

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010967.D
 Acq On : 19 Jun 2020 13:24
 Operator : CG/JU
 Sample : PB129630BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129630BS

Quant Time: Jun 19 13:54:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2357	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7294	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4472	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9071	0.40	ng	0.01
27) Chrysene-d12	21.12	240	8319	0.40	ng	0.00
34) Perylene-d12	23.26	264	8843	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2055	0.45	ng	0.00
5) Phenol-d6	6.73	99	2453	0.46	ng	0.00
8) Nitrobenzene-d5	8.67	82	2303	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4937	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	695	0.43	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	6675	0.38	ng	0.00
25) Fluoranthene-d10	18.95	212	10129	0.40	ng	0.00
29) Terphenyl-d14	19.56	244	7927	0.41	ng	0.00

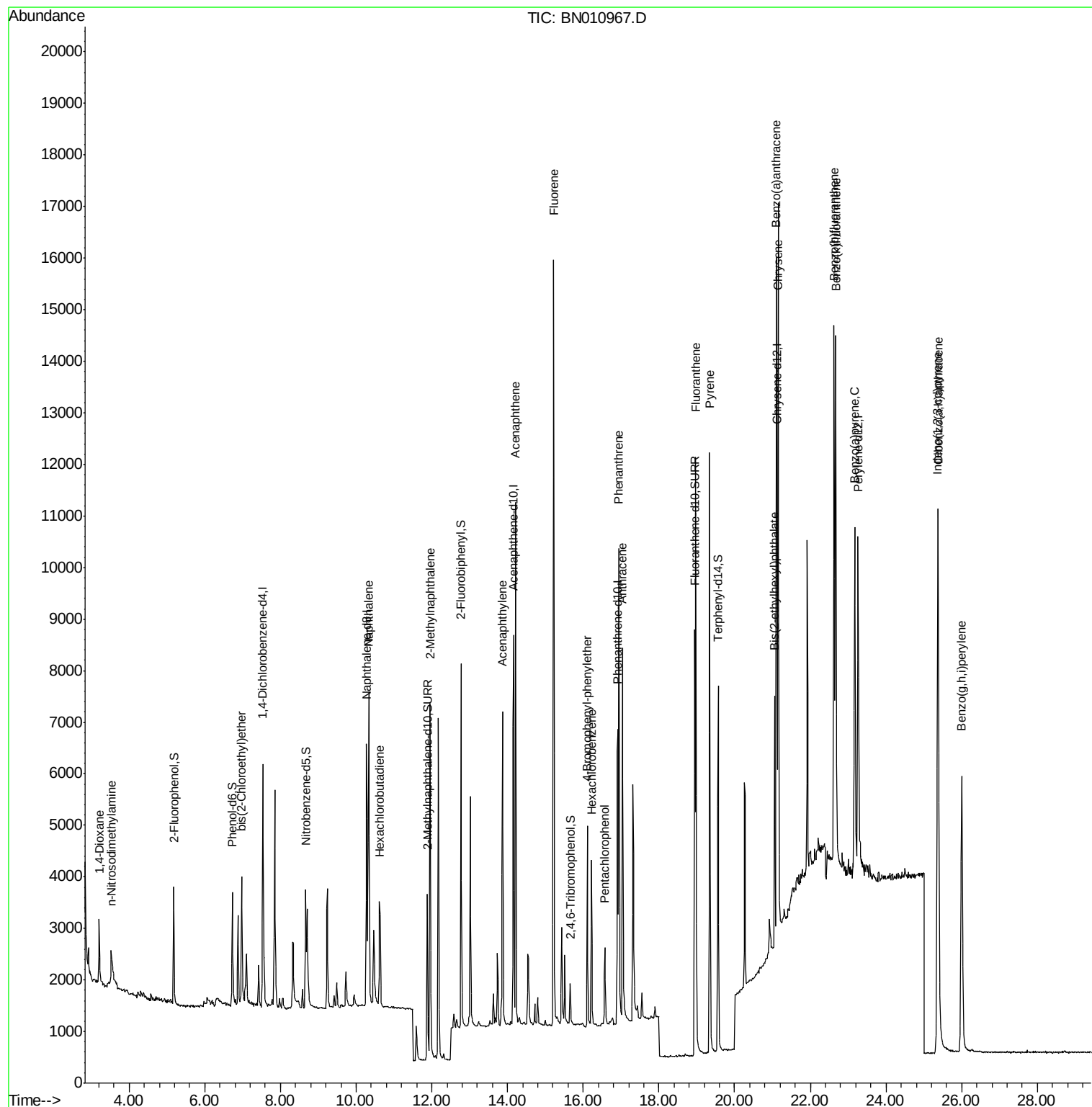
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	1030	0.446	ng	96
3) n-Nitrosodimethylamine	3.53	42	632	0.471	ng	# 91
6) bis(2-Chloroethyl)ether	6.98	93	2191	0.419	ng	99
9) Naphthalene	10.33	128	7890	0.430	ng	100
10) Hexachlorobutadiene	10.62	225	1791	0.395	ng	# 100
12) 2-Methylnaphthalene	11.95	142	5337	0.435	ng	99
16) Acenaphthylene	13.87	152	7253	0.396	ng	99
17) Acenaphthene	14.21	154	5029	0.403	ng	98
18) Fluorene	15.22	166	6669	0.414	ng	99
20) 4-Bromophenyl-phenylether	16.11	248	2210	0.405	ng	97
21) Hexachlorobenzene	16.22	284	2258	0.397	ng	99
22) Pentachlorophenol	16.57	266	873	0.457	ng	98
23) Phenanthrene	16.94	178	10247	0.414	ng	99
24) Anthracene	17.04	178	8520	0.412	ng	98
26) Fluoranthene	18.98	202	11299	0.402	ng	99
28) Pyrene	19.34	202	11378	0.413	ng	100
30) Benzo(a)anthracene	21.10	228	10516	0.430	ng	98
31) Chrysene	21.15	228	11324	0.397	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	4044	0.496	ng	95
33) Indeno(1,2,3-cd)pyrene	25.36	276	13160	0.413	ng	# 96
35) Benzo(b)fluoranthene	22.63	252	12711	0.423	ng	98
36) Benzo(k)fluoranthene	22.67	252	13308	0.415	ng	100
37) Benzo(a)pyrene	23.17	252	10344	0.401	ng	97
38) Dibenzo(a,h)anthracene	25.38	278	10931	0.372	ng	98
39) Benzo(g,h,i)perylene	26.00	276	11324	0.368	ng	98

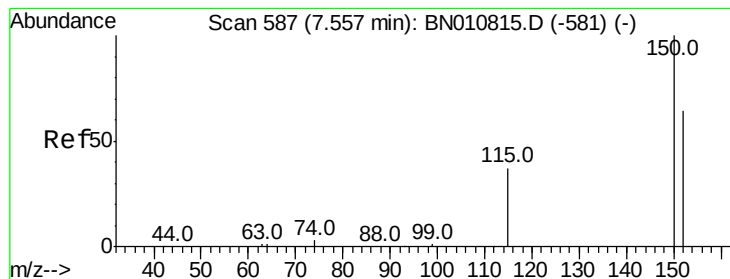
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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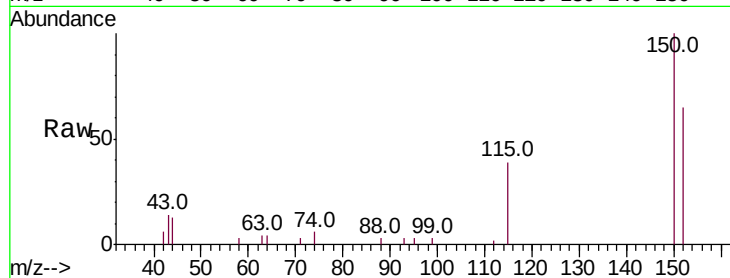


#1

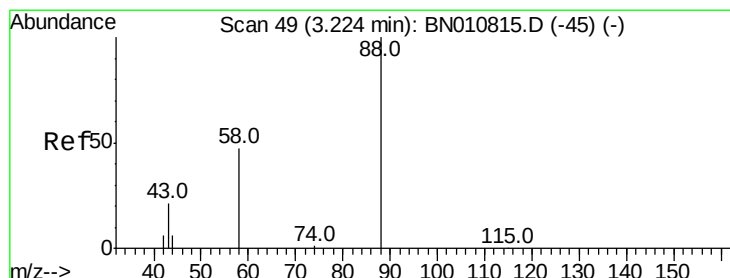
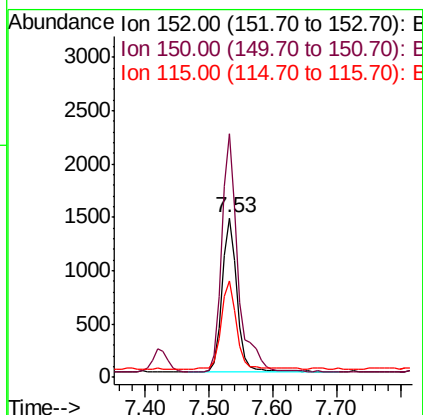
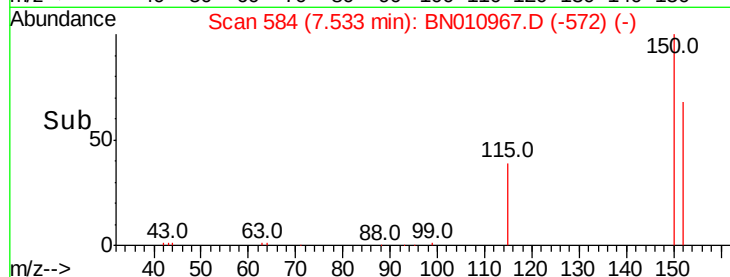
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Instrument :
BNA_N
ClientSampleId :
PB129630BS

Tot Ion:152 Resp: 2357
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 60.4 49.2 73.8



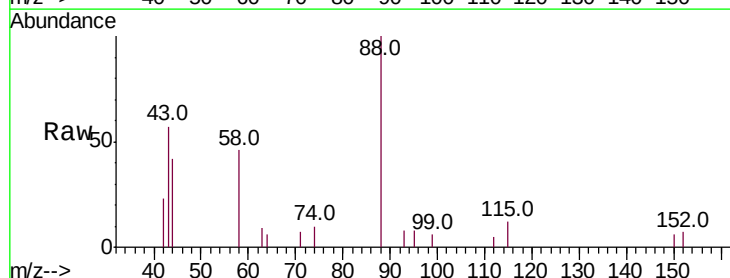
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



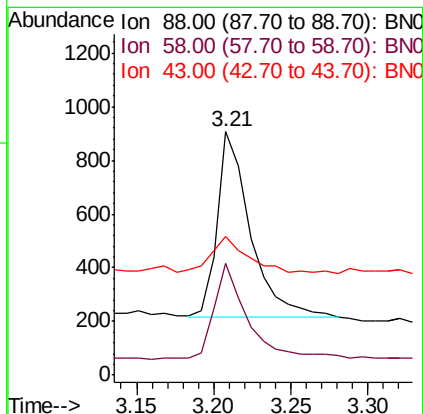
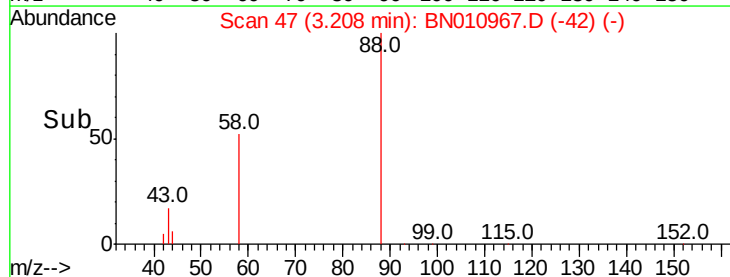
#2

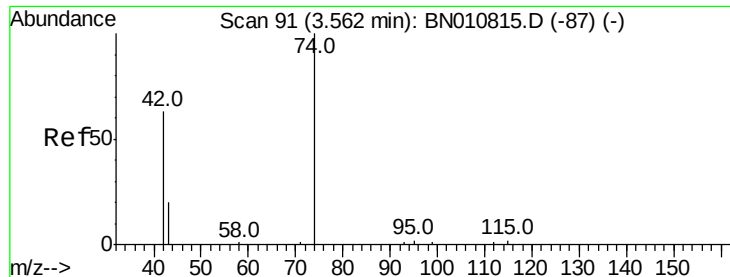
1,4-Dioxane
Concen: 0.446 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion: 88 Resp: 1030
Ion Ratio Lower Upper
88 100
58 50.6 38.2 57.4
43 20.4 15.1 22.7



