

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011005.D
 Acq On : 22 Jun 2020 12:40
 Operator : CG/JU
 Sample : PB129663BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BS

Quant Time: Jun 22 13:10:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2142	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	6208	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	3244	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	6593	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	5945	0.40	ng	-0.01
34) Perylene-d12	23.26	264	6471	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1747	0.42	ng	0.00
5) Phenol-d6	6.73	99	1760	0.36	ng	0.00
8) Nitrobenzene-d5	8.67	82	1937	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3897	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	447	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	5386	0.42	ng	0.00
25) Fluoranthene-d10	18.94	212	7148	0.39	ng	0.00
29) Terphenyl-d14	19.56	244	5670	0.41	ng	0.00

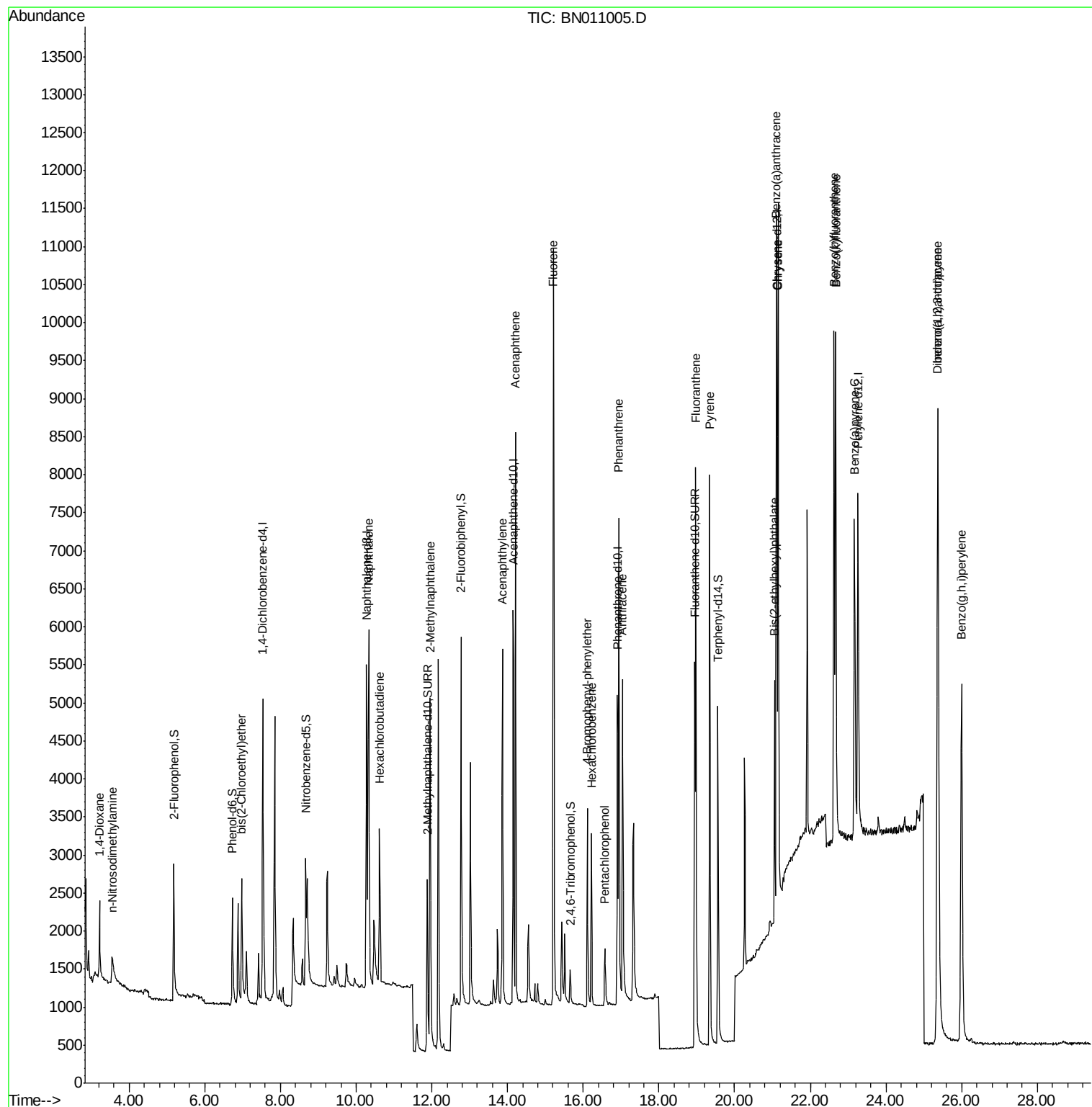
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	930	0.443	ng	98
3) n-Nitrosodimethylamine	3.55	42	506	0.415	ng	# 87
6) bis(2-Chloroethyl)ether	6.98	93	1683	0.354	ng	97
9) Naphthalene	10.33	128	6507	0.417	ng	100
10) Hexachlorobutadiene	10.62	225	1621	0.420	ng	# 99
12) 2-Methylnaphthalene	11.95	142	4210	0.403	ng	99
16) Acenaphthylene	13.87	152	5488	0.413	ng	99
17) Acenaphthene	14.21	154	3748	0.414	ng	99
18) Fluorene	15.21	166	5042	0.431	ng	97
20) 4-Bromophenyl-phenylether	16.11	248	1540	0.389	ng	98
21) Hexachlorobenzene	16.22	284	1672	0.405	ng	97
22) Pentachlorophenol	16.57	266	506	0.365	ng	98
23) Phenanthrene	16.94	178	7180	0.399	ng	99
24) Anthracene	17.04	178	5841	0.389	ng	99
26) Fluoranthene	18.98	202	8020	0.392	ng	100
28) Pyrene	19.34	202	7962	0.405	ng	100
30) Benzo(a)anthracene	21.10	228	7424	0.425	ng	98
31) Chrysene	21.15	228	8410	0.413	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	2679	0.460	ng	97
33) Indeno(1,2,3-cd)pyrene	25.36	276	11661	0.512	ng	98
35) Benzo(b)fluoranthene	22.63	252	8533	0.388	ng	99
36) Benzo(k)fluoranthene	22.67	252	9077	0.387	ng	98
37) Benzo(a)pyrene	23.17	252	7549	0.400	ng	99
38) Dibenzo(a,h)anthracene	25.38	278	9528	0.443	ng	99
39) Benzo(g,h,i)perylene	26.00	276	10280	0.457	ng	100

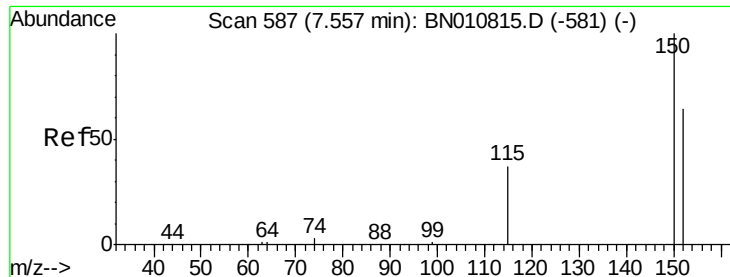
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 13:10:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration



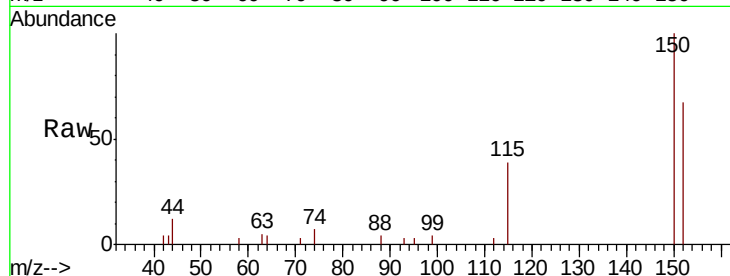


#1

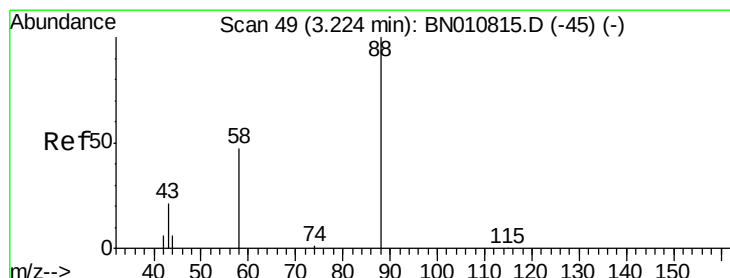
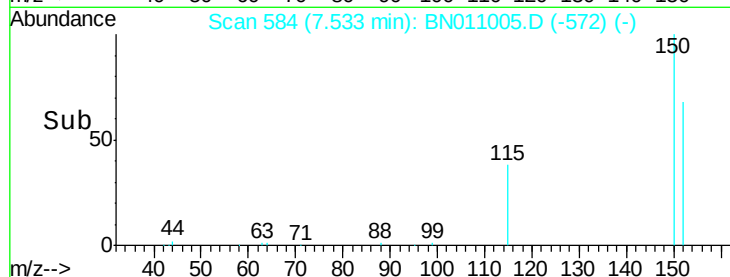
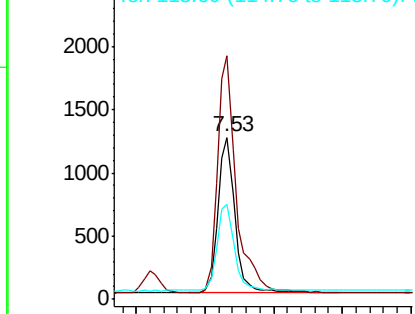
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tot Ion:152 Resp: 2142
Ion Ratio Lower Upper
152 100
150 150.2 123.8 185.6
115 59.0 49.2 73.8



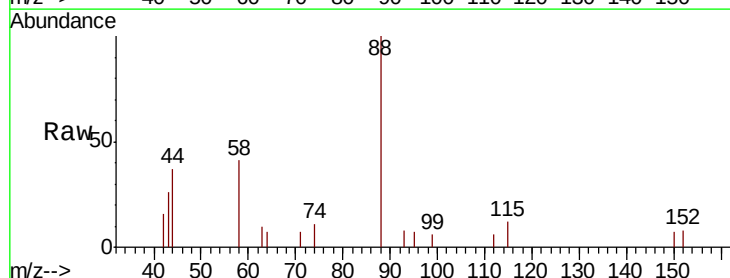
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



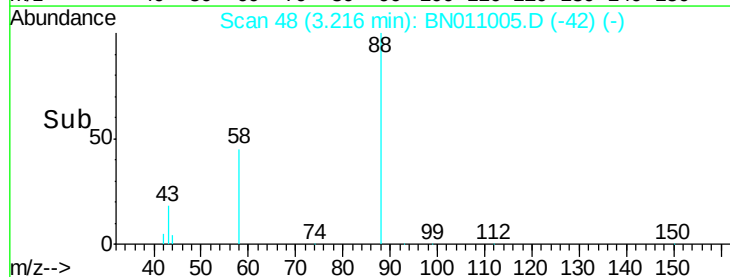
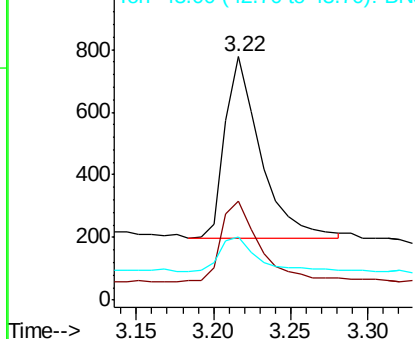
#2

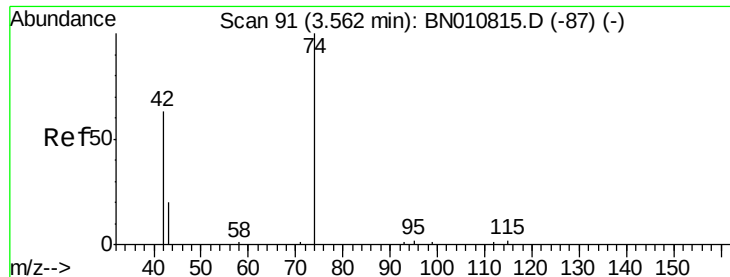
1,4-Dioxane
Concen: 0.443 ng
RT: 3.22 min Scan# 48
Delta R.T. 0.00 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

Tgt Ion: 88 Resp: 930
Ion Ratio Lower Upper
88 100
58 46.5 38.2 57.4
43 20.2 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: 0.415 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

