

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011006.D
 Acq On : 22 Jun 2020 13:16
 Operator : CG/JU
 Sample : PB129663BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BSD

Quant Time: Jun 22 13:52:24 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	2148	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	6664	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	3601	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	7216	0.40	ng	0.00
27) Chrysene-d12	21.11	240	6715	0.40	ng	0.00
34) Perylene-d12	23.26	264	6390	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1805	0.44	ng	0.00
5) Phenol-d6	6.73	99	2083	0.43	ng	0.00
8) Nitrobenzene-d5	8.67	82	2096	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4638	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	531	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	5962	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	7588	0.38	ng	0.00
29) Terphenyl-d14	19.56	244	5911	0.38	ng	0.00

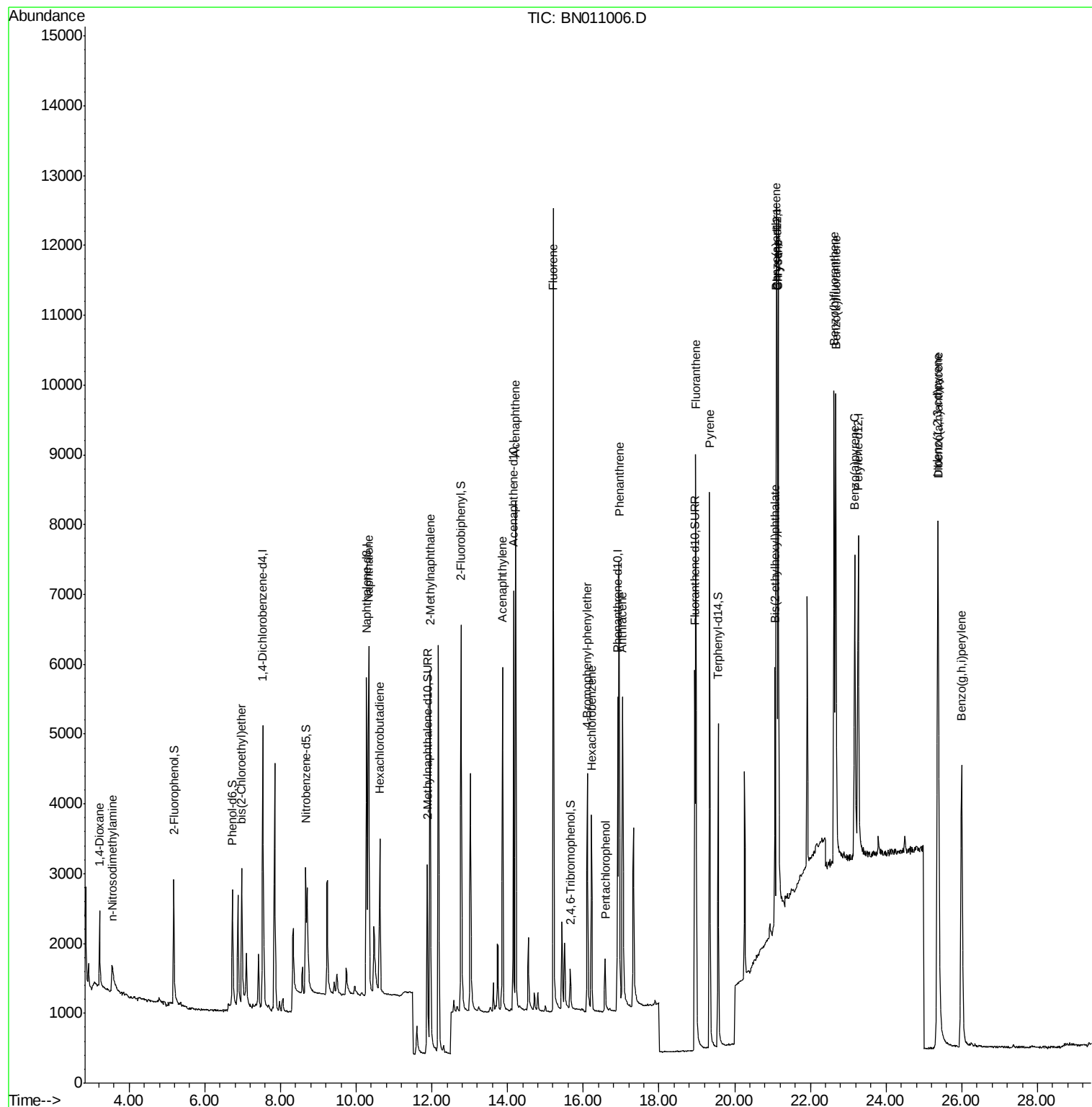
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	999	0.475	ng	99
3) n-Nitrosodimethylamine	3.55	42	518	0.424	ng	# 95
6) bis(2-Chloroethyl)ether	6.98	93	2006	0.421	ng	98
9) Naphthalene	10.33	128	7075	0.422	ng	99
10) Hexachlorobutadiene	10.62	225	1725	0.417	ng	# 100
12) 2-Methylnaphthalene	11.95	142	4965	0.443	ng	99
16) Acenaphthylene	13.86	152	6026	0.409	ng	100
17) Acenaphthene	14.21	154	4051	0.403	ng	99
18) Fluorene	15.21	166	5165	0.398	ng	98
20) 4-Bromophenyl-phenylether	16.11	248	1859	0.429	ng	# 91
21) Hexachlorobenzene	16.22	284	1994	0.441	ng	99
22) Pentachlorophenol	16.58	266	538	0.354	ng	97
23) Phenanthrene	16.95	178	7810	0.396	ng	100
24) Anthracene	17.03	178	6403	0.389	ng	98
26) Fluoranthene	18.98	202	8452	0.378	ng	99
28) Pyrene	19.34	202	8352	0.376	ng	100
30) Benzo(a)anthracene	21.10	228	8303	0.421	ng	99
31) Chrysene	21.16	228	9312	0.405	ng	97
32) Bis(2-ethylhexyl)phthalate	21.06	149	2967	0.451	ng	97
33) Indeno(1,2,3-cd)pyrene	25.36	276	10548	0.410	ng	97
35) Benzo(b)fluoranthene	22.63	252	8286	0.381	ng	99
36) Benzo(k)fluoranthene	22.67	252	9043	0.391	ng	98
37) Benzo(a)pyrene	23.17	252	7562	0.406	ng	99
38) Dibenzo(a,h)anthracene	25.38	278	8580	0.404	ng	99
39) Benzo(g,h,i)perylene	26.00	276	9096	0.409	ng	99

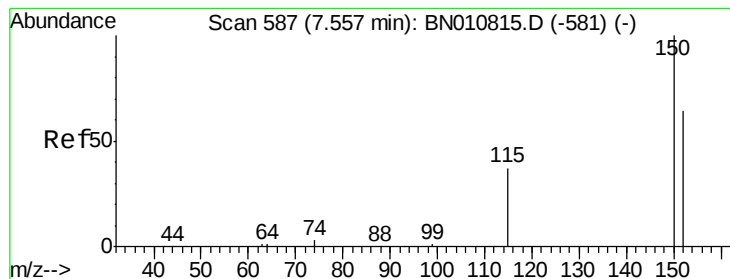
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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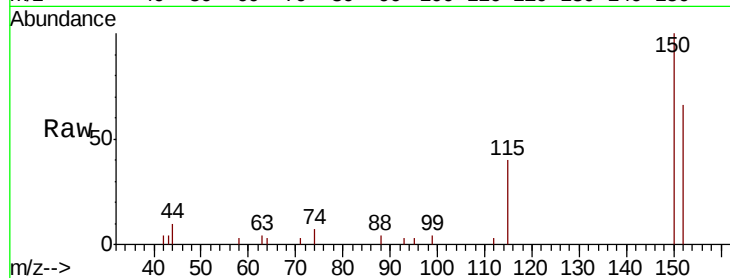


