RT: 18.99 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

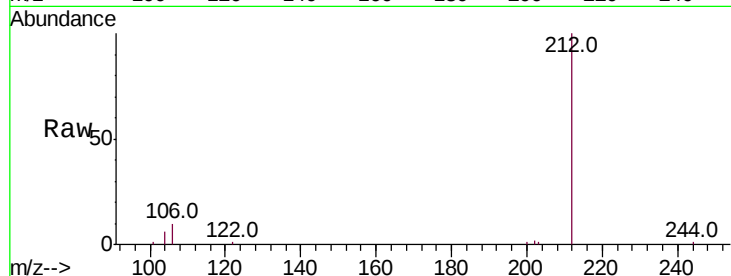
Tot Ion:212 Resp: 14256

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

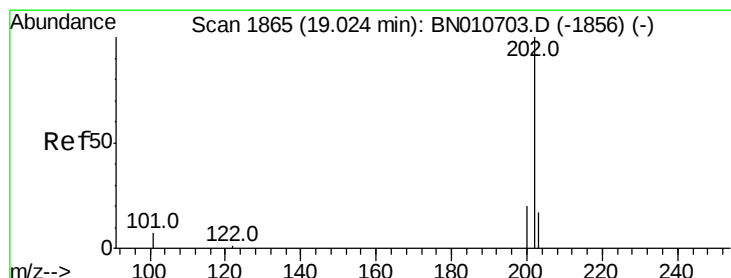
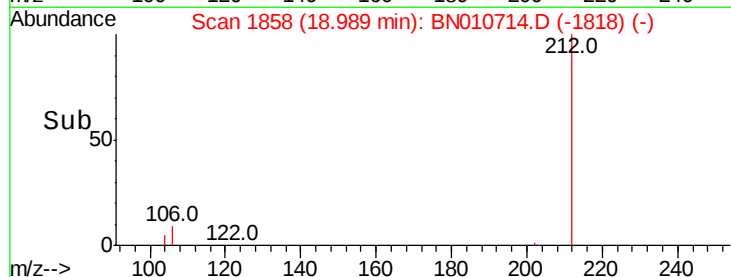
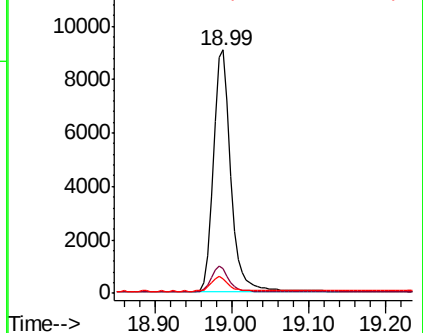
104 5.7 4.7 7.1



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: 0.371 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

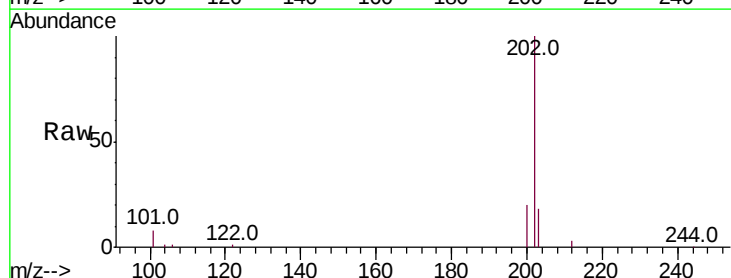
Tgt Ion:202 Resp: 21315

Ion Ratio Lower Upper

202 100

101 8.9 6.7 10.1

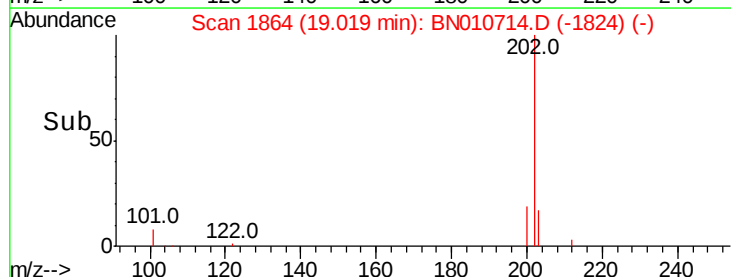
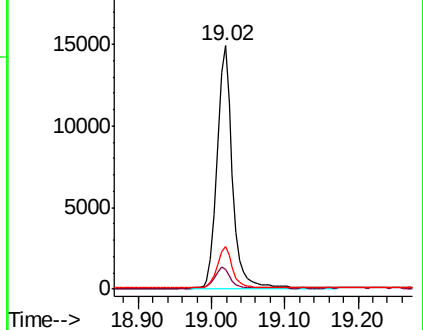
203 16.9 13.4 20.0