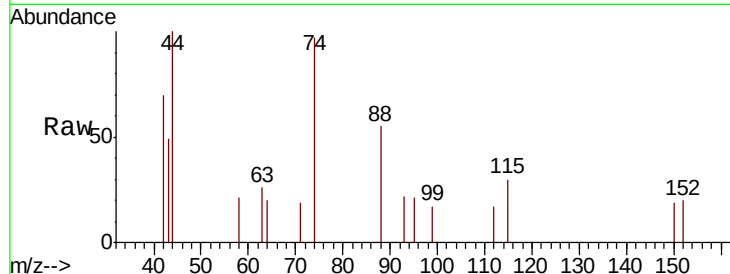
Tot Ion: 42 Resp: 506

Ion Ratio Lower Upper

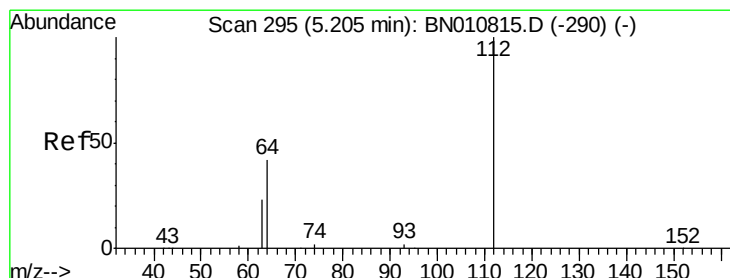
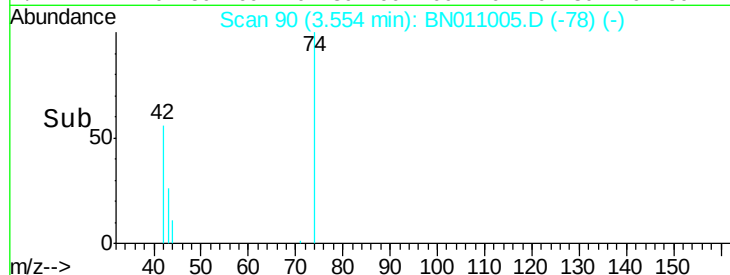
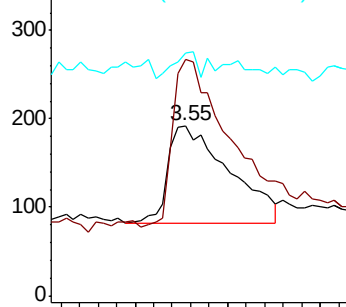
42 100

74 158.5 140.7 211.1

44 9.1 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: 0.422 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

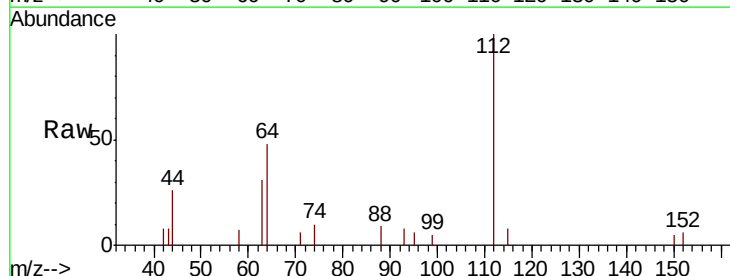
Tgt Ion: 112 Resp: 1747

Ion Ratio Lower Upper

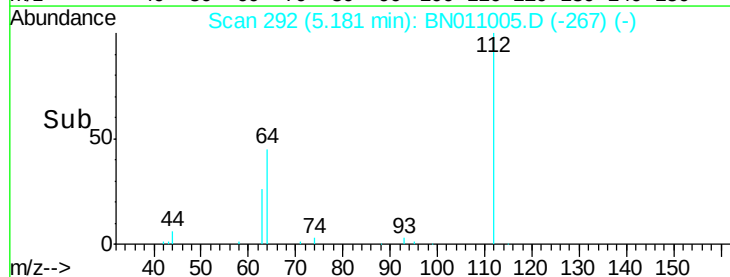
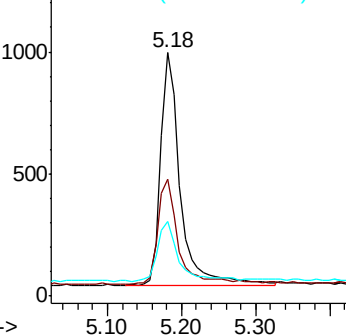
112 100

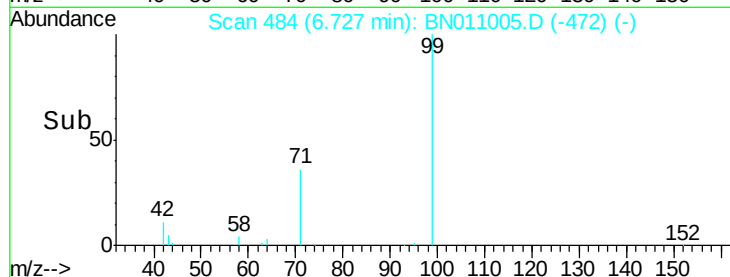
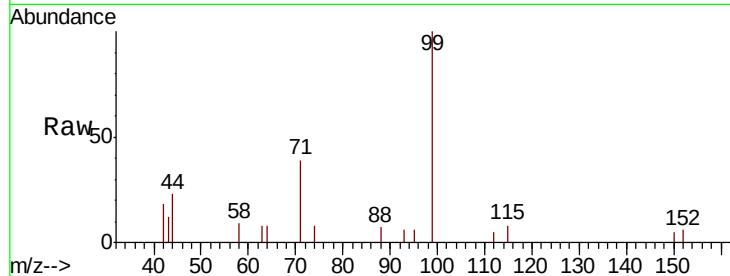
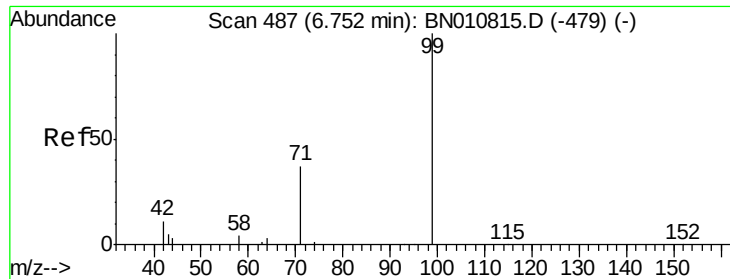
64 46.7 37.4 56.0

63 26.3 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: 0.361 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

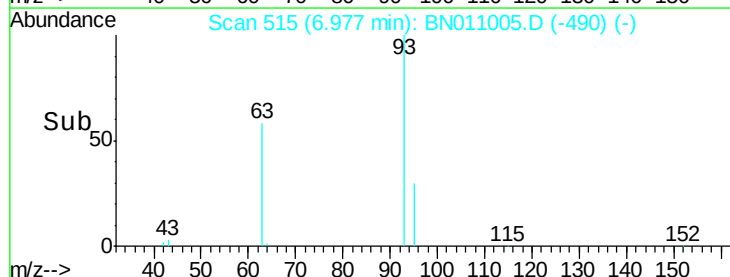
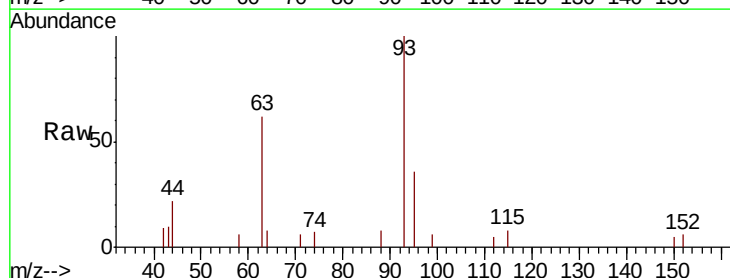
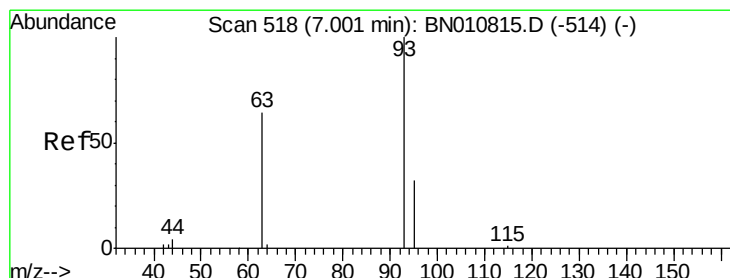
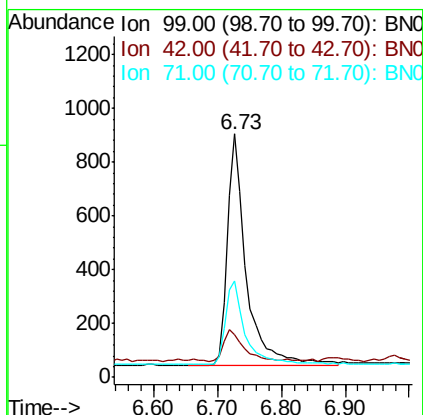
Tot Ion: 99 Resp: 1760

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

71 37.3 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.354 ng

RT: 6.98 min Scan# 515

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

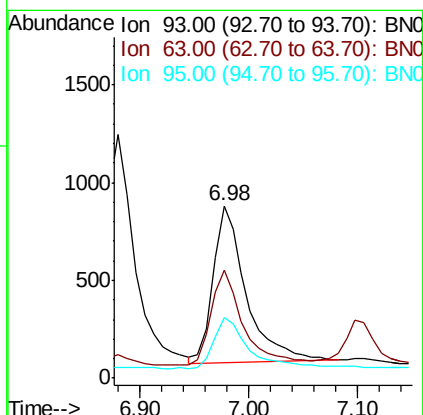
Tgt Ion: 93 Resp: 1683

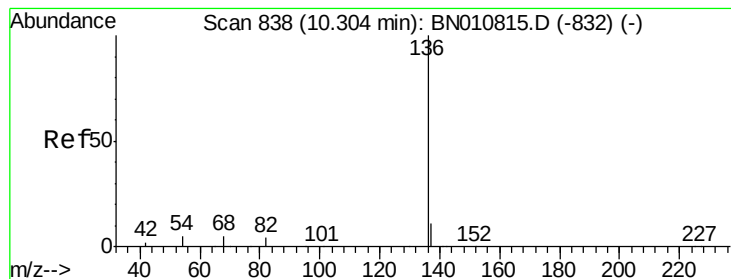
Ion Ratio Lower Upper

93 100

63 60.2 49.4 74.2

95 36.8 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

Tot Ion:136 Resp: 6208

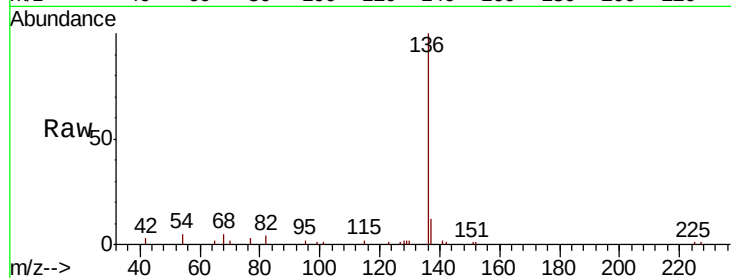
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 4.7 4.9 7.3#

68 5.0 4.7 7.1

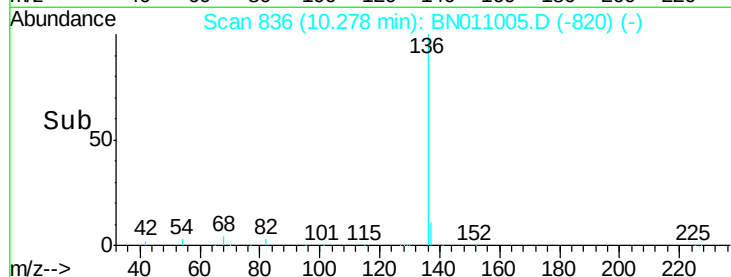


Abundance Ion 136.00 (135.70 to 136.70): E

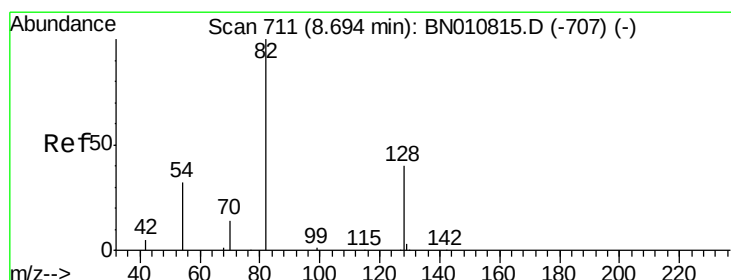
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.422 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

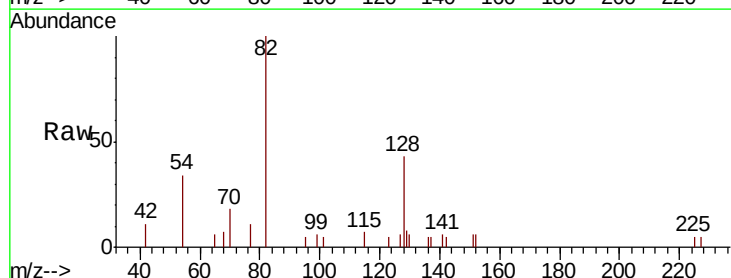
Tgt Ion: 82 Resp: 1937

Ion Ratio Lower Upper

82 100

128 43.4 35.4 53.0

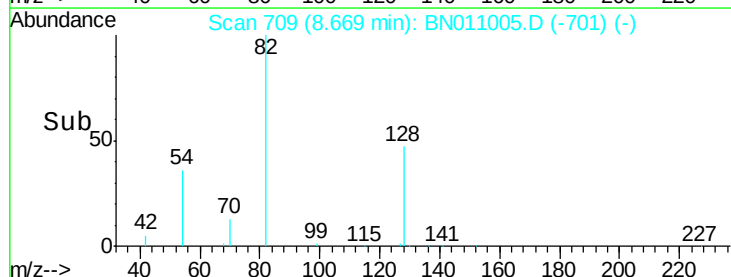
54 34.0 28.2 42.4



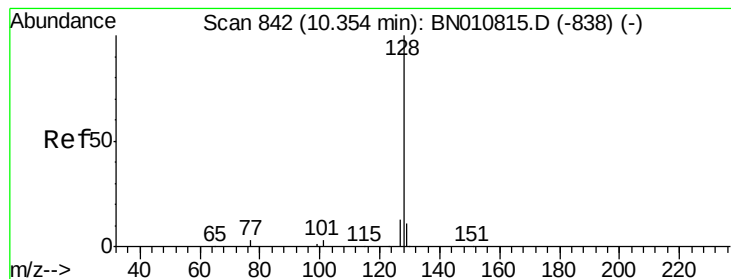
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.417 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

