

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042120\
 Data File : BN010561.D
 Acq On : 21 Apr 2020 11:56
 Operator : CG/JU
 Sample : PB128376BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128376BS

Quant Time: Apr 21 13:20:55 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 Apr 21 13:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3385	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	13943	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	8890	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	20510	0.40	ng	0.00
27) Chrysene-d12	21.18	240	18878	0.40	ng	0.00
34) Perylene-d12	23.35	264	16068	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2750	0.37	ng	0.00
5) Phenol-d6	6.78	99	3412	0.35	ng	0.00
8) Nitrobenzene-d5	8.72	82	3373	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	11615	0.51	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1178	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	12018	0.37	ng	0.00
25) Fluoranthene-d10	19.01	212	20555	0.33	ng	0.00
29) Terphenyl-d14	19.62	244	16246	0.38	ng	0.00

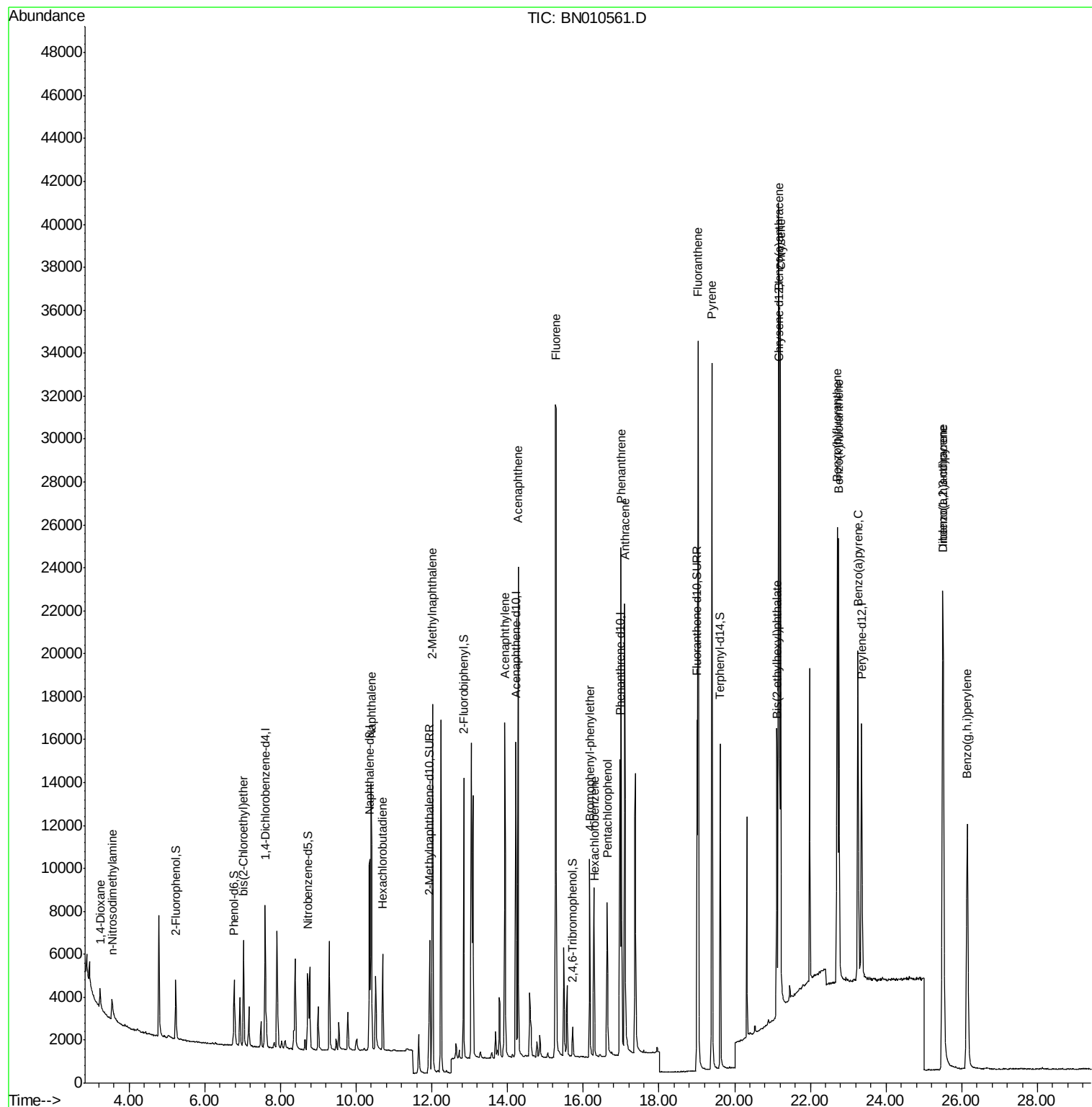
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	853	0.342	ng	# 87
3) n-Nitrosodimethylamine	3.55	42	926	0.573	ng	# 87
6) bis(2-Chloroethyl)ether	7.03	93	4150	0.494	ng	98
9) Naphthalene	10.39	128	16743	0.483	ng	99
10) Hexachlorobutadiene	10.70	225	3716	0.445	ng	# 99
12) 2-Methylnaphthalene	12.02	142	12377	0.498	ng	99
16) Acenaphthylene	13.93	152	17842	0.465	ng	99
17) Acenaphthene	14.28	154	11933	0.484	ng	100
18) Fluorene	15.27	166	15785	0.488	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	5108	0.448	ng	99
21) Hexachlorobenzene	16.29	284	6203	0.477	ng	98
22) Pentachlorophenol	16.63	266	4403	0.861	ng	97
23) Phenanthrene	17.00	178	27336	0.493	ng	100
24) Anthracene	17.10	178	23724	0.469	ng	99
26) Fluoranthene	19.04	202	32629	0.473	ng	99
28) Pyrene	19.40	202	32515	0.512	ng	100
30) Benzo(a)anthracene	21.17	228	27369	0.444	ng	98
31) Chrysene	21.21	228	30439	0.496	ng	99
32) Bis(2-ethylhexyl)phthalate	21.12	149	10609	0.336	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	28276	0.521	ng	99
35) Benzo(b)fluoranthene	22.71	252	26934	0.509	ng	98
36) Benzo(k)fluoranthene	22.75	252	27077	0.511	ng	99
37) Benzo(a)pyrene	23.26	252	23684	0.506	ng	97
38) Dibenzo(a,h)anthracene	25.51	278	23200	0.542	ng	98
39) Benzo(g,h,i)perylene	26.15	276	24786	0.575	ng	98

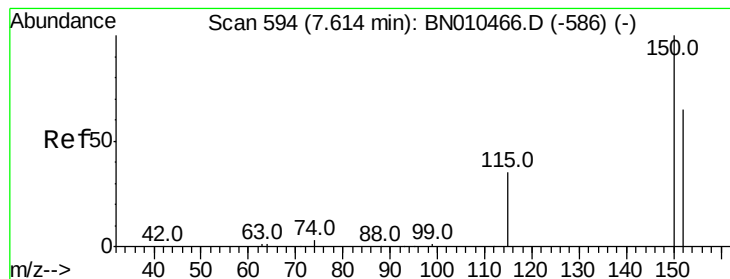
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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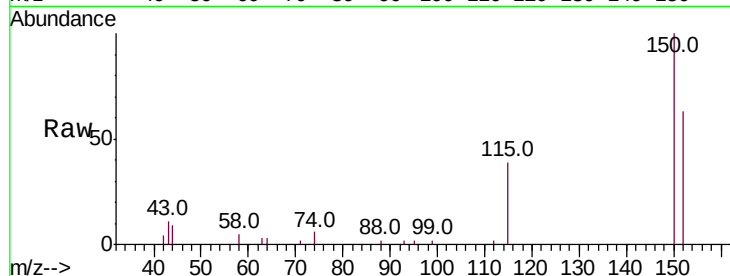


#1

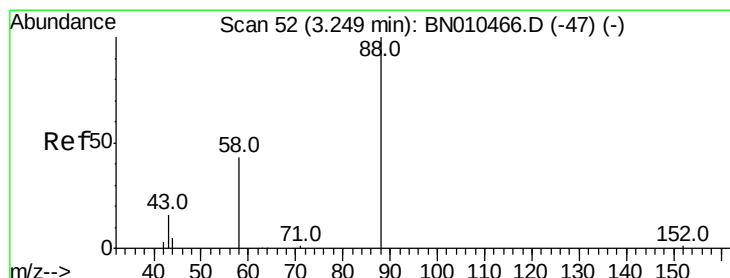
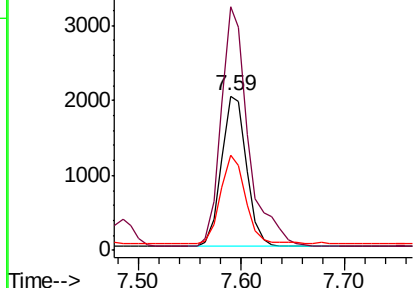
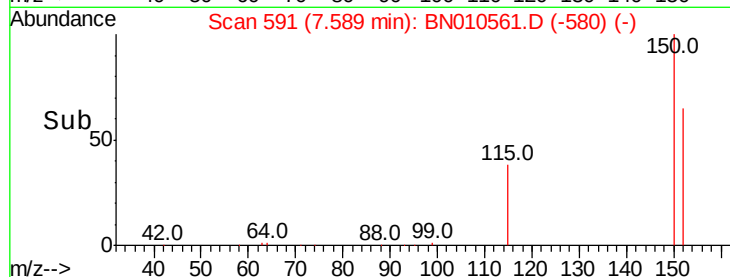
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.01 min
Lab File: BN010561.D
Acq: 21 Apr 2020 11:56

Instrument :
BNA_N
ClientSampleId :
PB128376BS

Tot Ion:152 Resp: 3385
Ion Ratio Lower Upper
152 100
150 157.6 121.8 182.6
115 61.7 45.5 68.3



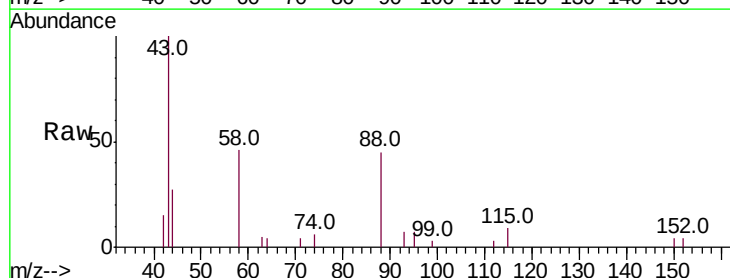
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



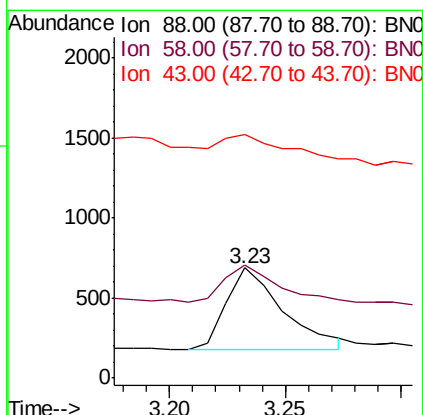
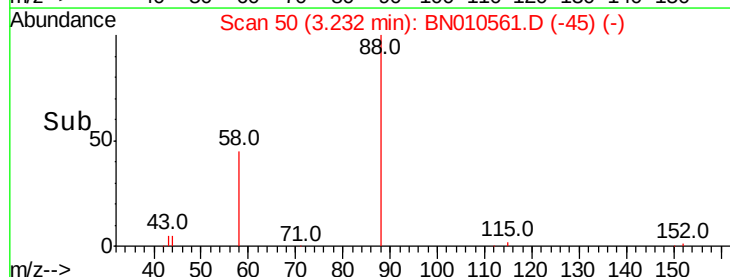
#2

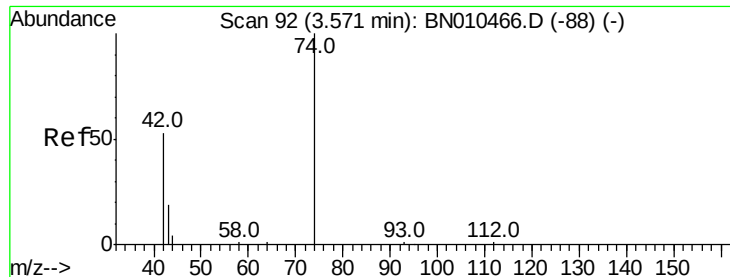
1,4-Dioxane
Concen: 0.342 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010561.D
Acq: 21 Apr 2020 11:56

Tgt Ion: 88 Resp: 853
Ion Ratio Lower Upper
88 100
58 42.1 36.5 54.7
43 31.1 13.2 19.8#



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: 0.573 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.02 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