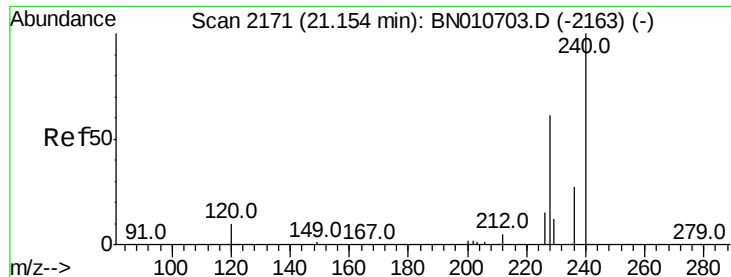


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

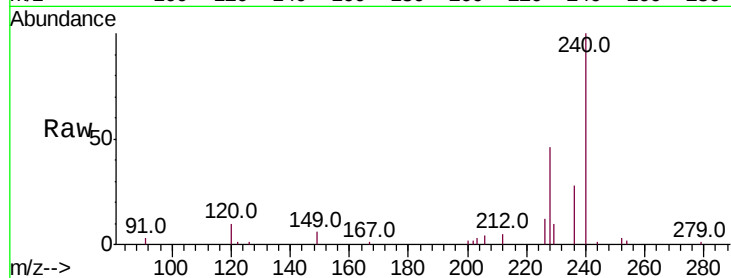




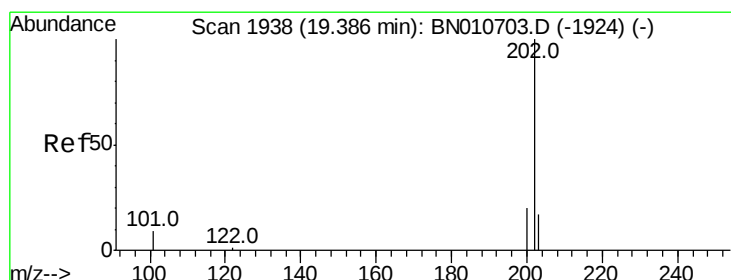
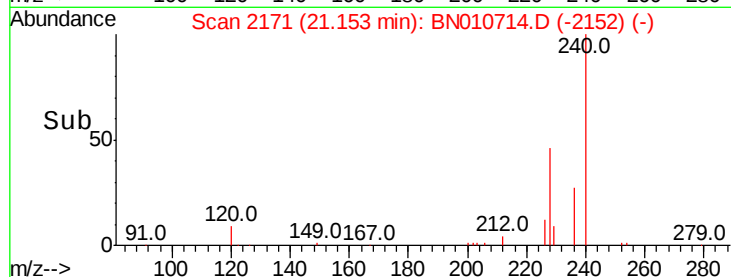
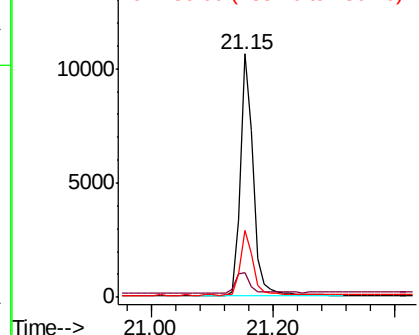
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010714.D
Acq: 14 May 2020 16:16

Instrument :
BNA_N
ClientSampleId :
PB128648BS

Tot Ion:240 Resp: 15691
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 27.6 22.5 33.7

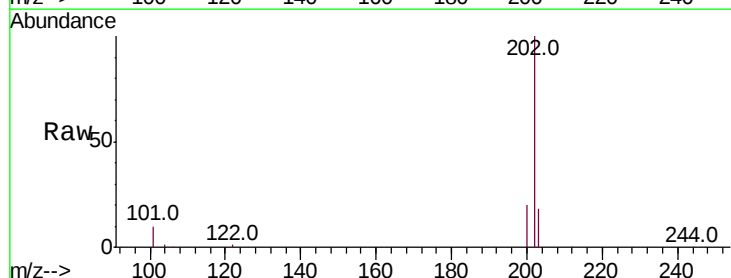


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

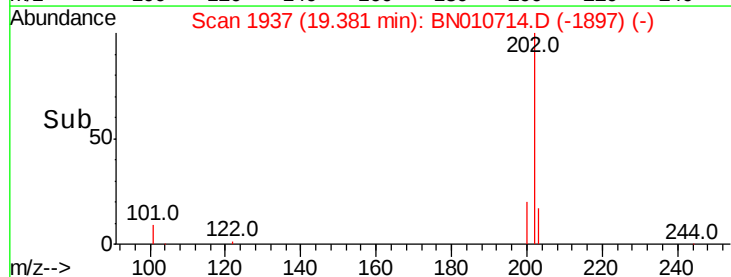
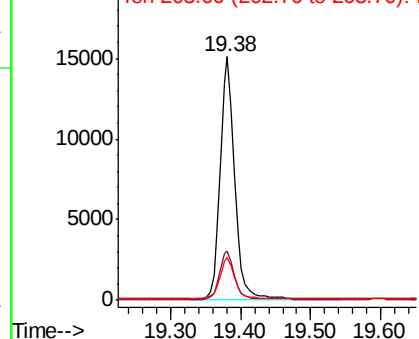