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: 0.471 ng

RT: 3.53 min Scan# 87

Delta R.T. 0.01 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

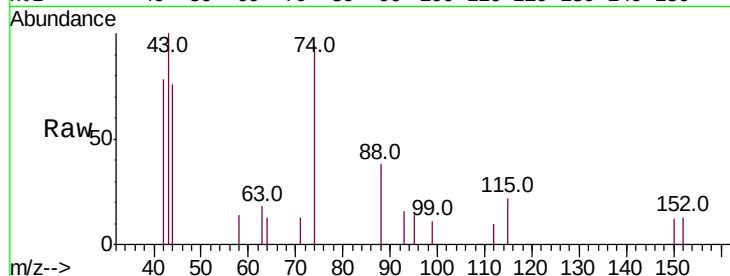
Tot Ion: 42 Resp: 632

Ion Ratio Lower Upper

42 100

74 188.4 140.7 211.1

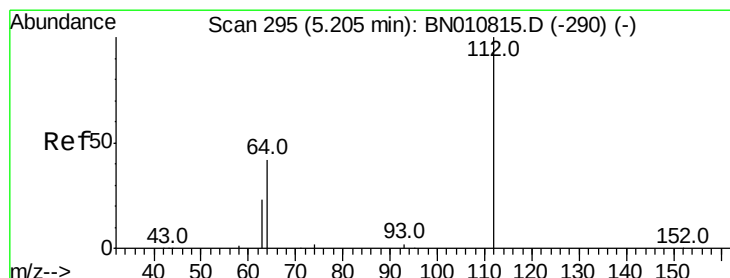
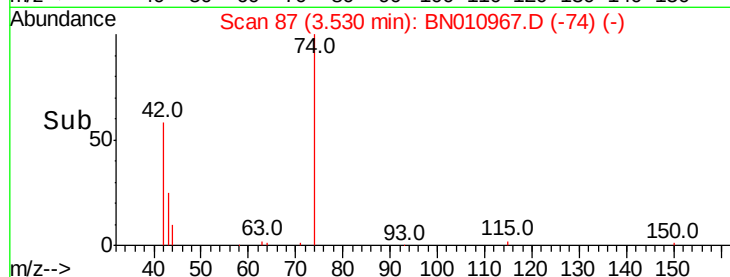
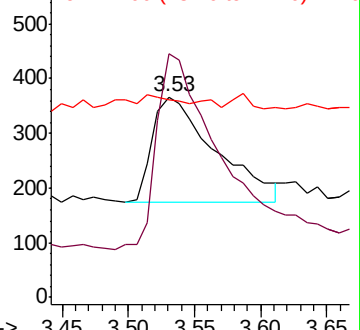
44 12.8 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.452 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

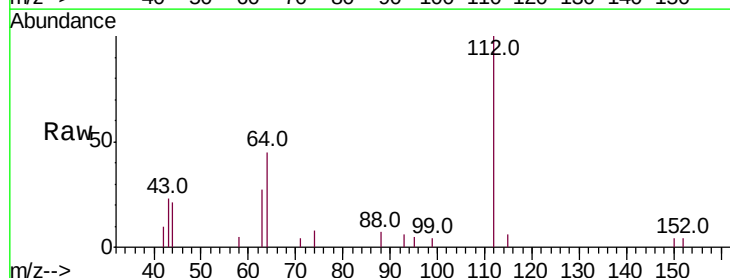
Tgt Ion: 112 Resp: 2055

Ion Ratio Lower Upper

112 100

64 46.2 37.4 56.0

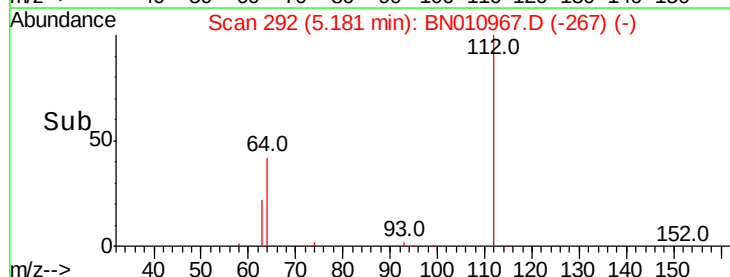
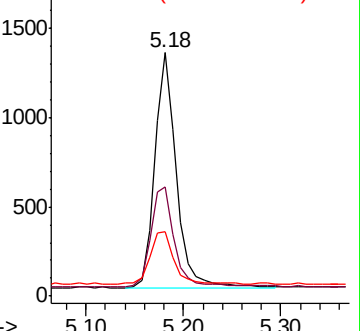
63 24.7 22.2 33.4

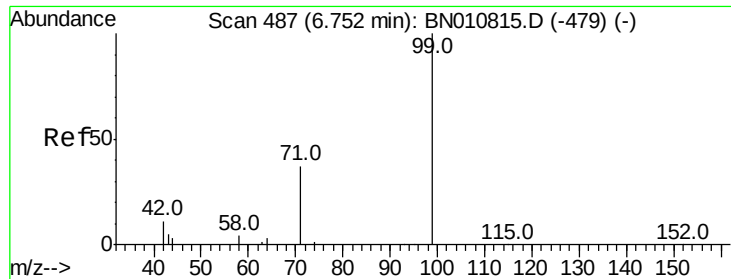


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.458 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

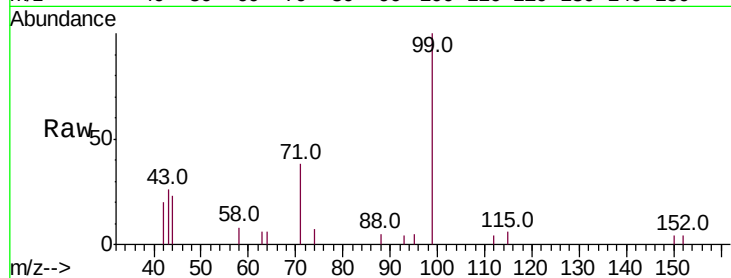
Tot Ion: 99 Resp: 2453

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

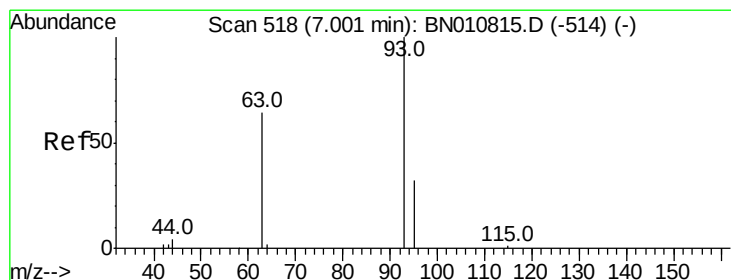
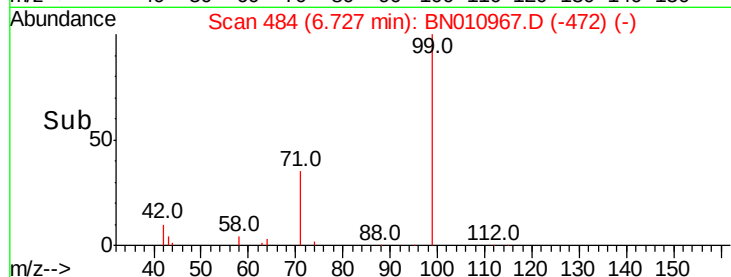
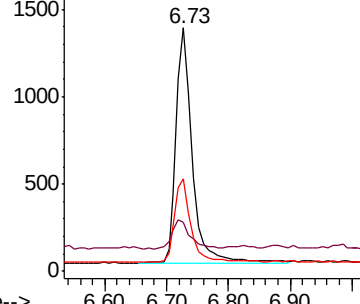
71 35.2 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.419 ng

RT: 6.98 min Scan# 515

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

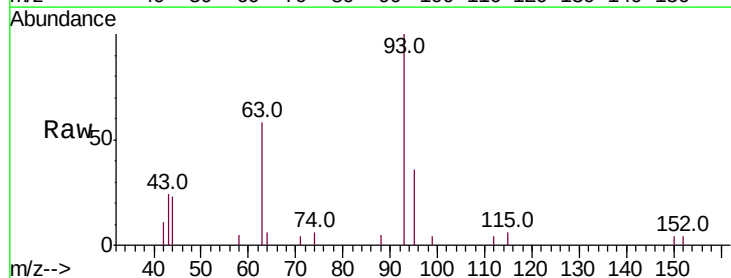
Tgt Ion: 93 Resp: 2191

Ion Ratio Lower Upper

93 100

63 61.0 49.4 74.2

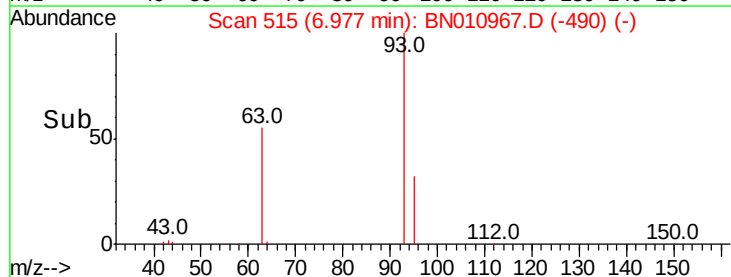
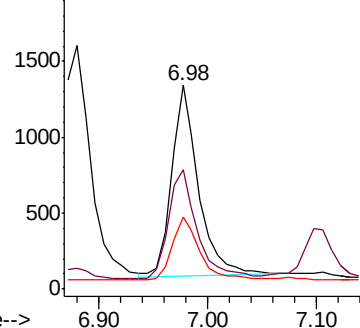
95 34.0 26.7 40.1

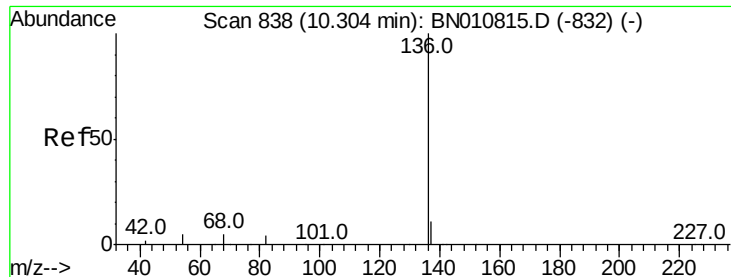


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

Tot Ion:136 Resp: 7294

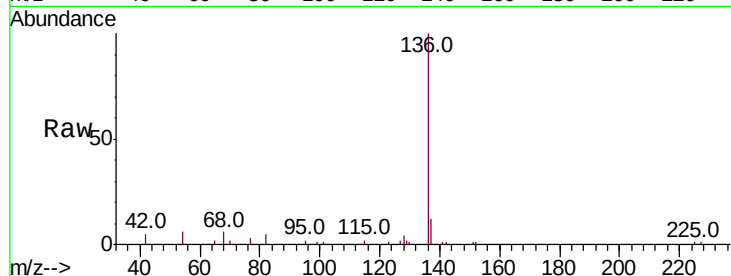
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 5.8 4.9 7.3

68 6.0 4.7 7.1

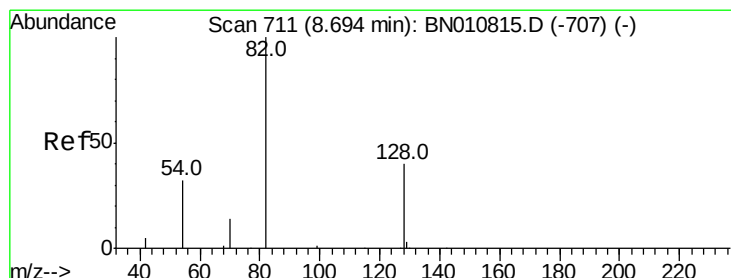
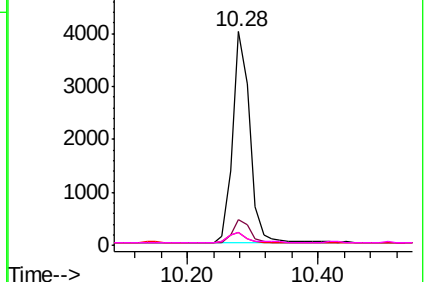
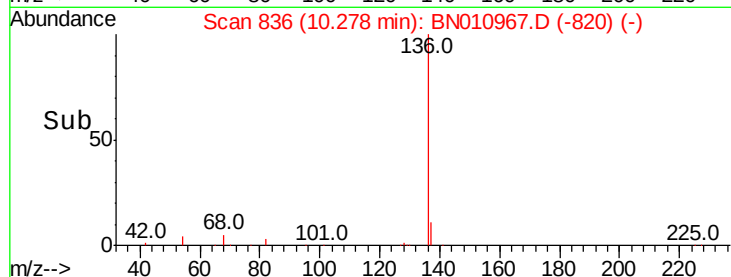


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.427 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

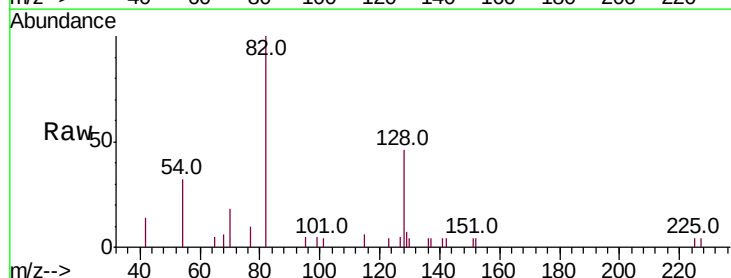
Tgt Ion: 82 Resp: 2303

Ion Ratio Lower Upper

82 100

128 46.3 35.4 53.0

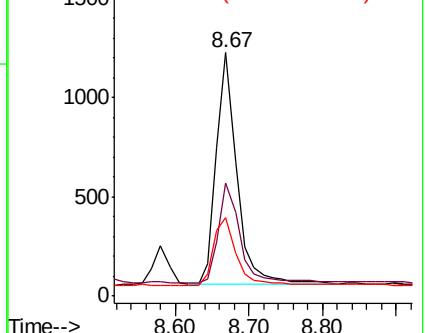
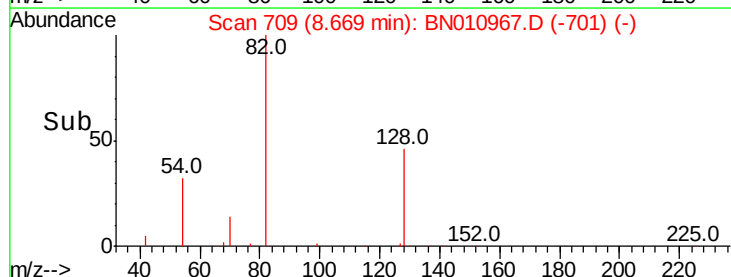
54 32.4 28.2 42.4