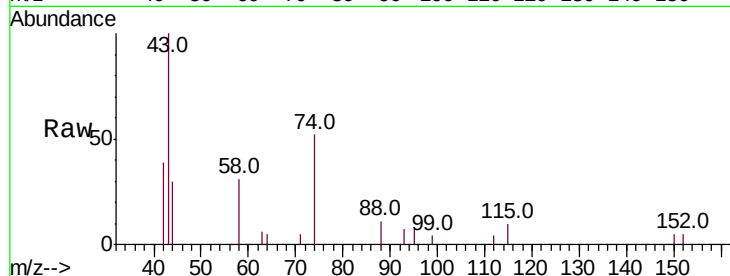
Tot Ion: 42 Resp: 926

Ion Ratio Lower Upper

42 100

74 182.5 162.2 243.4

44 7.7 2.4 3.6#

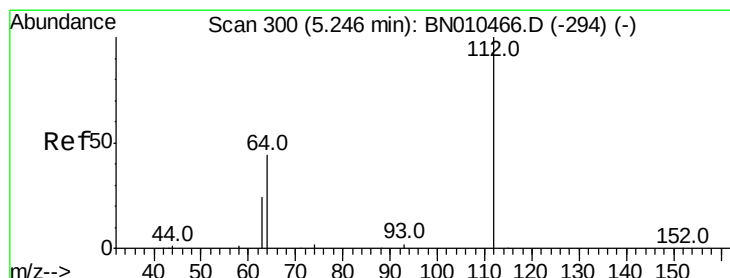
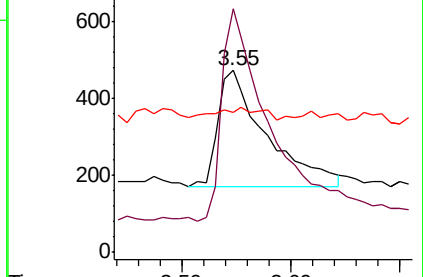
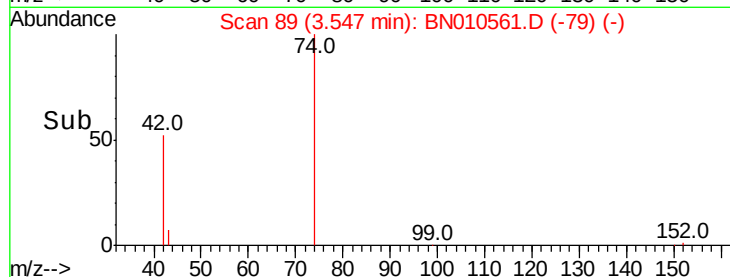


Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0

Time-->



#4

2-Fluorophenol

Concen: 0.371 ng

RT: 5.24 min Scan# 299

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

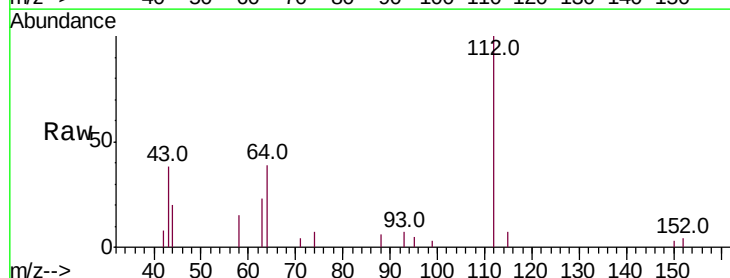
Tgt Ion:112 Resp: 2750

Ion Ratio Lower Upper

112 100

64 45.7 35.8 53.8

63 24.4 19.9 29.9

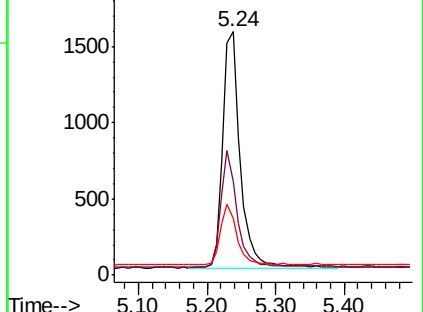
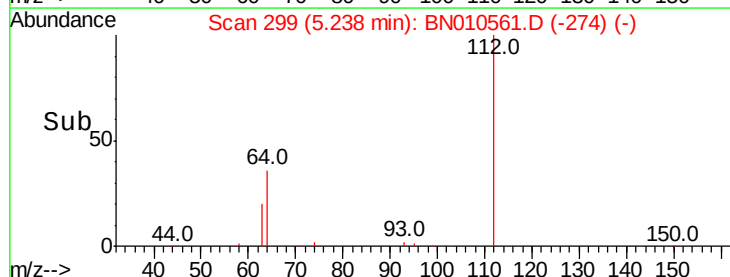


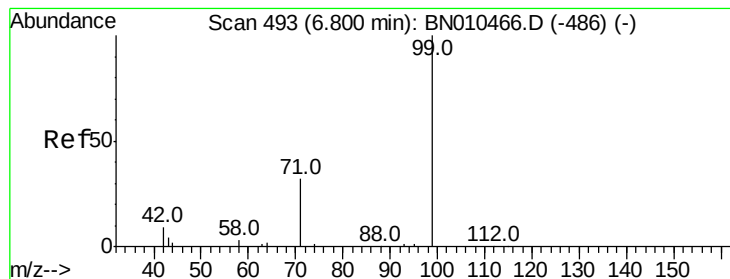
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Time-->





#5

Phenol-d6

Concen: 0.352 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

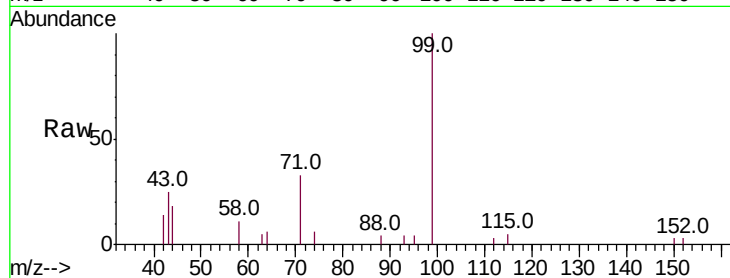
Tot Ion: 99 Resp: 3412

Ion Ratio Lower Upper

99 100

42 13.6 9.8 14.6

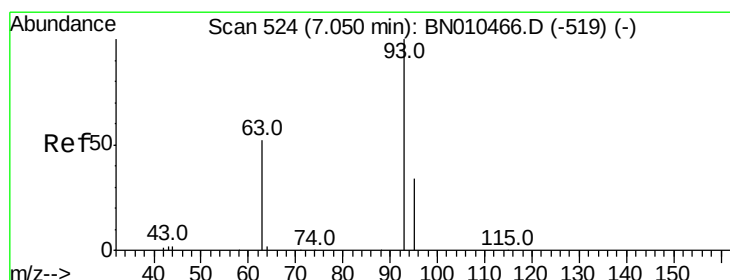
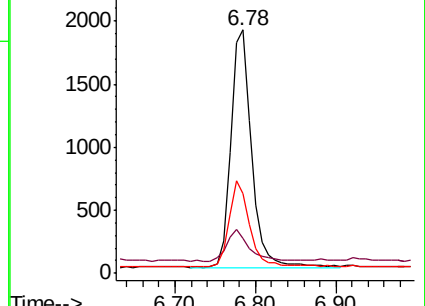
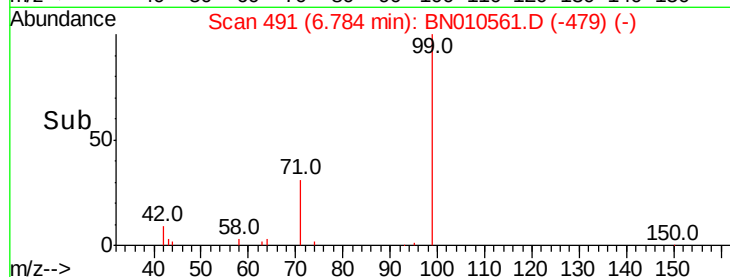
71 35.1 27.8 41.8



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: 0.494 ng

RT: 7.03 min Scan# 521

Delta R.T. -0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

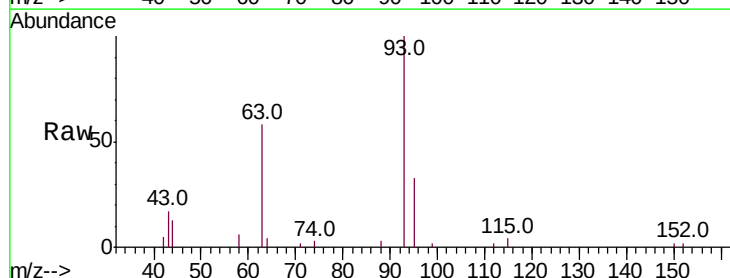
Tgt Ion: 93 Resp: 4150

Ion Ratio Lower Upper

93 100

63 57.3 44.6 66.8

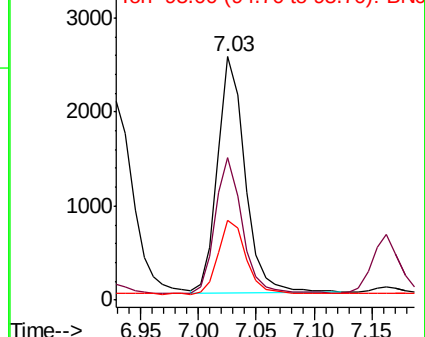
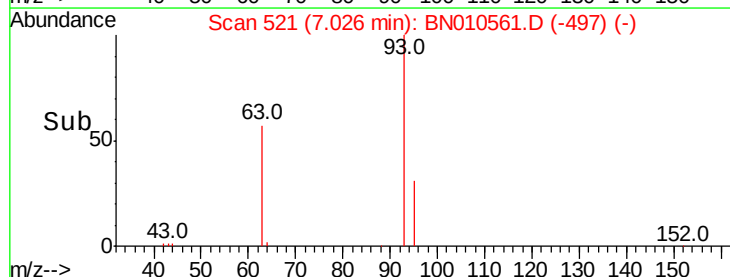
95 32.6 26.5 39.7

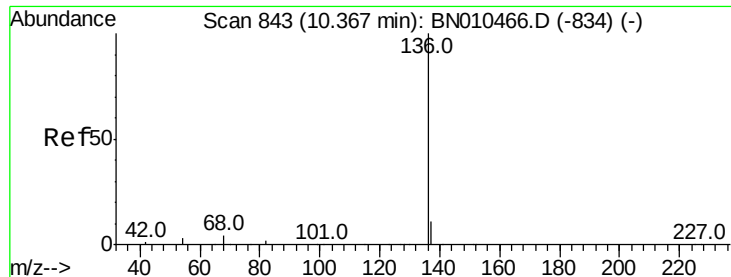


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

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: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

Tot Ion:136 Resp: 13943

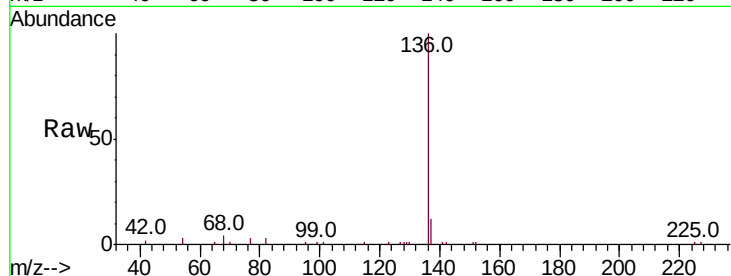
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 3.0 2.6 4.0

68 3.5 3.4 5.2

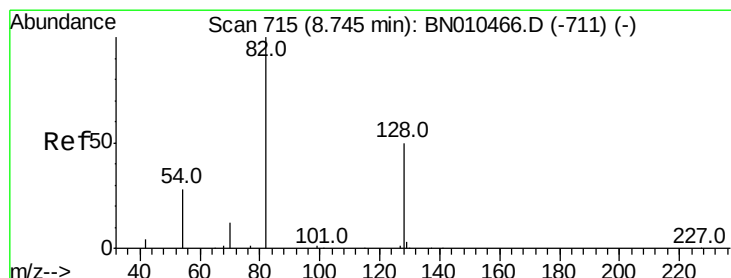
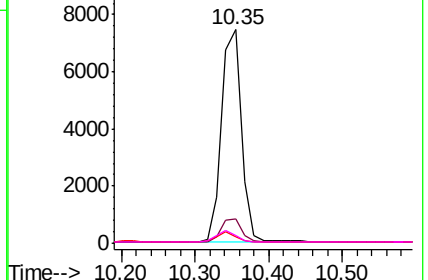
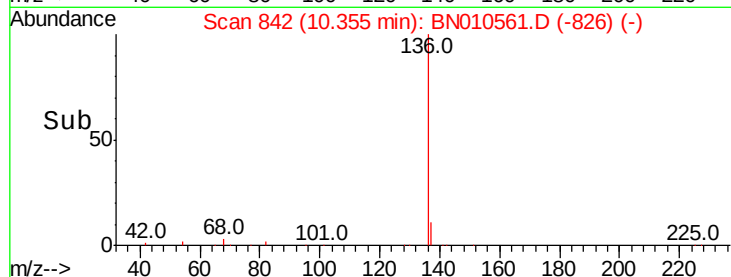


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

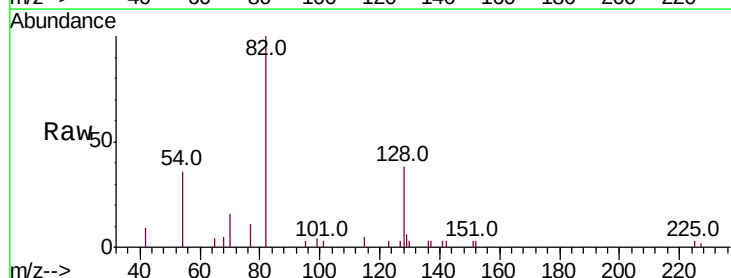
Tgt Ion: 82 Resp: 3373

Ion Ratio Lower Upper

82 100

128 38.2 41.3 61.9#

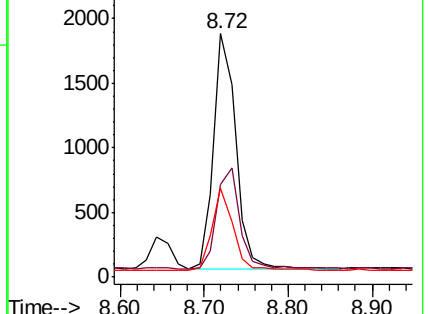
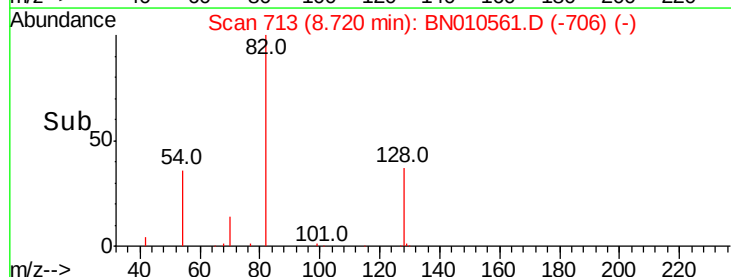
54 36.4 23.4 35.0#