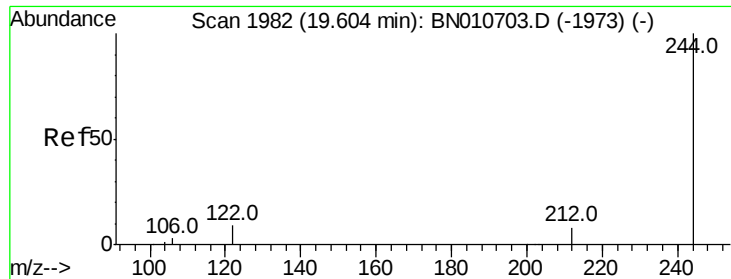
#28
Pyrene
Concen: 0.382 ng
RT: 19.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BN010714.D
Acq: 14 May 2020 16:16

Tgt Ion:202 Resp: 21507
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.6 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: 0.484 ng

RT: 19.60 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

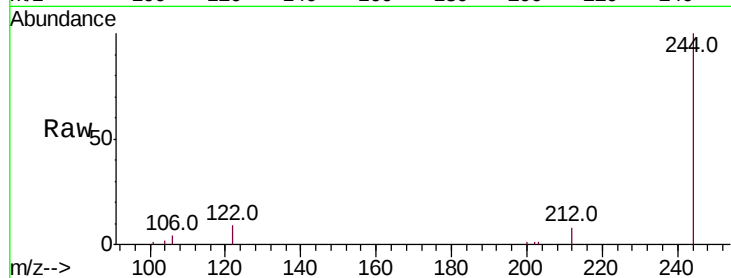
Tot Ion:244 Resp: 18022

Ion Ratio Lower Upper

244 100

212 8.2 6.8 10.2

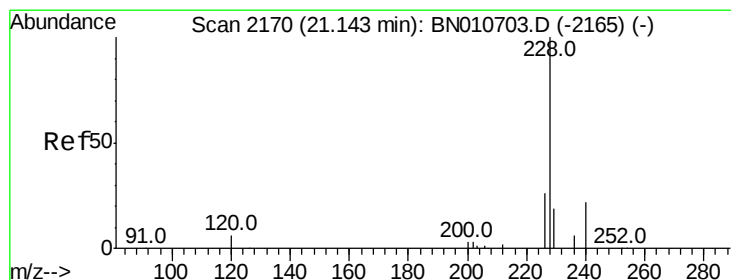
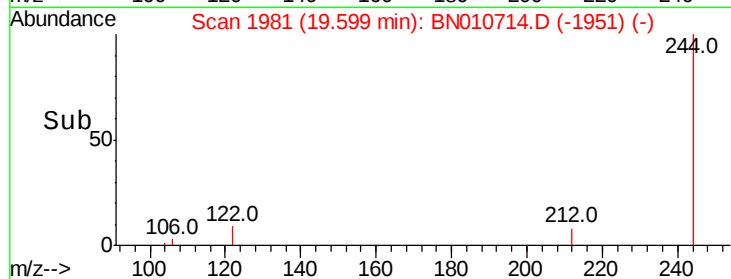
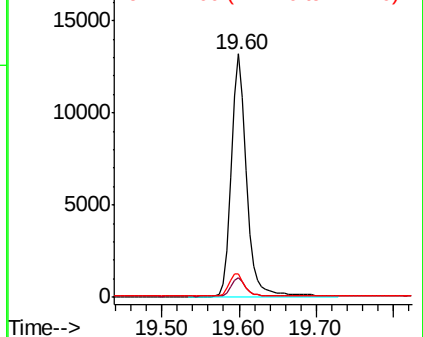
122 9.4 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.384 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