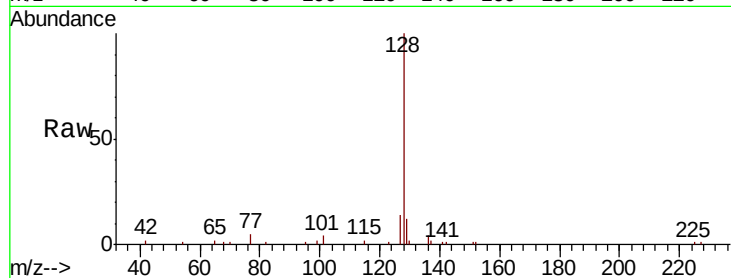
Tot Ion:128 Resp: 6507

Ion Ratio Lower Upper

128 100

129 12.2 9.6 14.4

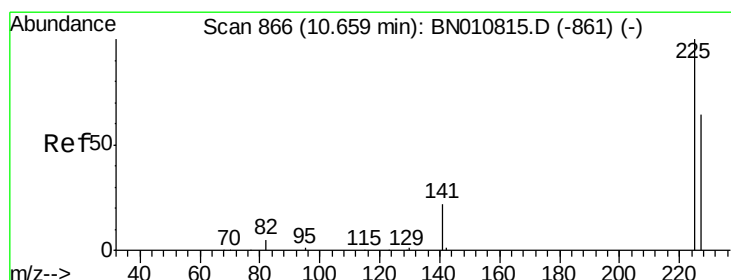
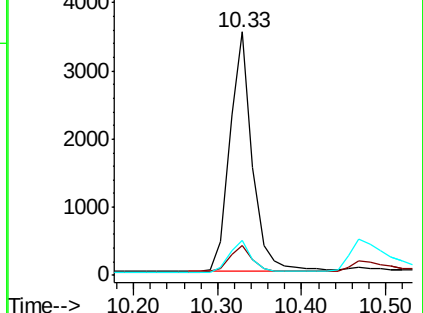
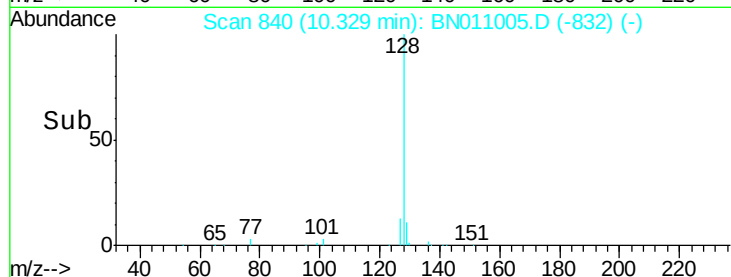
127 14.5 11.4 17.2



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: 0.420 ng

RT: 10.62 min Scan# 863

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

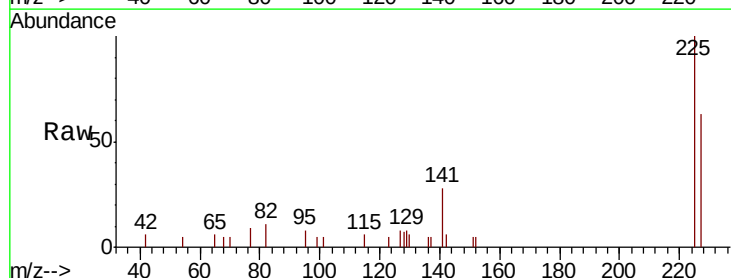
Tgt Ion:225 Resp: 1621

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

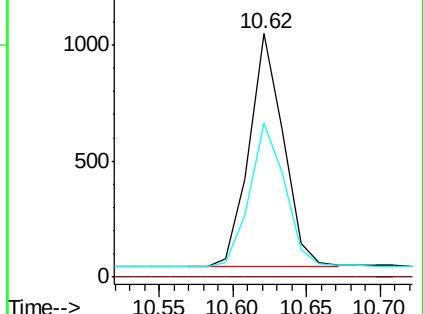
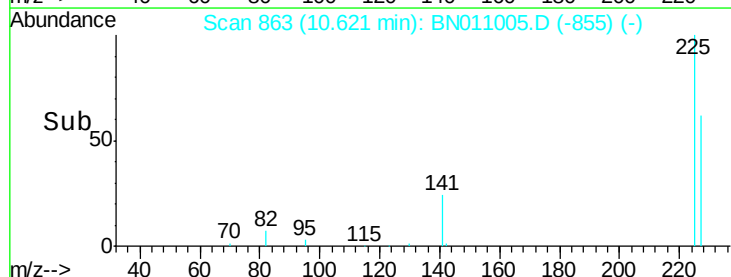
227 63.5 50.5 75.7

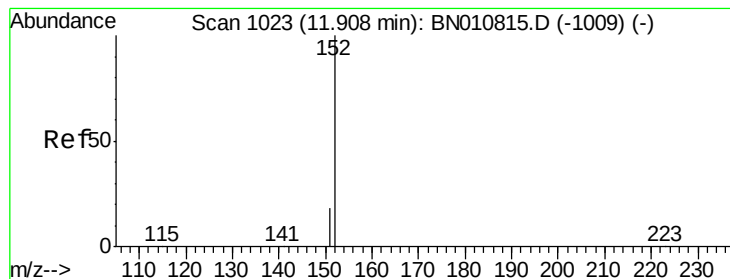


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 11.88 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

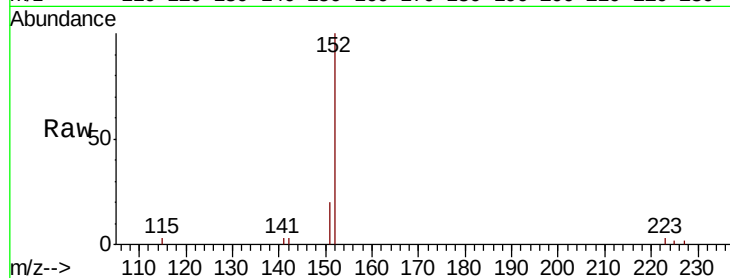
PB129663BS

Tot Ion:152 Resp: 3897

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

1500

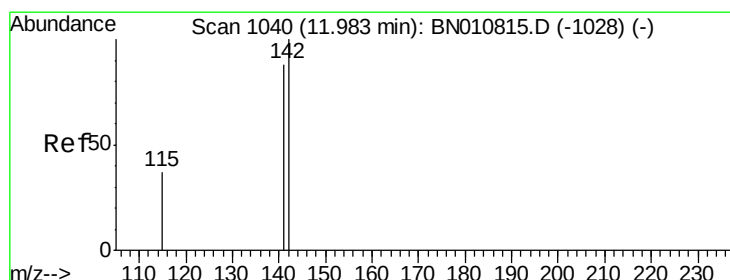
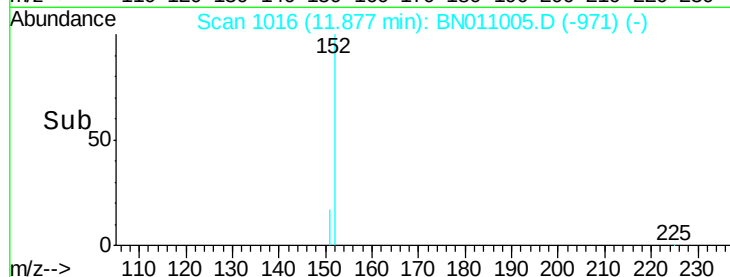
1000

500

0

11.88

Time-->



#12

2-Methylnaphthalene

Concen: 0.403 ng

RT: 11.95 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

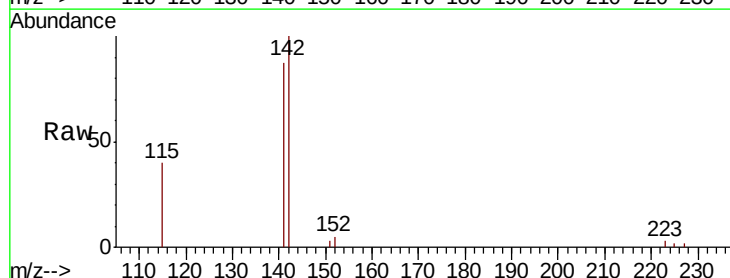
Tgt Ion:142 Resp: 4210

Ion Ratio Lower Upper

142 100

141 86.8 70.8 106.2

115 39.8 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

3000

2500

2000

1500

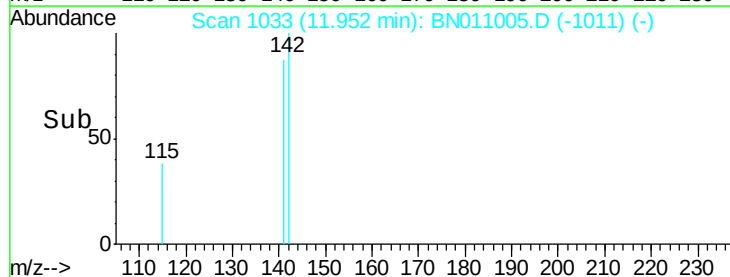
1000

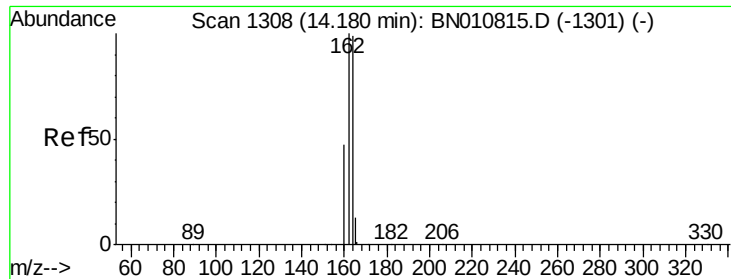
500

0

11.95

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

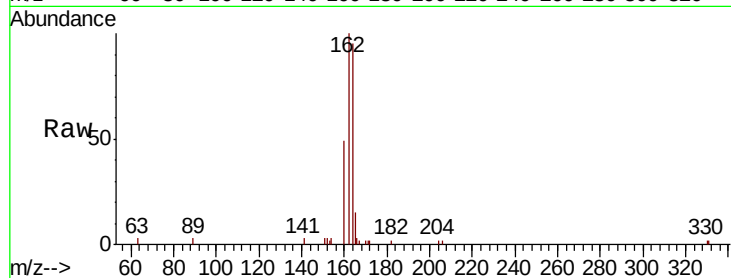
Tot Ion:164 Resp: 3244

Ion Ratio Lower Upper

164 100

162 105.5 81.0 121.6

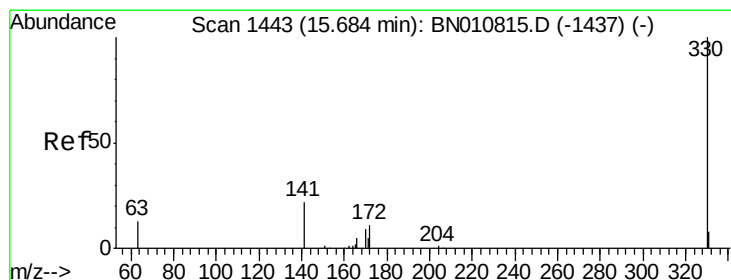
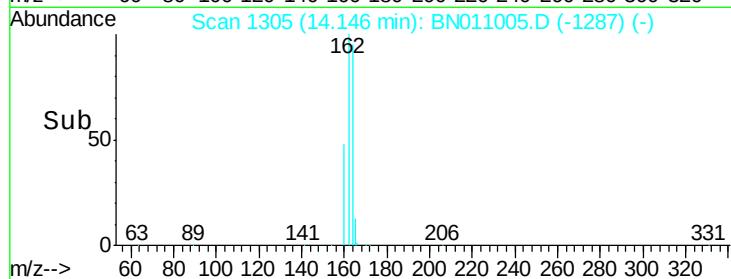
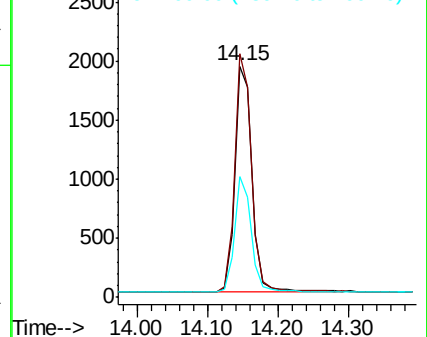
160 52.1 38.9 58.3



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: 0.385 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