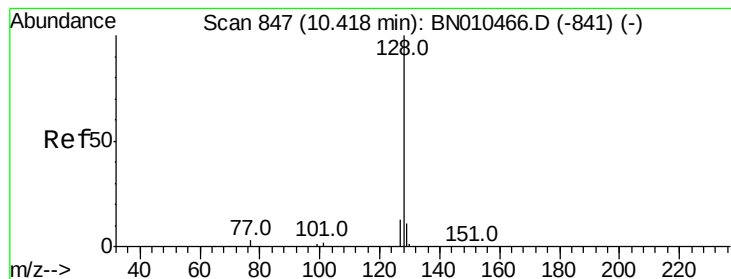


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.483 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

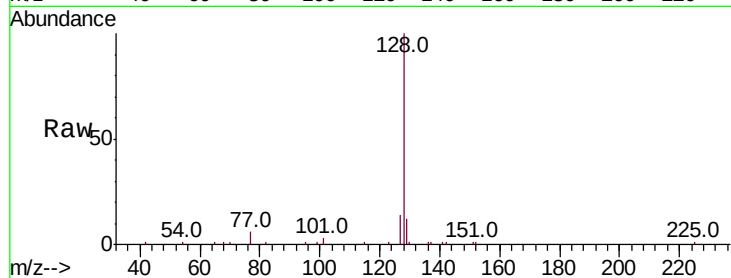
Tot Ion:128 Resp: 16743

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

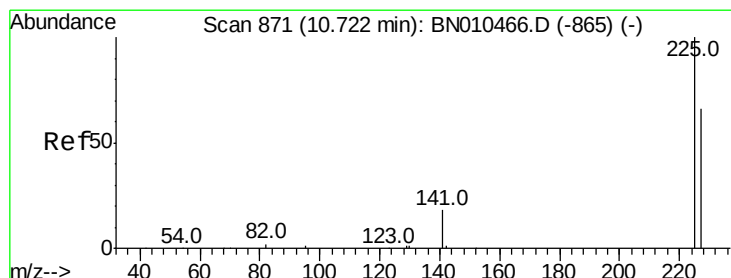
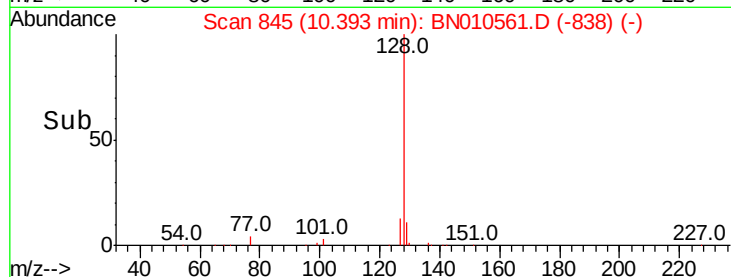
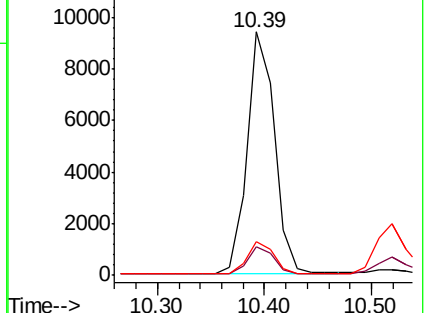
127 13.8 10.5 15.7



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: 0.445 ng

RT: 10.70 min Scan# 869

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

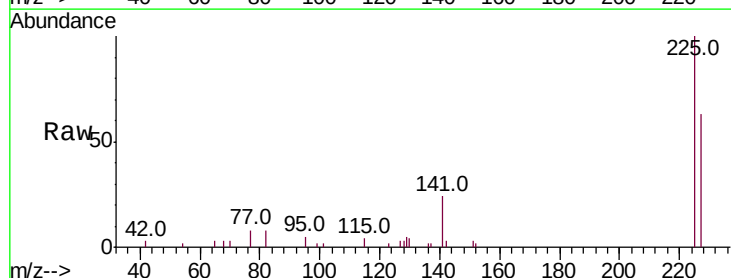
Tgt Ion:225 Resp: 3716

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

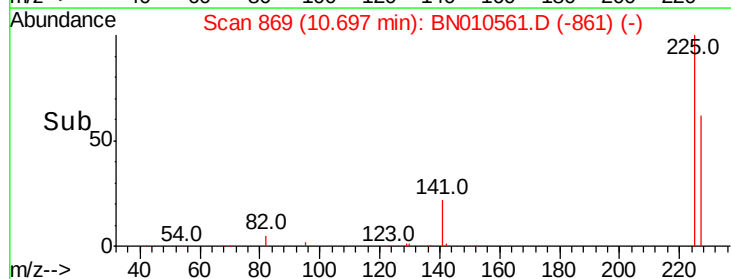
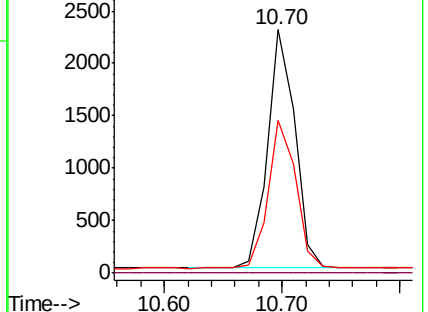
227 62.4 50.6 76.0

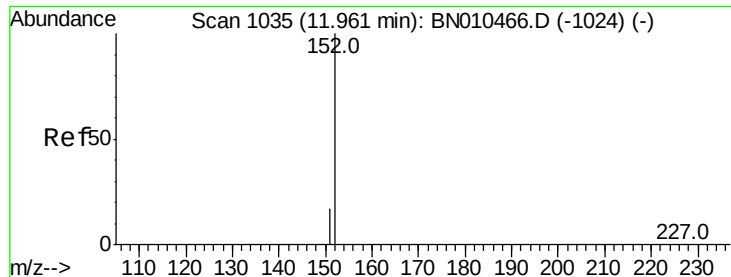


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

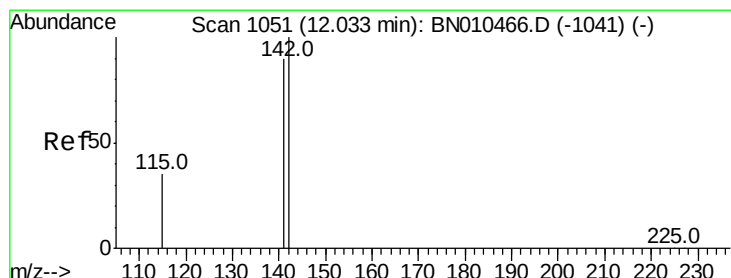
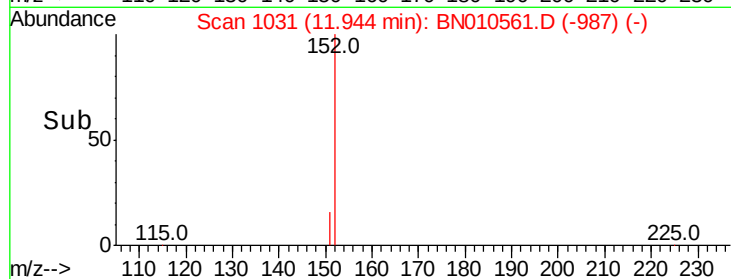
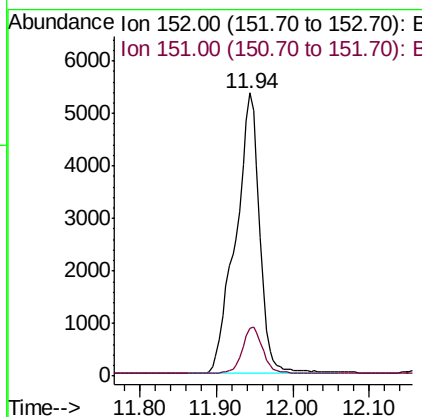
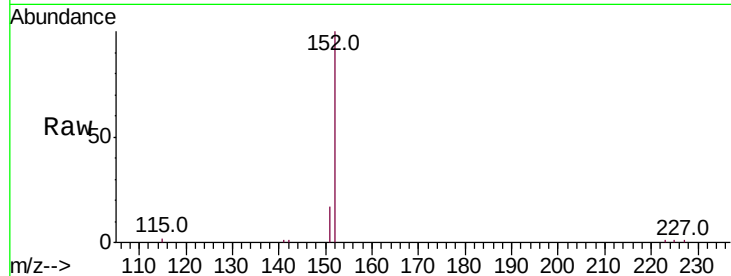




#11
2-Methylnaphthalene-d10
Concen: 0.507 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BN010561.D
Acq: 21 Apr 2020 11:56

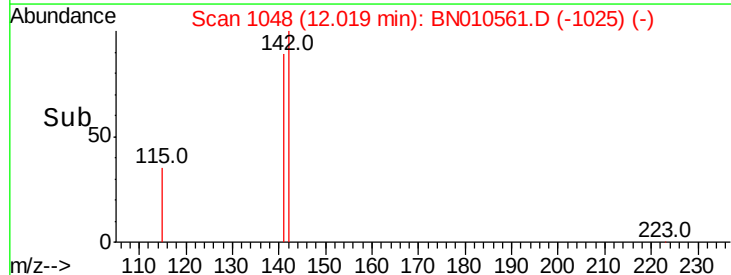
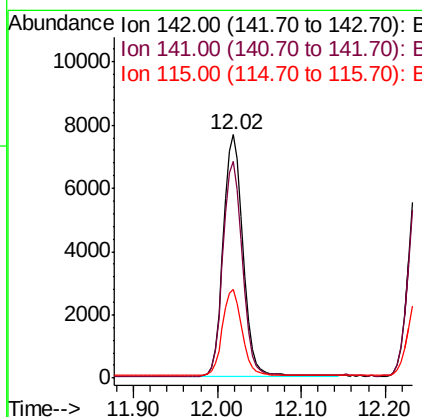
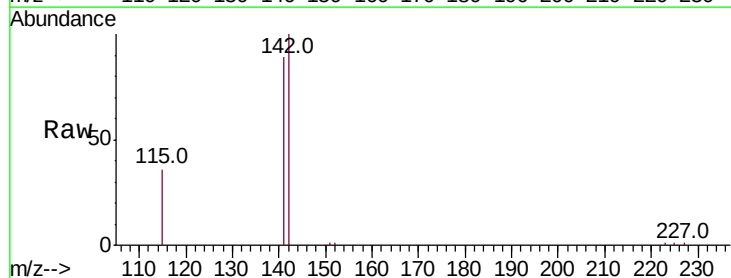
Instrument :
BNA_N
ClientSampleId :
PB128376BS

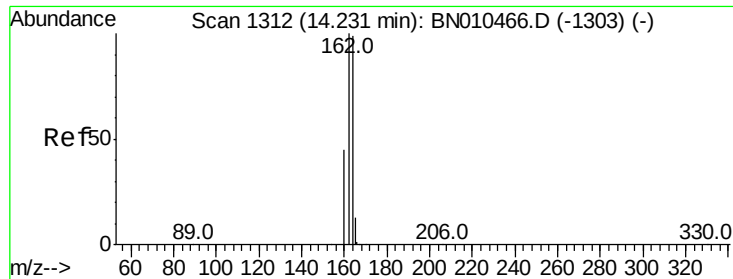
Tot Ion:152 Resp: 11615
Ion Ratio Lower Upper
152 100
151 13.7 15.3 22.9#



#12
2-Methylnaphthalene
Concen: 0.498 ng
RT: 12.02 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BN010561.D
Acq: 21 Apr 2020 11:56

Tgt Ion:142 Resp: 12377
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9
115 36.4 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

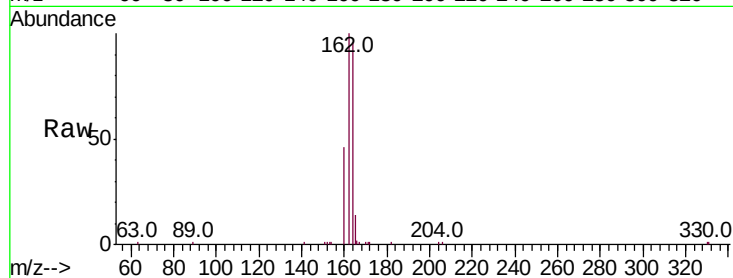
Tot Ion:164 Resp: 8890

Ion Ratio Lower Upper

164 100

162 103.6 80.6 121.0

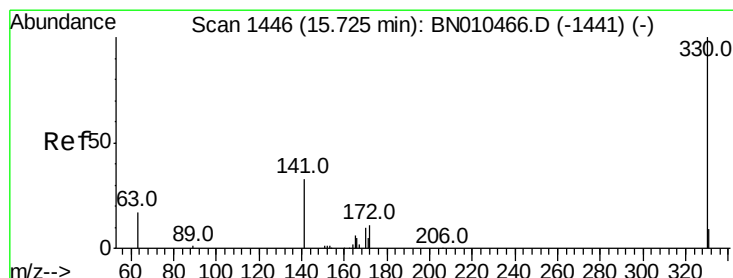
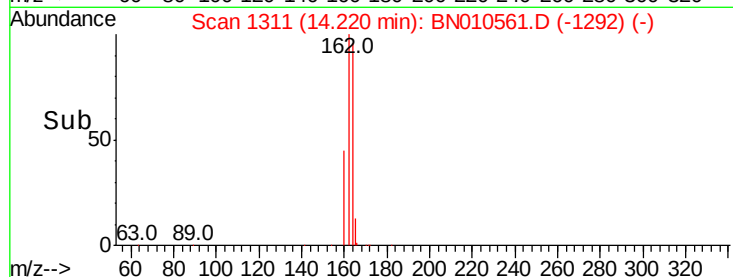
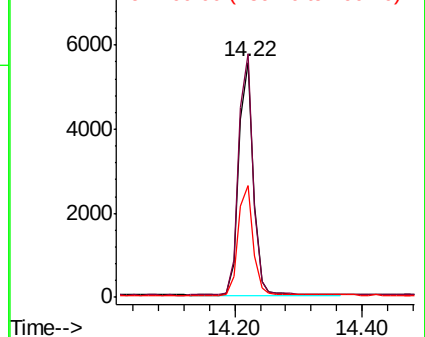
160 47.5 36.5 54.7