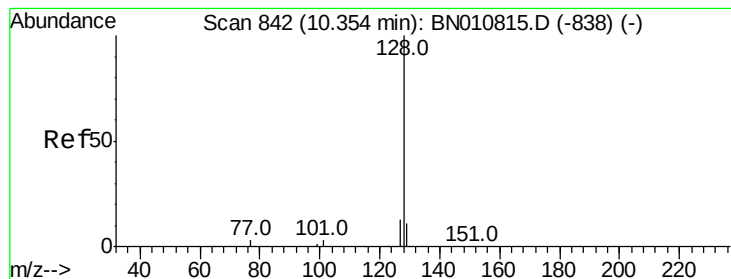


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.430 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

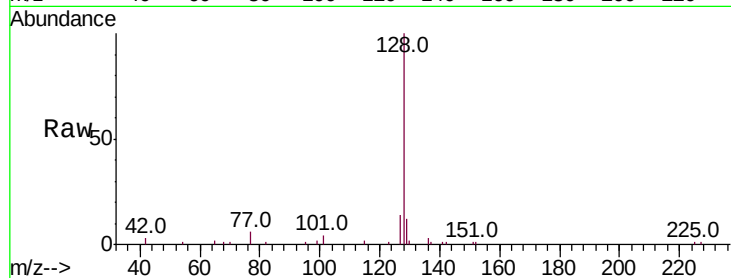
Tot Ion:128 Resp: 7890

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

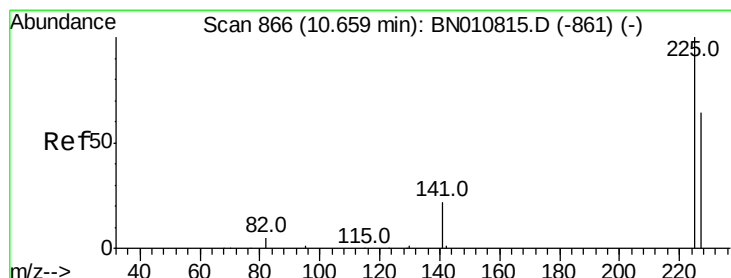
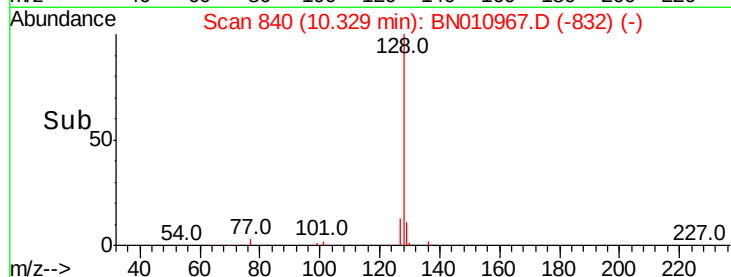
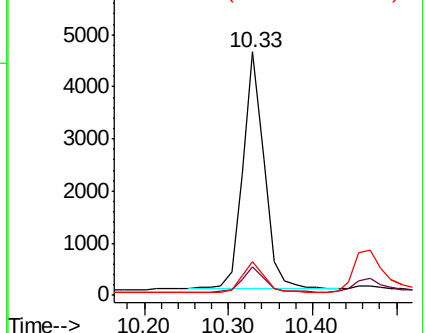
127 14.0 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.395 ng

RT: 10.62 min Scan# 863

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

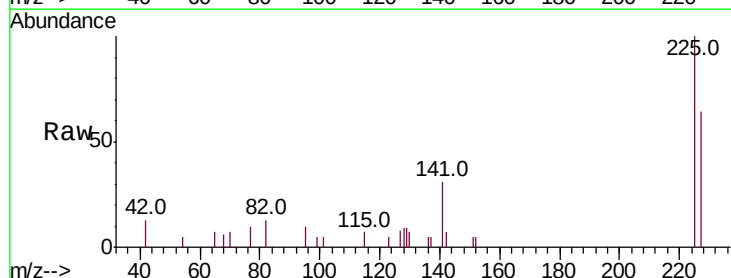
Tgt Ion:225 Resp: 1791

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

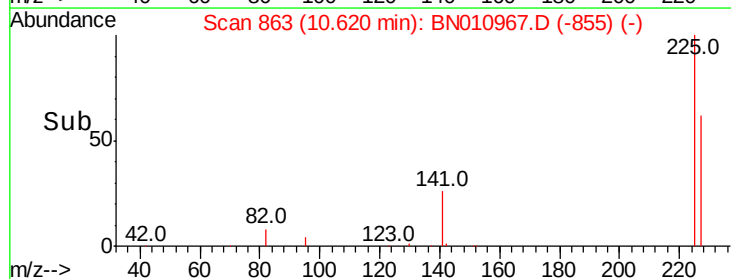
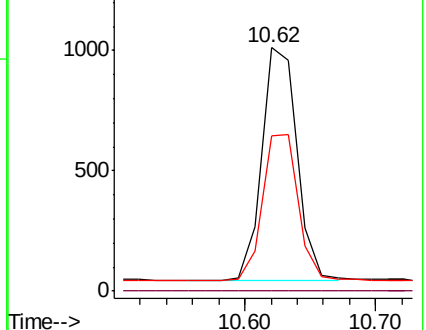
227 63.4 50.5 75.7

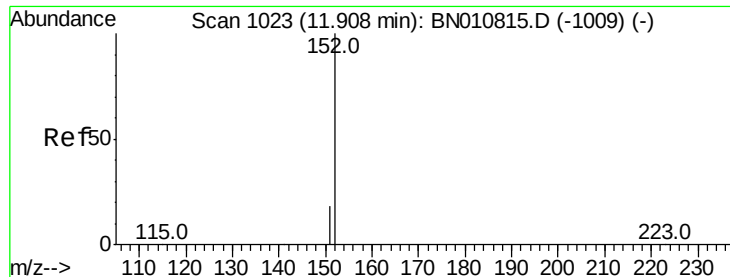


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.436 ng

RT: 11.88 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

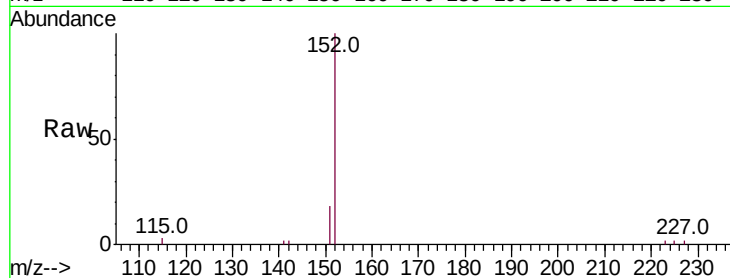
PB129630BS

Tot Ion:152 Resp: 4937

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.88

3000

2500

2000

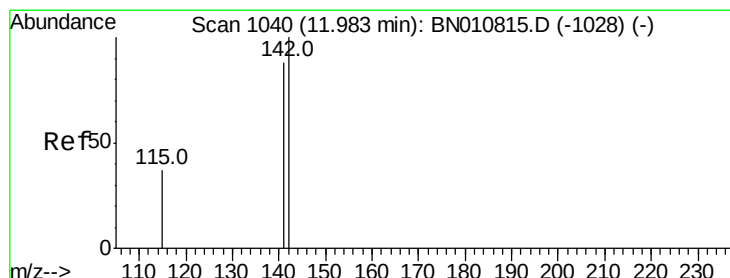
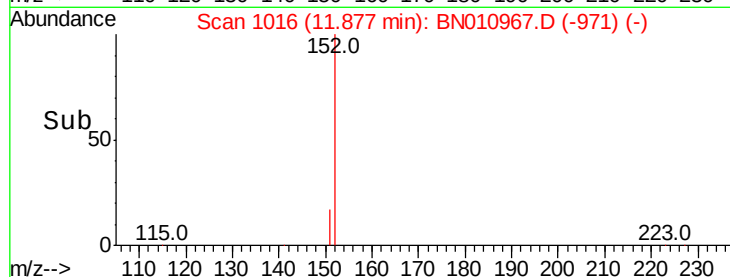
1500

1000

500

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.435 ng

RT: 11.95 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

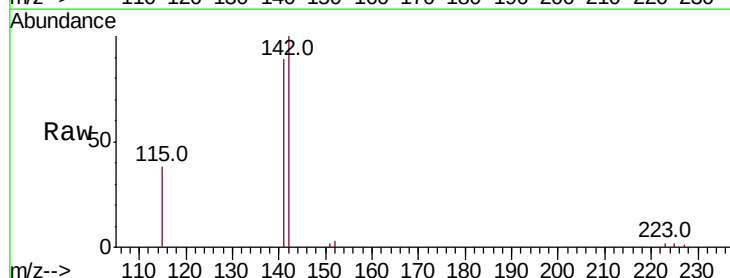
Tgt Ion:142 Resp: 5337

Ion Ratio Lower Upper

142 100

141 89.2 70.8 106.2

115 38.2 31.5 47.3



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

11.95

4000

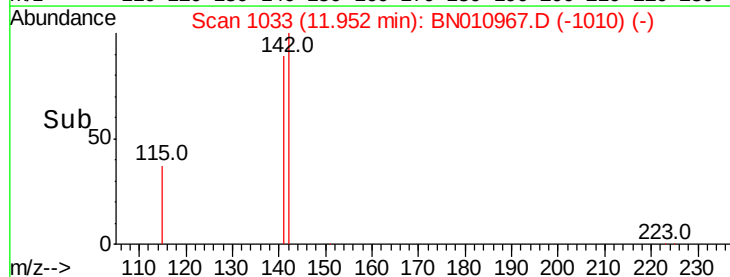
3000

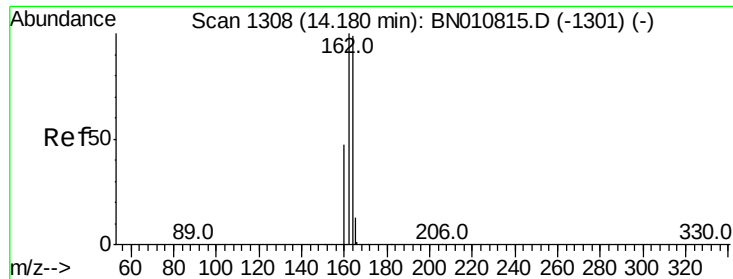
2000

1000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

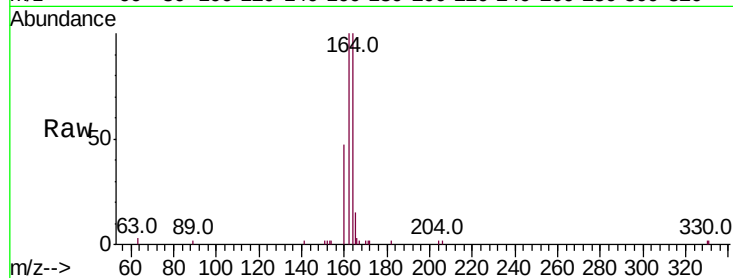
Tot Ion:164 Resp: 4472

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.6

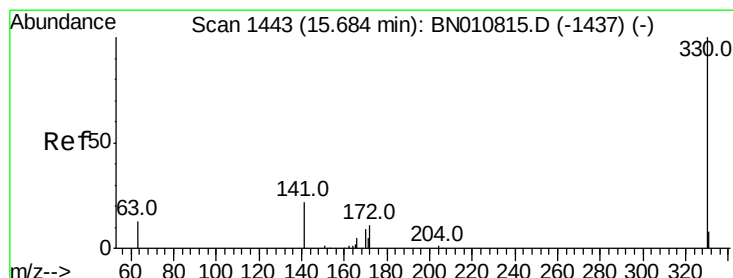
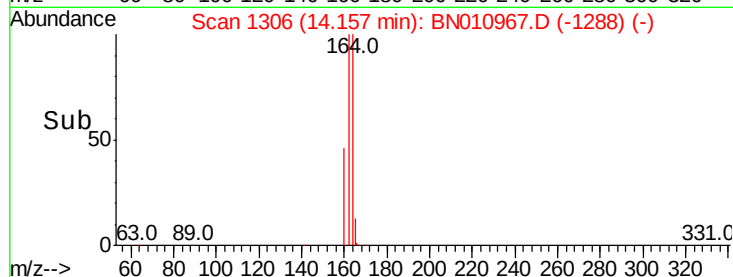
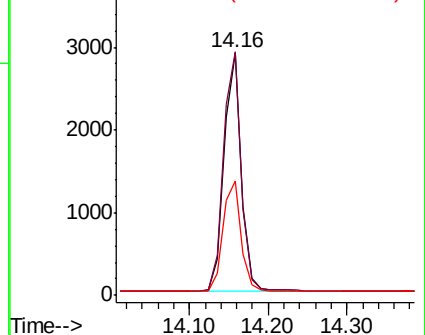
160 46.9 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.435 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