#1

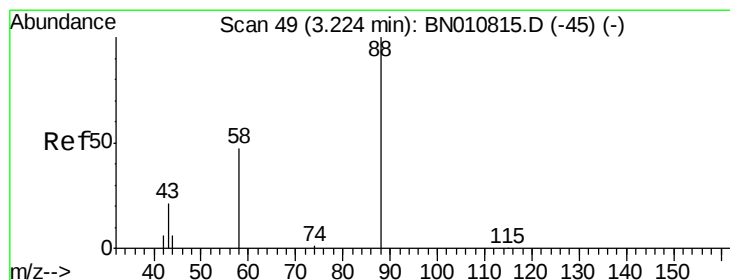
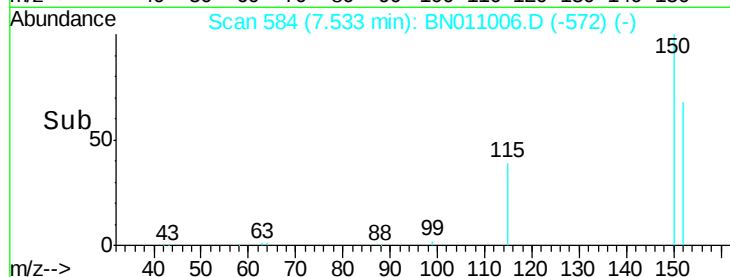
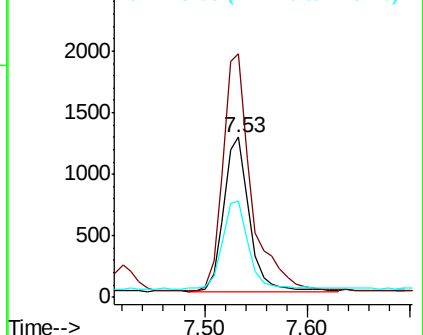
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN011006.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tot Ion:152 Resp: 2148
Ion Ratio Lower Upper
152 100
150 152.2 123.8 185.6
115 60.1 49.2 73.8



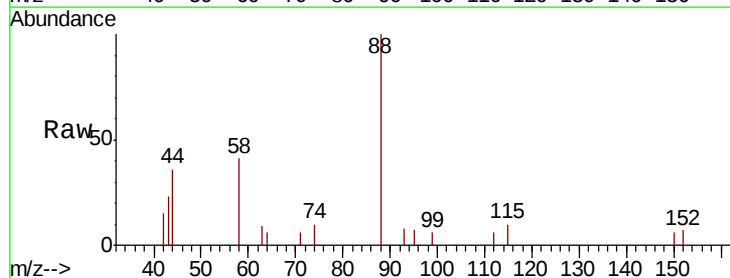
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



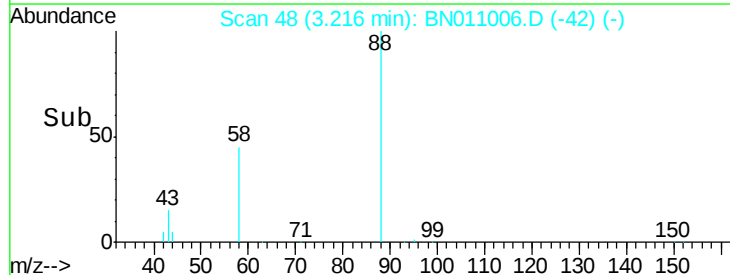
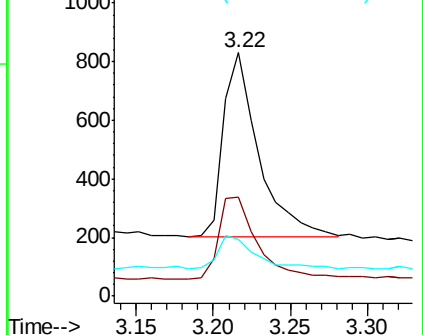
#2

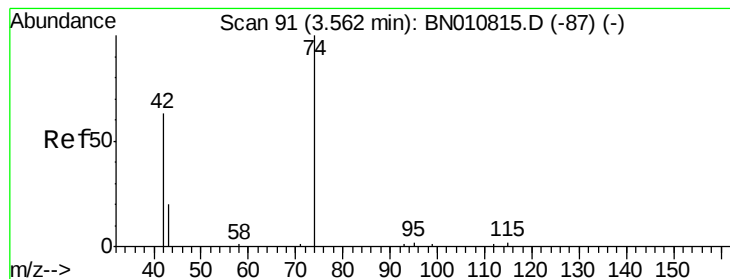
1,4-Dioxane
Concen: 0.475 ng
RT: 3.22 min Scan# 48
Delta R.T. 0.00 min
Lab File: BN011006.D
Acq: 22 Jun 2020 13:16

Tgt Ion: 88 Resp: 999
Ion Ratio Lower Upper
88 100
58 48.9 38.2 57.4
43 19.0 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: 0.424 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

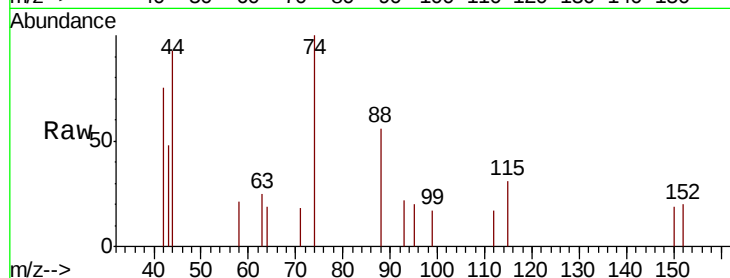
Tot Ion: 42 Resp: 518

Ion Ratio Lower Upper

42 100

74 168.9 140.7 211.1

44 7.5 1.4 2.2#

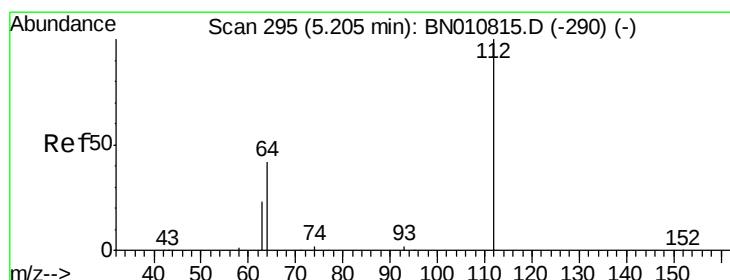
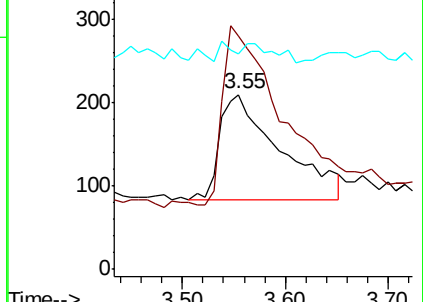
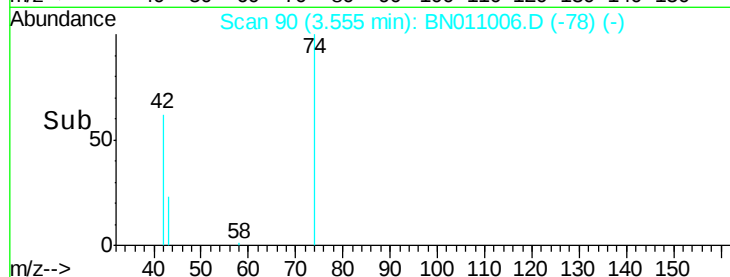


Abundance Ion 42.00 (41.70 to 42.70): BN011006.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BN011006.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BN011006.D (-78) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.435 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

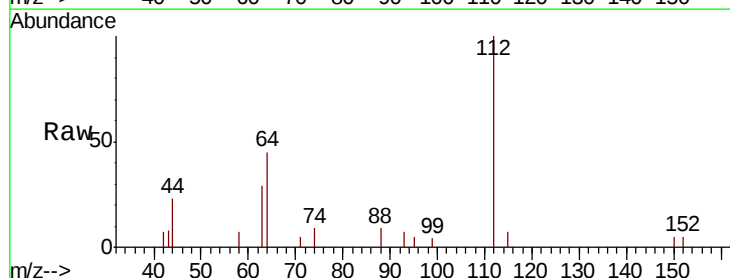
Tgt Ion: 112 Resp: 1805

Ion Ratio Lower Upper

112 100

64 46.3 37.4 56.0

63 24.6 22.2 33.4

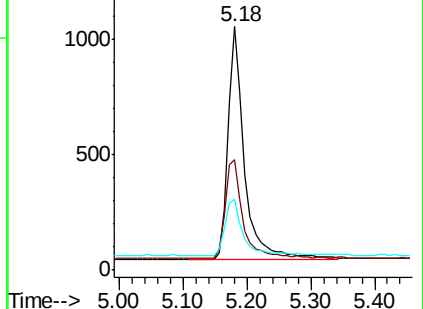
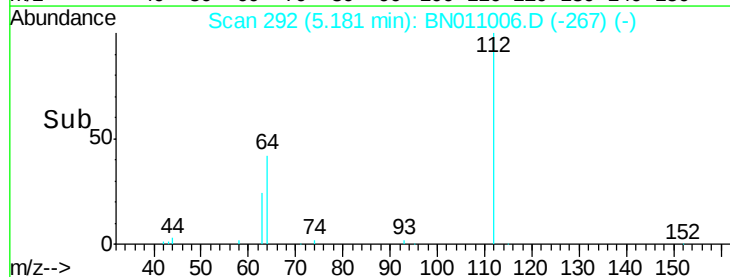