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: 0.281 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

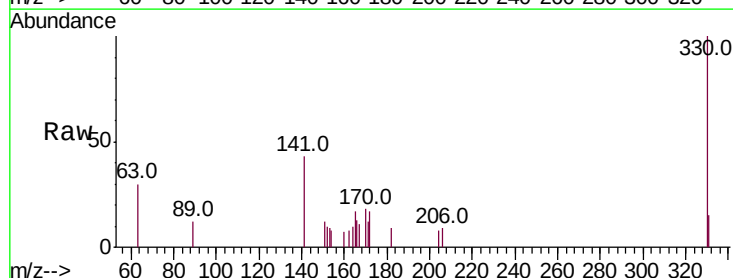
Tgt Ion:330 Resp: 1178

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

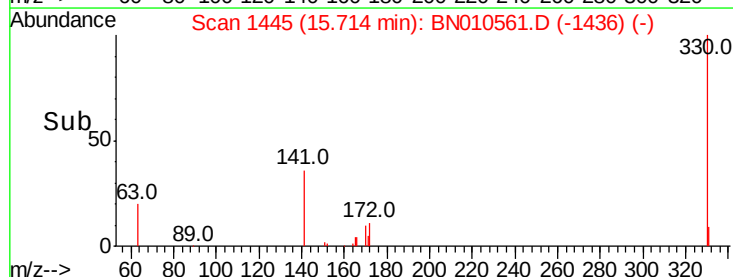
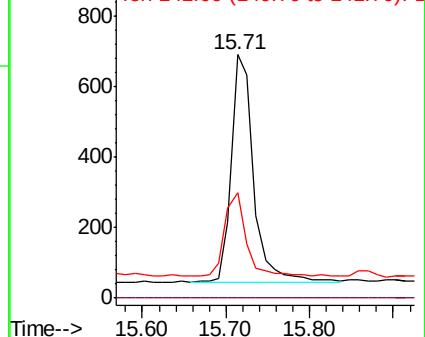
141 36.3 28.1 42.1

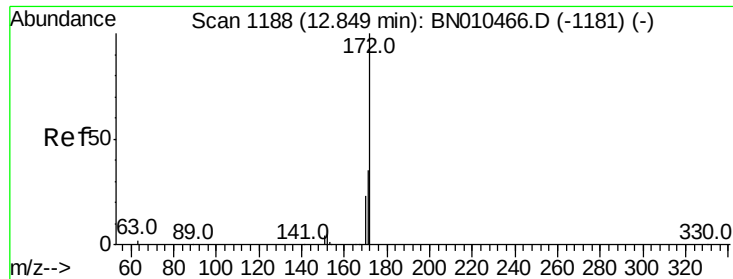


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

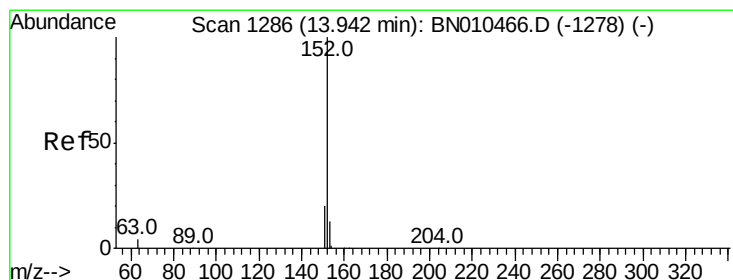
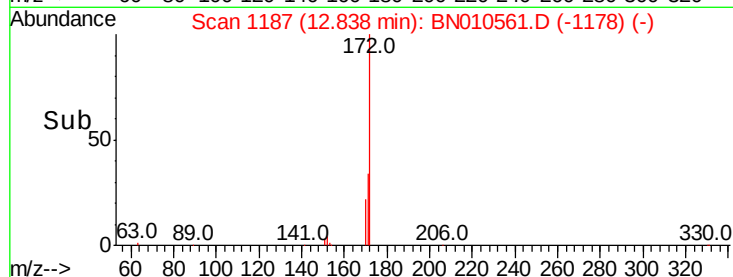
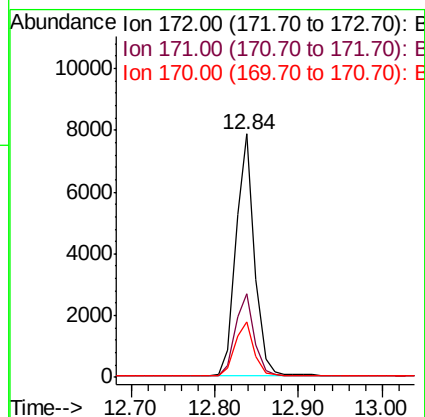
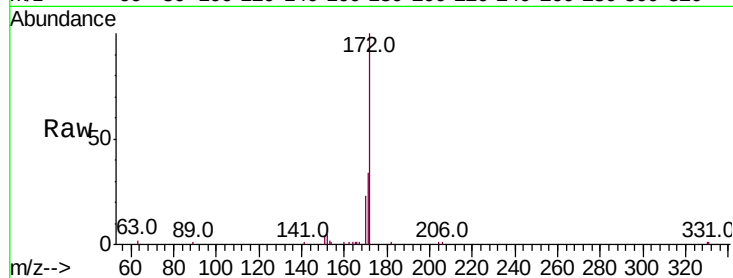




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.84 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN010561.D
Acq: 21 Apr 2020 11:56

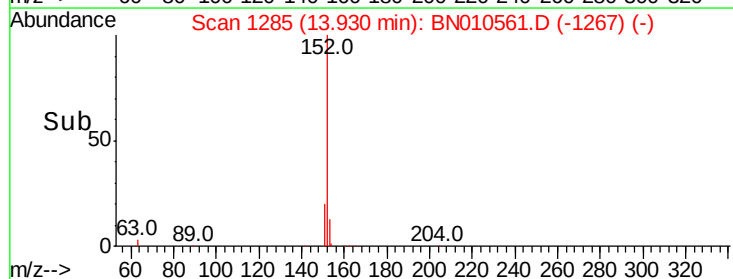
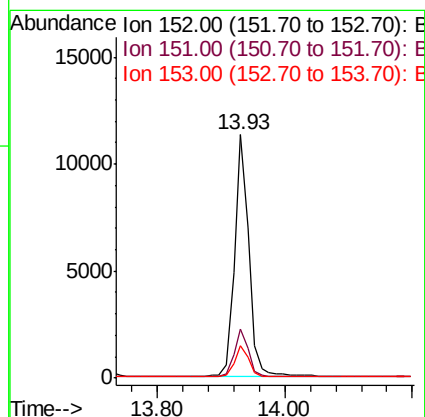
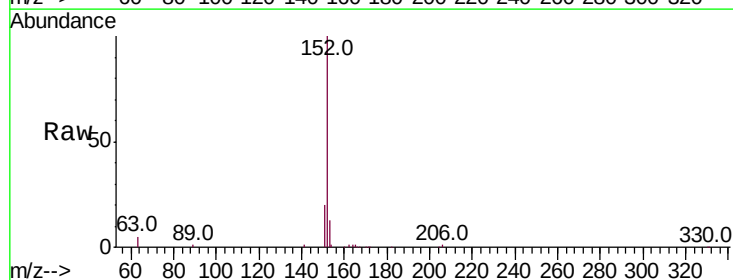
Instrument :
BNA_N
ClientSampleId :
PB128376BS

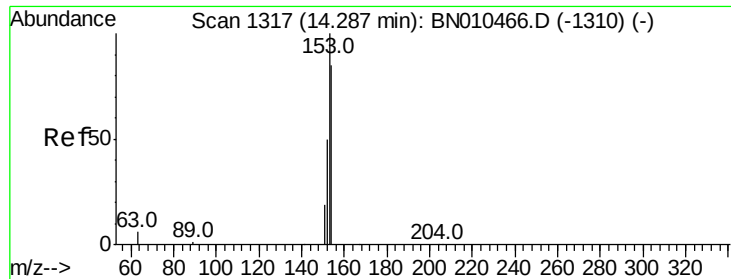
Tot Ion:172 Resp: 12018
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 22.7 18.4 27.6



#16
Acenaphthylene
Concen: 0.465 ng
RT: 13.93 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BN010561.D
Acq: 21 Apr 2020 11:56

Tgt Ion:152 Resp: 17842
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.8 10.6 15.8





#17

Acenaphthene

Concen: 0.484 ng

RT: 14.28 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

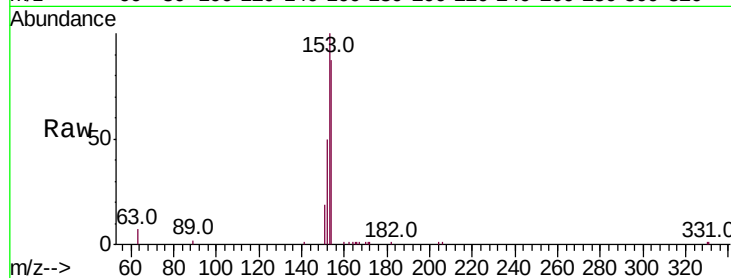
Tot Ion:154 Resp: 11933

Ion Ratio Lower Upper

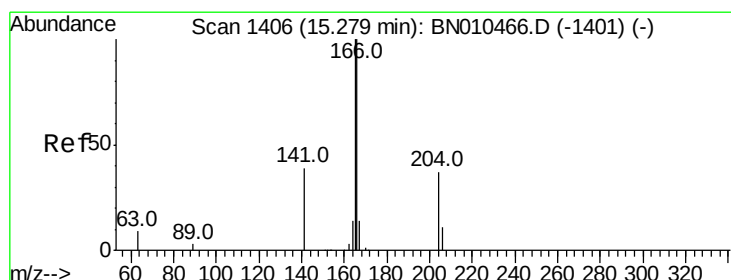
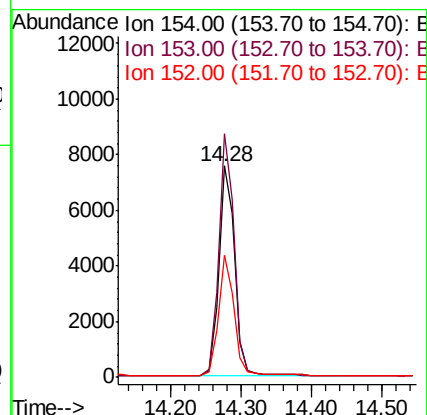
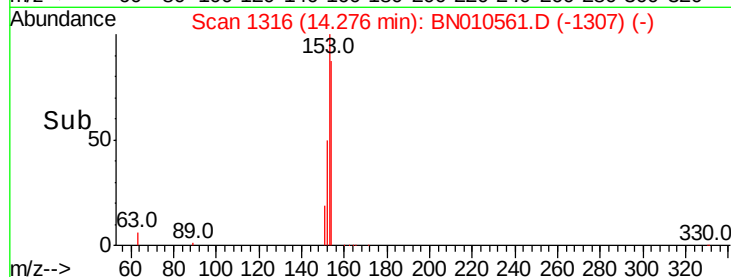
154 100

153 113.5 91.0 136.4

152 56.1 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: 0.488 ng

RT: 15.27 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

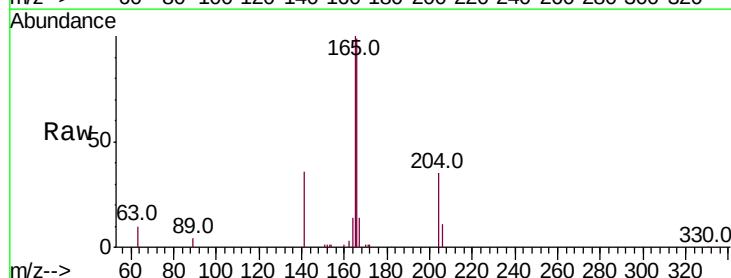
Tgt Ion:166 Resp: 15785

Ion Ratio Lower Upper

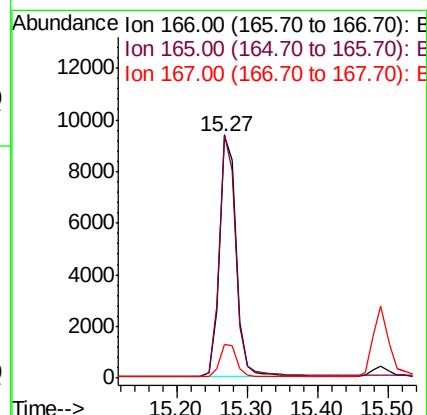
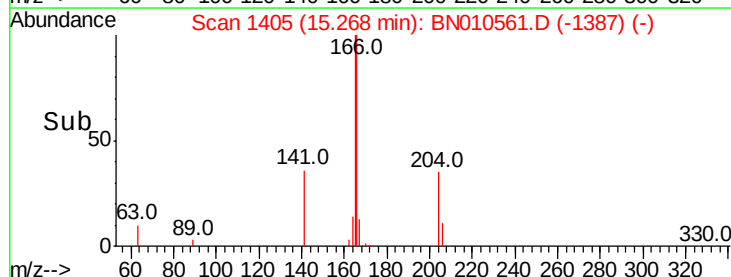
166 100