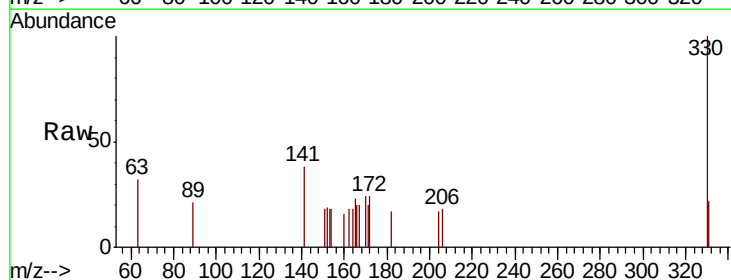
Tgt Ion:330 Resp: 447

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

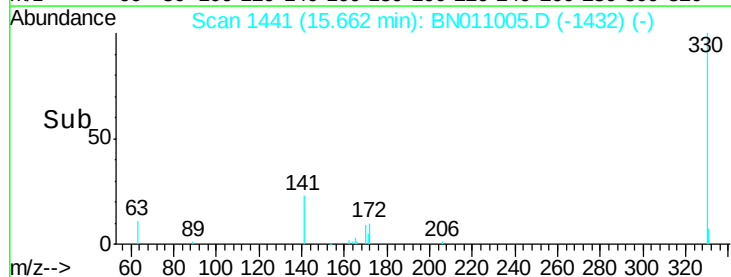
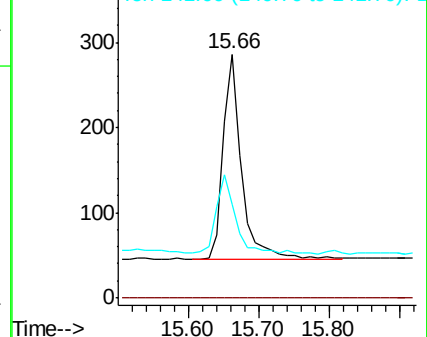
141 39.1 33.2 49.8

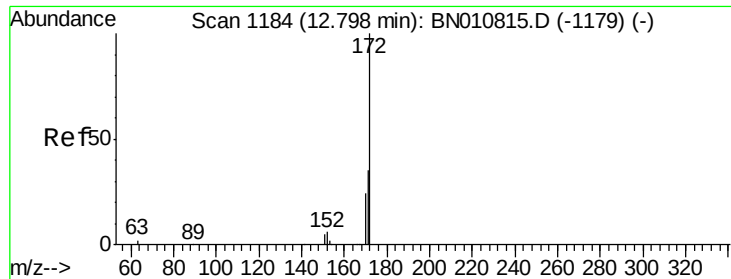


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

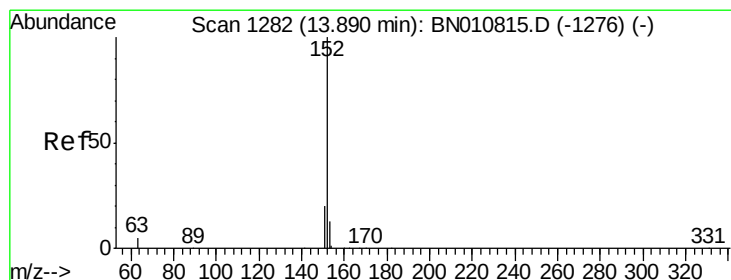
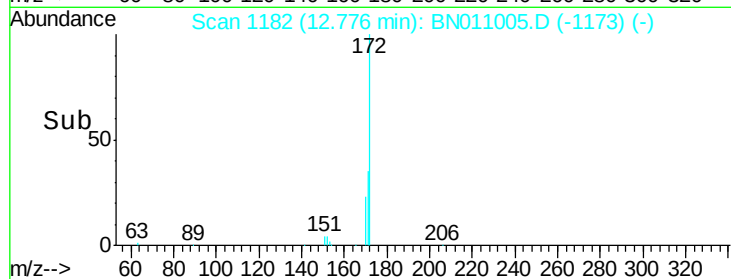
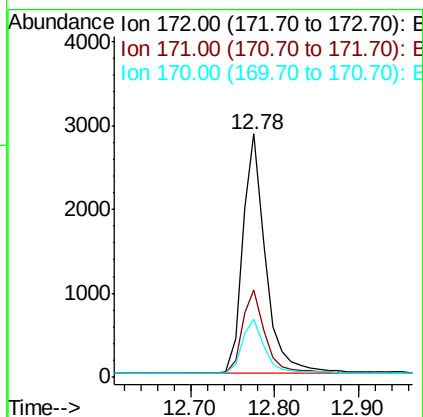
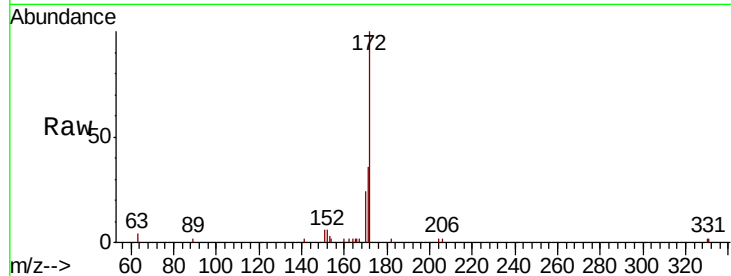




#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

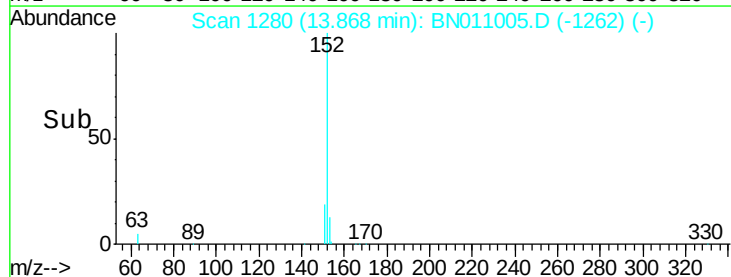
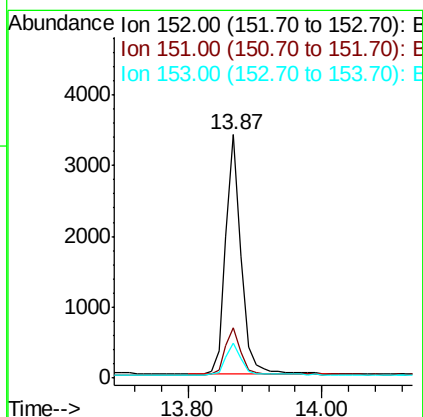
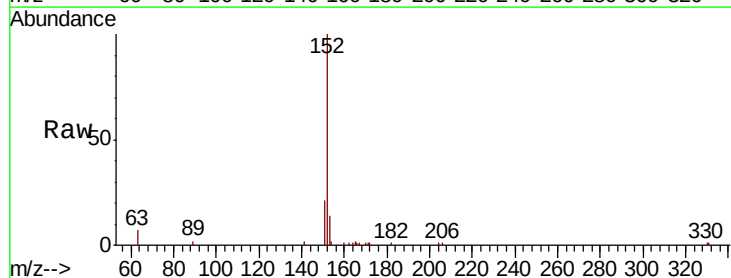
Instrument :
BNA_N
ClientSampleId :
PB129663BS

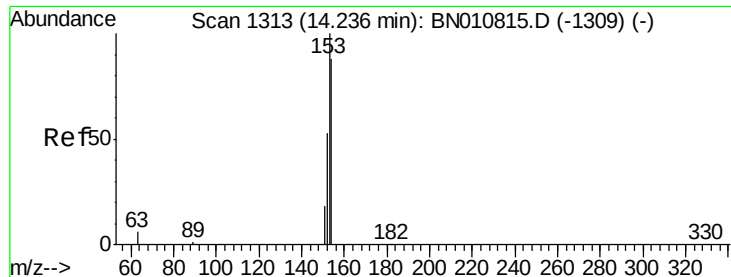
Tot Ion:172 Resp: 5386
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 19.7 29.5



#16
Acenaphthylene
Concen: 0.413 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

Tgt Ion:152 Resp: 5488
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.414 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

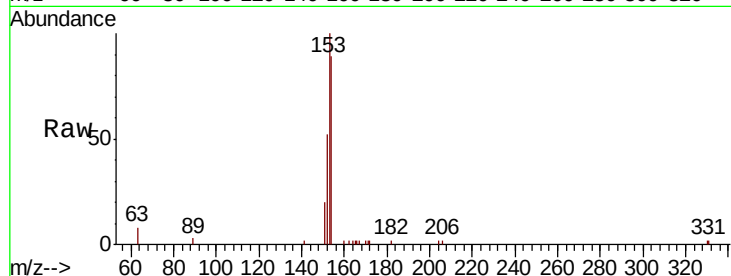
Tot Ion:154 Resp: 3748

Ion Ratio Lower Upper

154 100

153 113.5 91.8 137.6

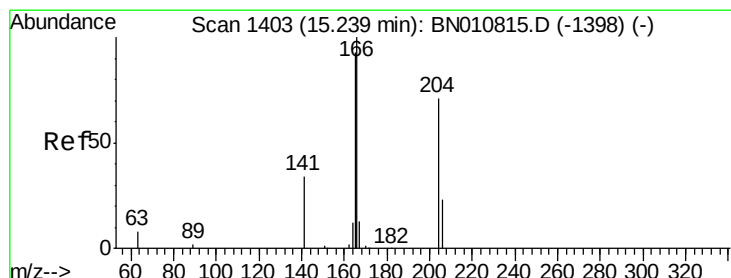
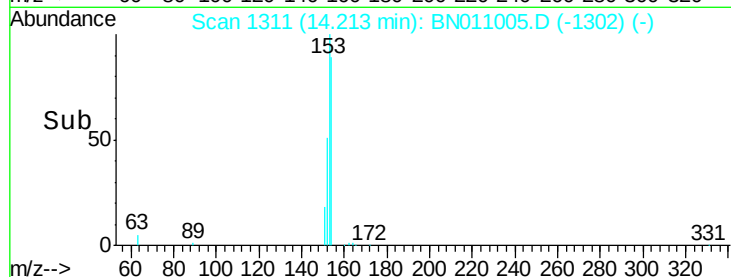
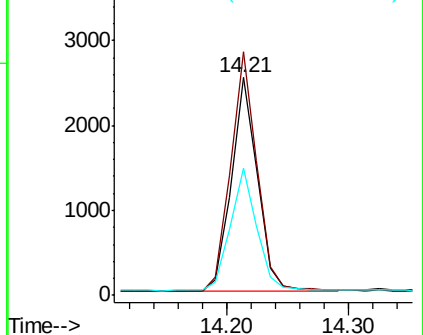
152 58.9 47.6 71.4



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: 0.431 ng

RT: 15.21 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

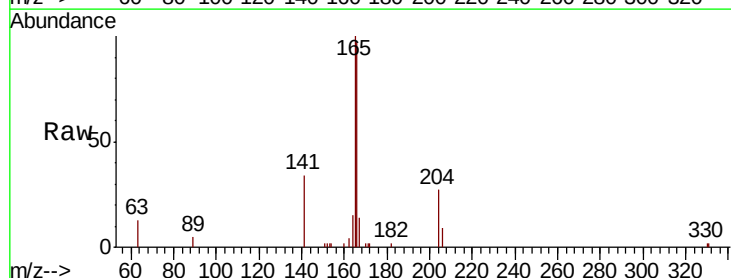
Tgt Ion:166 Resp: 5042

Ion Ratio Lower Upper

166 100

165 99.3 77.2 115.8

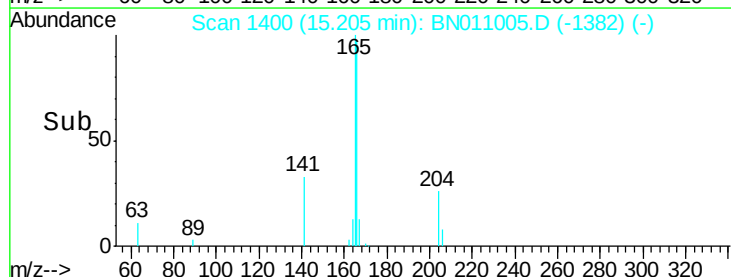
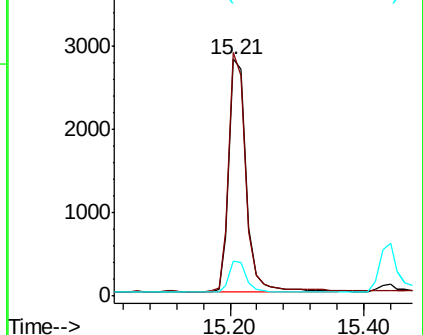
167 13.6 10.7 16.1