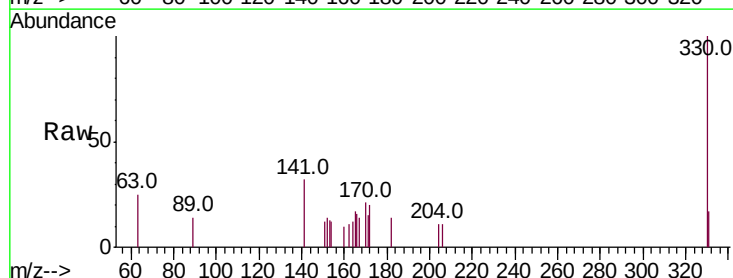
Tgt Ion:330 Resp: 695

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

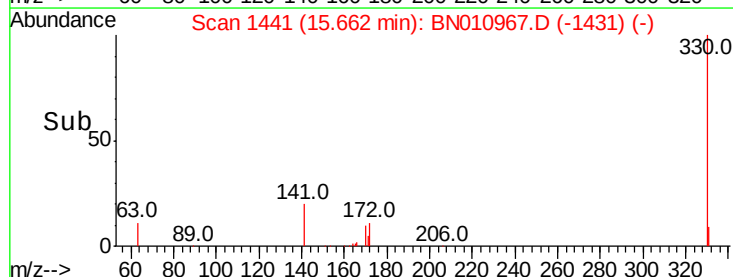
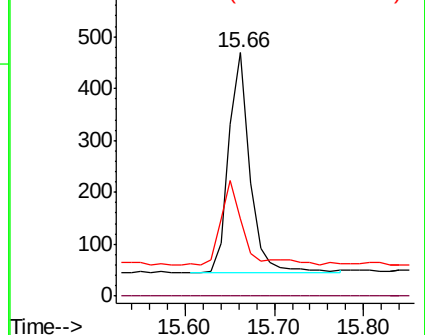
141 38.7 33.2 49.8

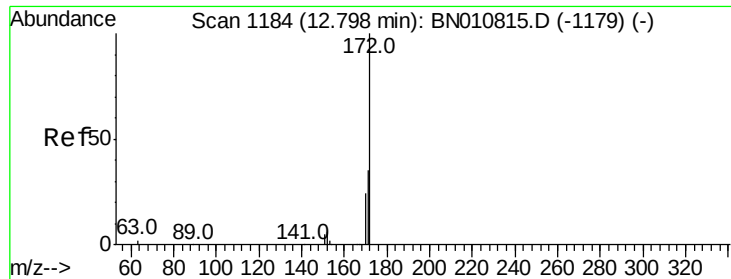


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

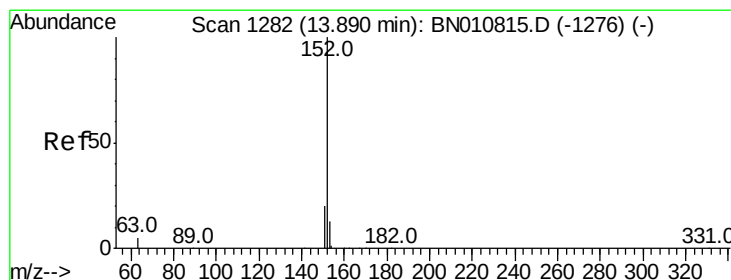
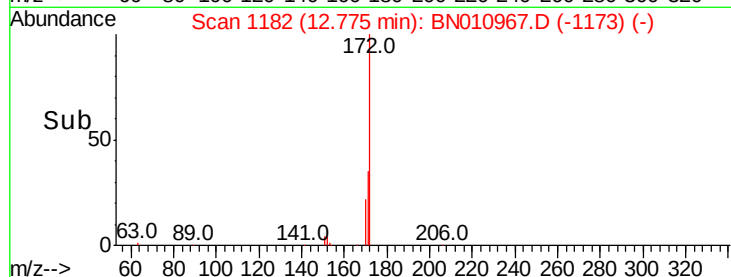
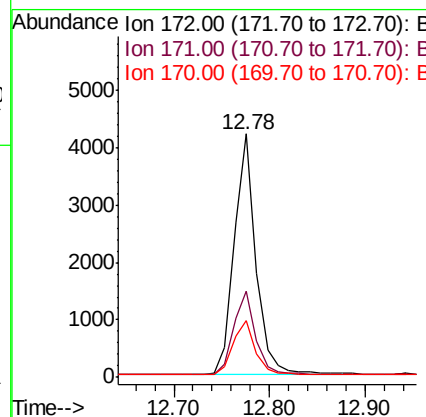
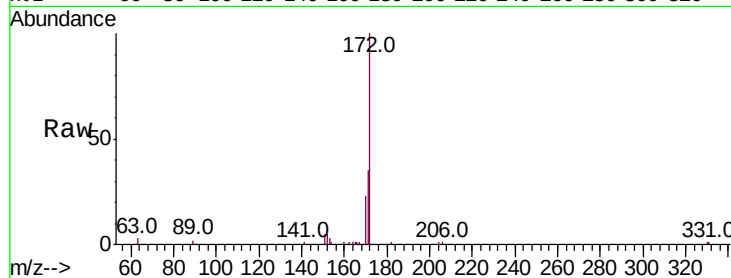




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

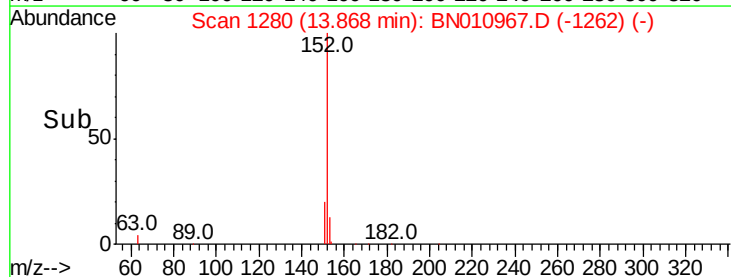
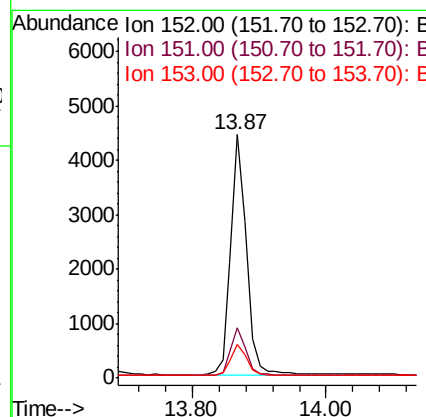
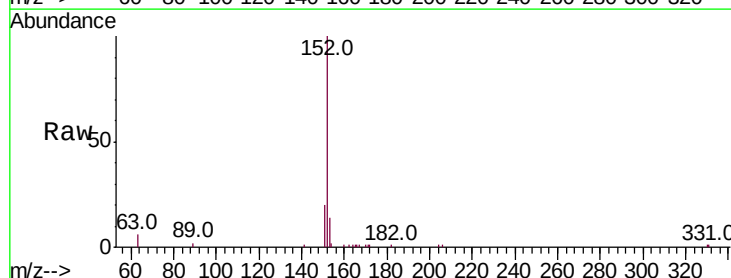
Instrument :
BNA_N
ClientSampleId :
PB129630BS

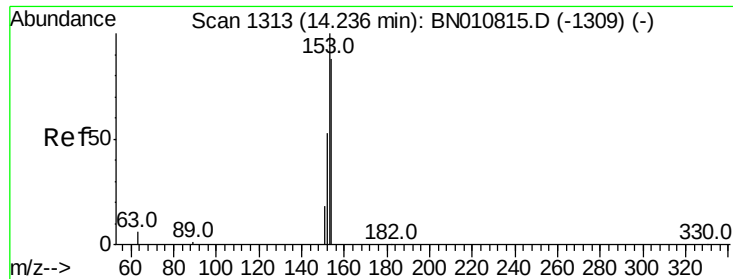
Tot Ion:172 Resp: 6675
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.2 19.7 29.5



#16
Acenaphthylene
Concen: 0.396 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN010967.D
Acq: 19 Jun 2020 13:24

Tgt Ion:152 Resp: 7253
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.403 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

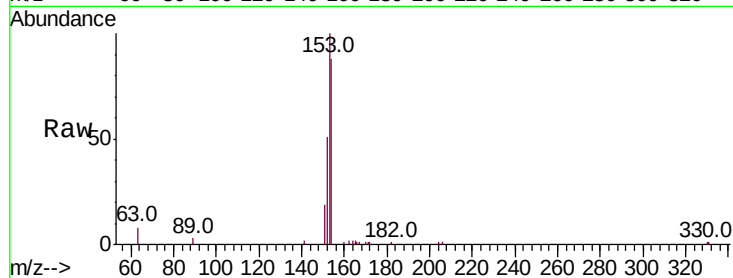
Tot Ion:154 Resp: 5029

Ion Ratio Lower Upper

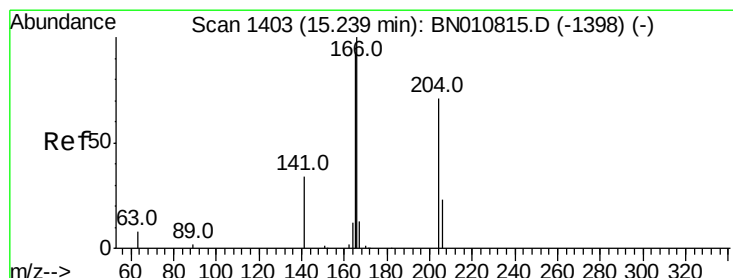
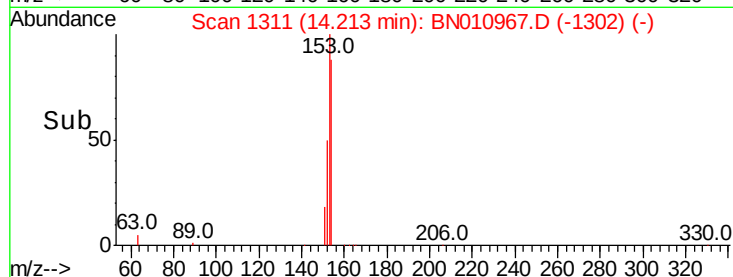
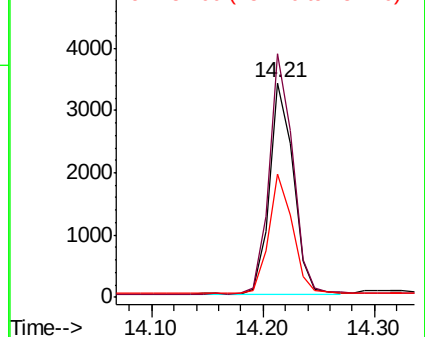
154 100

153 113.5 91.8 137.6

152 56.9 47.6 71.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.414 ng

RT: 15.22 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

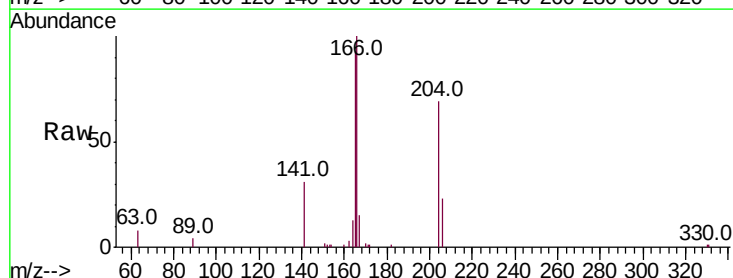
Tgt Ion:166 Resp: 6669

Ion Ratio Lower Upper

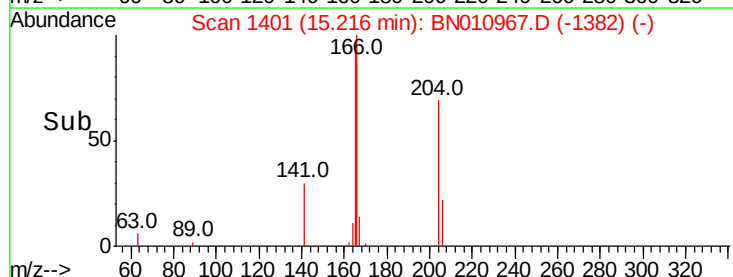
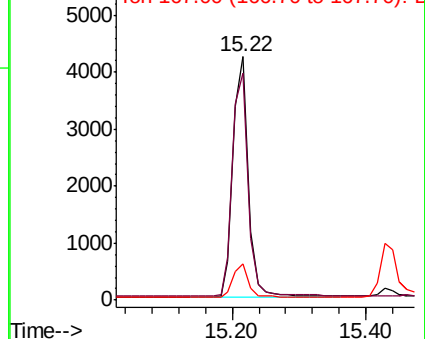
166 100