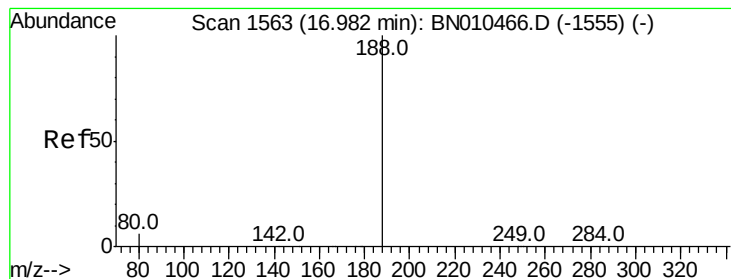
165 98.4 78.4 117.6

167 13.6 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: 0.400 ng

RT: 16.97 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

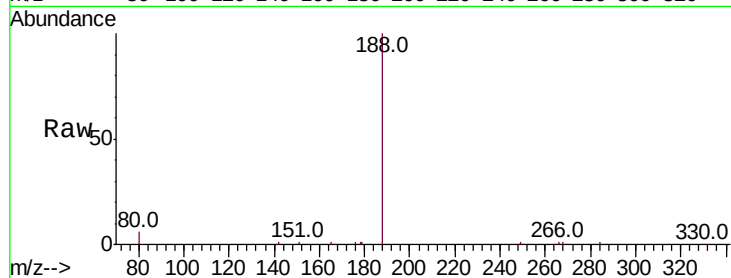
Tot Ion:188 Resp: 20510

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

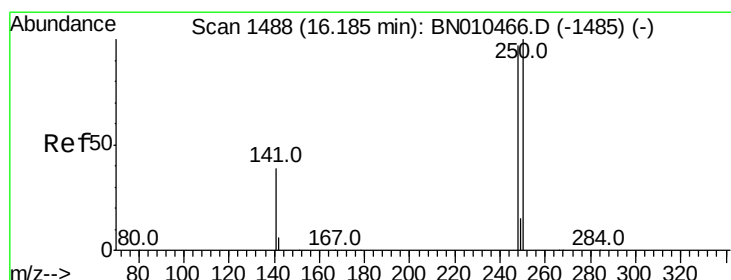
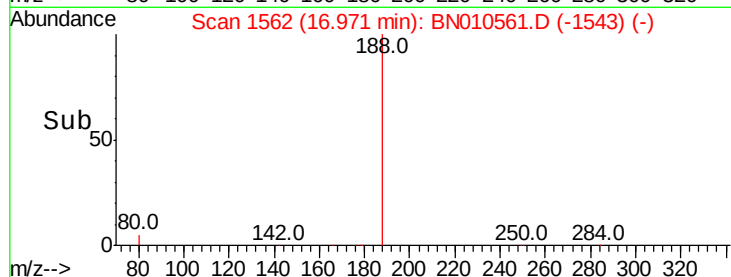
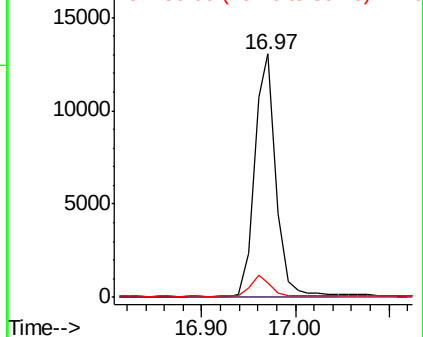
80 5.9 5.0 7.6



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: 0.448 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

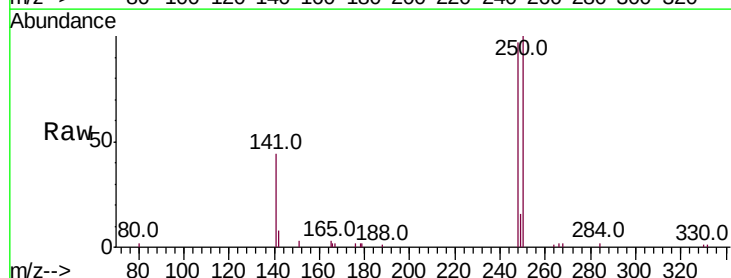
Tgt Ion:248 Resp: 5108

Ion Ratio Lower Upper

248 100

250 103.1 82.3 123.5

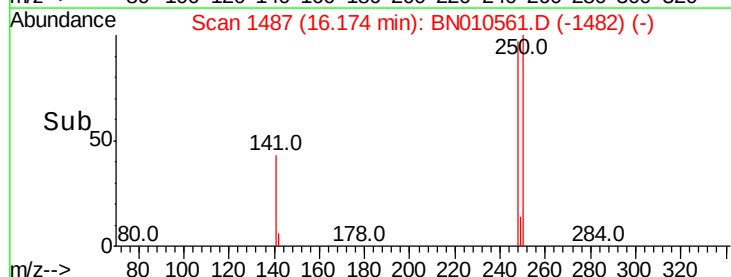
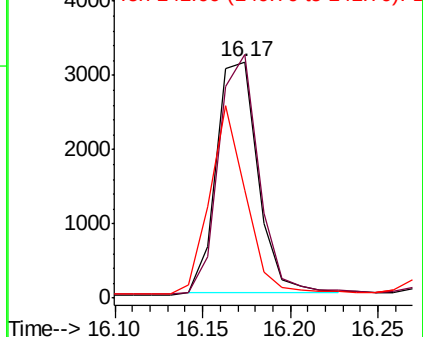
141 45.5 35.2 52.8

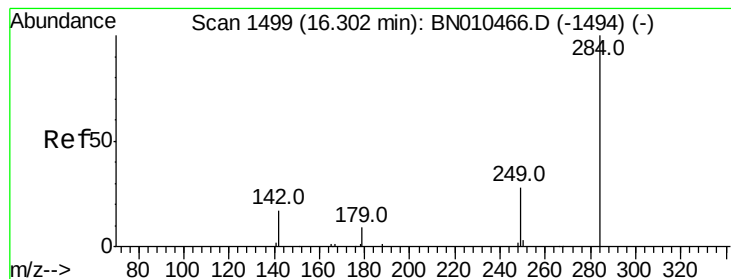


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.477 ng

RT: 16.29 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

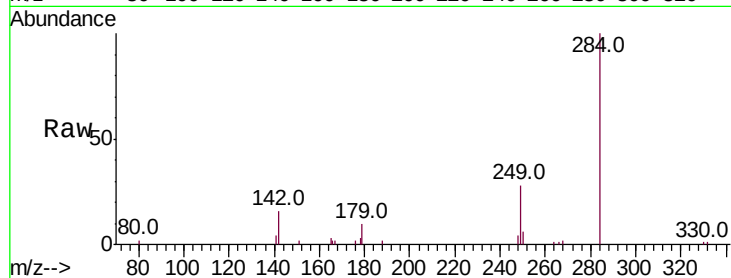
Tot Ion:284 Resp: 6203

Ion Ratio Lower Upper

284 100

142 33.7 25.5 38.3

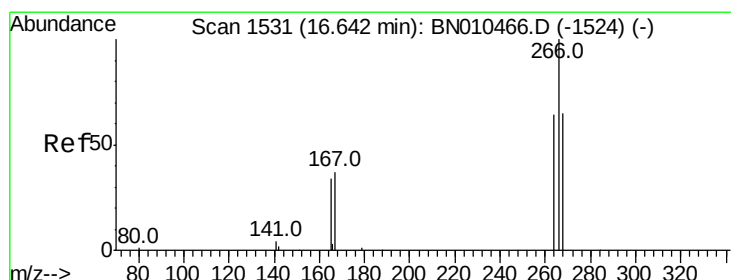
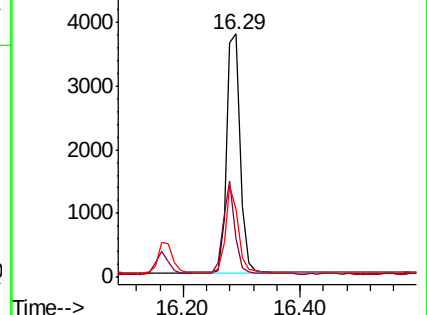
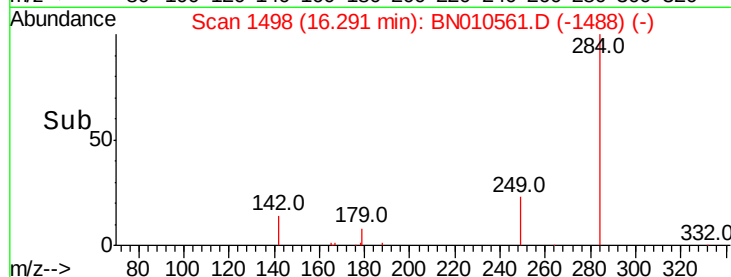
249 33.0 25.8 38.6



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: 0.861 ng

RT: 16.63 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

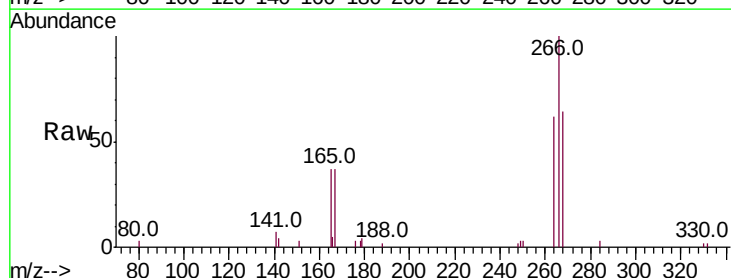
Tgt Ion:266 Resp: 4403

Ion Ratio Lower Upper

266 100

264 62.3 51.8 77.6

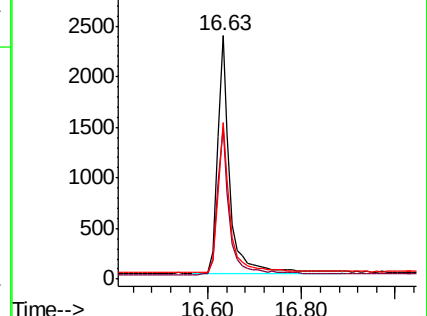
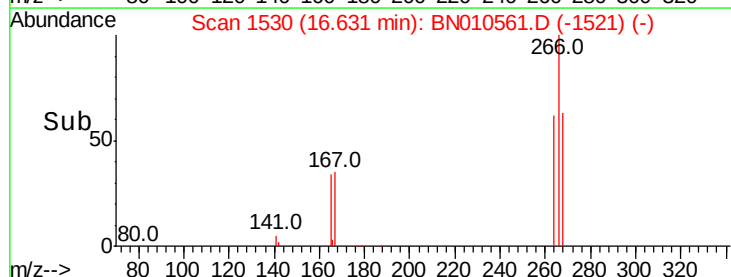
268 64.3 53.7 80.5

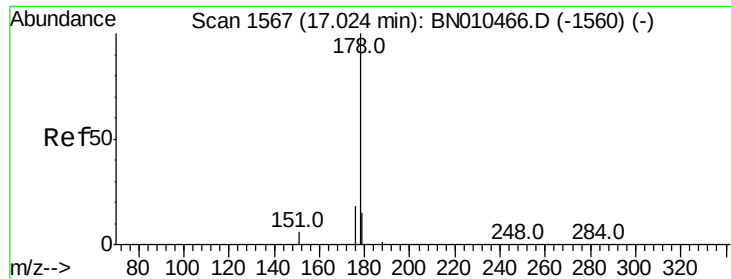


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.493 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

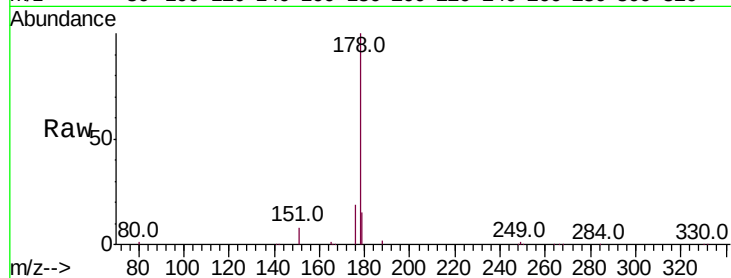
Tot Ion:178 Resp: 27336

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

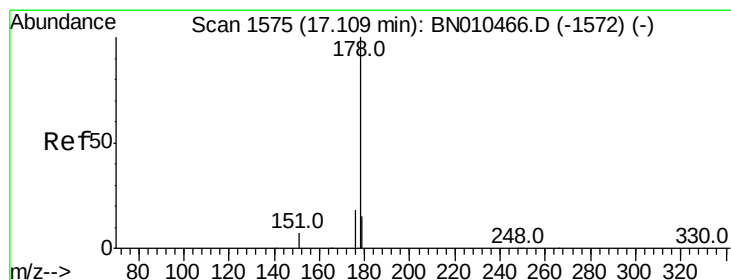
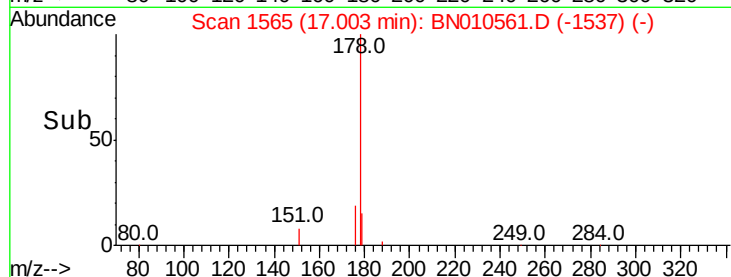
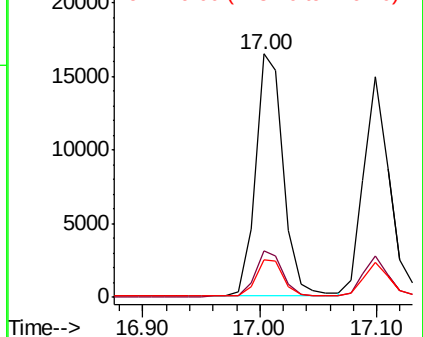
179 15.3 12.6 18.8