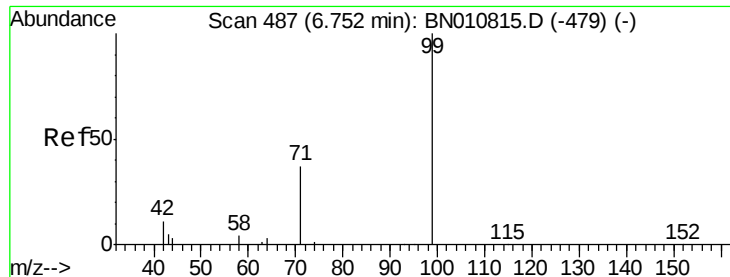
Abundance Ion 112.00 (111.70 to 112.70): BN011006.D (-267) (-)

Ion 64.00 (63.70 to 64.70): BN011006.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BN011006.D (-267) (-)

Time-->





#5

Phenol-d6

Concen: 0.426 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

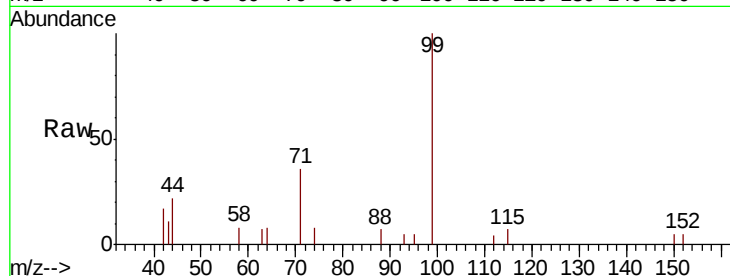
Tot Ion: 99 Resp: 2083

Ion Ratio Lower Upper

99 100

42 13.3 11.1 16.7

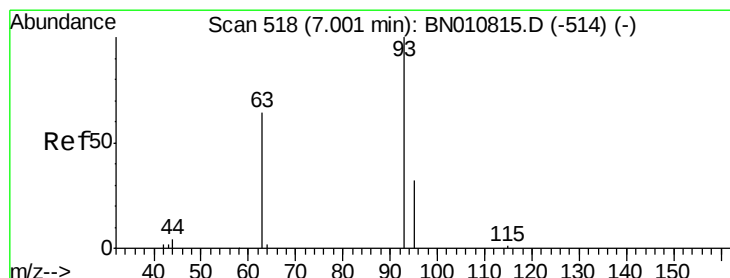
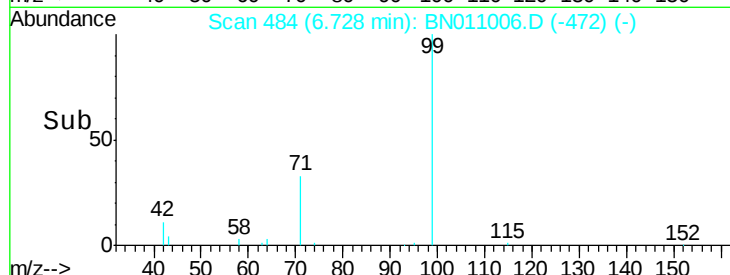
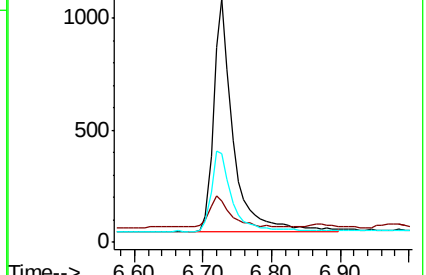
71 37.0 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN011006.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN011006.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN011006.D (-472) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.421 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

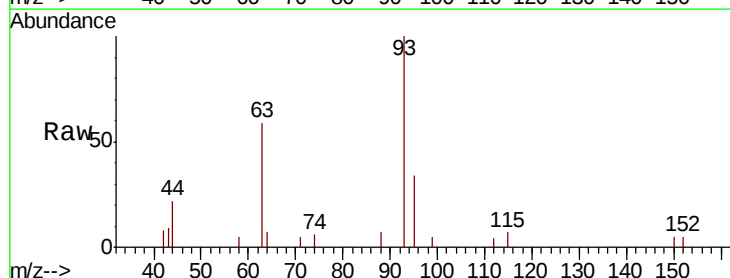
Tgt Ion: 93 Resp: 2006

Ion Ratio Lower Upper

93 100

63 61.5 49.4 74.2

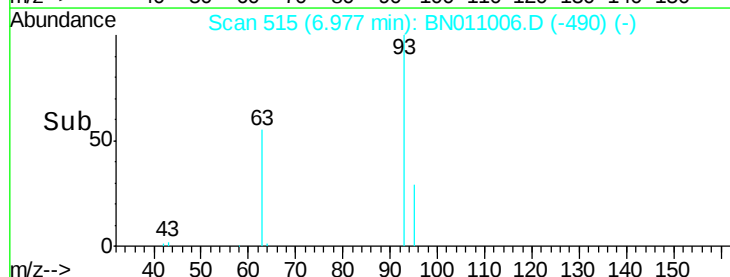
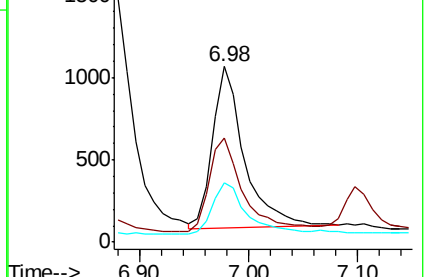
95 36.1 26.7 40.1

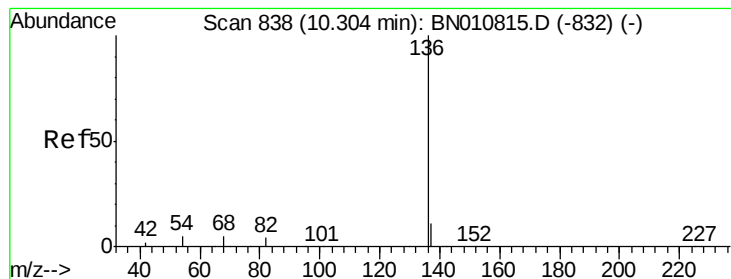


Abundance Ion 93.00 (92.70 to 93.70): BN011006.D (-490) (-)

Ion 63.00 (62.70 to 63.70): BN011006.D (-490) (-)

Ion 95.00 (94.70 to 95.70): BN011006.D (-490) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

Tot Ion:136 Resp: 6664

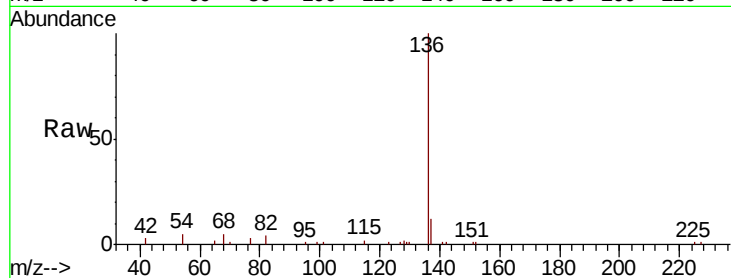
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 4.5 4.9 7.3#

68 4.8 4.7 7.1

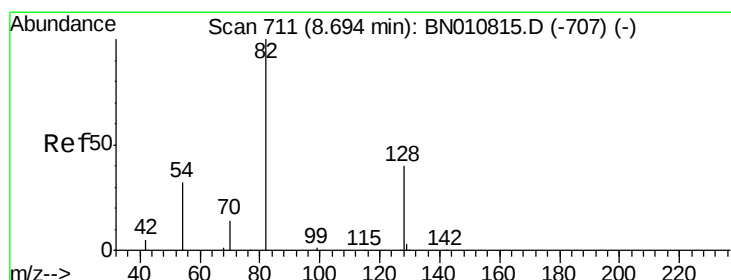
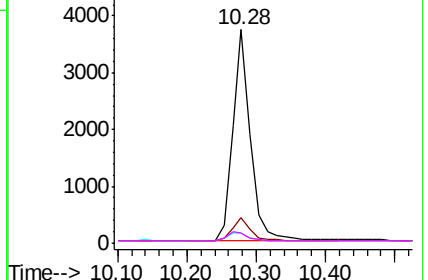
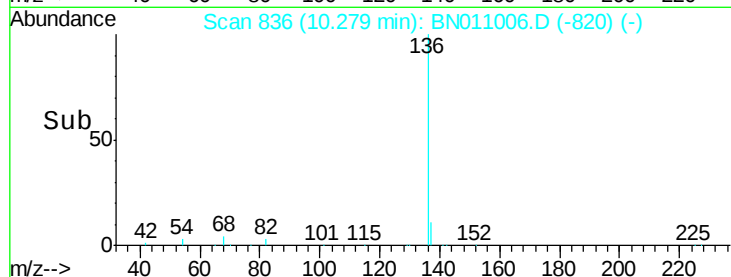