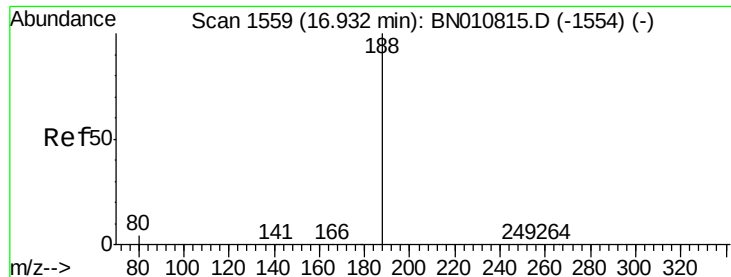


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

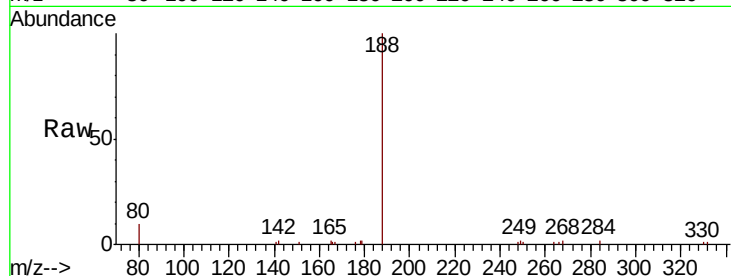
Tot Ion:188 Resp: 6593

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

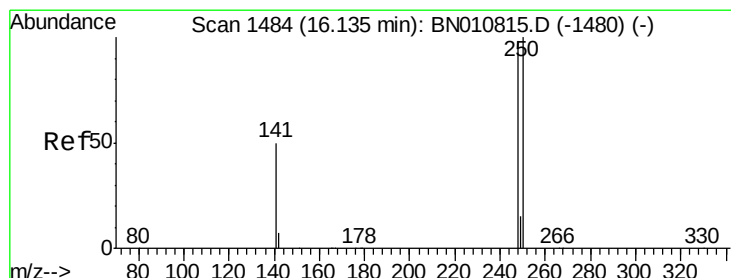
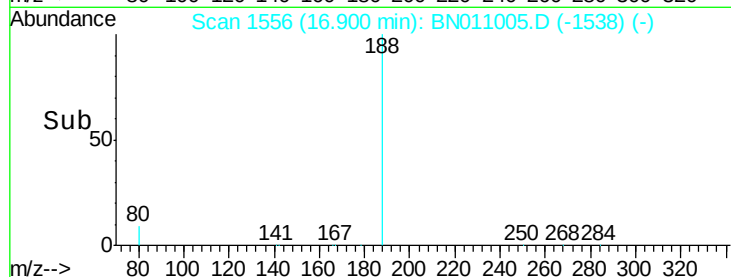
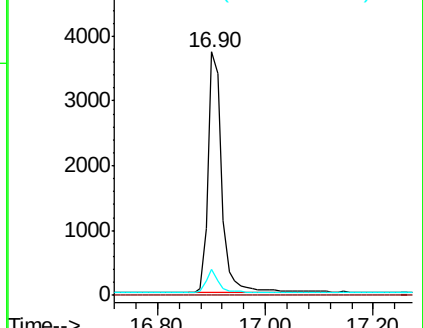
80 10.4 4.5 6.7#



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: 0.389 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

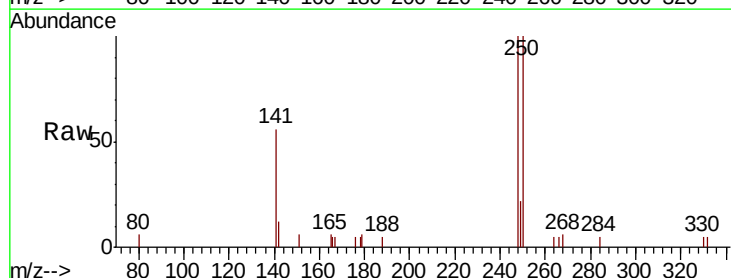
Tgt Ion:248 Resp: 1540

Ion Ratio Lower Upper

248 100

250 100.4 81.8 122.8

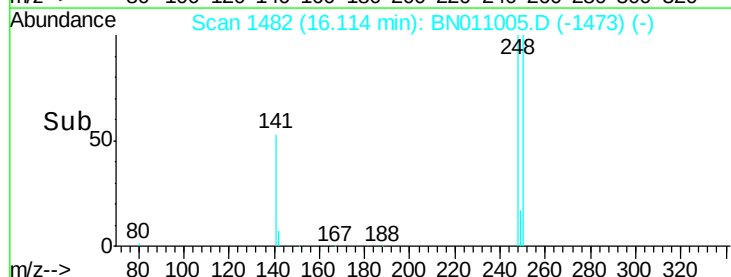
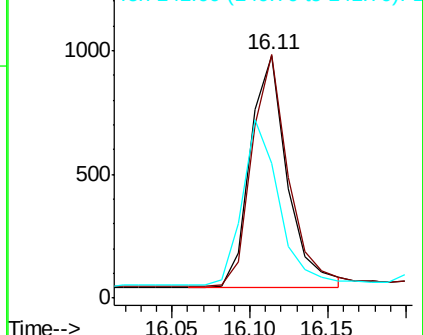
141 55.8 42.6 64.0

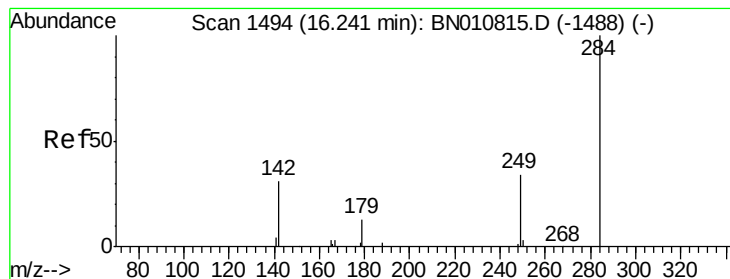


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.405 ng

RT: 16.22 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

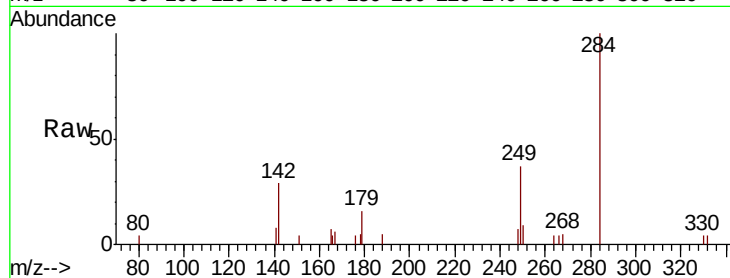
Tot Ion:284 Resp: 1672

Ion Ratio Lower Upper

284 100

142 41.1 31.0 46.4

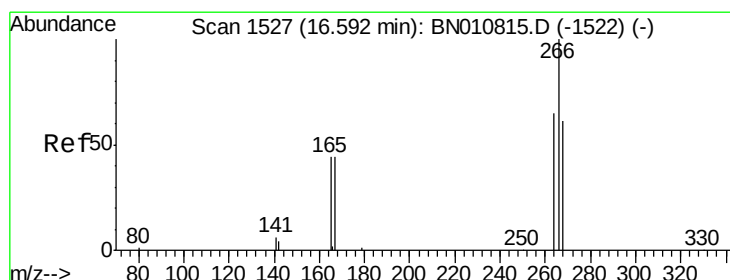
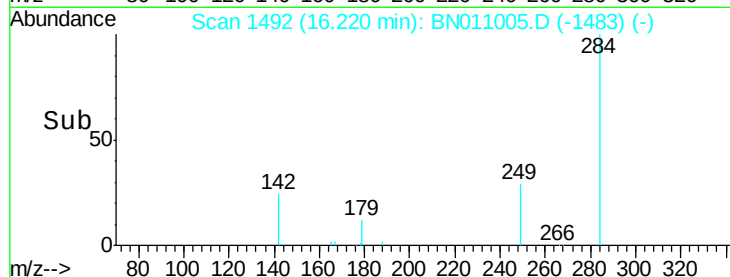
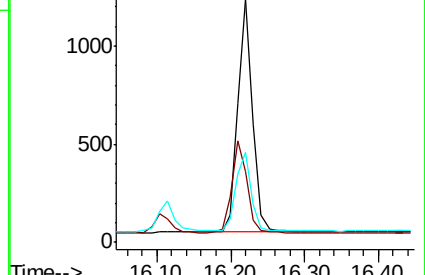
249 35.0 27.1 40.7



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: 0.365 ng

RT: 16.57 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

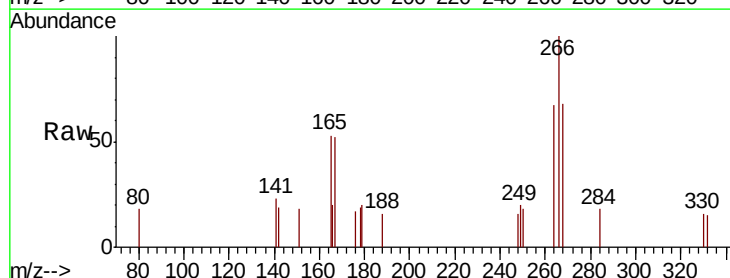
Tgt Ion:266 Resp: 506

Ion Ratio Lower Upper

266 100

264 66.6 54.8 82.2

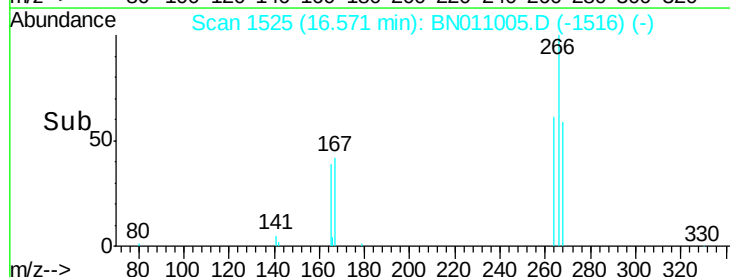
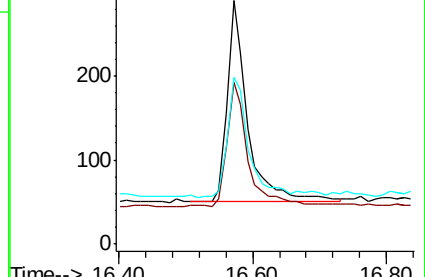
268 68.3 55.9 83.9

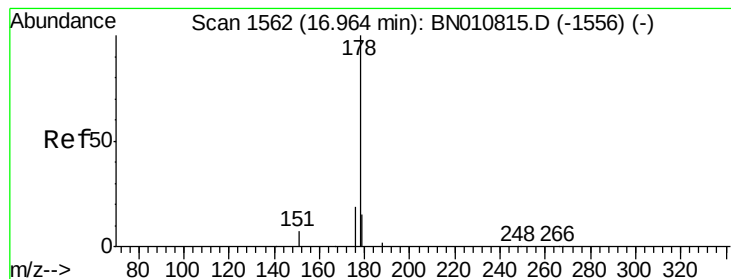


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.399 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

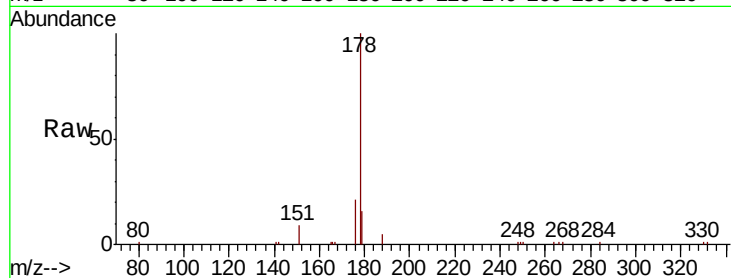
Tot Ion:178 Resp: 7180

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

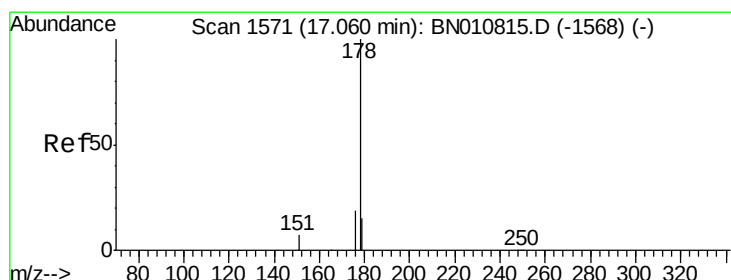
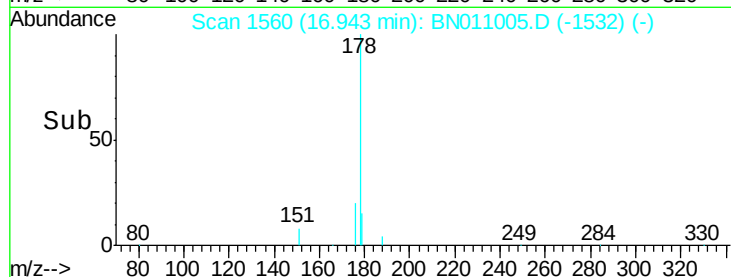
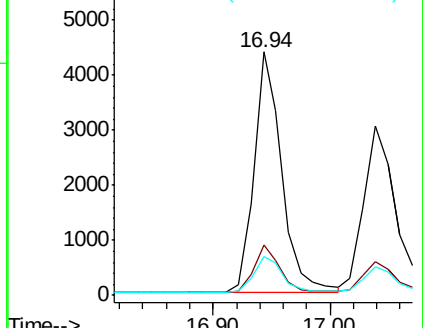
179 15.2 12.6 19.0



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: 0.389 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

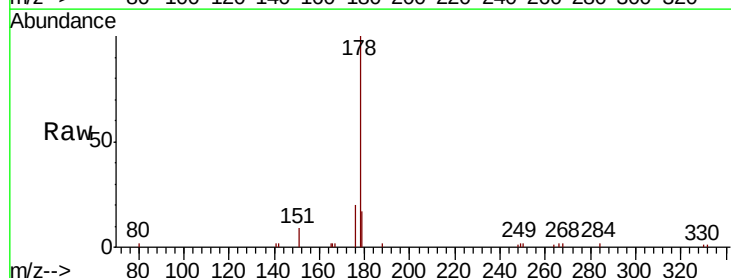
Tgt Ion:178 Resp: 5841

Ion Ratio Lower Upper

178 100

176 17.8 14.6 22.0

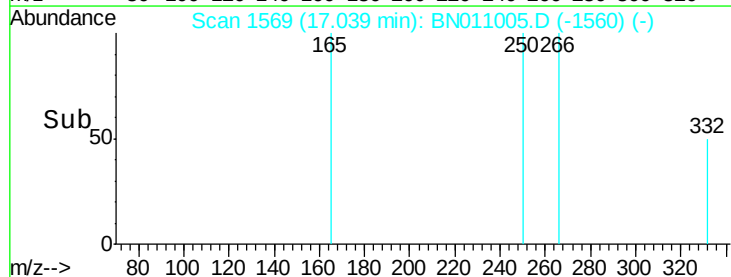
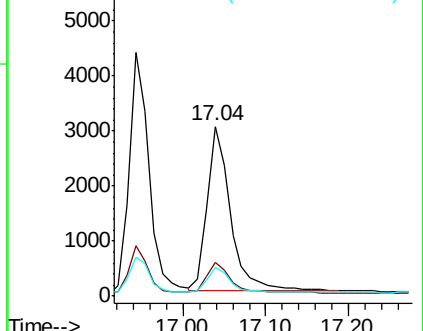
179 14.9 12.3 18.5