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: 0.469 ng

RT: 17.10 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

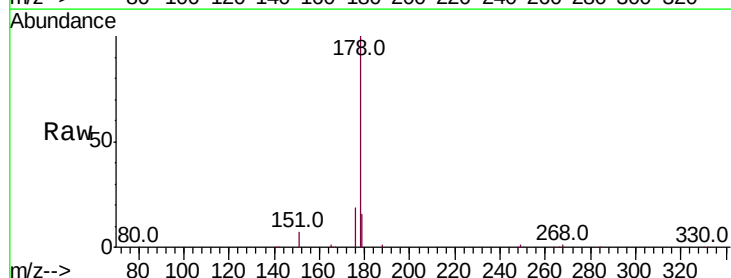
Tgt Ion:178 Resp: 23724

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

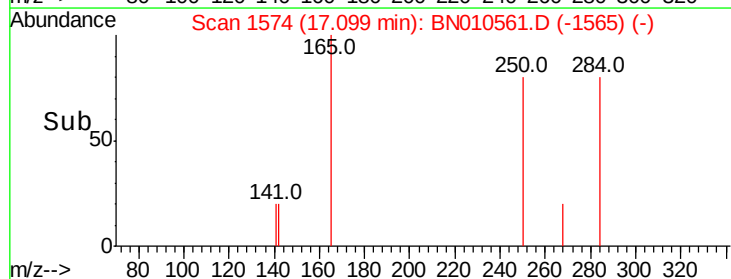
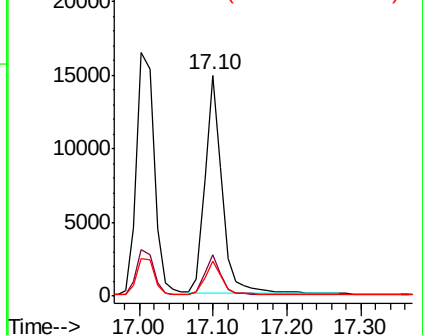
179 15.4 12.2 18.2

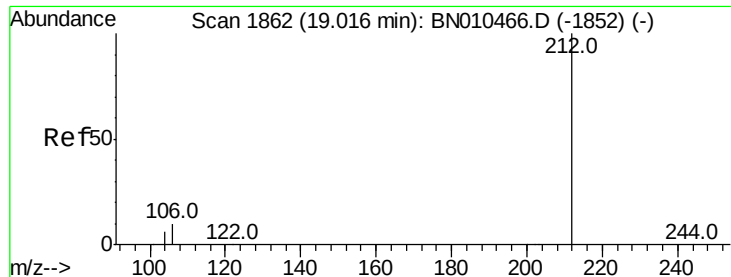


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.330 ng

RT: 19.01 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

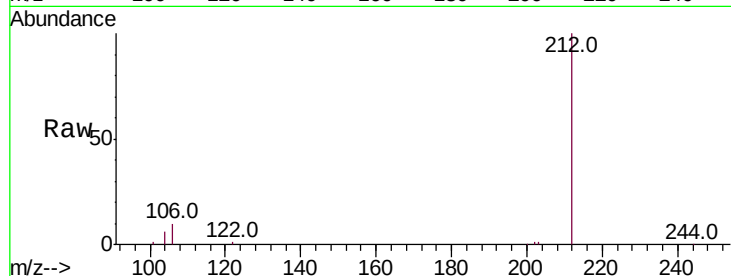
Tot Ion:212 Resp: 20555

Ion Ratio Lower Upper

212 100

106 9.8 7.8 11.6

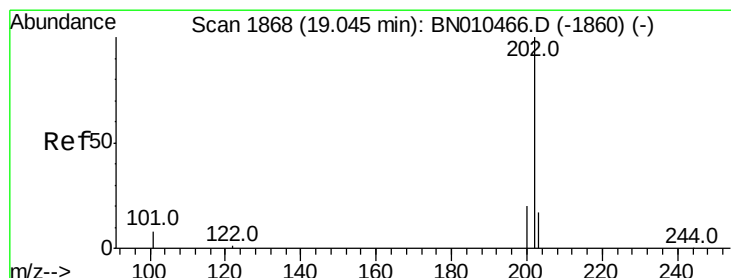
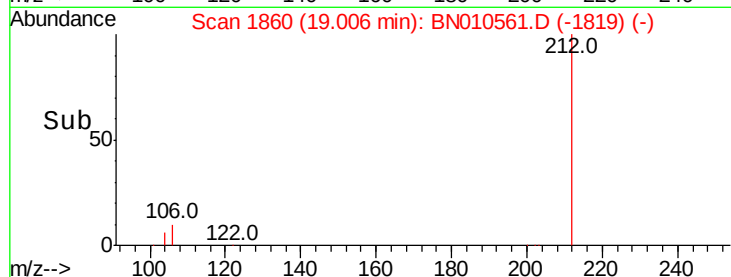
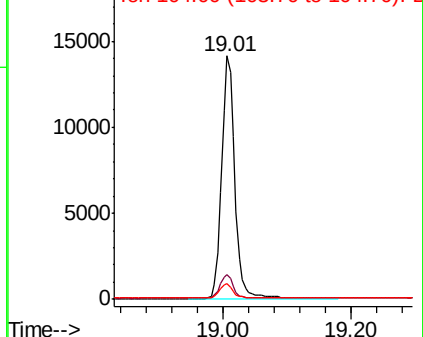
104 5.6 4.5 6.7



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: 0.473 ng

RT: 19.04 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

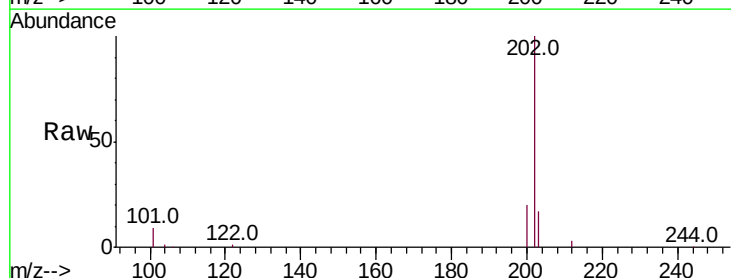
Tgt Ion:202 Resp: 32629

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

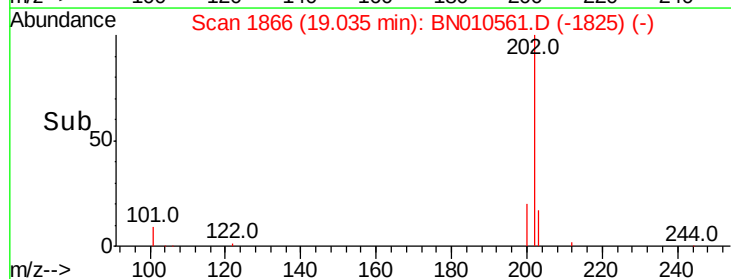
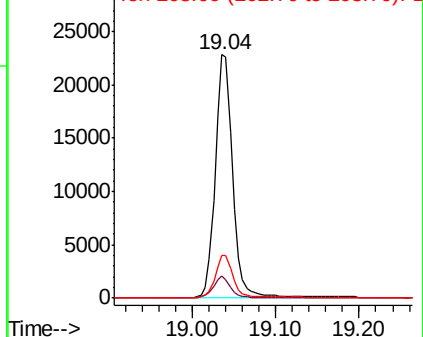
203 17.0 13.9 20.9

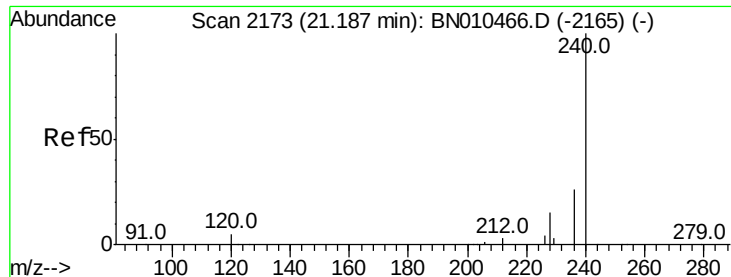


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.18 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

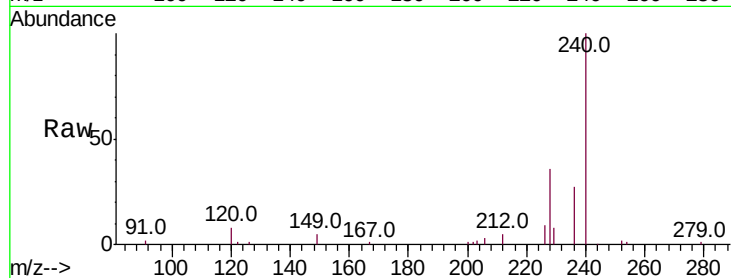
Tot Ion:240 Resp: 18878

Ion Ratio Lower Upper

240 100

120 8.4 4.8 7.2#

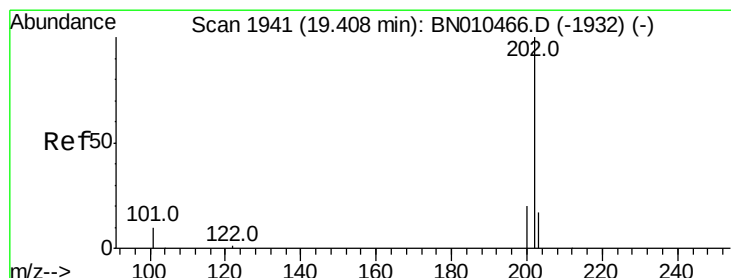
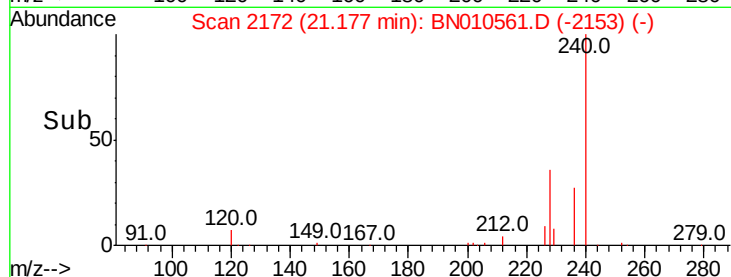
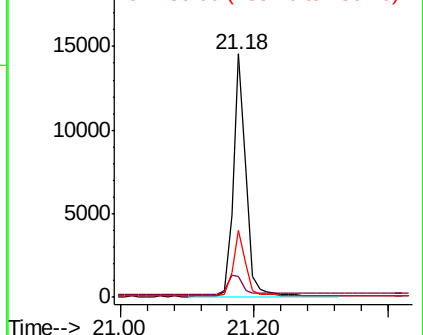
236 27.3 21.4 32.0



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: 0.512 ng

RT: 19.40 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

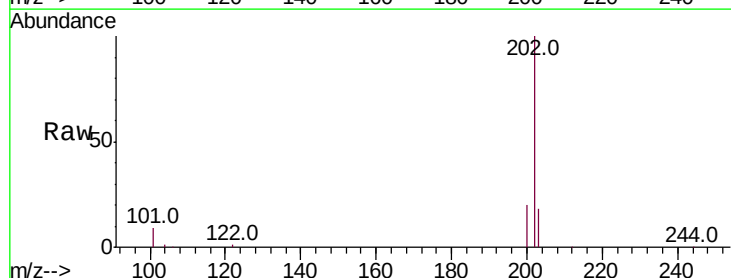
Tgt Ion:202 Resp: 32515

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

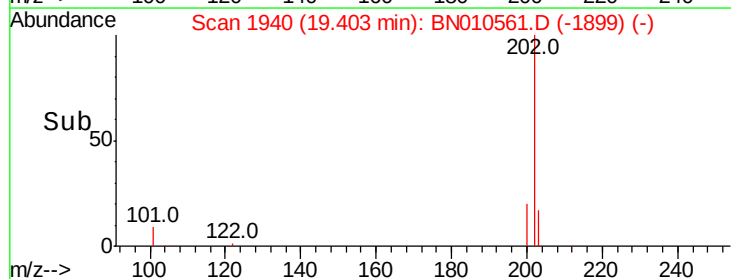
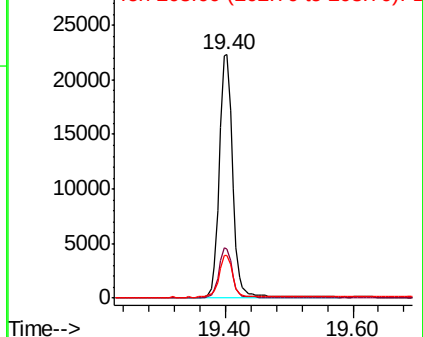
203 17.7 14.0 21.0