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.425 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

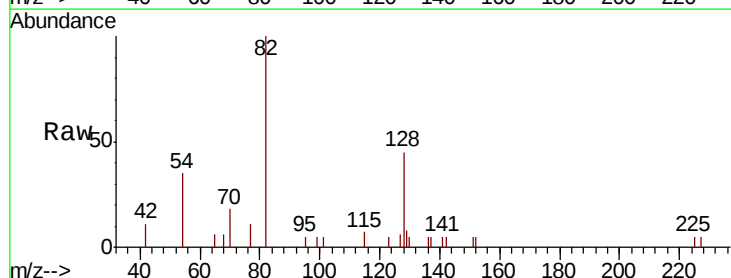
Tgt Ion: 82 Resp: 2096

Ion Ratio Lower Upper

82 100

128 44.5 35.4 53.0

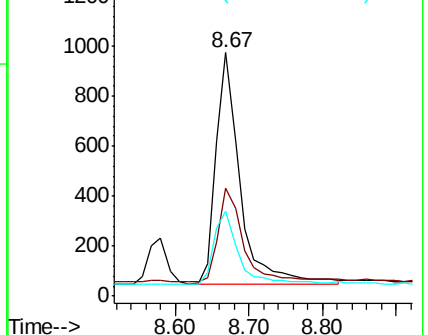
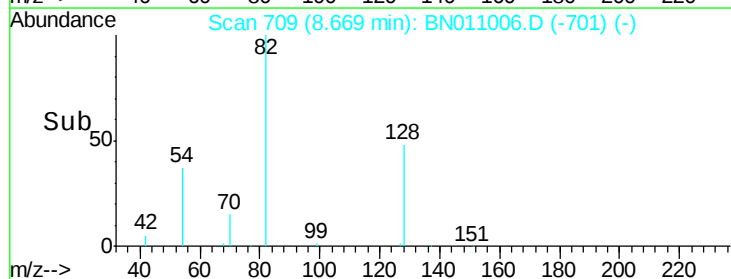
54 34.7 28.2 42.4

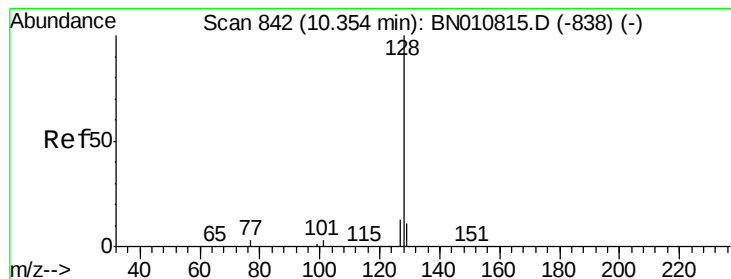


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.422 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

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PB129663BSD

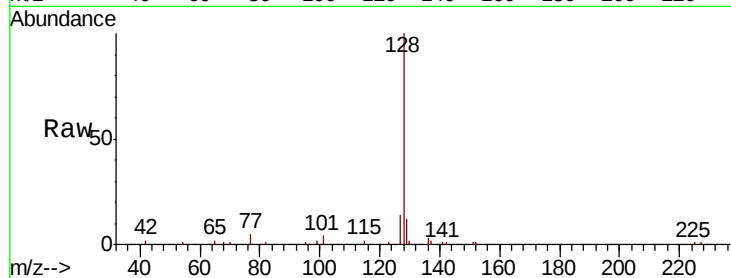
Tot Ion:128 Resp: 7075

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

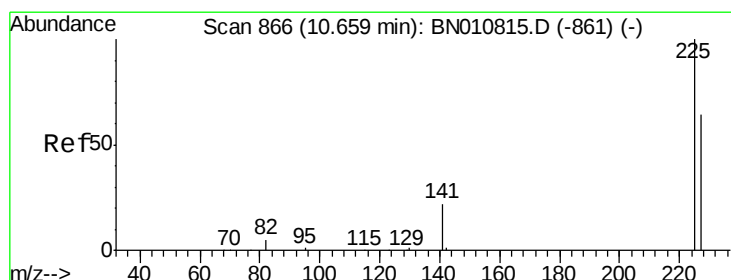
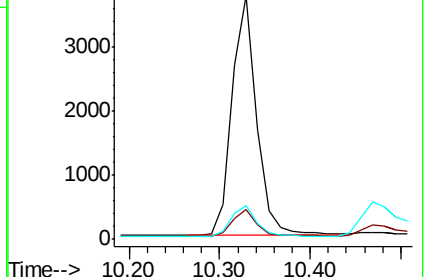
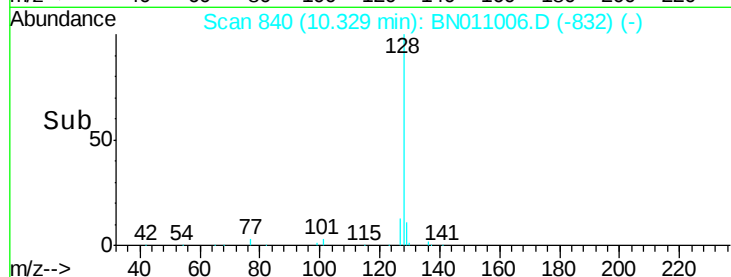
127 13.9 11.4 17.2



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: 0.417 ng

RT: 10.62 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

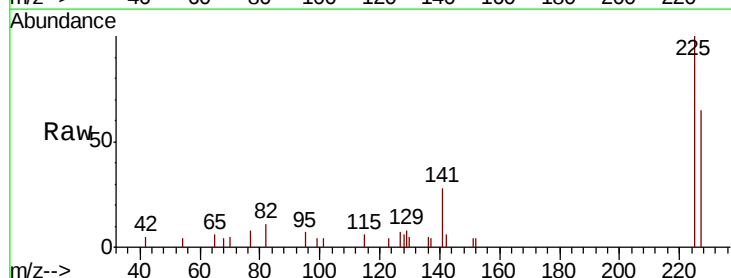
Tgt Ion:225 Resp: 1725

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

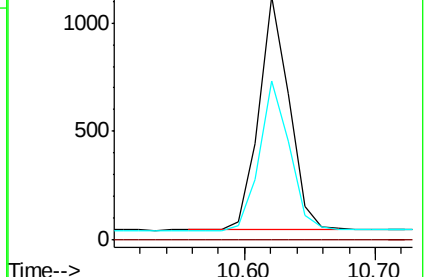
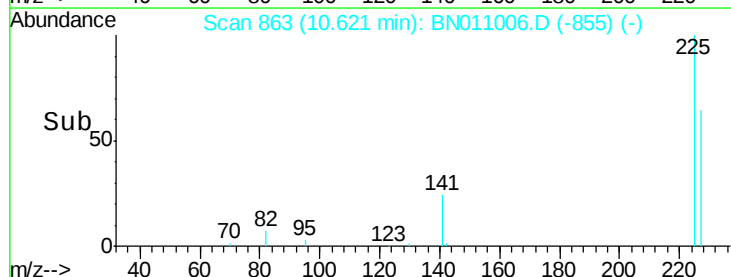
227 63.4 50.5 75.7