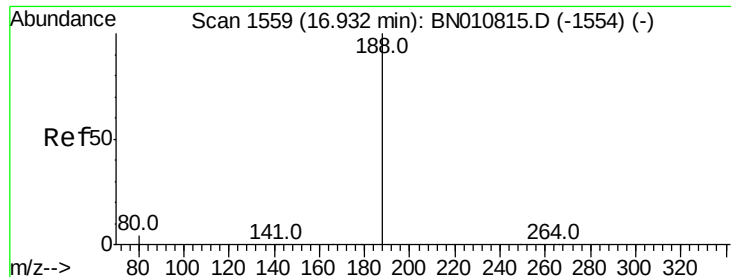
165 96.1 77.2 115.8

167 13.9 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

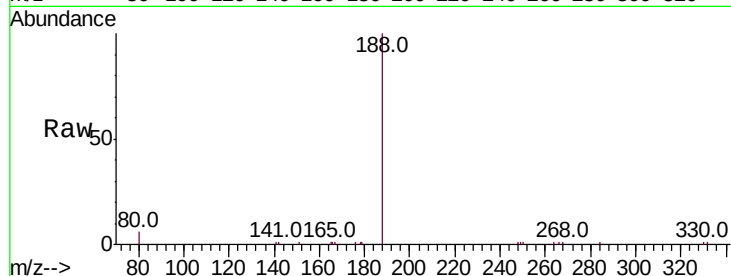
Tot Ion:188 Resp: 9071

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

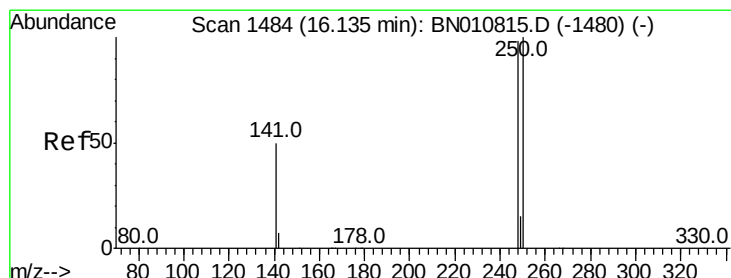
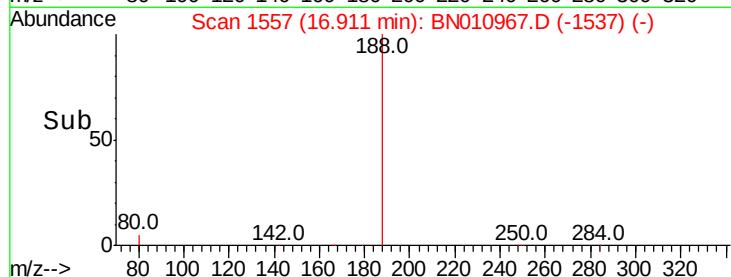
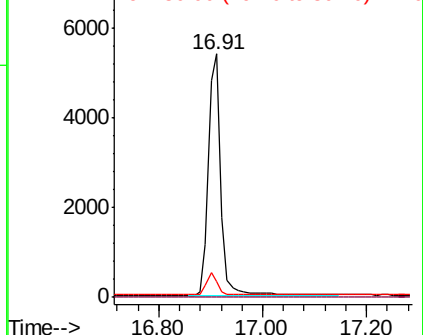
80 6.4 4.5 6.7



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: 0.405 ng

RT: 16.11 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

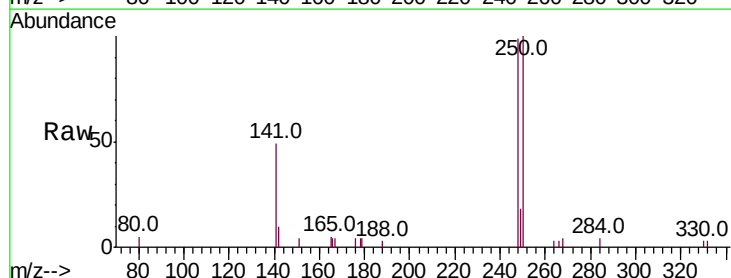
Tgt Ion:248 Resp: 2210

Ion Ratio Lower Upper

248 100

250 100.7 81.8 122.8

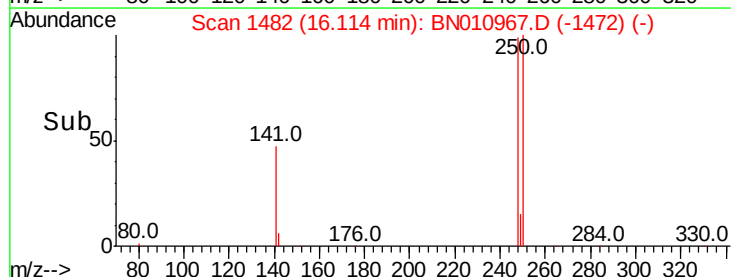
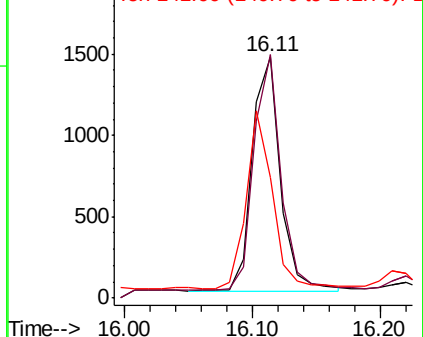
141 49.9 42.6 64.0

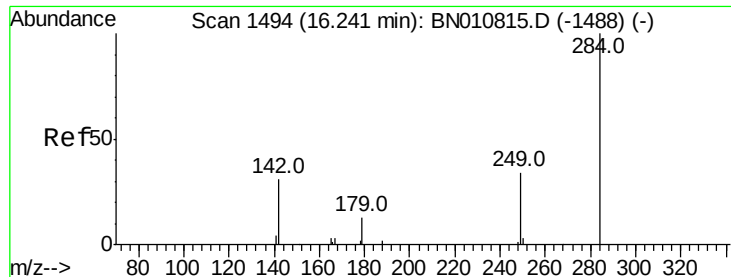


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 16.22 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

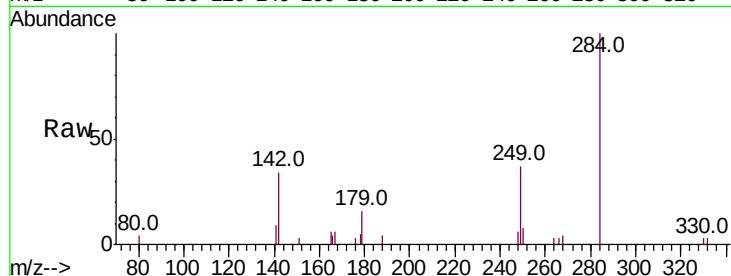
Tot Ion:284 Resp: 2258

Ion Ratio Lower Upper

284 100

142 39.3 31.0 46.4

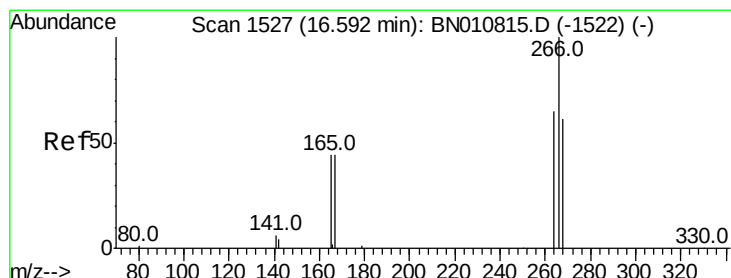
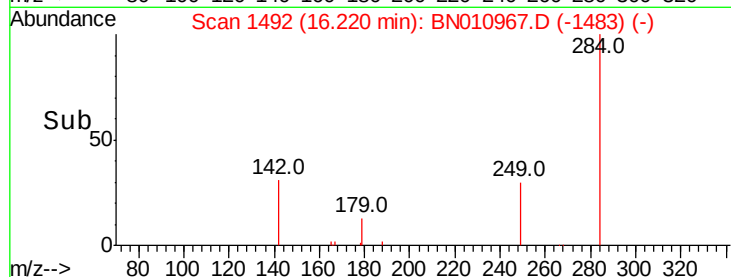
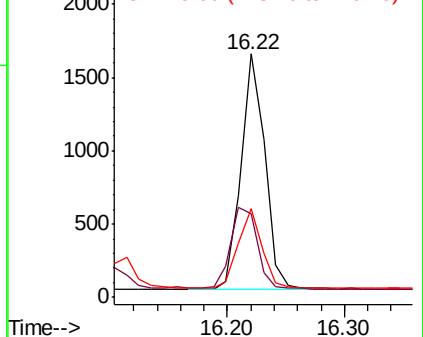
249 33.5 27.1 40.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.457 ng

RT: 16.57 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

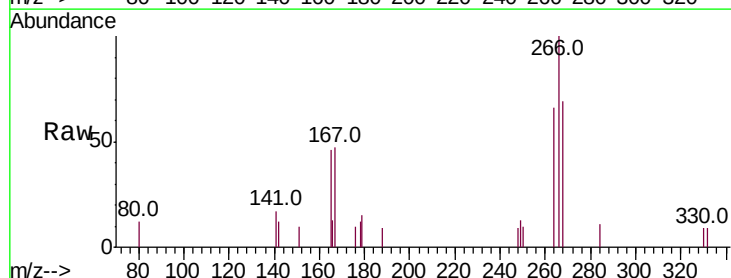
Tgt Ion:266 Resp: 873

Ion Ratio Lower Upper

266 100

264 66.2 54.8 82.2

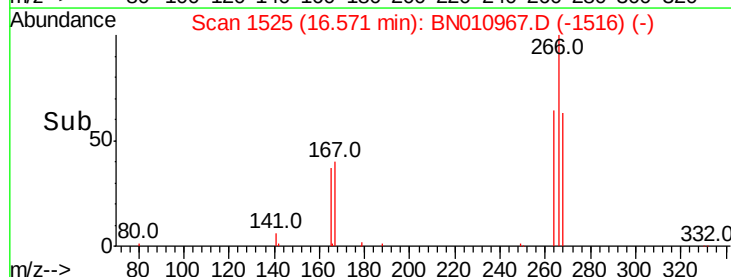
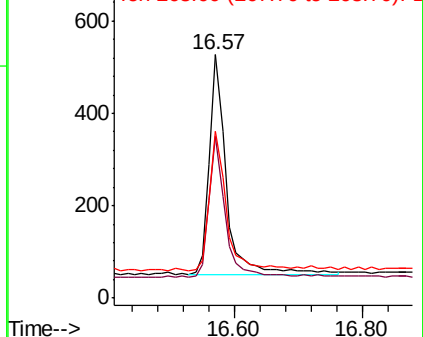
268 68.7 55.9 83.9

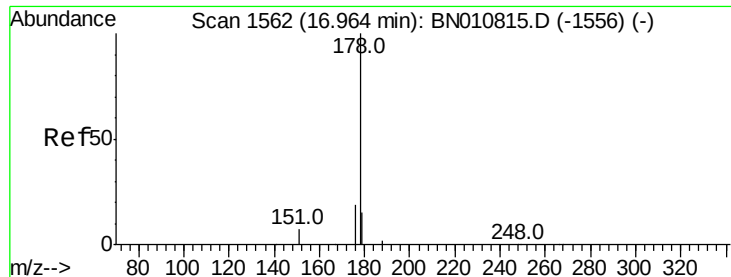


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.414 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

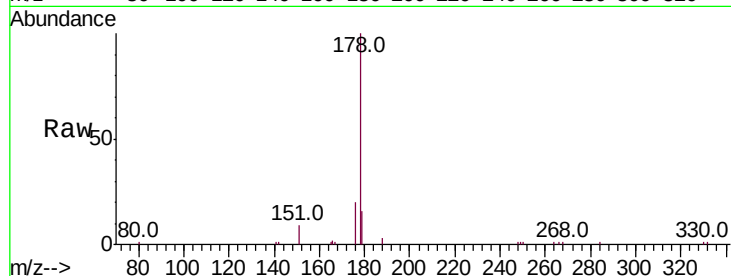
Tot Ion:178 Resp: 10247

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

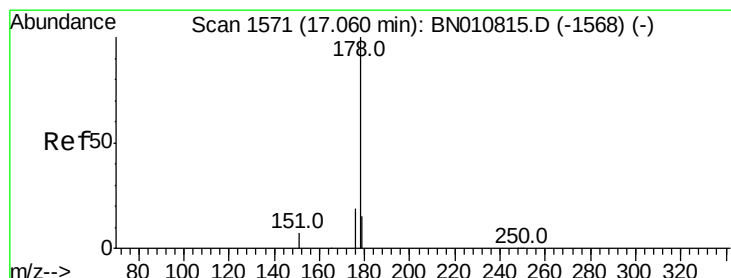
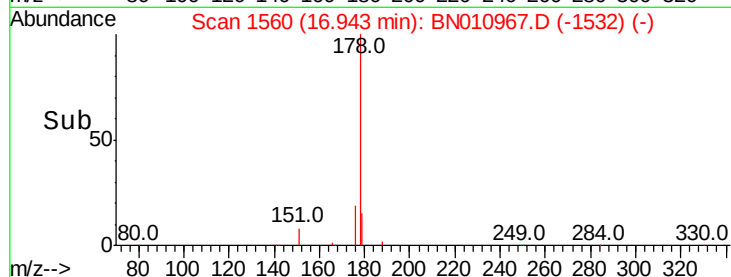
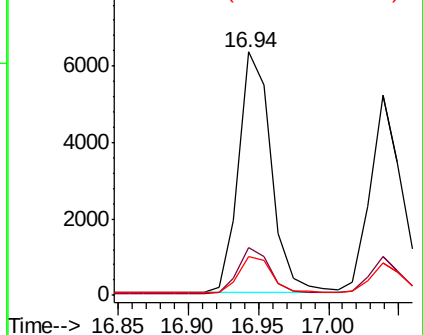
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.412 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