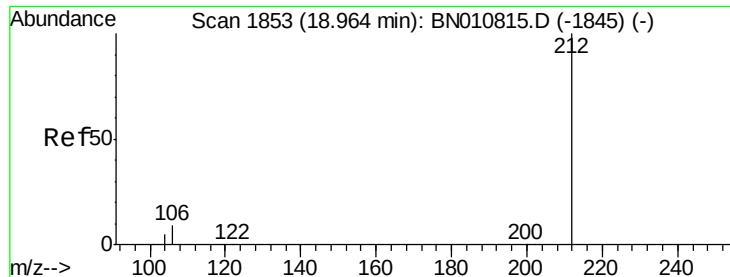


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

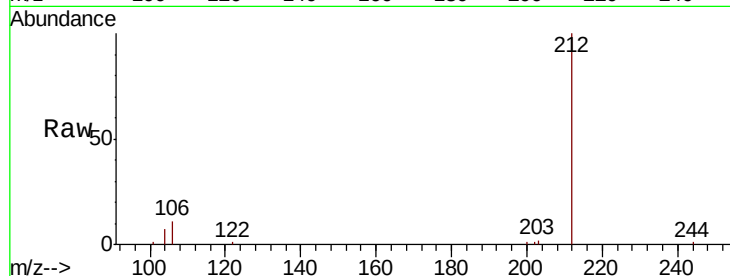




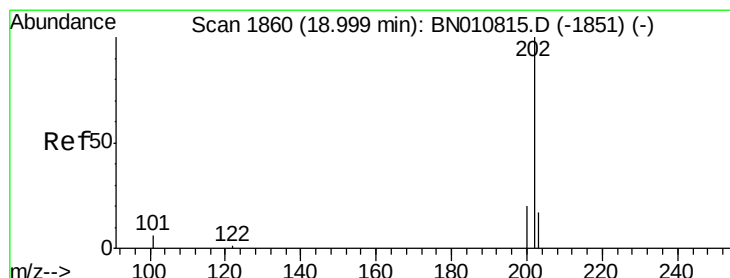
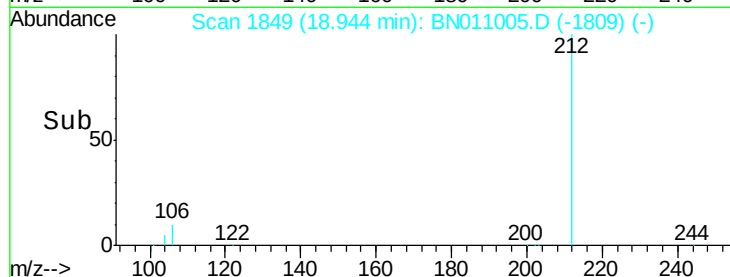
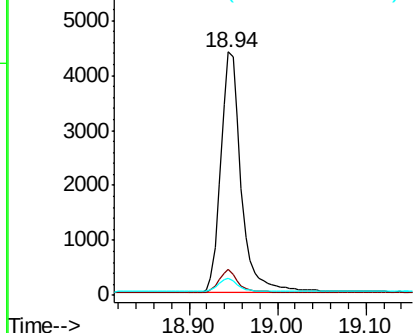
#25
 Fluoranthene-d10
 Concen: 0.393 ng
 RT: 18.94 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BN011005.D
 Acq: 22 Jun 2020 12:40

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BS

Tot Ion:212 Resp: 7148
 Ion Ratio Lower Upper
 212 100
 106 8.8 6.6 10.0
 104 5.3 4.0 6.0

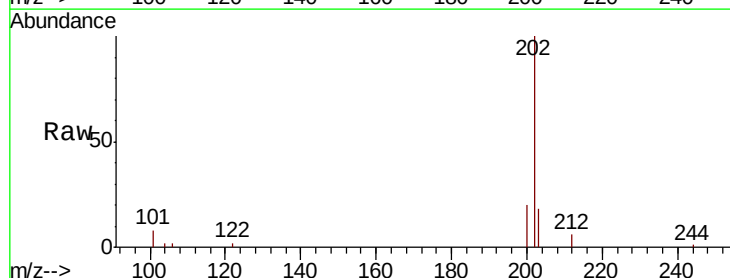


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

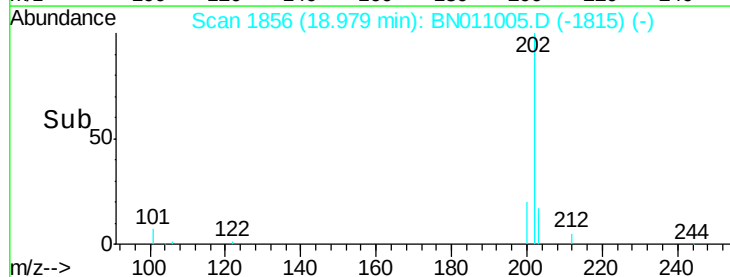
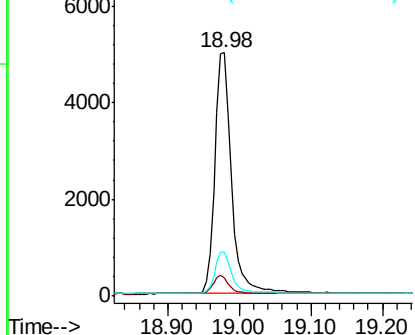


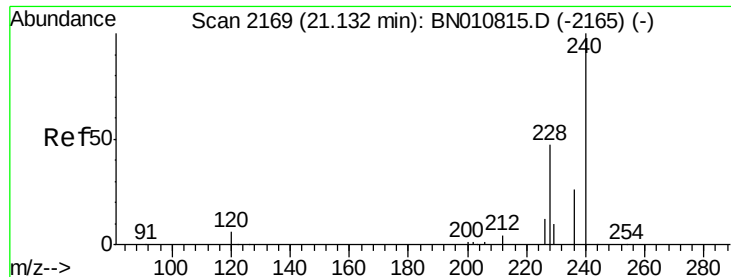
#26
 Fluoranthene
 Concen: 0.392 ng
 RT: 18.98 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BN011005.D
 Acq: 22 Jun 2020 12:40

Tgt Ion:202 Resp: 8020
 Ion Ratio Lower Upper
 202 100
 101 7.6 5.8 8.6
 203 17.1 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

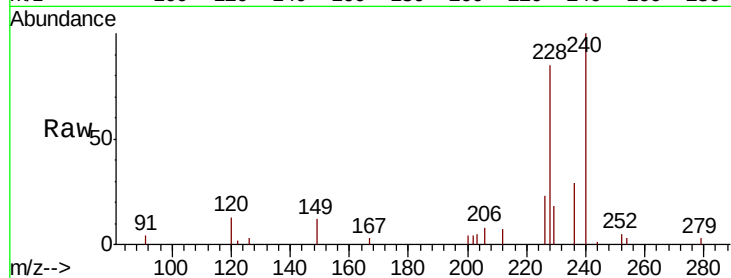




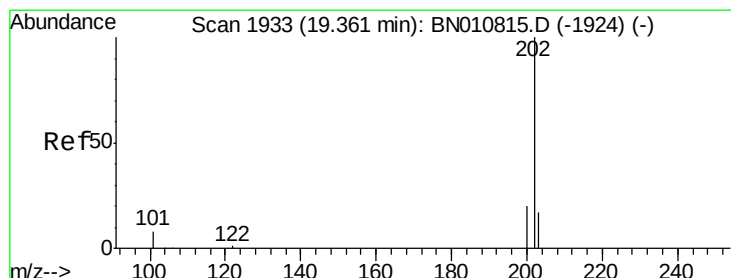
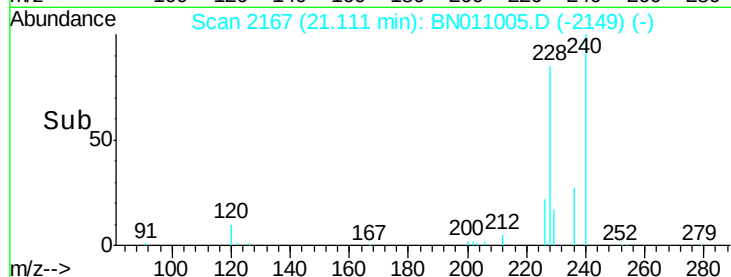
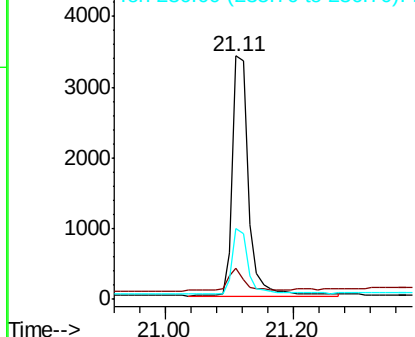
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tot Ion:240 Resp: 5945
Ion Ratio Lower Upper
240 100
120 12.8 7.5 11.3#
236 29.0 22.3 33.5

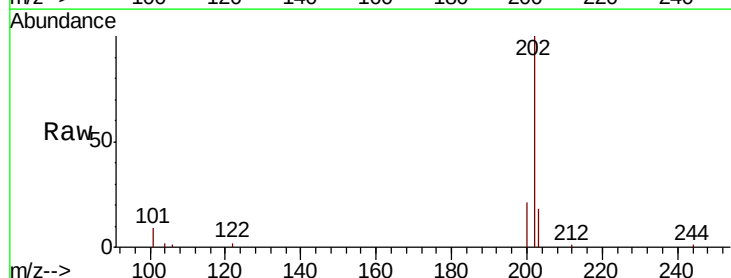


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

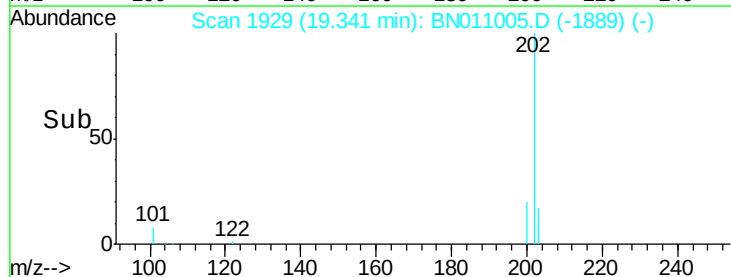
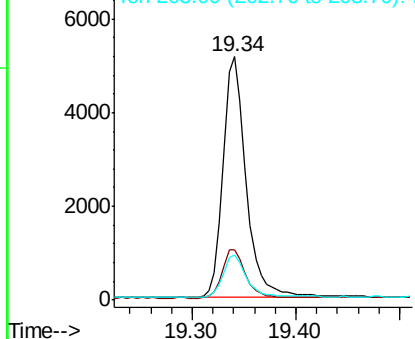


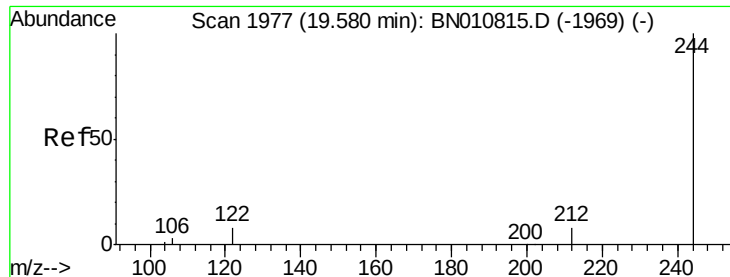
#28
Pyrene
Concen: 0.405 ng
RT: 19.34 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

Tgt Ion:202 Resp: 7962
Ion Ratio Lower Upper
202 100
200 20.2 16.4 24.6
203 17.8 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: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