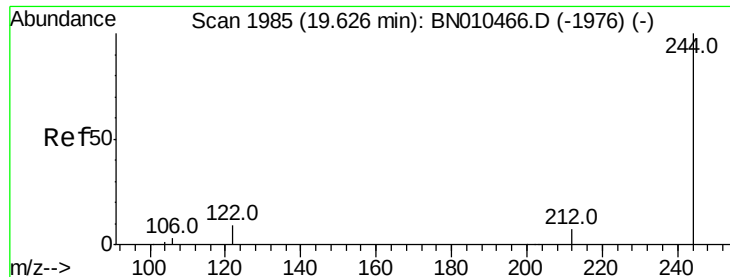


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.376 ng

RT: 19.62 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

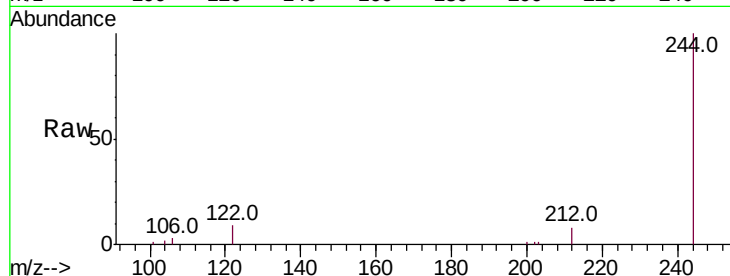
Tot Ion:244 Resp: 16246

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

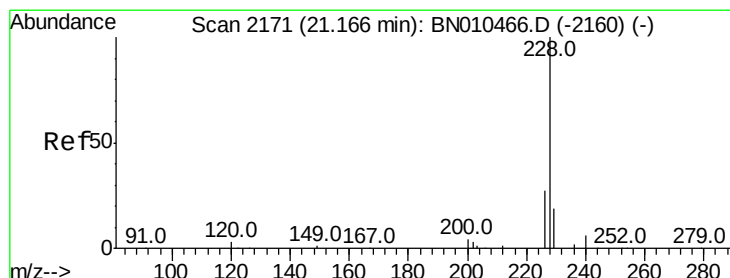
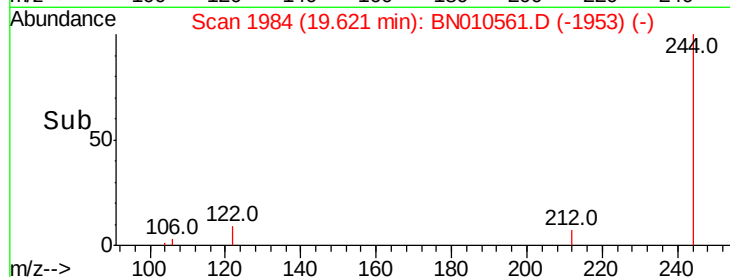
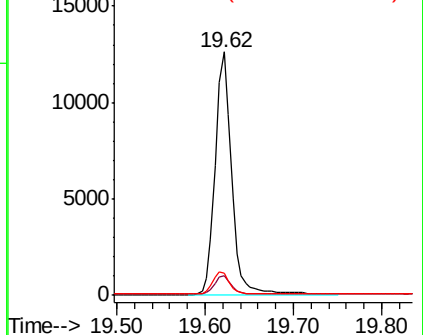
122 9.0 7.8 11.8



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: 0.444 ng

RT: 21.17 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

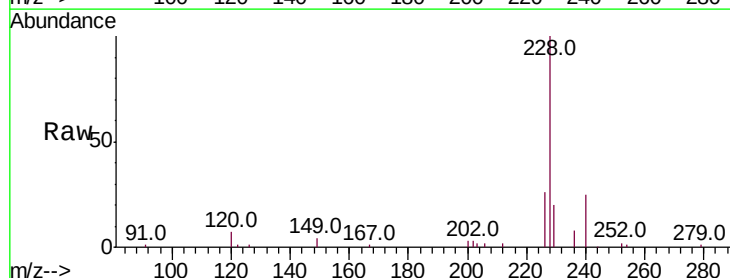
Tgt Ion:228 Resp: 27369

Ion Ratio Lower Upper

228 100

226 26.0 21.7 32.5

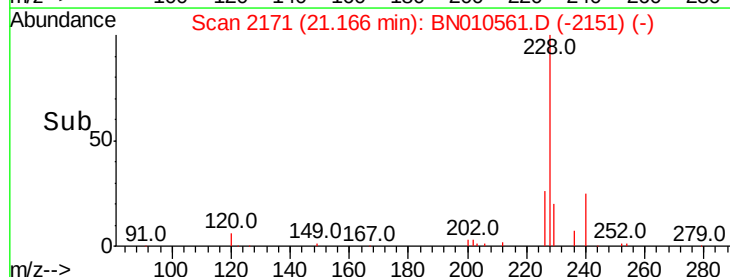
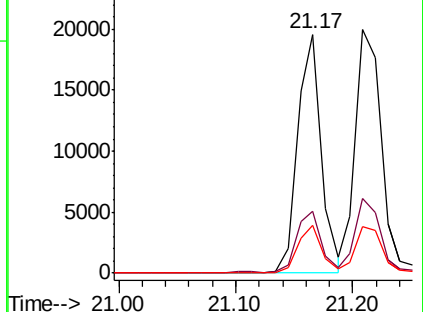
229 20.1 15.6 23.4

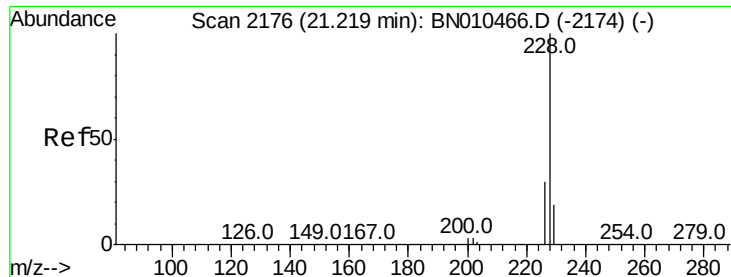


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.496 ng

RT: 21.21 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

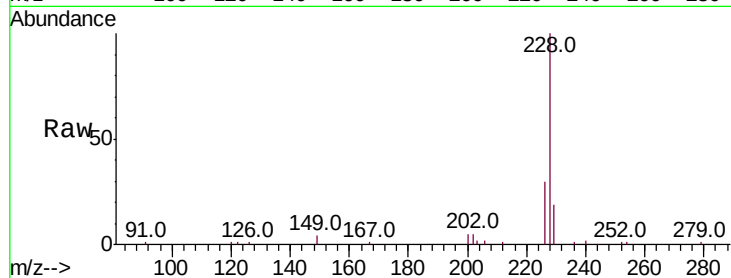
BNA_N

ClientSampleId :

PB128376BS

Tot Ion:228 Resp: 30439

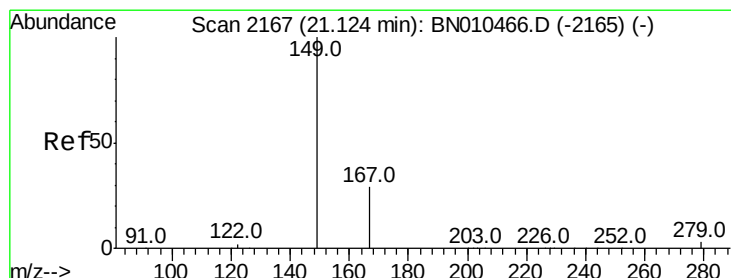
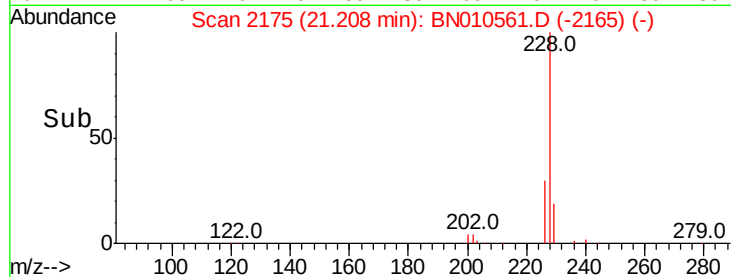
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.3	15.8	23.6



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: 0.336 ng

RT: 21.12 min Scan# 2167

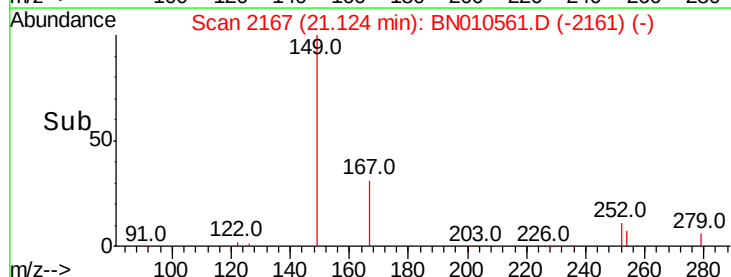
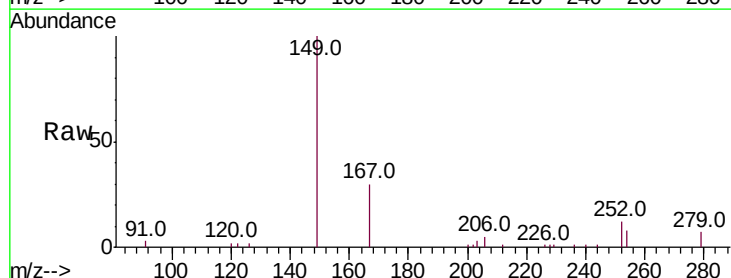
Delta R.T. 0.01 min

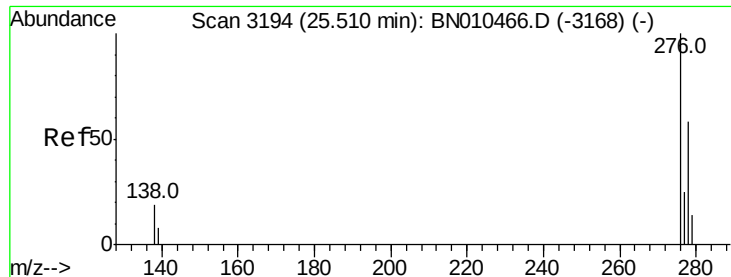
Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Tgt Ion:149 Resp: 10609

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.4	35.0
279	4.8	4.0	6.0

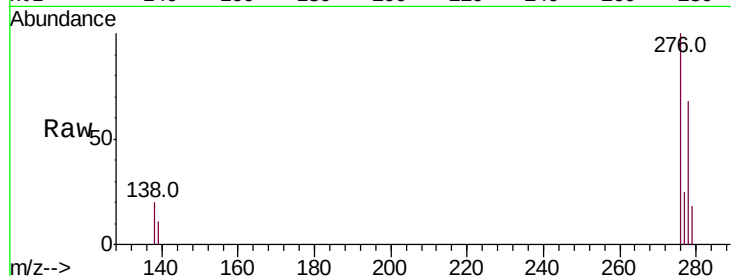




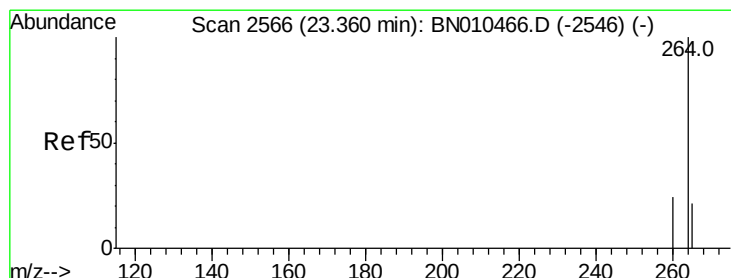
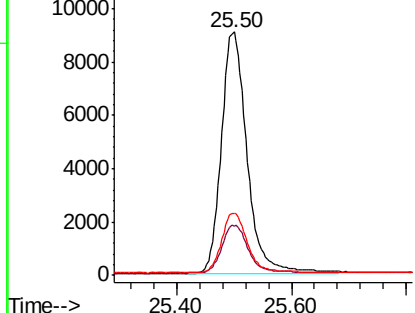
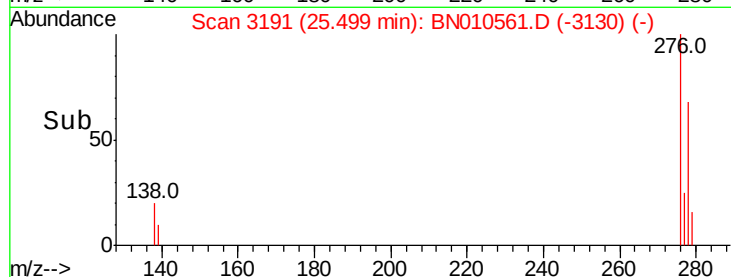
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.521 ng
 RT: 25.50 min Scan# 3191
 Delta R.T. 0.01 min
 Lab File: BN010561.D
 Acq: 21 Apr 2020 11:56

Instrument :
 BNA_N
 ClientSampleId :
 PB128376BS

Tot Ion:276 Resp: 28276
 Ion Ratio Lower Upper
 276 100
 138 20.2 16.4 24.6
 277 25.1 19.8 29.6

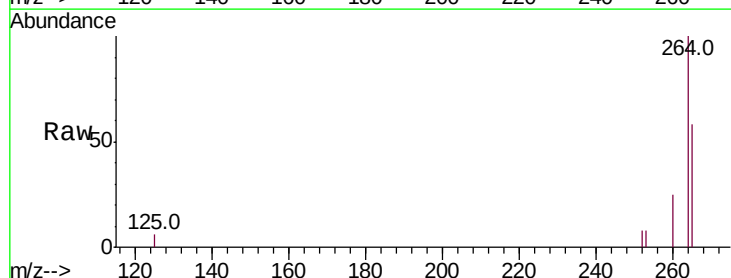


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

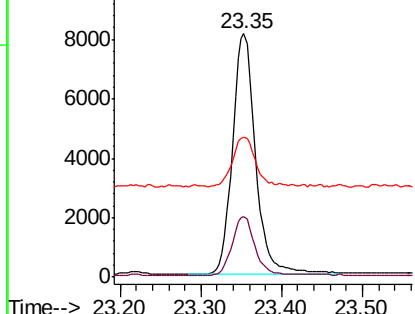
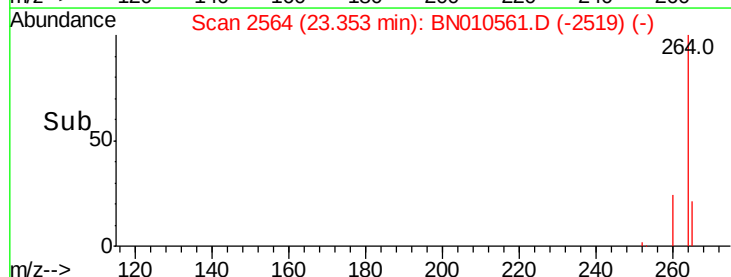