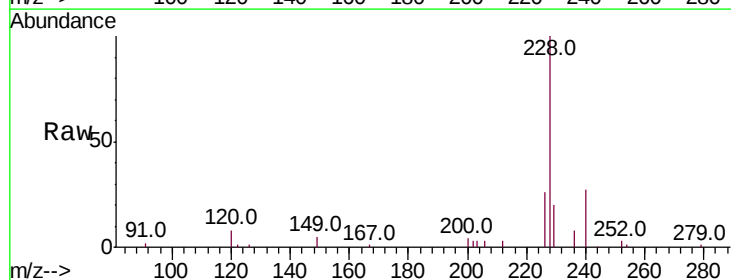
Tgt Ion:228 Resp: 17555

Ion Ratio Lower Upper

228 100

226 26.4 21.3 31.9

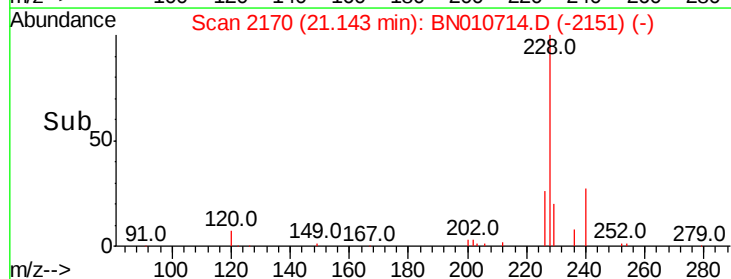
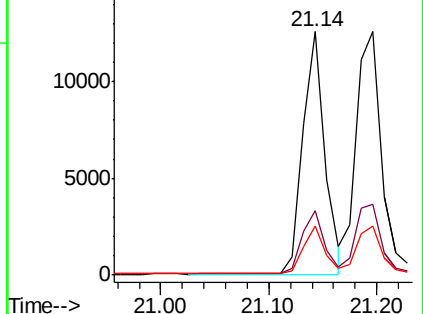
229 20.2 16.0 24.0

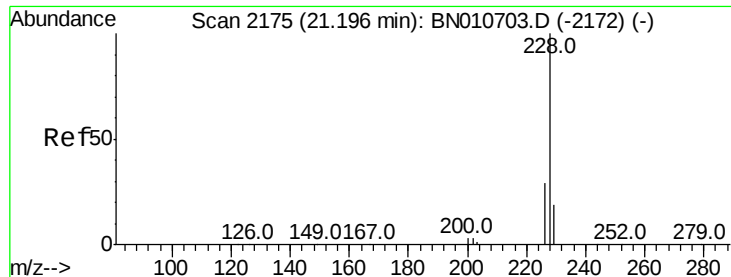


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

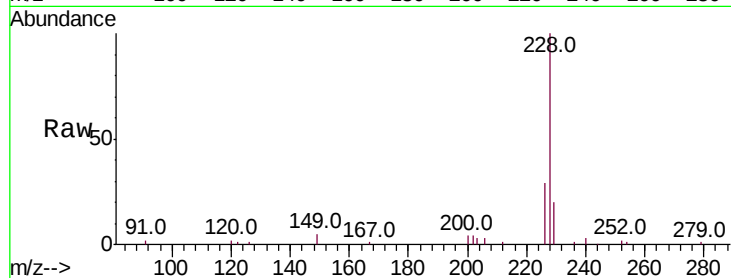
BNA_N

ClientSampleId :

PB128648BS

Tot Ion:228 Resp: 20163

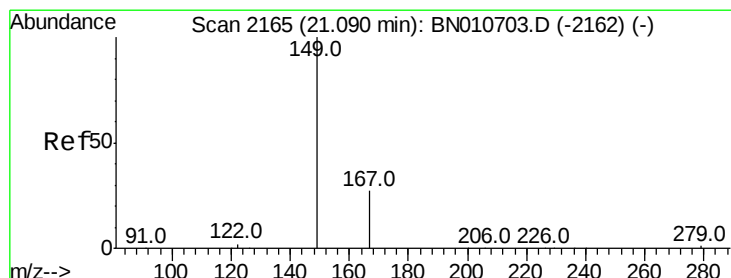
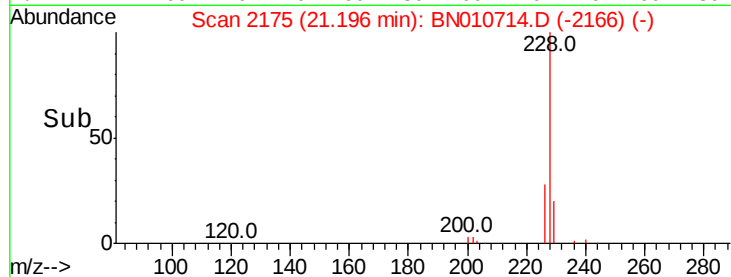
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.0
229	20.3	16.1	24.1



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: 0.374 ng

RT: 21.09 min Scan# 2165

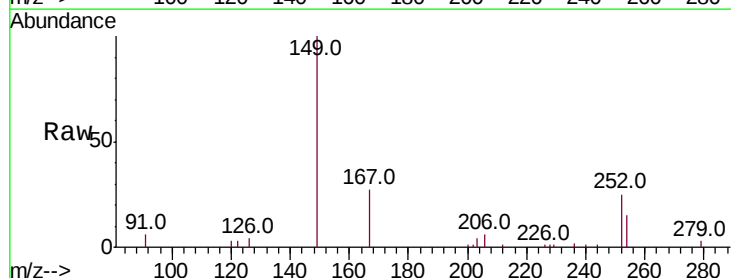
Delta R.T. -0.01 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Tgt Ion:149 Resp: 7503