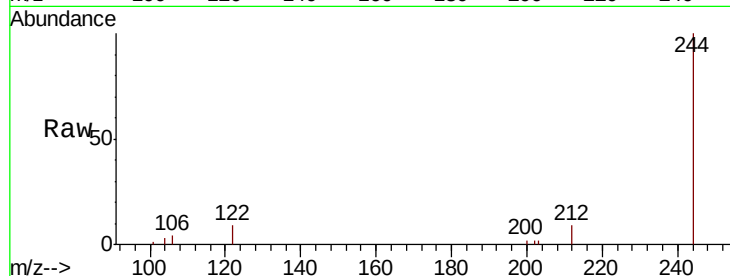
Tot Ion:244 Resp: 5670

Ion Ratio Lower Upper

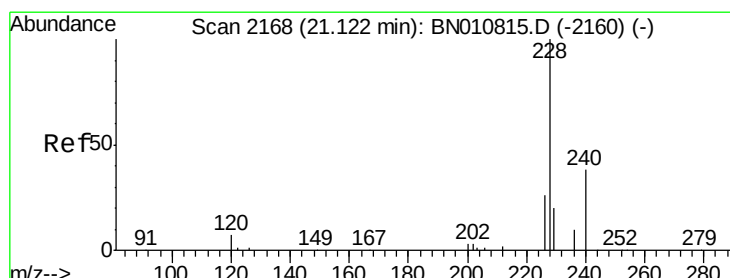
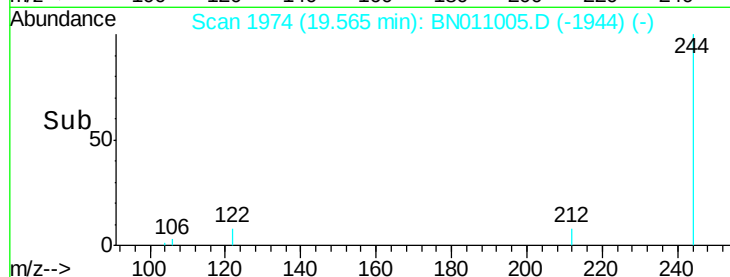
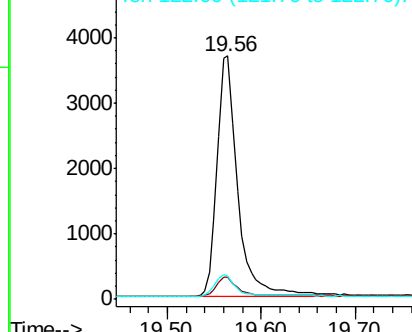
244 100

212 9.2 7.4 11.2

122 9.4 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: 0.425 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

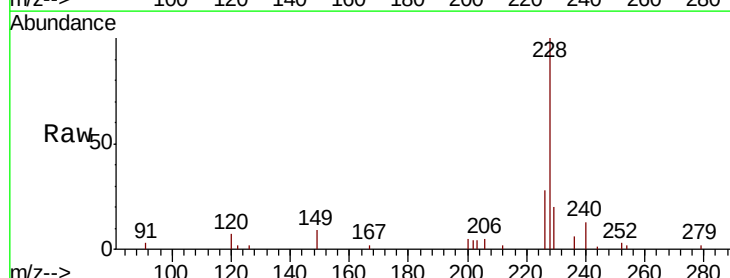
Tgt Ion:228 Resp: 7424

Ion Ratio Lower Upper

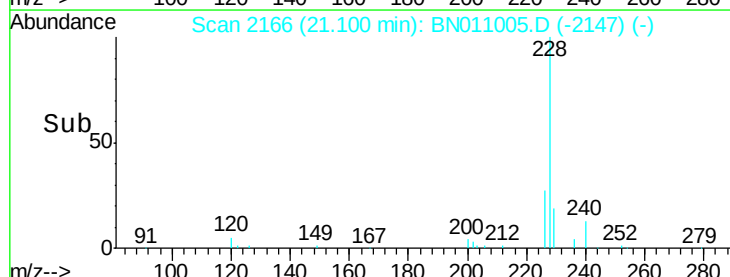
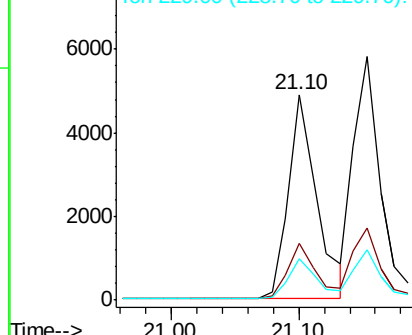
228 100

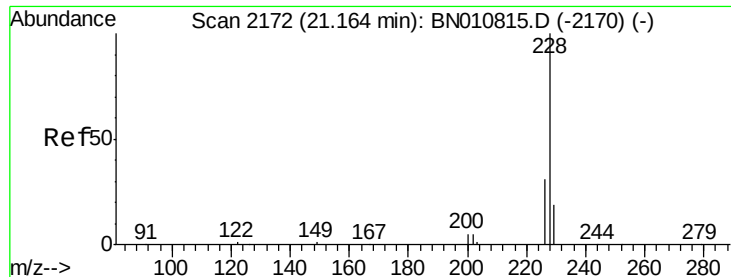
226 27.5 21.3 31.9

229 20.2 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: 0.413 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

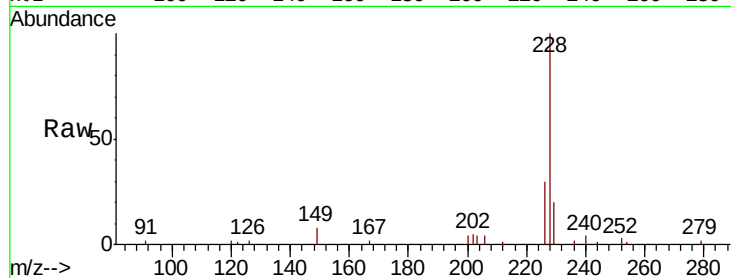
BNA_N

ClientSampleId :

PB129663BS

Tot Ion:228 Resp: 8410

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.5	16.1	24.1

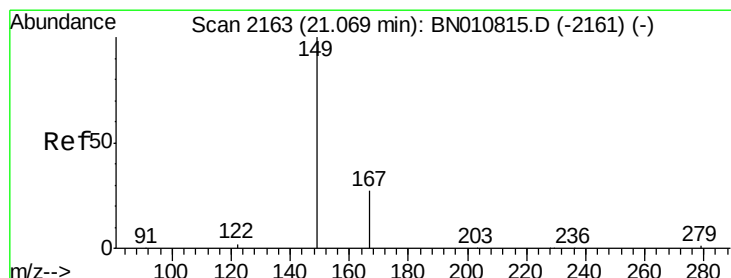
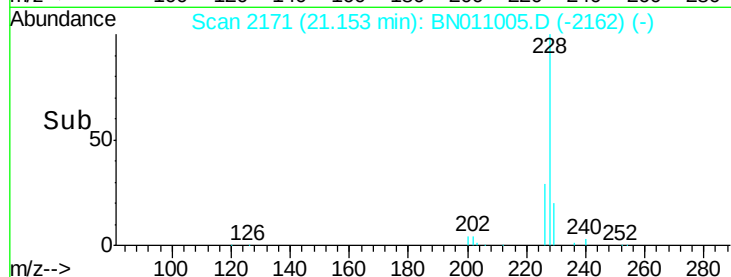
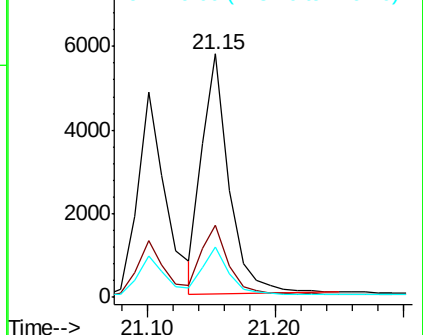


Abundance

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: 0.460 ng

RT: 21.06 min Scan# 2162

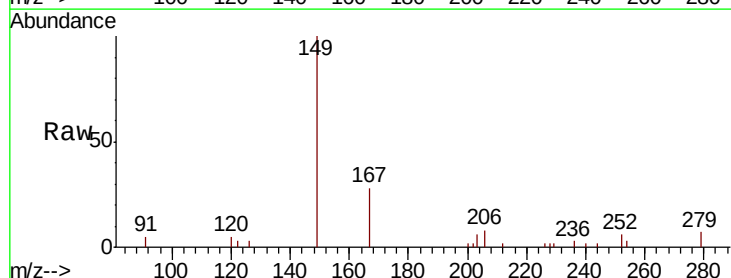
Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Tgt Ion:149 Resp: 2679

Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.1	36.1
279	5.2	4.6	7.0

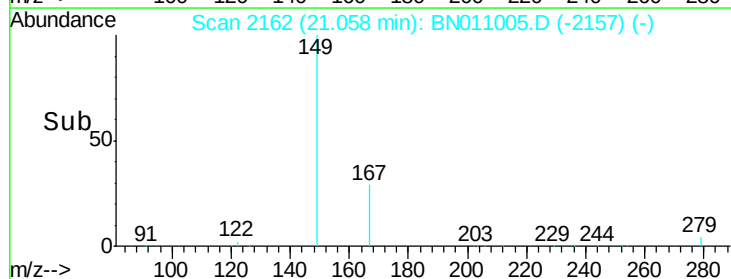
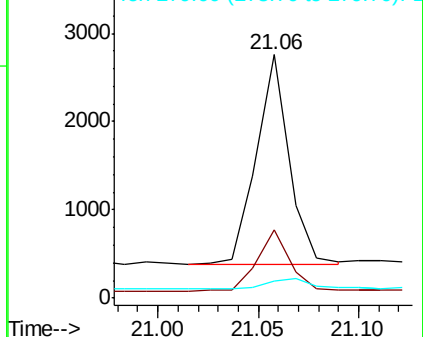


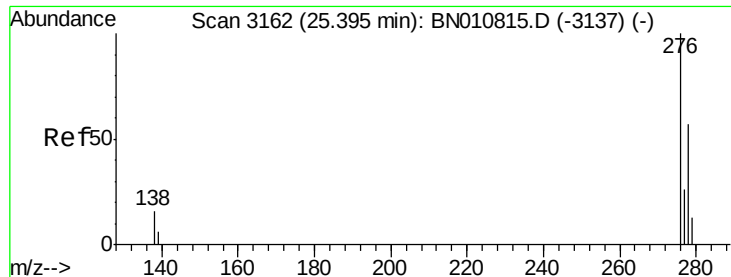
Abundance

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: 0.512 ng

RT: 25.36 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

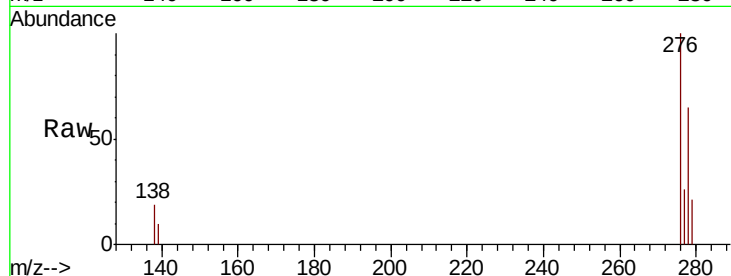
Tot Ion:276 Resp: 11661

Ion Ratio Lower Upper

276 100

138 18.0 13.0 19.6

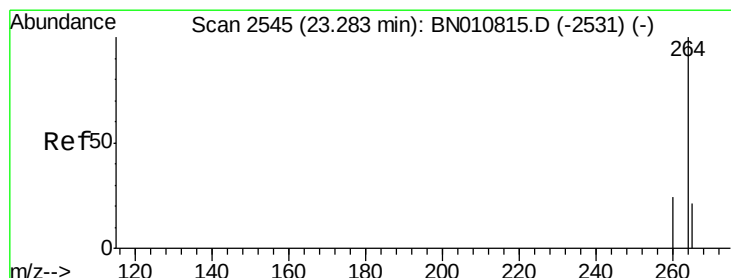
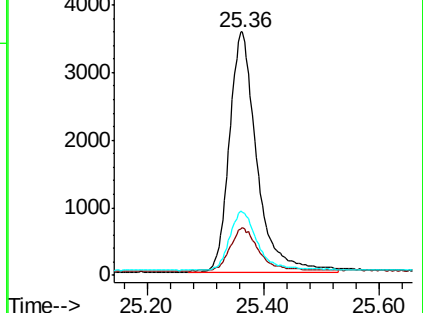
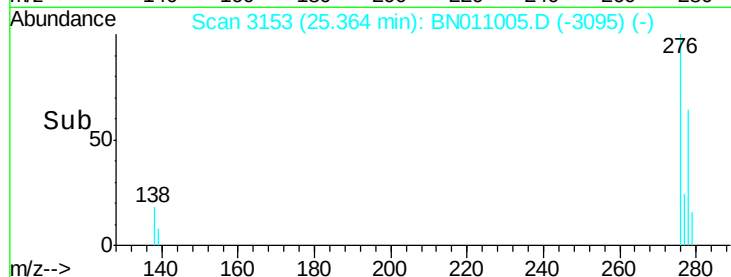
277 24.6 19.7 29.5



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# 2538

Delta R.T. -0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

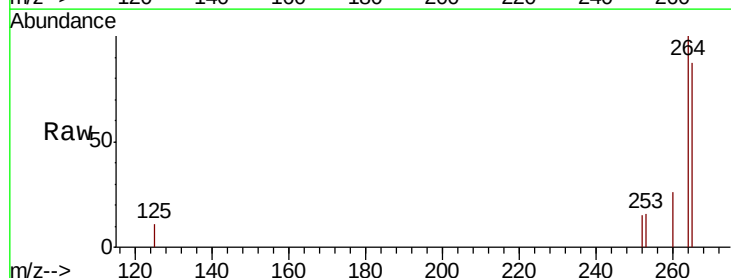
Tgt Ion:264 Resp: 6471

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

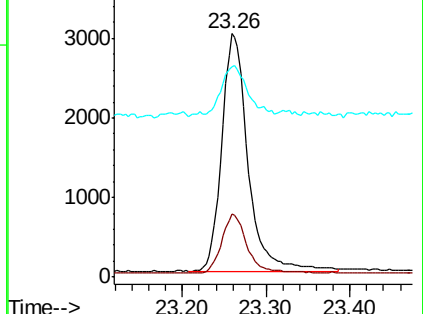
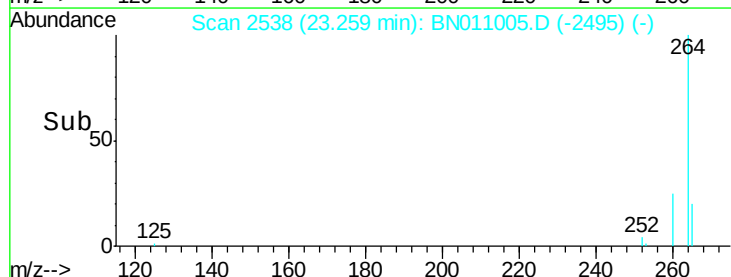
265 86.6 75.0 112.4