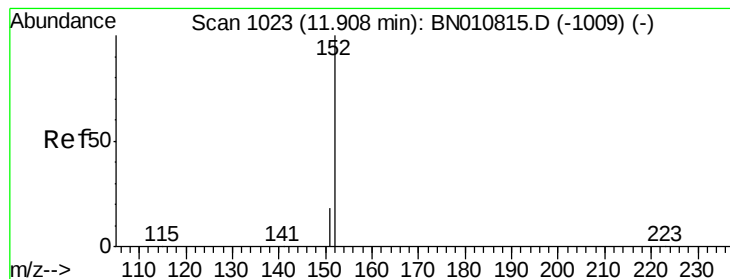


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.449 ng

RT: 11.88 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

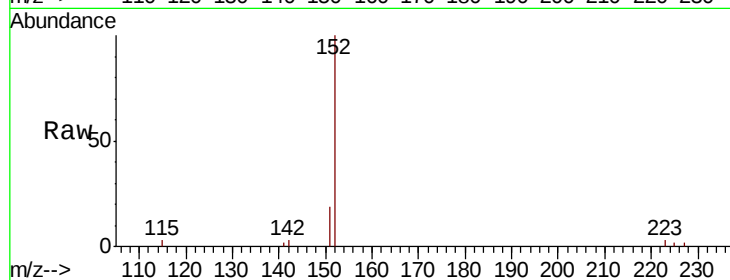
PB129663BSD

Tot Ion:152 Resp: 4638

Ion Ratio Lower Upper

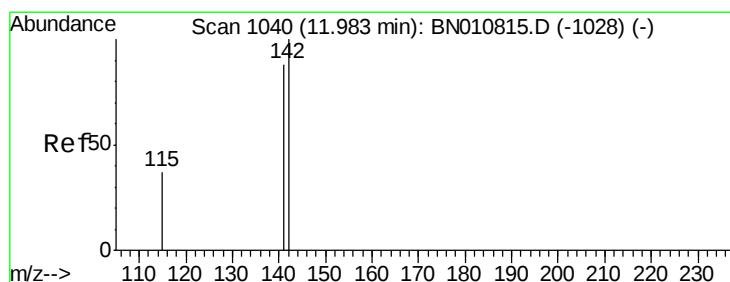
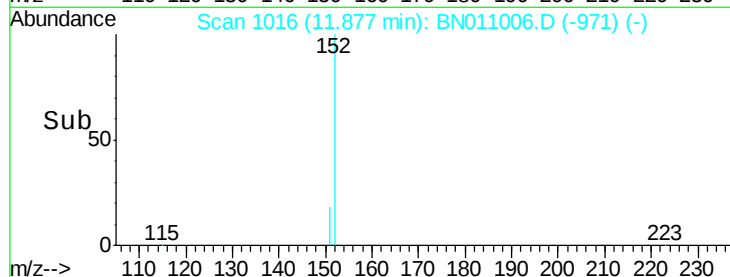
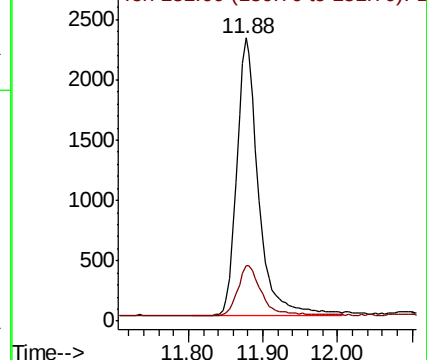
152 100

151 19.8 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.443 ng

RT: 11.95 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

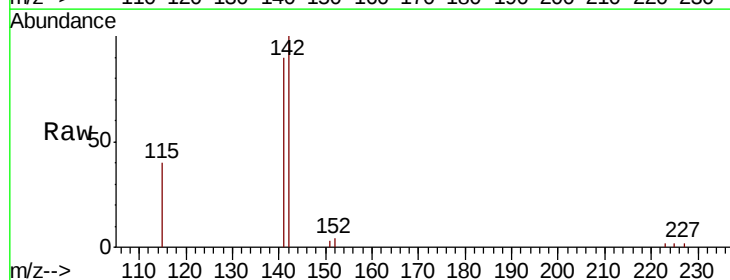
Tgt Ion:142 Resp: 4965

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

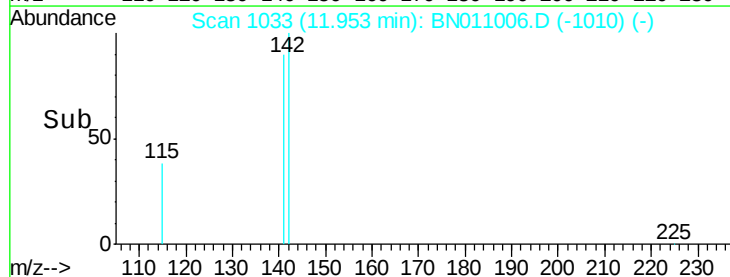
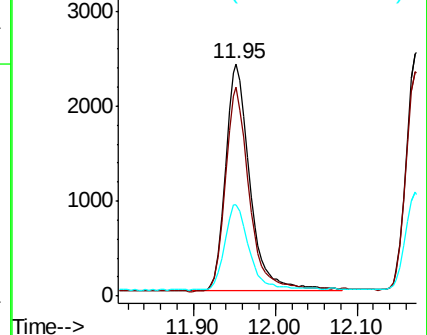
115 39.5 31.5 47.3

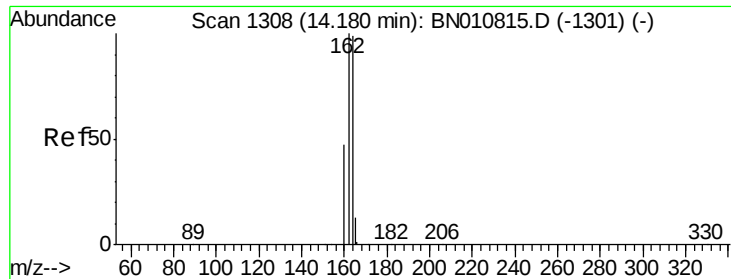


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

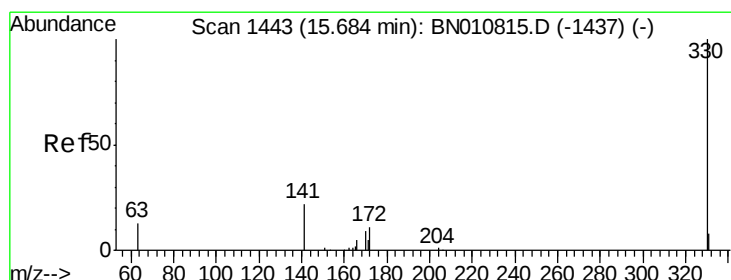
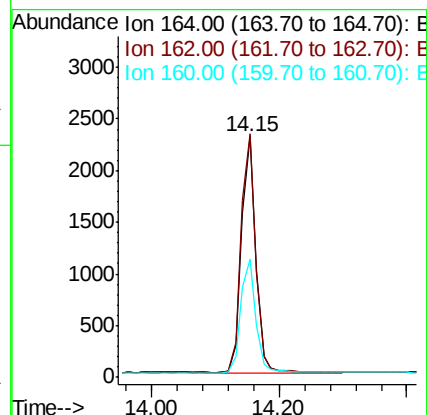
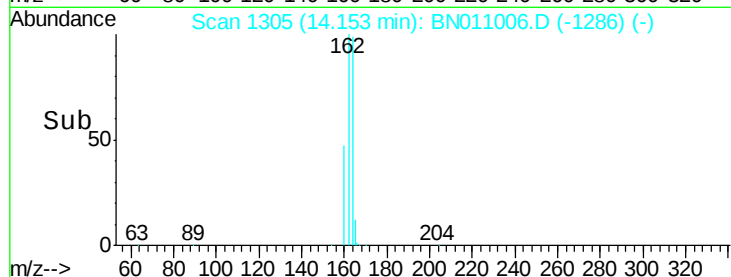
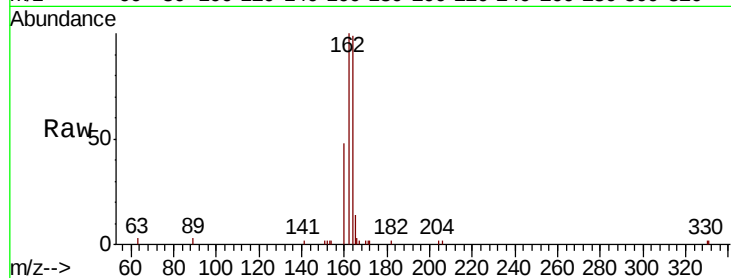
Tot Ion:164 Resp: 3601

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.6

160 49.0 38.9 58.3



#14

2,4,6-Tribromophenol

Concen: 0.412 ng

RT: 15.66 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

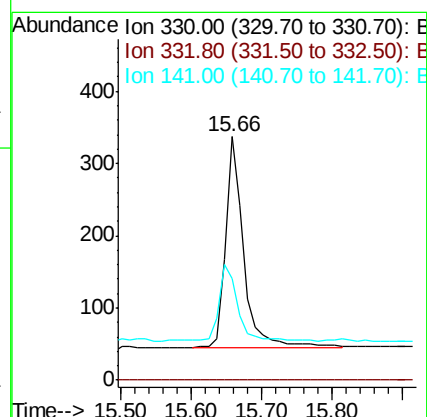
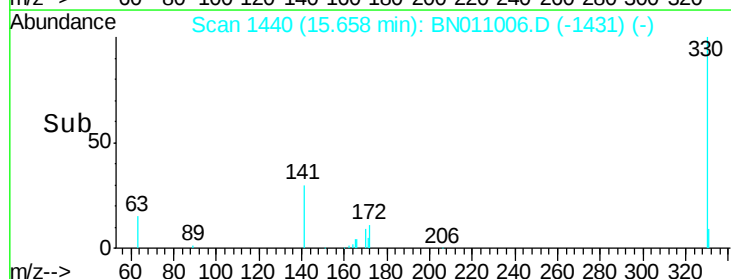
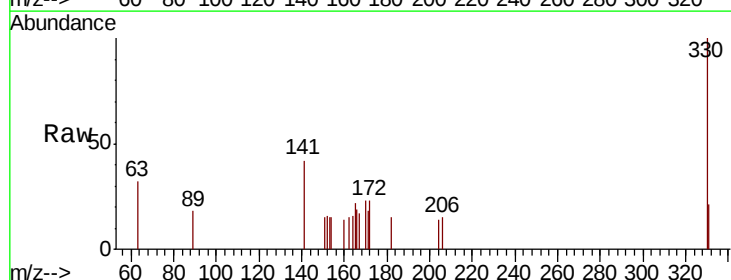
Tgt Ion:330 Resp: 531