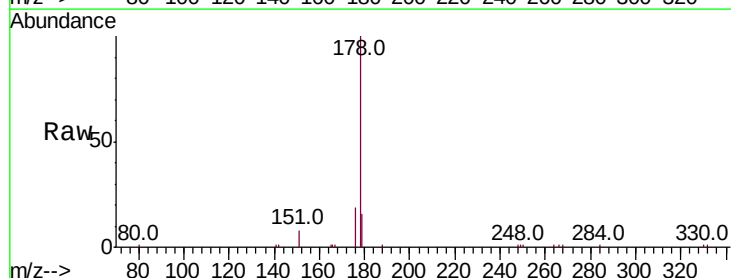
Tgt Ion:178 Resp: 8520

Ion Ratio Lower Upper

178 100

176 17.5 14.6 22.0

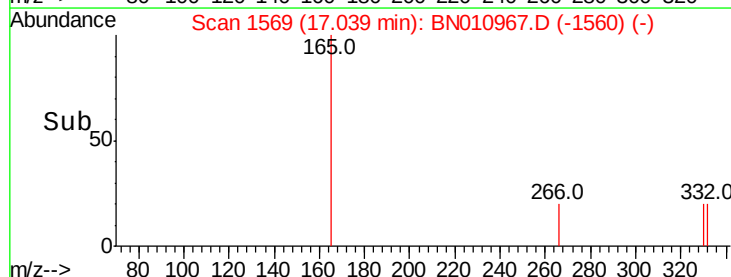
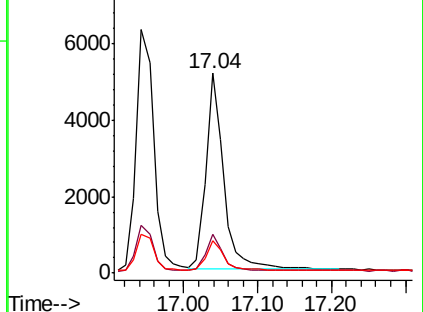
179 14.8 12.3 18.5

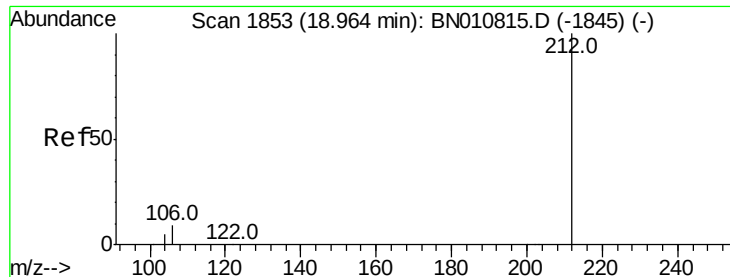


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

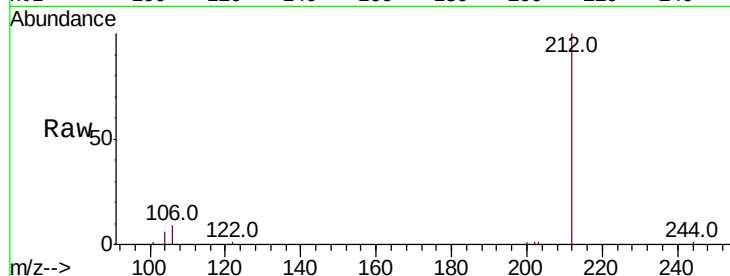
Tot Ion:212 Resp: 10129

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

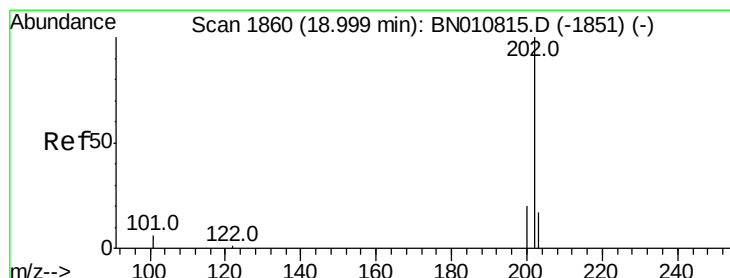
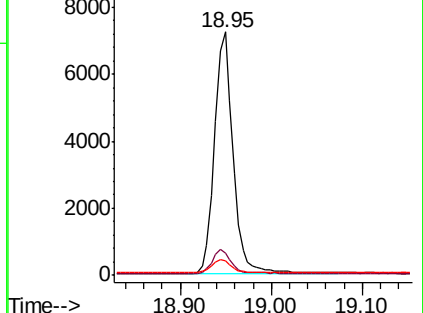
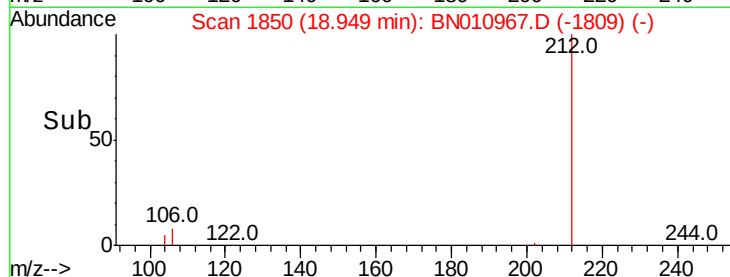
104 5.7 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.402 ng

RT: 18.98 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

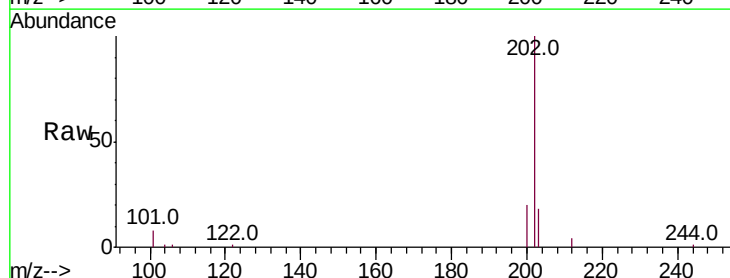
Tgt Ion:202 Resp: 11299

Ion Ratio Lower Upper

202 100

101 8.6 5.8 8.6

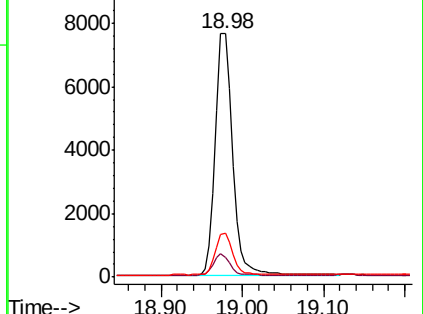
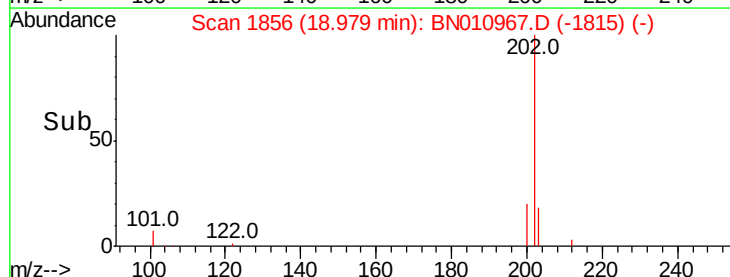
203 17.2 13.7 20.5

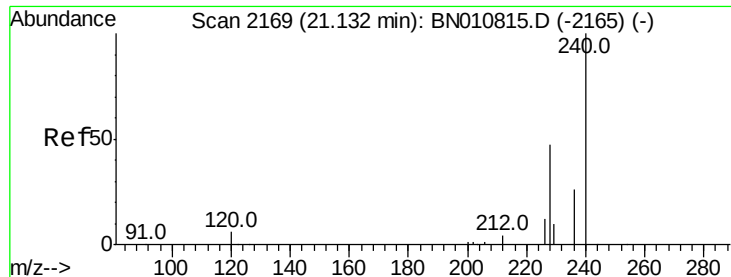


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

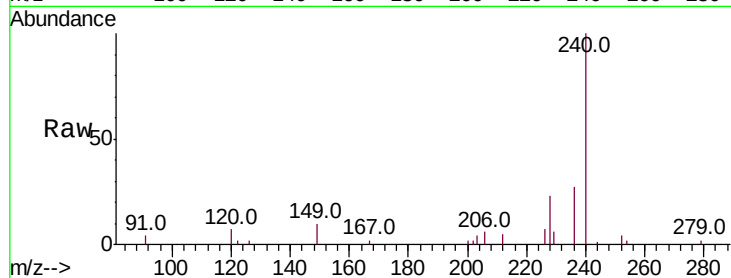
Tot Ion:240 Resp: 8319

Ion Ratio Lower Upper

240 100

120 7.3 7.5 11.3#

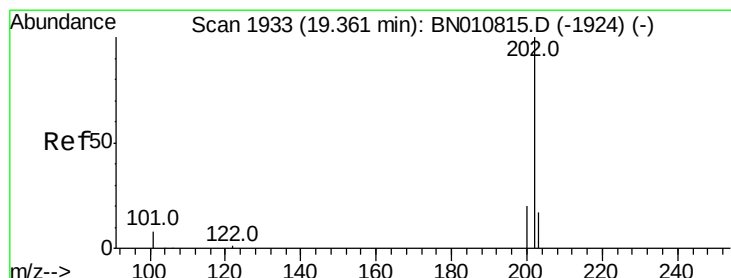
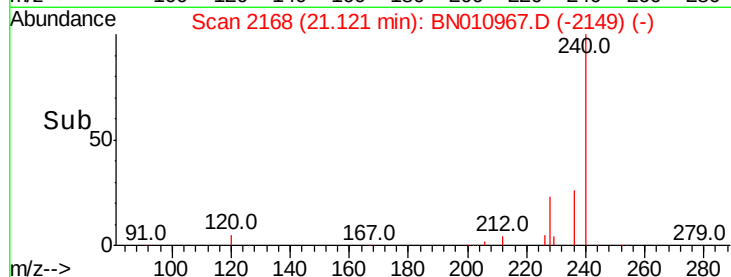
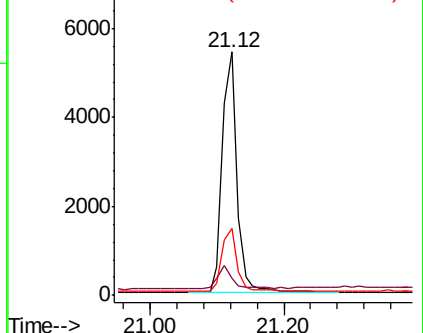
236 27.3 22.3 33.5



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: 0.413 ng

RT: 19.34 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

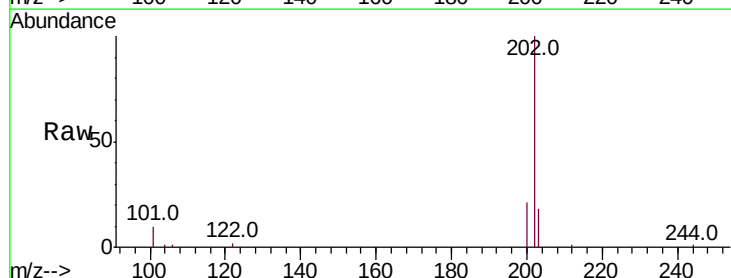
Tgt Ion:202 Resp: 11378

Ion Ratio Lower Upper

202 100

200 20.2 16.4 24.6

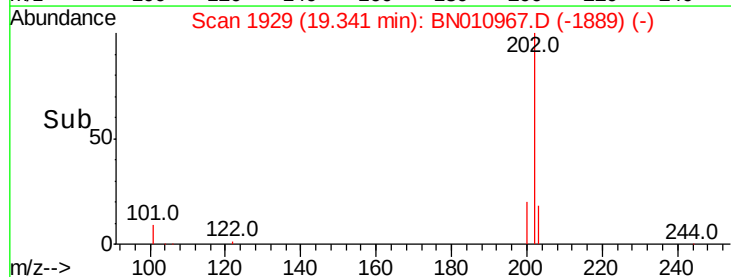
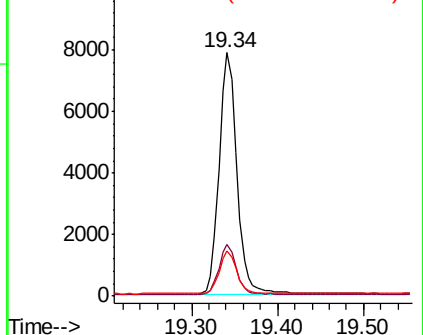
203 17.9 14.2 21.4

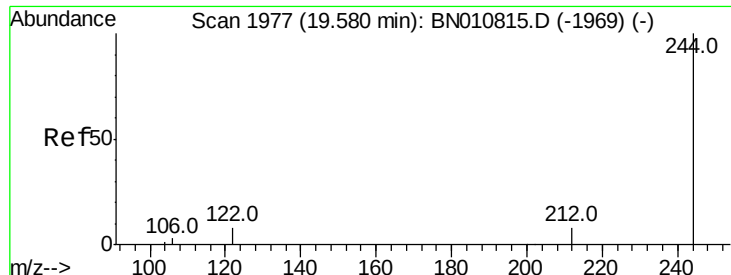


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.56 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