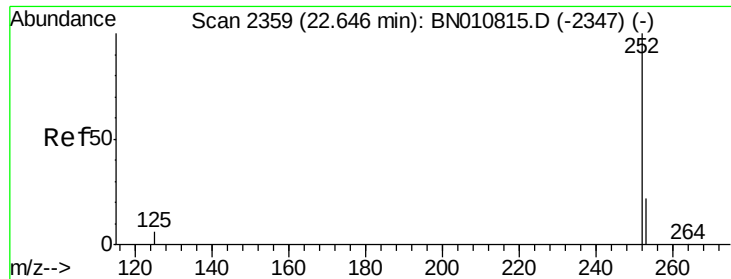


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

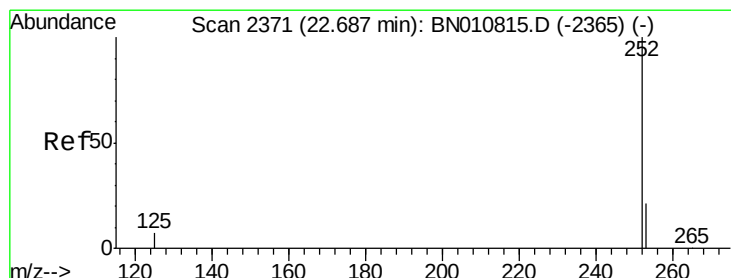
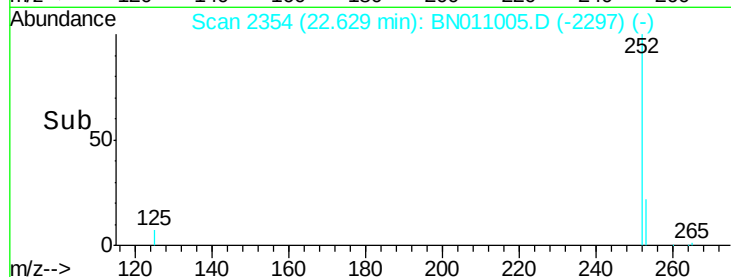
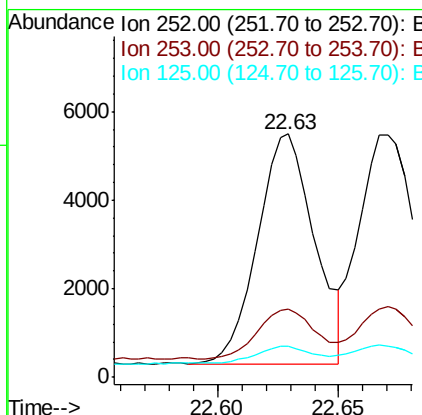
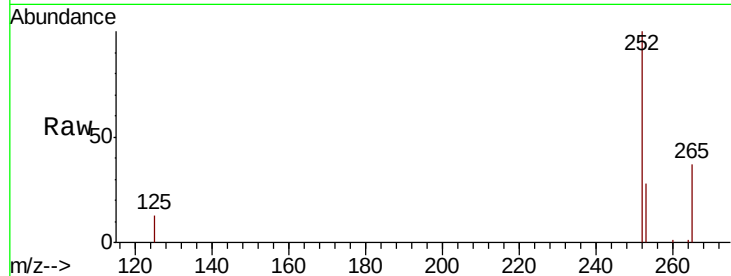




#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 22.63 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

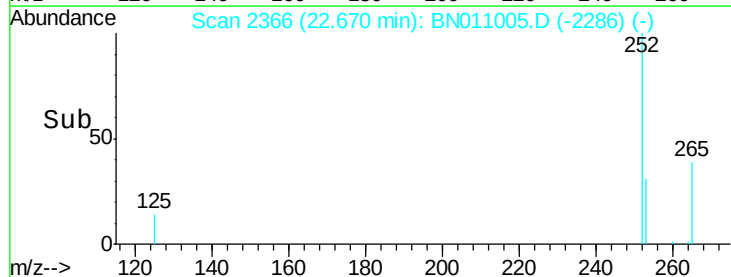
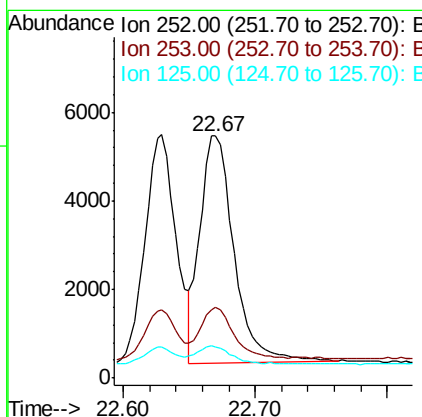
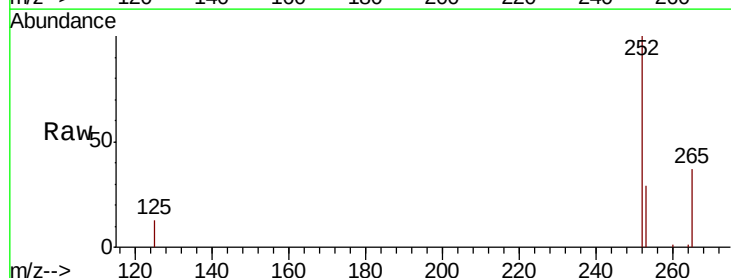
Instrument :
BNA_N
ClientSampleId :
PB129663BS

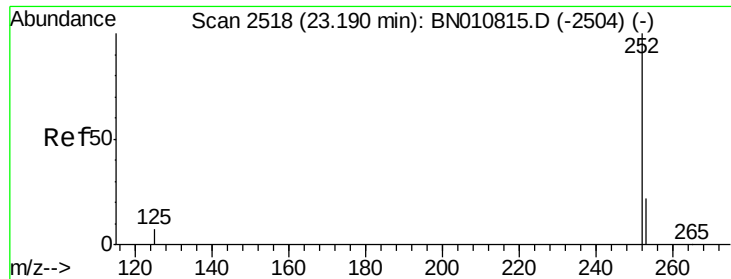
Tot Ion:252 Resp: 8533
Ion Ratio Lower Upper
252 100
253 28.3 22.4 33.6
125 12.7 9.4 14.0



#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 22.67 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

Tgt Ion:252 Resp: 9077
Ion Ratio Lower Upper
252 100
253 29.1 22.2 33.4
125 13.0 9.8 14.8

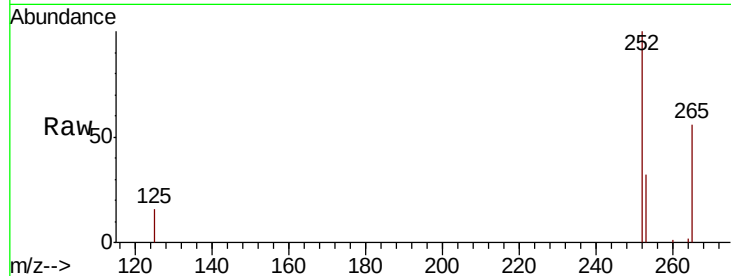




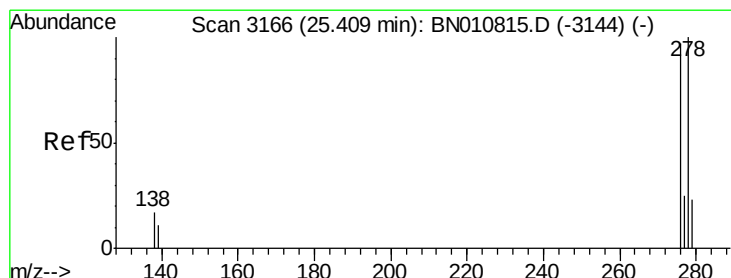
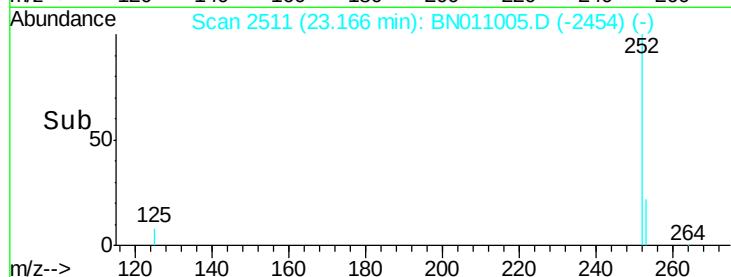
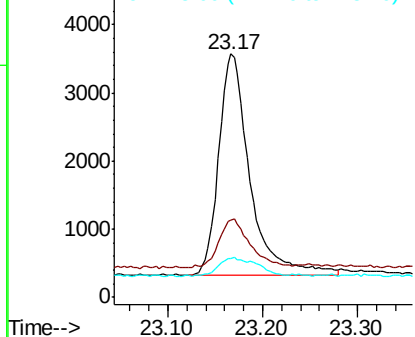
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.17 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

Instrument :
BNA_N
ClientSampleId :
PB129663BS

Tot Ion:252 Resp: 7549
Ion Ratio Lower Upper
252 100
253 31.9 25.8 38.8
125 16.1 12.4 18.6

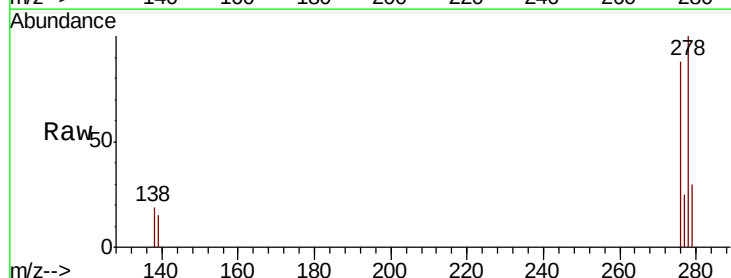


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

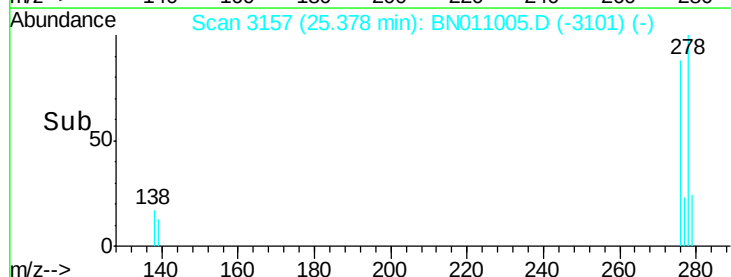
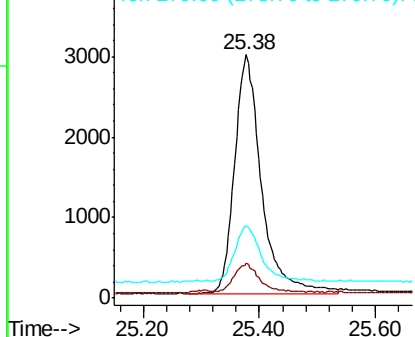


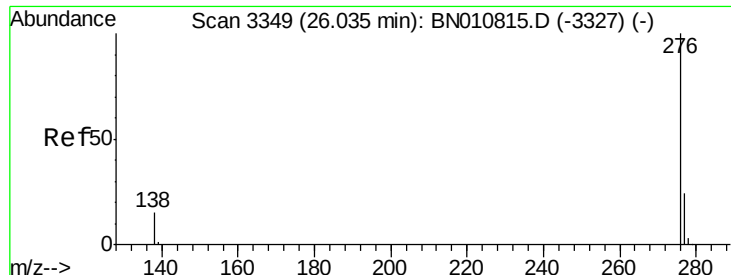
#38
Dibenzo(a,h)anthracene
Concen: 0.443 ng
RT: 25.38 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BN011005.D
Acq: 22 Jun 2020 12:40

Tgt Ion:278 Resp: 9528
Ion Ratio Lower Upper
278 100
139 14.6 10.6 15.8
279 29.6 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: 0.457 ng

RT: 26.00 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BN011005.D

Acq: 22 Jun 2020 12:40

Instrument :

BNA_N

ClientSampleId :

PB129663BS

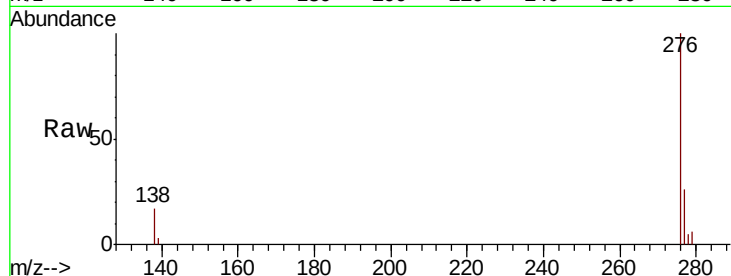
Tot Ion: 276 Resp: 10280

Ion Ratio Lower Upper

276 100

277 25.8 20.5 30.7

138 17.2 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