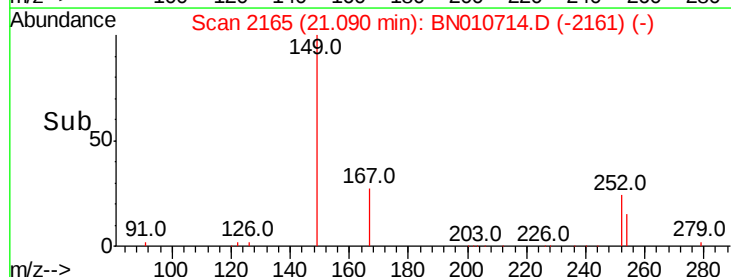
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	5.1	4.1	6.1

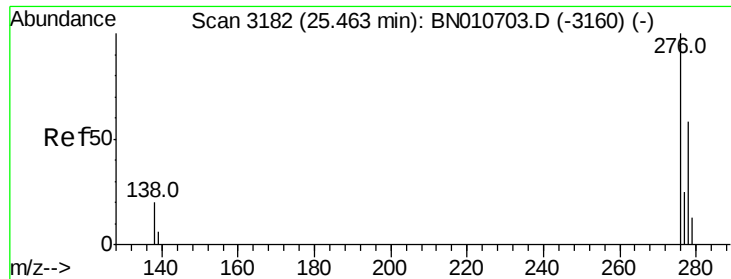


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.387 ng

RT: 25.46 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

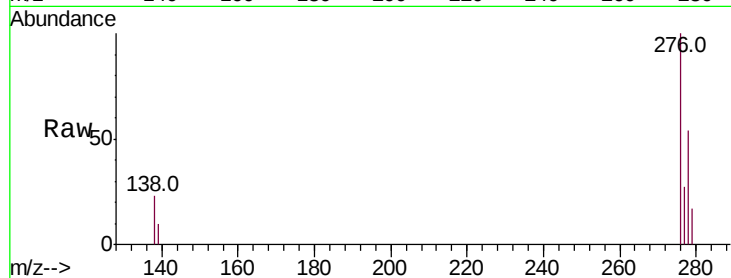
Tot Ion:276 Resp: 17841

Ion Ratio Lower Upper

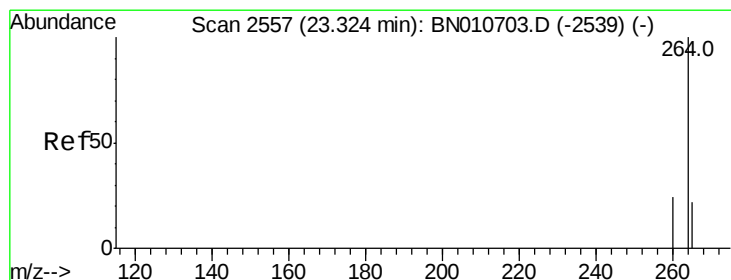
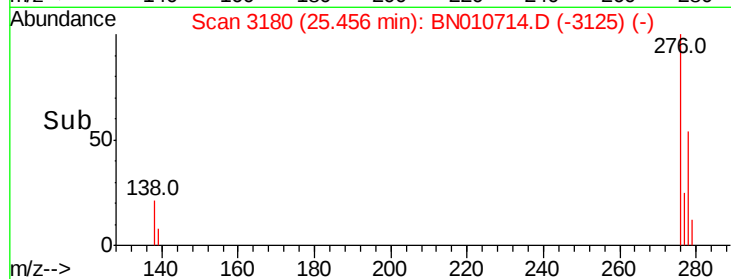
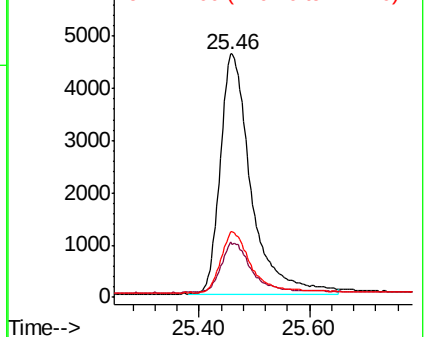
276 100

138 20.0 15.1 22.7

277 24.4 19.4 29.0



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: 23.32 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