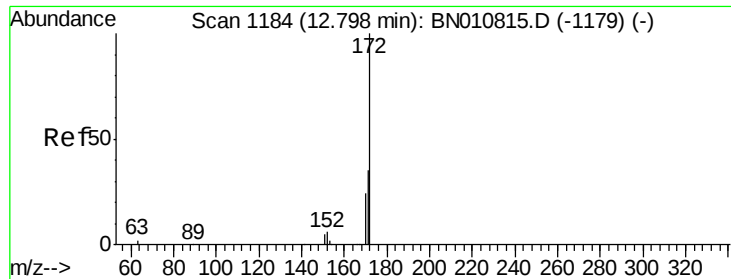
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 39.5 33.2 49.8

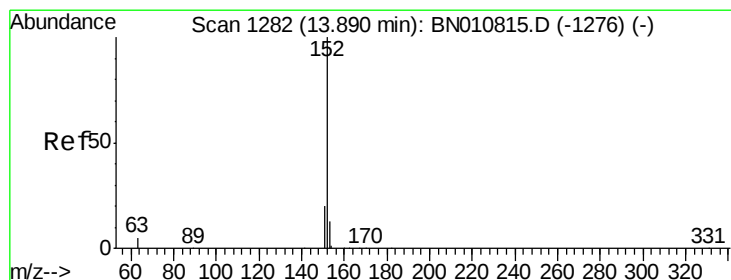
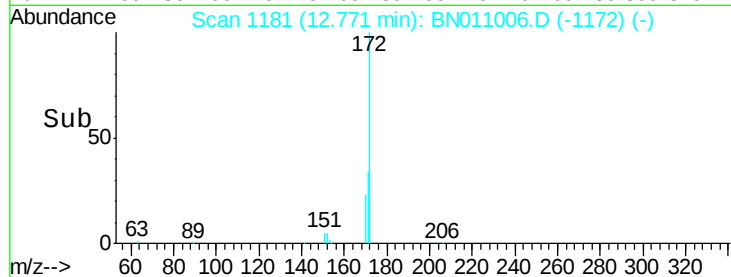
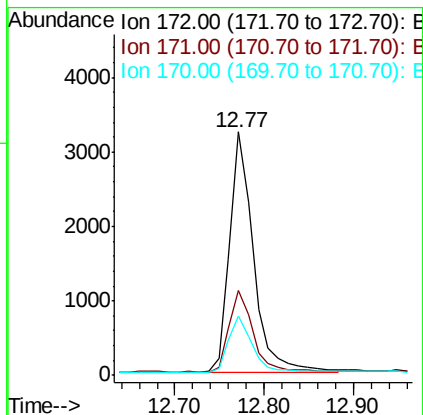
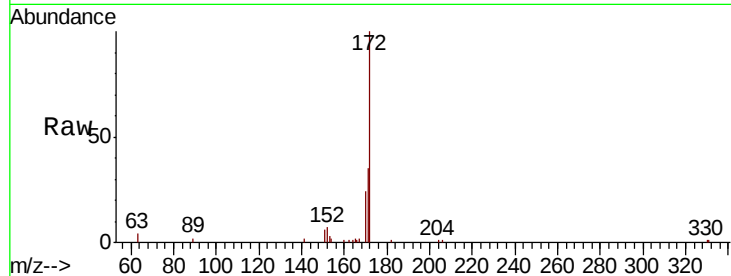




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.77 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BN011006.D
Acq: 22 Jun 2020 13:16

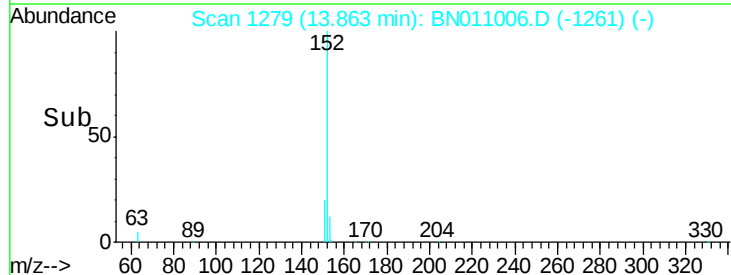
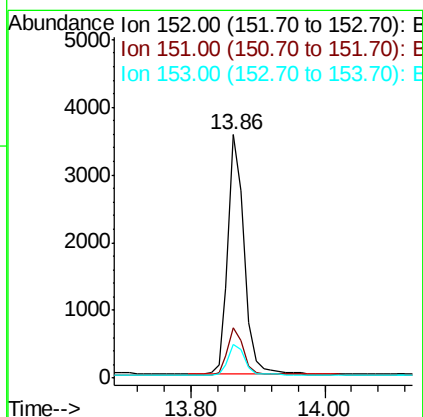
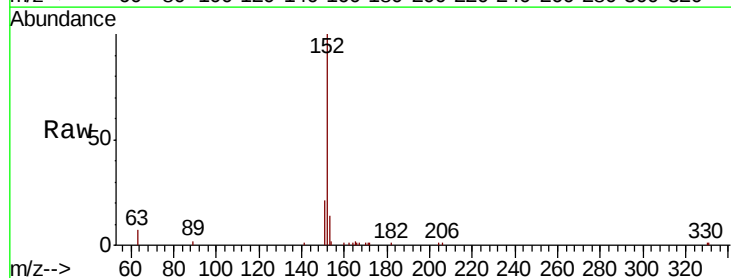
Instrument :
BNA_N
ClientSampleId :
PB129663BSD

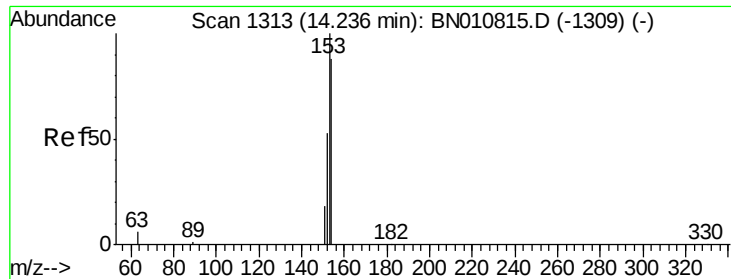
Tot Ion:172 Resp: 5962
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 24.4 19.7 29.5



#16
Acenaphthylene
Concen: 0.409 ng
RT: 13.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BN011006.D
Acq: 22 Jun 2020 13:16

Tgt Ion:152 Resp: 6026
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.403 ng

RT: 14.21 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

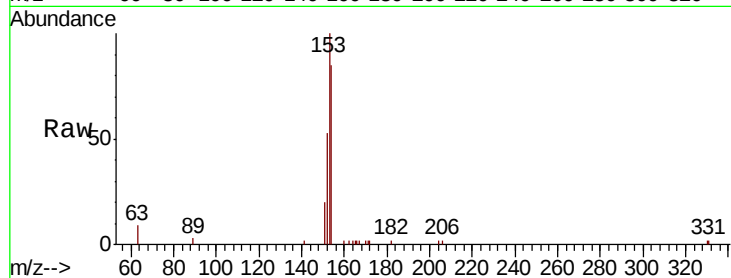
Tot Ion:154 Resp: 4051

Ion Ratio Lower Upper

154 100

153 116.3 91.8 137.6

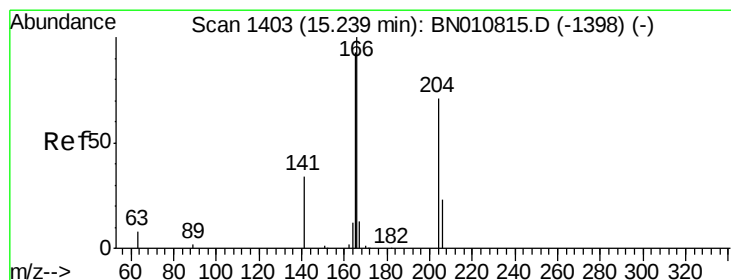
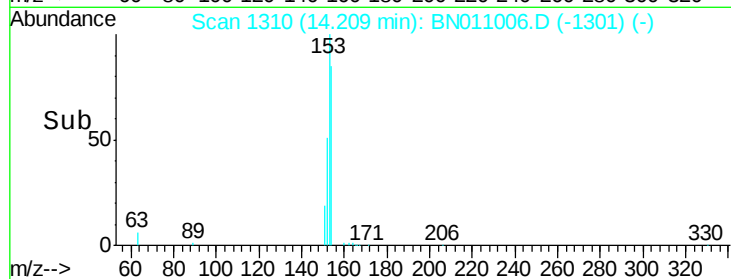
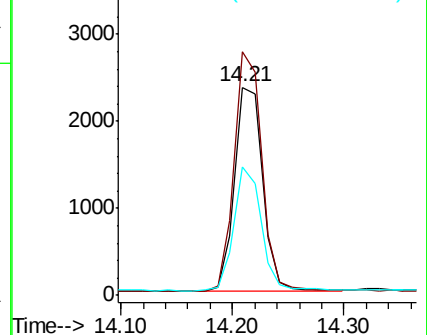
152 59.9 47.6 71.4