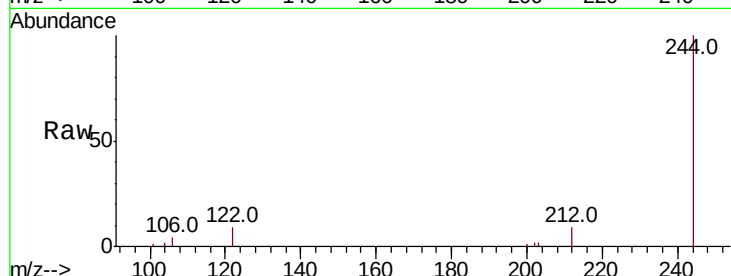
Tot Ion:244 Resp: 7927

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

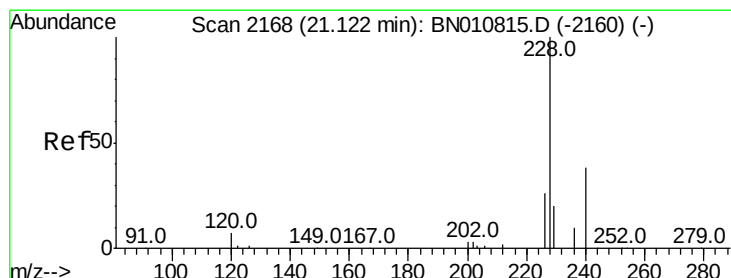
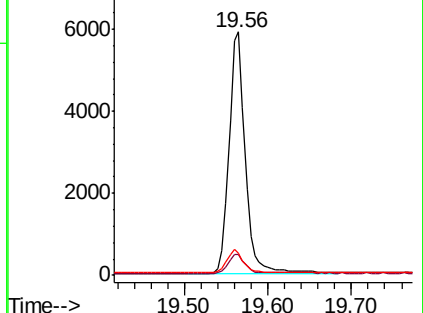
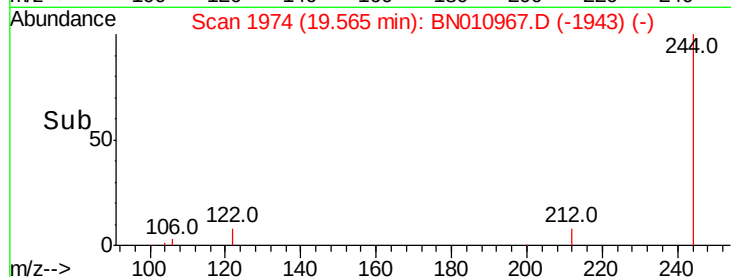
122 9.0 7.5 11.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.430 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

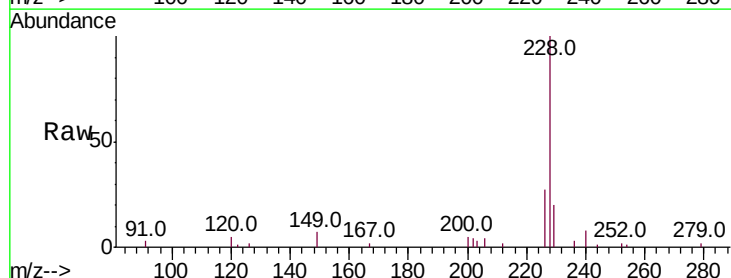
Tgt Ion:228 Resp: 10516

Ion Ratio Lower Upper

228 100

226 27.4 21.3 31.9

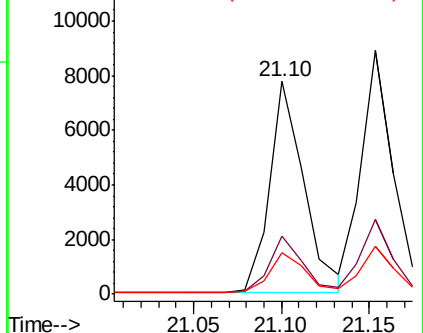
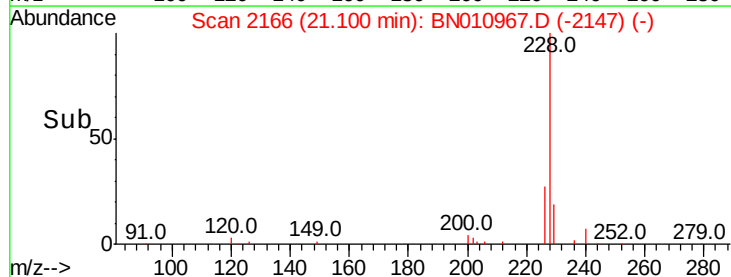
229 19.6 16.6 24.8

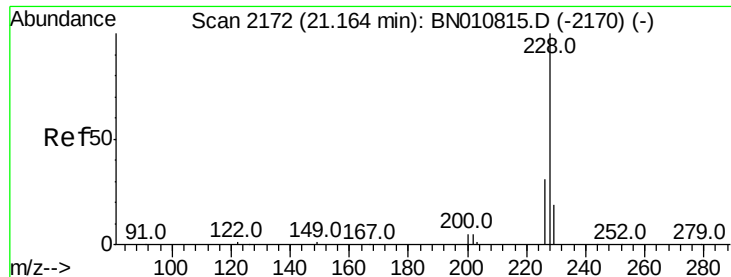


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

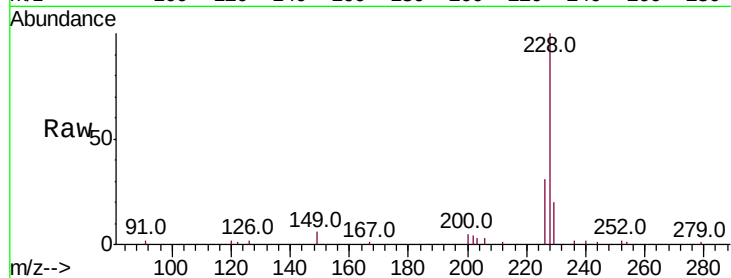
Tot Ion:228 Resp: 11324

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

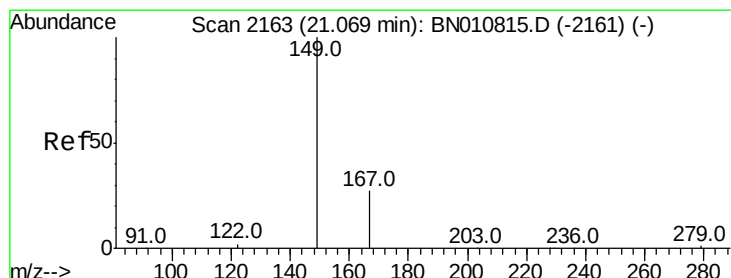
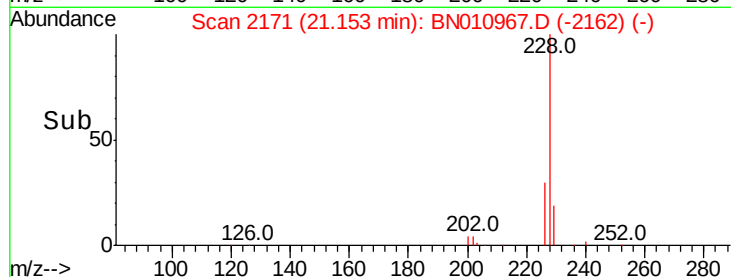
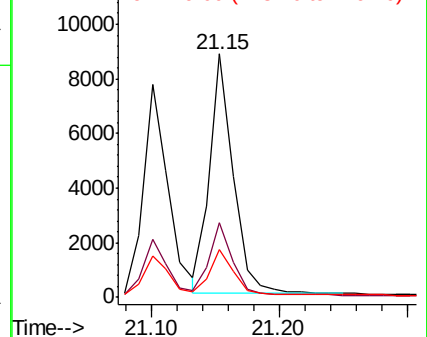
229 19.7 16.1 24.1



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: 0.496 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

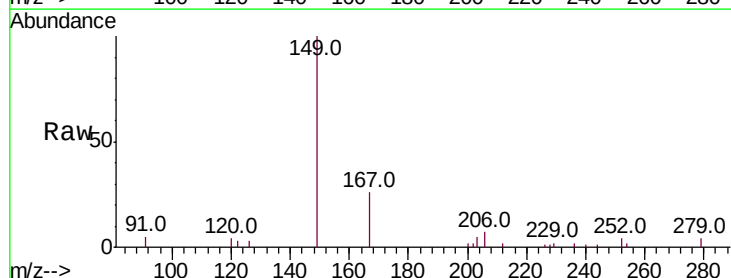
Tgt Ion:149 Resp: 4044

Ion Ratio Lower Upper

149 100

167 27.1 24.1 36.1

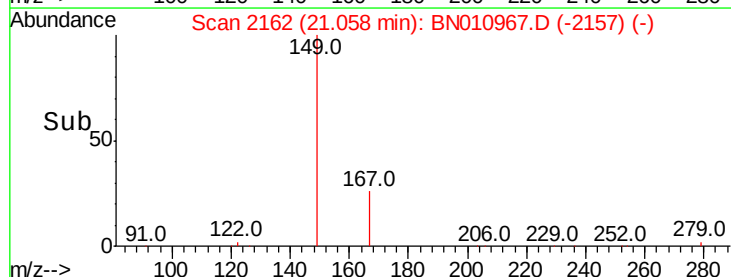
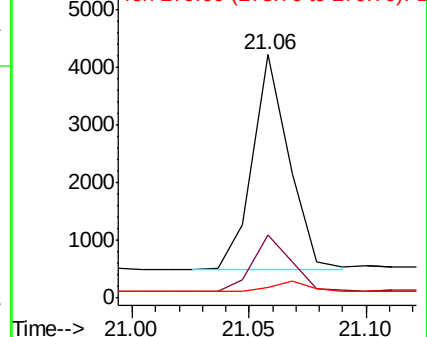
279 4.8 4.6 7.0

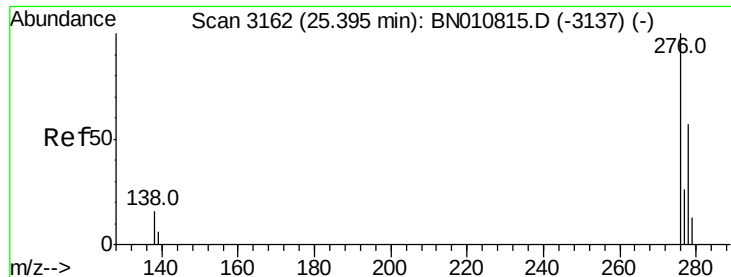


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.413 ng

RT: 25.36 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

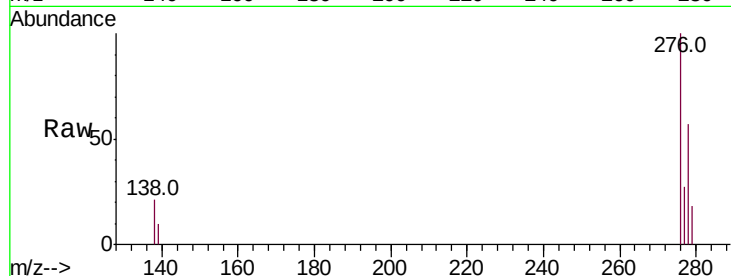
Tot Ion:276 Resp: 13160

Ion Ratio Lower Upper

276 100

138 20.1 13.0 19.6#

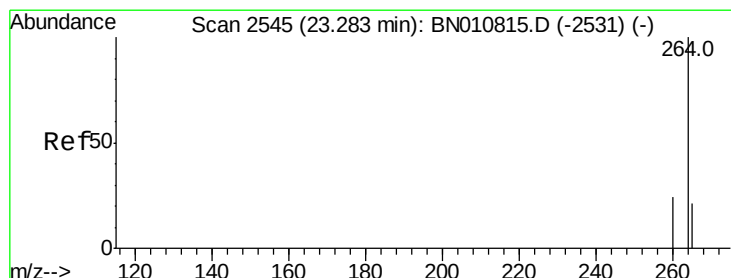
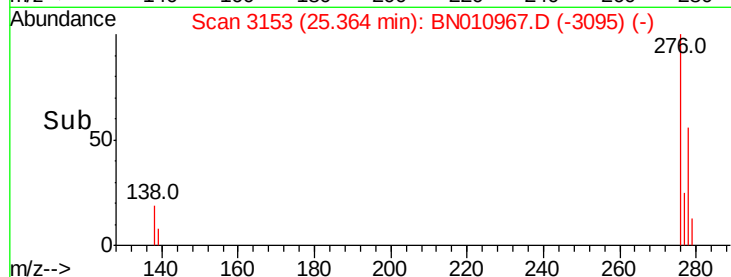
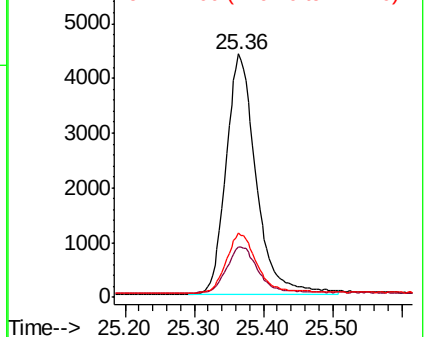
277 25.3 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