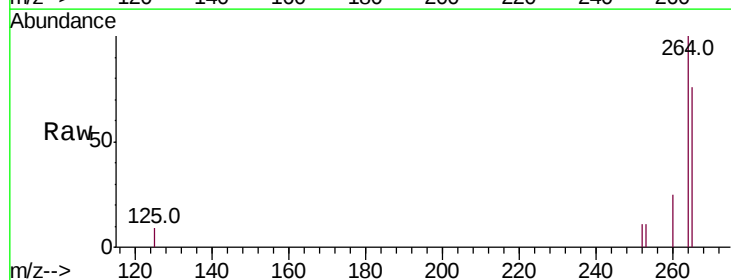
Tgt Ion:264 Resp: 14003

Ion Ratio Lower Upper

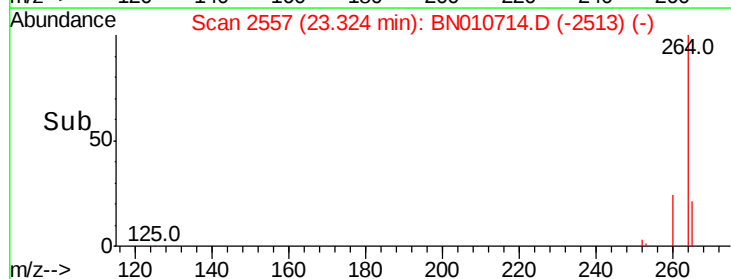
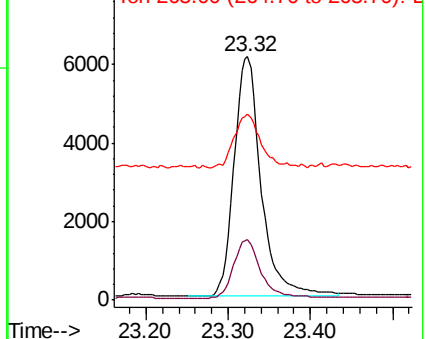
264 100

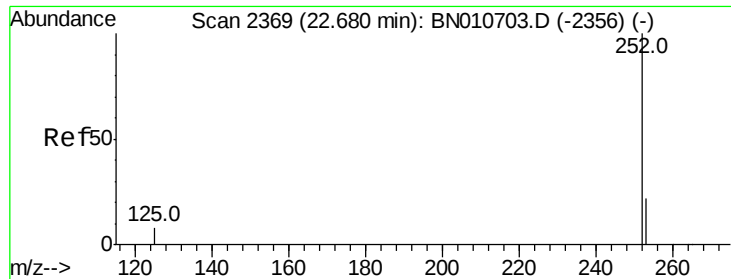
260 24.7 19.6 29.4

265 76.4 70.1 105.1



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

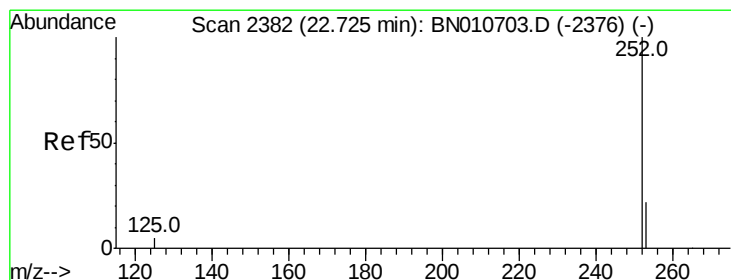
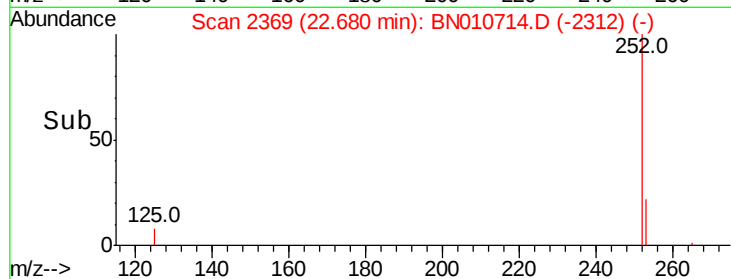
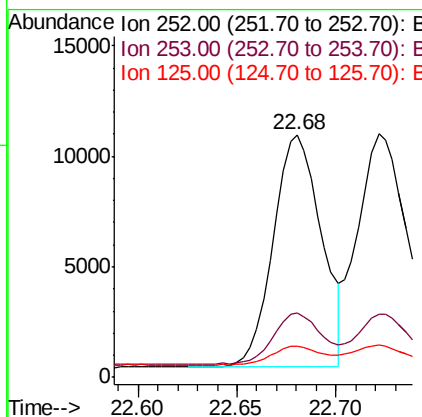
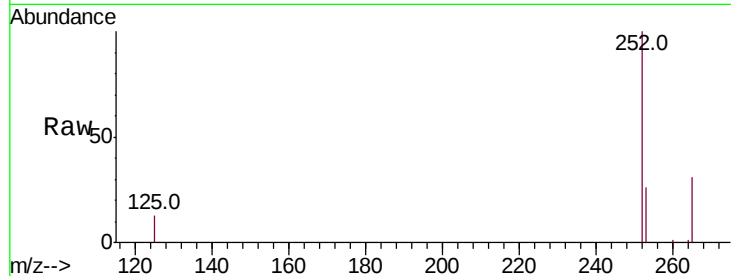