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: 0.398 ng

RT: 15.21 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

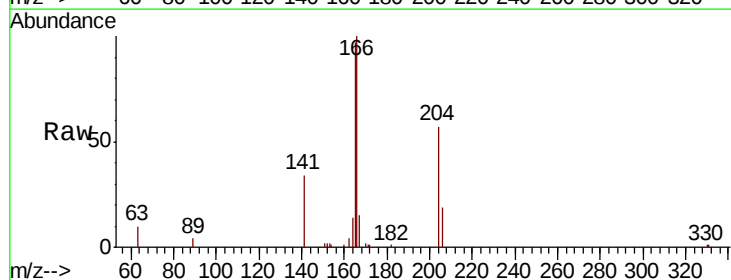
Tgt Ion:166 Resp: 5165

Ion Ratio Lower Upper

166 100

165 98.2 77.2 115.8

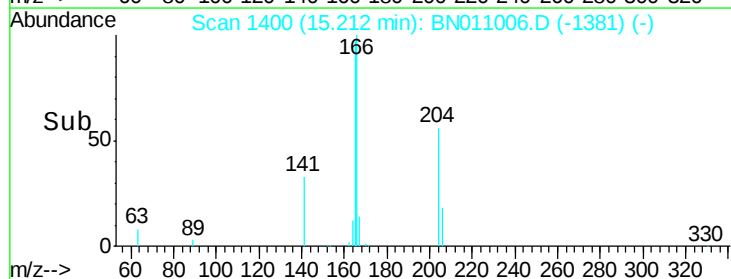
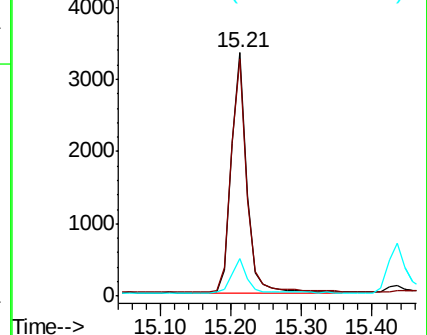
167 14.0 10.7 16.1

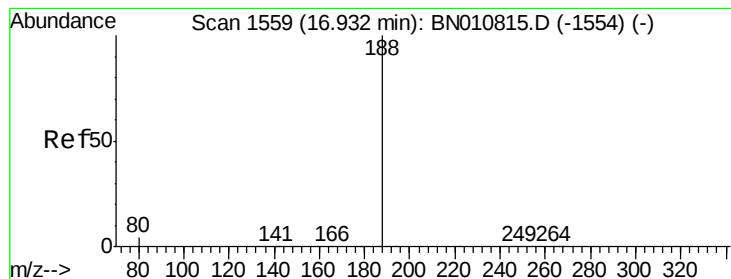


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1556

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

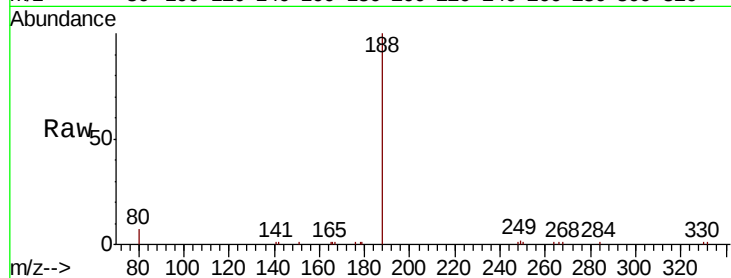
Tot Ion:188 Resp: 7216

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

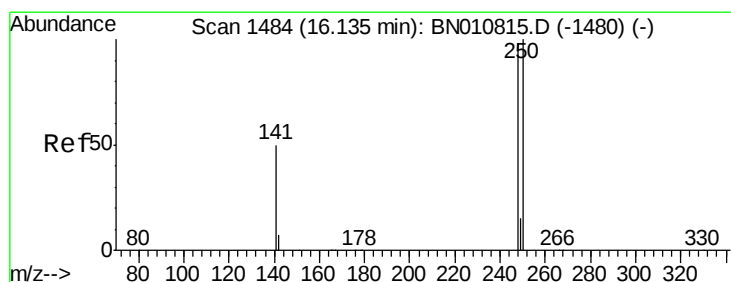
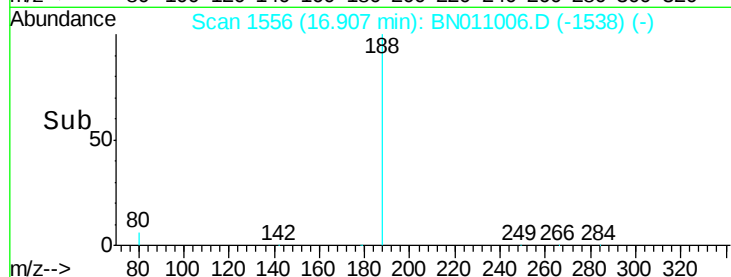
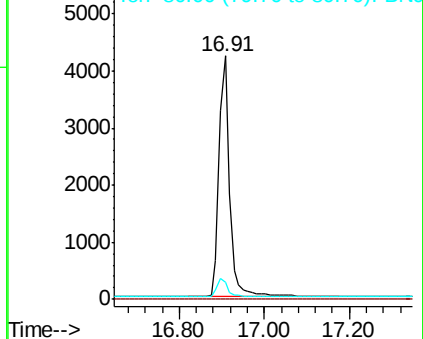
80 7.2 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.429 ng

RT: 16.11 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

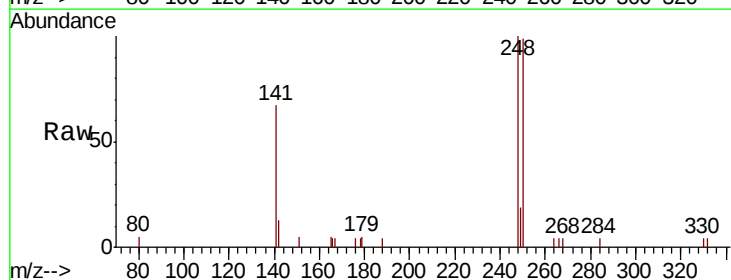
Tgt Ion:248 Resp: 1859

Ion Ratio Lower Upper

248 100

250 99.3 81.8 122.8

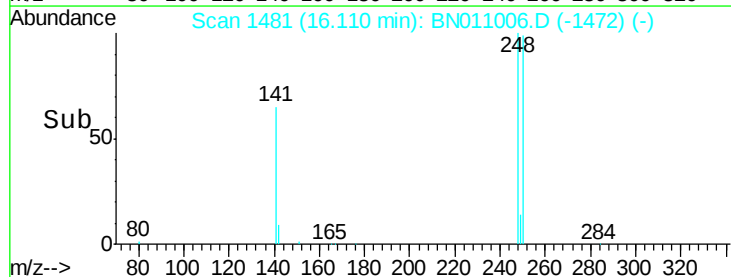
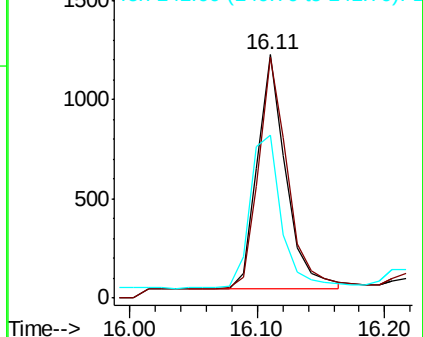
141 67.1 42.6 64.0#