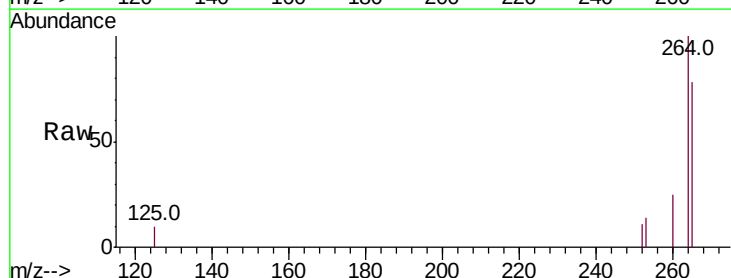
Tgt Ion:264 Resp: 8843

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

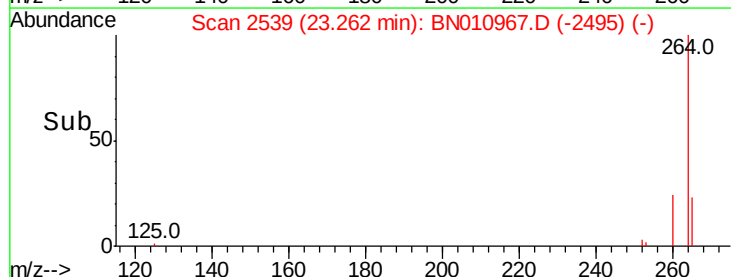
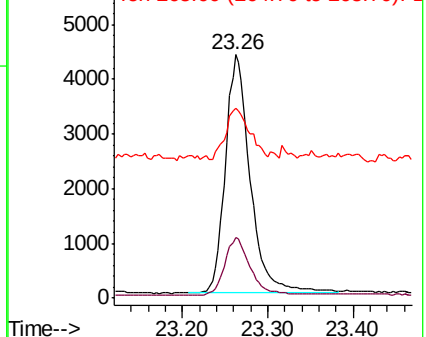
265 78.1 75.0 112.4

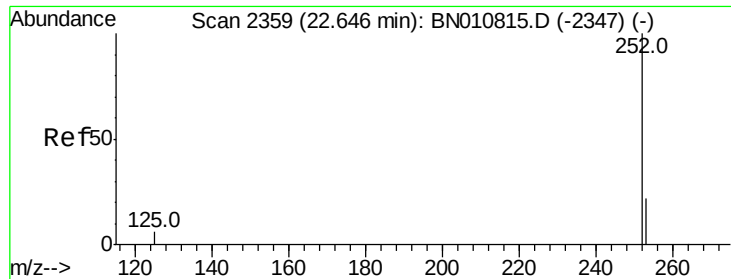


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.423 ng

RT: 22.63 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

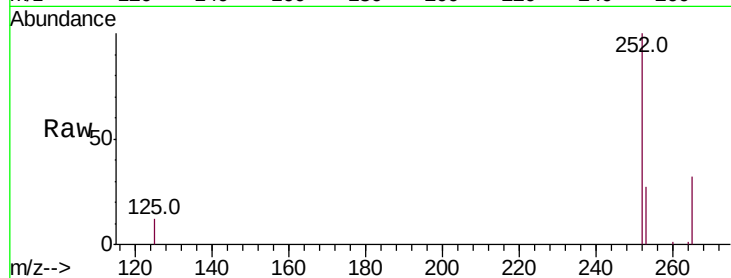
Tot Ion:252 Resp: 12711

Ion Ratio Lower Upper

252 100

253 27.3 22.4 33.6

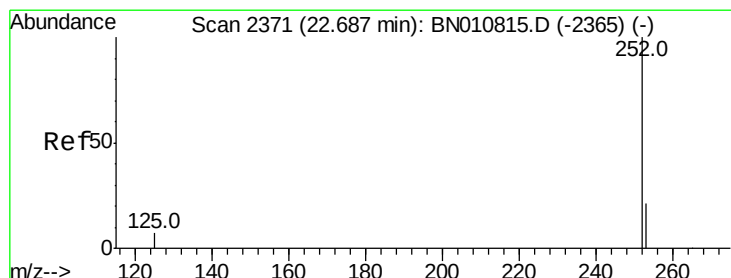
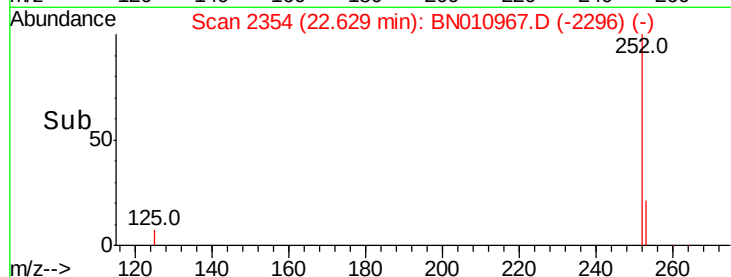
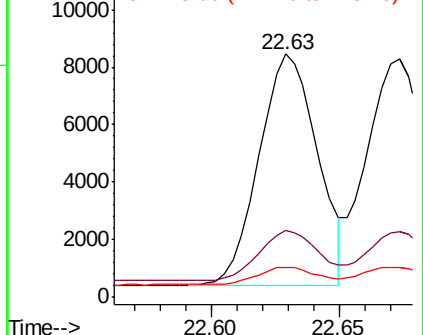
125 12.5 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.415 ng

RT: 22.67 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

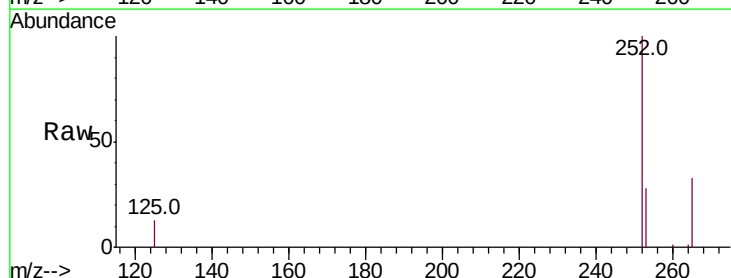
Tgt Ion:252 Resp: 13308

Ion Ratio Lower Upper

252 100

253 27.8 22.2 33.4

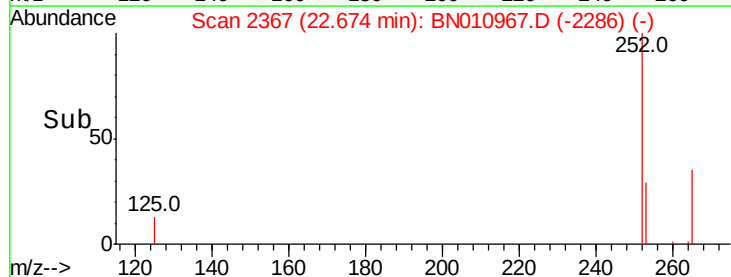
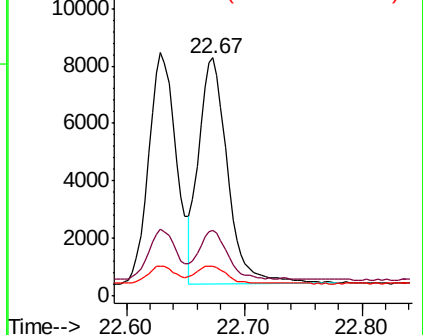
125 12.7 9.8 14.8

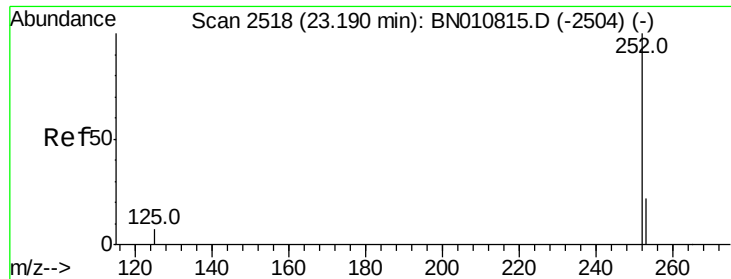


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.17 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

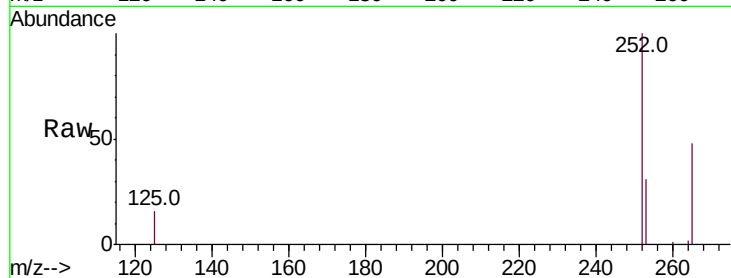
Tot Ion:252 Resp: 10344

Ion Ratio Lower Upper

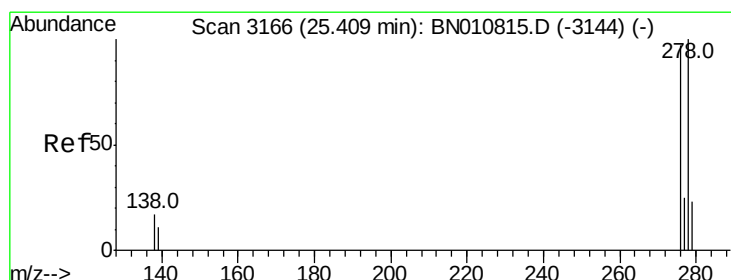
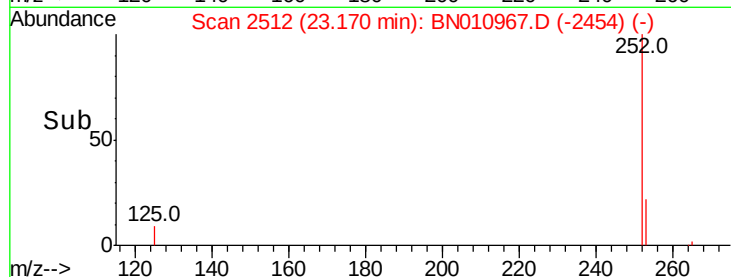
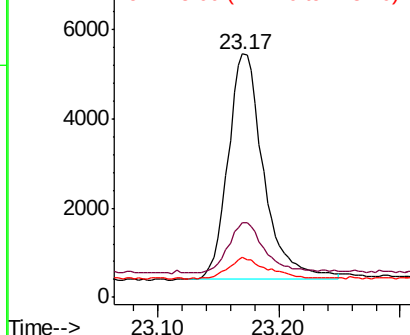
252 100

253 30.7 25.8 38.8

125 16.3 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.372 ng

RT: 25.38 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

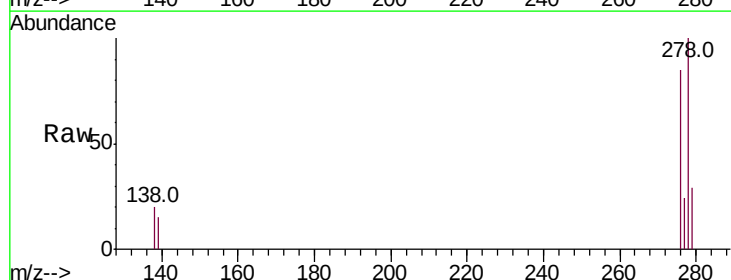
Tgt Ion:278 Resp: 10931

Ion Ratio Lower Upper

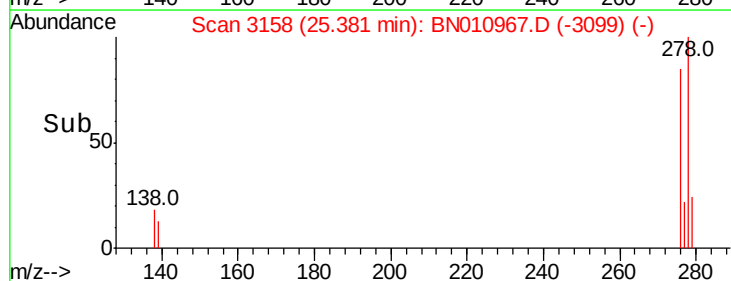
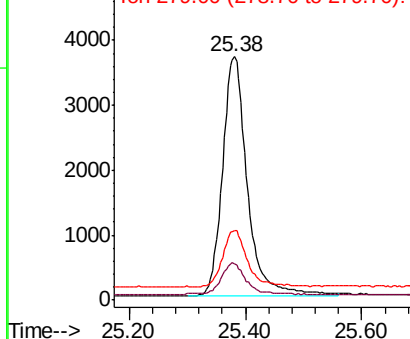
278 100

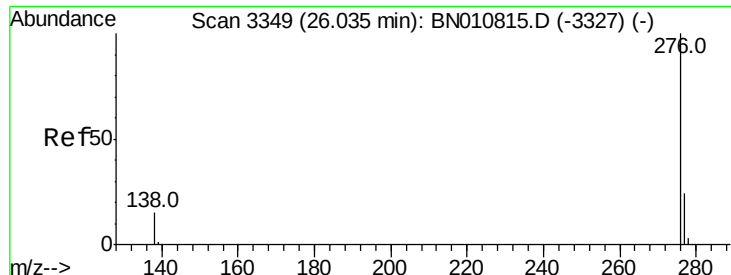
139 14.8 10.6 15.8

279 28.8 23.6 35.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.368 ng

RT: 26.00 min Scan# 3338

Delta R.T. -0.00 min

Lab File: BN010967.D

Acq: 19 Jun 2020 13:24

Instrument :

BNA_N

ClientSampleId :

PB129630BS

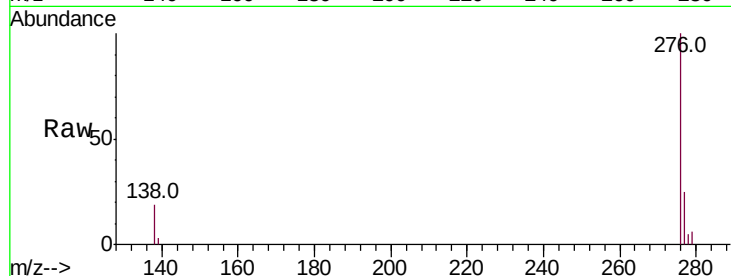
Tot Ion:276 Resp: 11324

Ion Ratio Lower Upper

276 100

277 25.2 20.5 30.7

138 19.3 13.7 20.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