#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BN010714.D
Acq: 14 May 2020 16:16

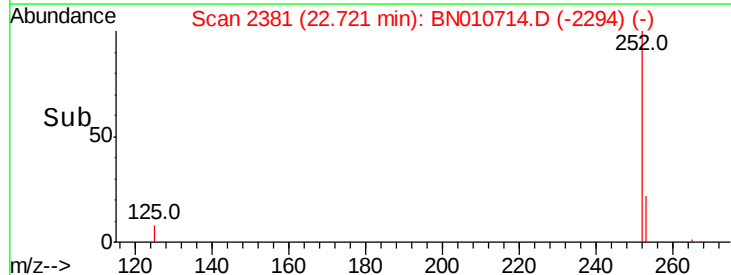
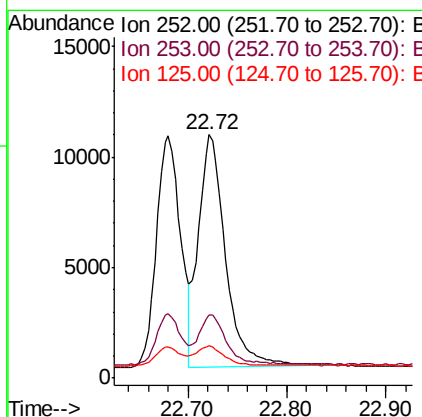
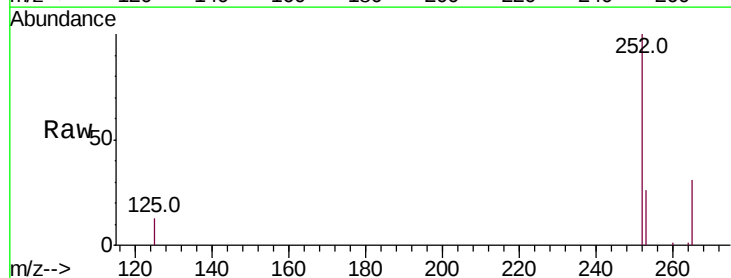
Instrument :
BNA_N
ClientSampleId :
PB128648BS

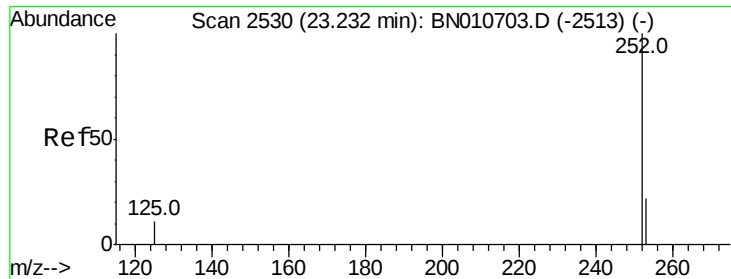
Tot Ion:252 Resp: 17750
Ion Ratio Lower Upper
252 100
253 26.4 22.0 33.0
125 12.7 10.8 16.2



#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BN010714.D
Acq: 14 May 2020 16:16

Tgt Ion:252 Resp: 20002
Ion Ratio Lower Upper
252 100
253 26.0 21.9 32.9
125 13.1 11.1 16.7