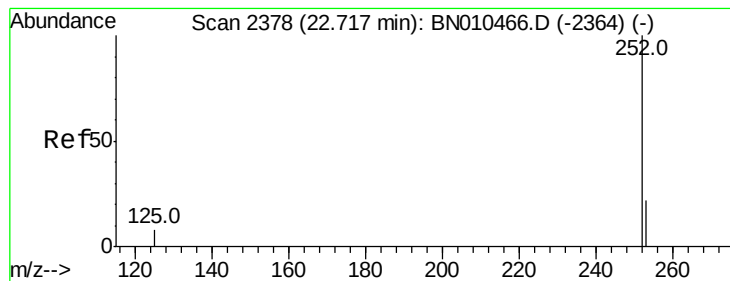
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.35 min Scan# 2564
 Delta R.T. 0.01 min
 Lab File: BN010561.D
 Acq: 21 Apr 2020 11:56

Tgt Ion:264 Resp: 16068
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.8
 265 57.7 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: 0.509 ng

RT: 22.71 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

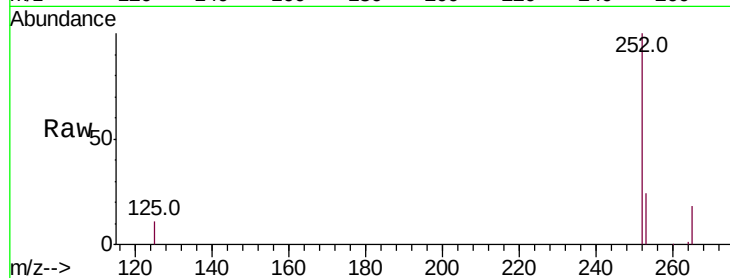
Tot Ion:252 Resp: 26934

Ion Ratio Lower Upper

252 100

253 24.4 20.2 30.4

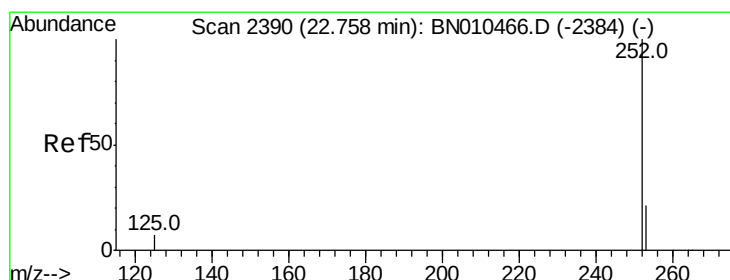
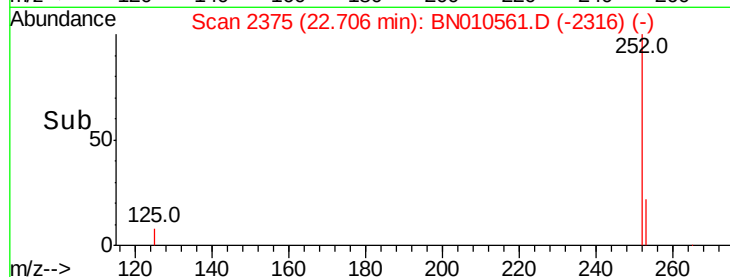
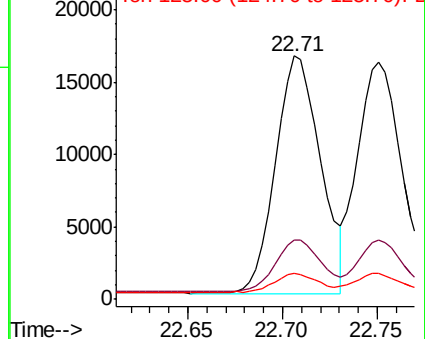
125 10.7 9.2 13.8



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: 0.511 ng

RT: 22.75 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

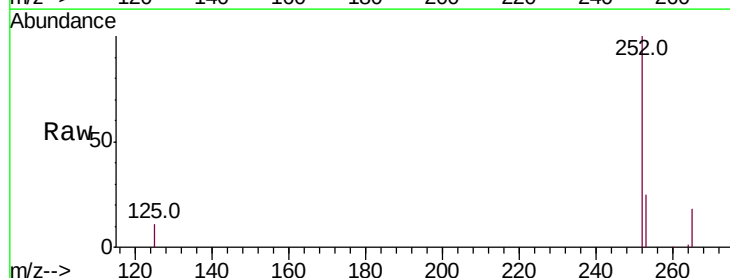
Tgt Ion:252 Resp: 27077

Ion Ratio Lower Upper

252 100

253 24.8 20.1 30.1

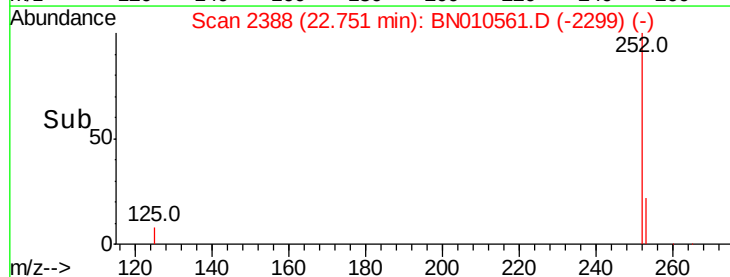
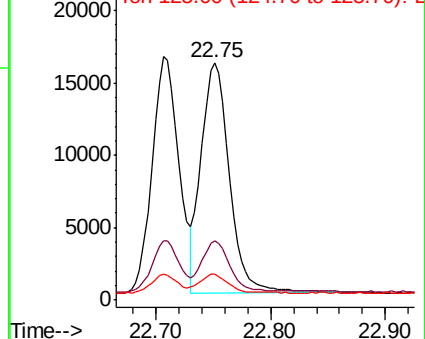
125 10.7 9.6 14.4

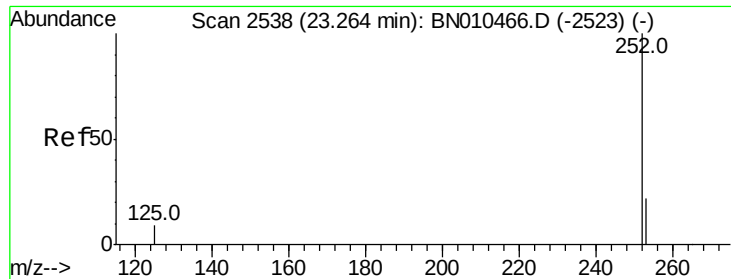


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.506 ng

RT: 23.26 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

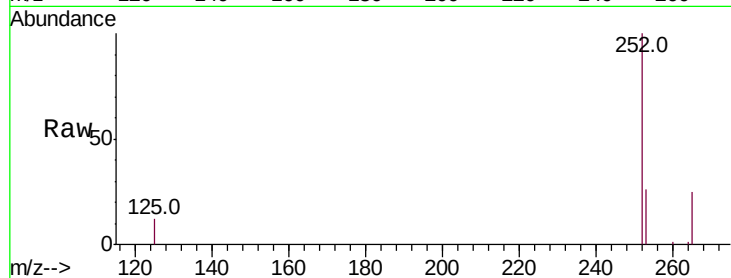
Tot Ion:252 Resp: 23684

Ion Ratio Lower Upper

252 100

253 25.8 21.8 32.8

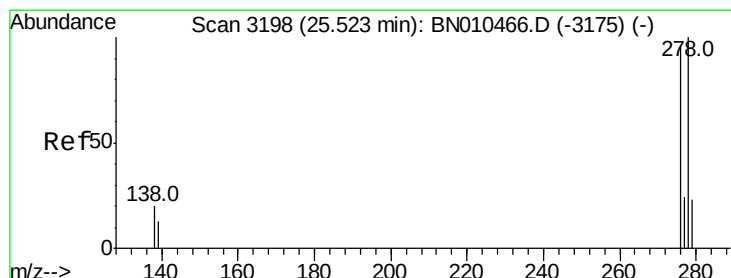
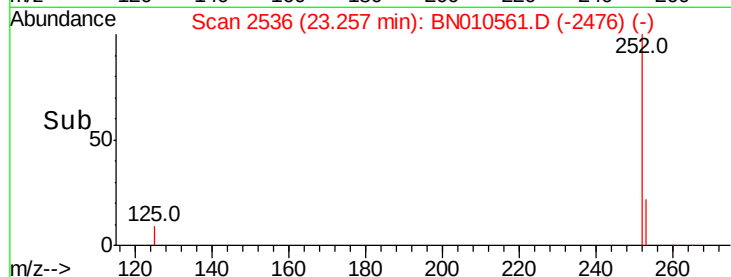
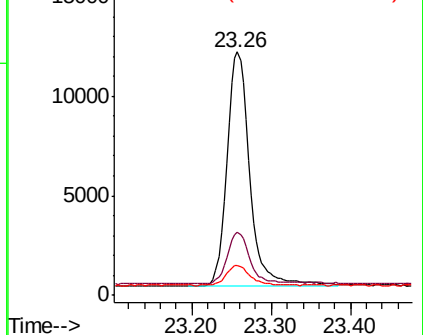
125 12.5 11.0 16.6



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: 0.542 ng

RT: 25.51 min Scan# 3195

Delta R.T. 0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

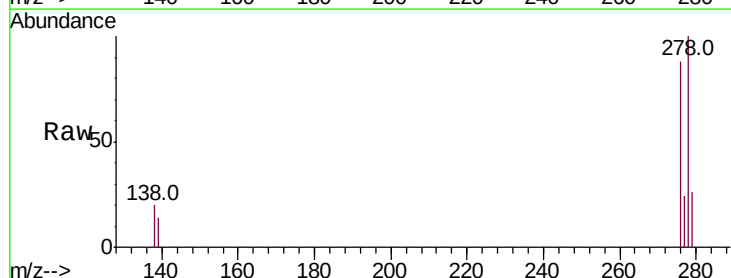
Tgt Ion:278 Resp: 23200

Ion Ratio Lower Upper

278 100

139 14.3 12.3 18.5

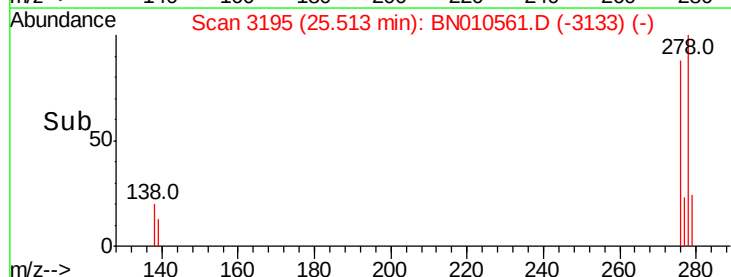
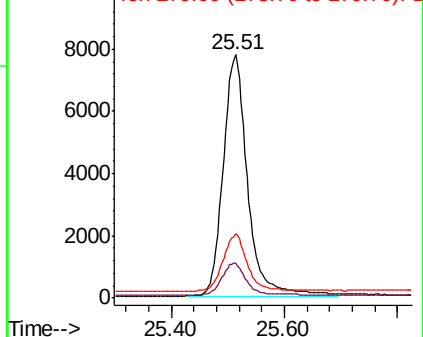
279 26.3 21.9 32.9

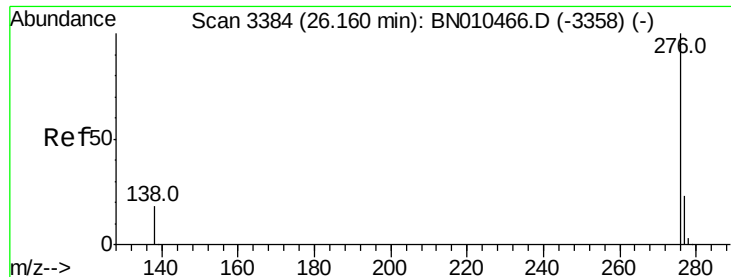


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.575 ng

RT: 26.15 min Scan# 3380

Delta R.T. 0.01 min

Lab File: BN010561.D

Acq: 21 Apr 2020 11:56

Instrument :

BNA_N

ClientSampleId :

PB128376BS

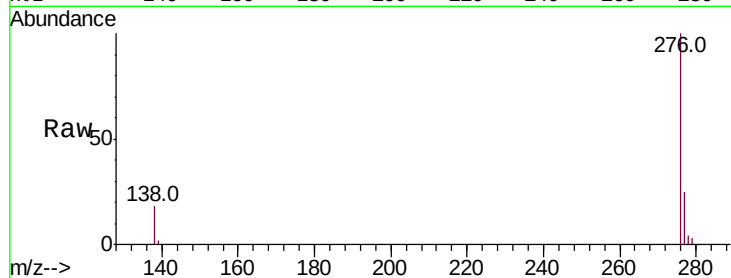
Tot Ion:276 Resp: 24786

Ion Ratio Lower Upper

276 100

277 24.6 20.2 30.2

138 18.4 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