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

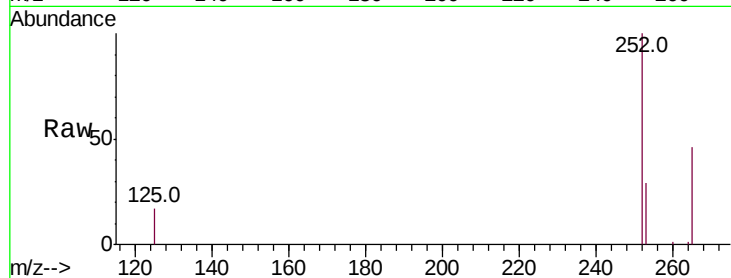
Tot Ion:252 Resp: 15932

Ion Ratio Lower Upper

252 100

253 28.6 24.8 37.2

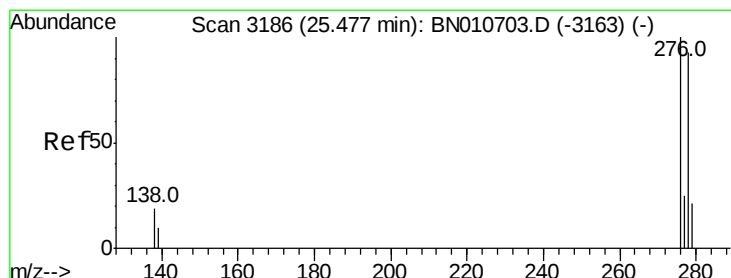
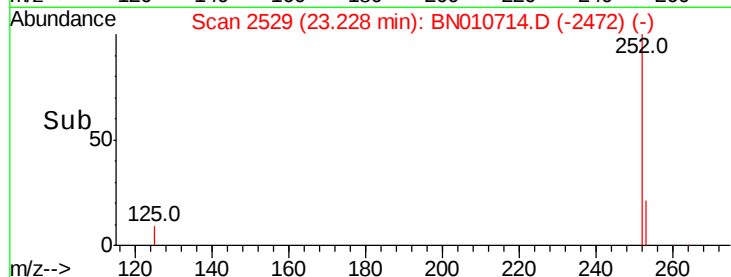
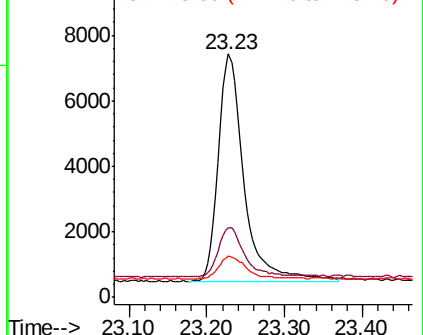
125 16.8 15.8 23.6



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: 0.424 ng

RT: 25.48 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

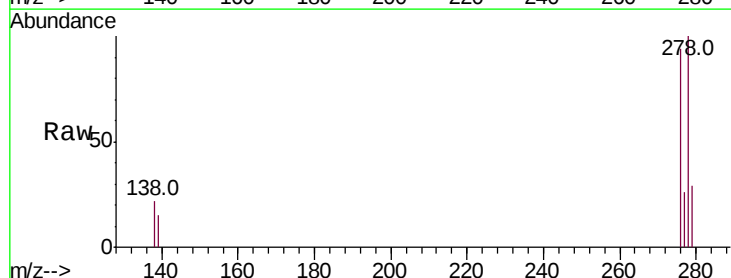
Tgt Ion:278 Resp: 14525

Ion Ratio Lower Upper

278 100

139 15.4 13.0 19.4

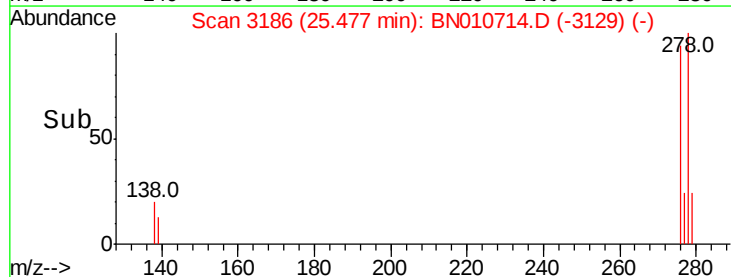
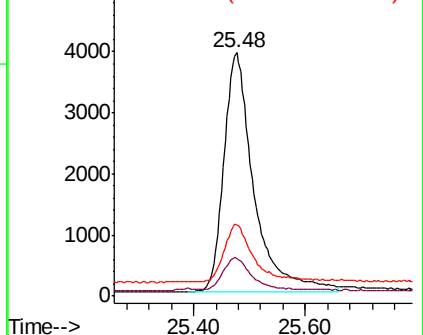
279 29.0 25.1 37.7

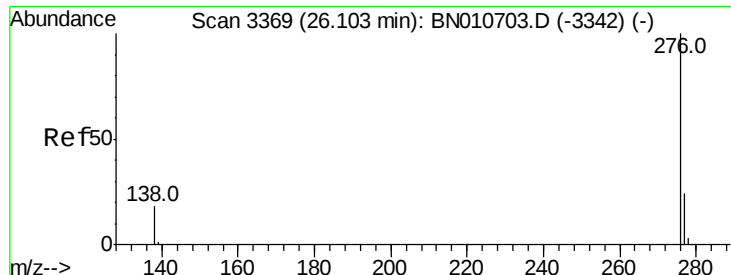


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.430 ng

RT: 26.10 min Scan# 3369

Delta R.T. -0.00 min

Lab File: BN010714.D

Acq: 14 May 2020 16:16

Instrument :

BNA_N

ClientSampleId :

PB128648BS

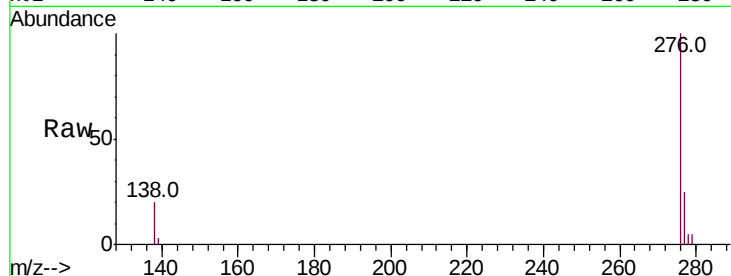
Tot Ion:276 Resp: 17280

Ion Ratio Lower Upper

276 100

277 25.3 20.6 30.8

138 20.2 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