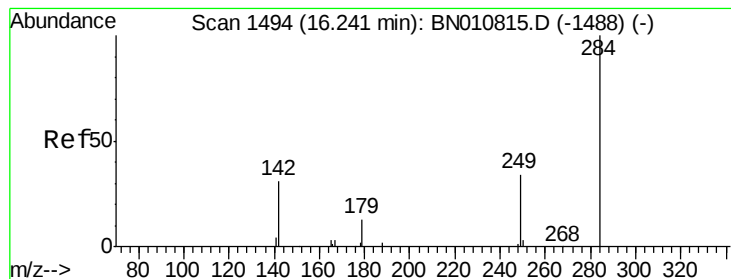


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.441 ng

RT: 16.22 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

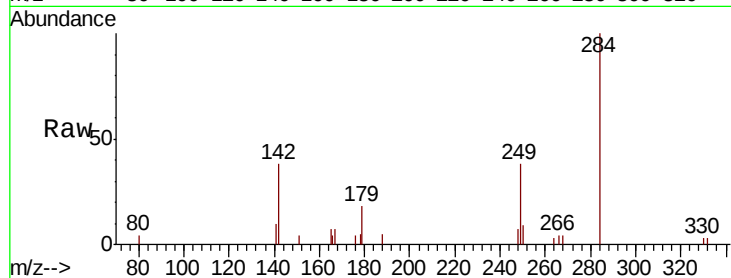
Tot Ion:284 Resp: 1994

Ion Ratio Lower Upper

284 100

142 40.1 31.0 46.4

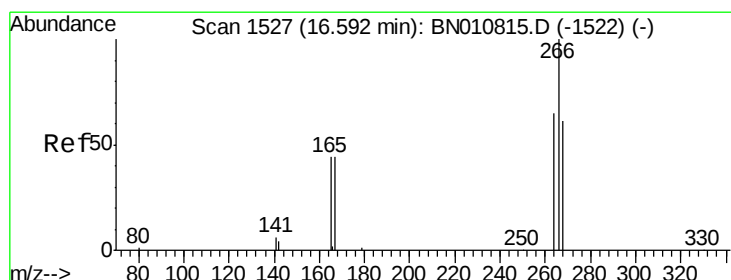
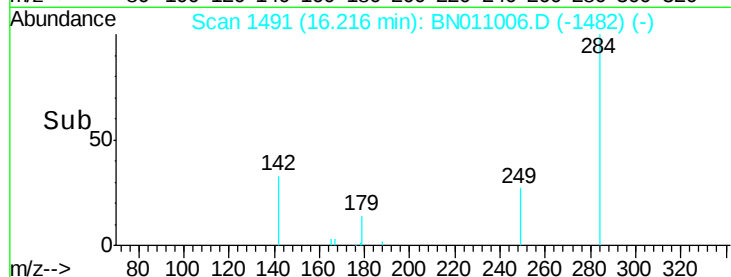
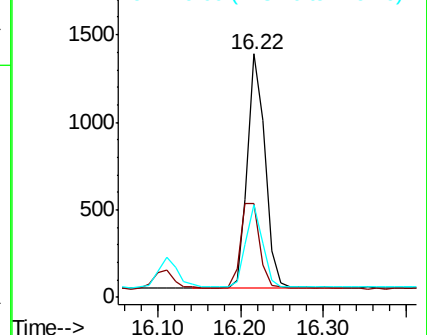
249 34.2 27.1 40.7



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: 0.354 ng

RT: 16.58 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

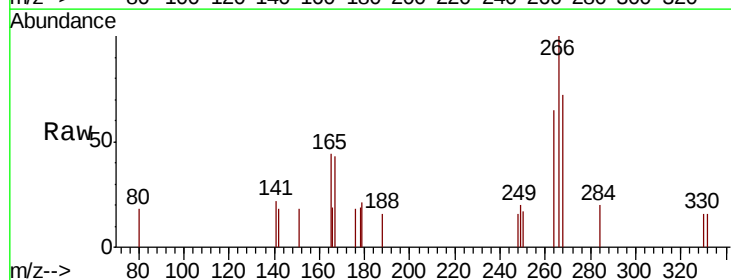
Tgt Ion:266 Resp: 538

Ion Ratio Lower Upper

266 100

264 64.8 54.8 82.2

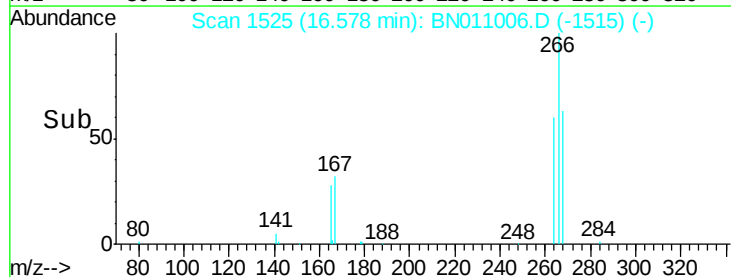
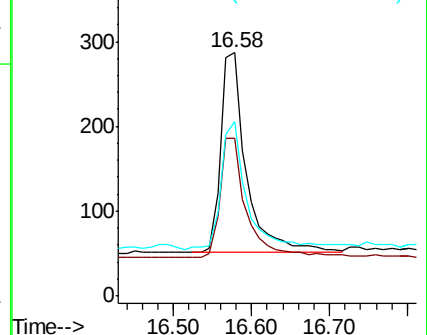
268 71.8 55.9 83.9

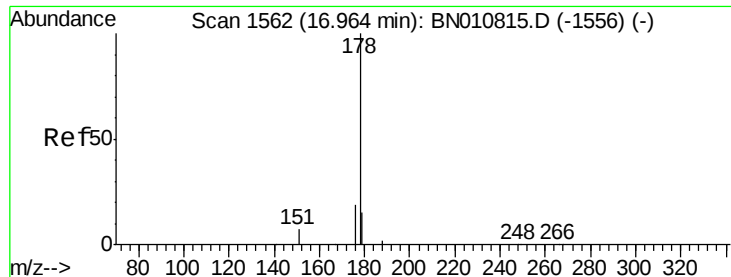


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 16.95 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

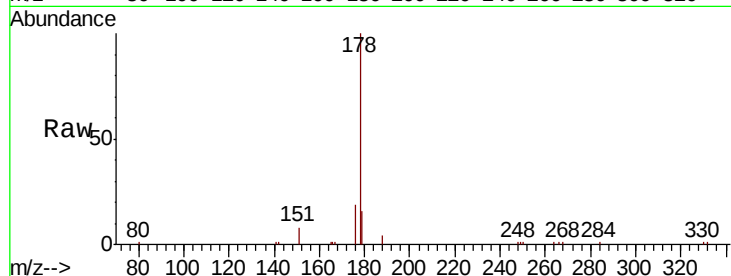
Tot Ion:178 Resp: 7810

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

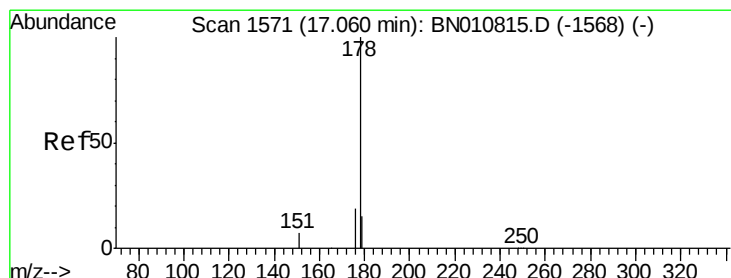
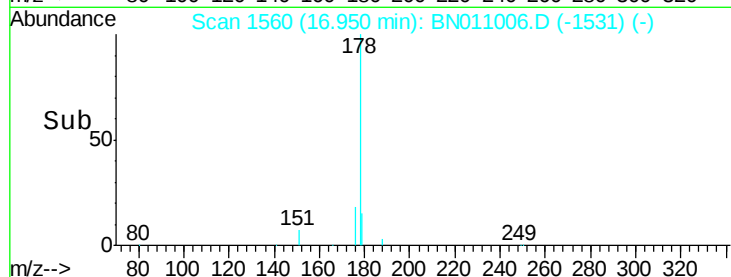
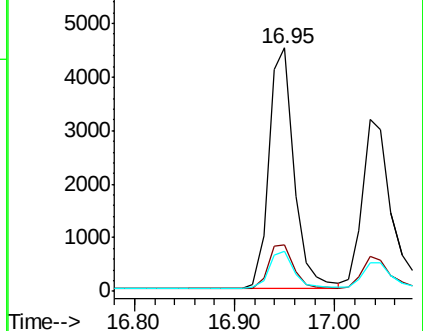
179 15.6 12.6 19.0



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: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

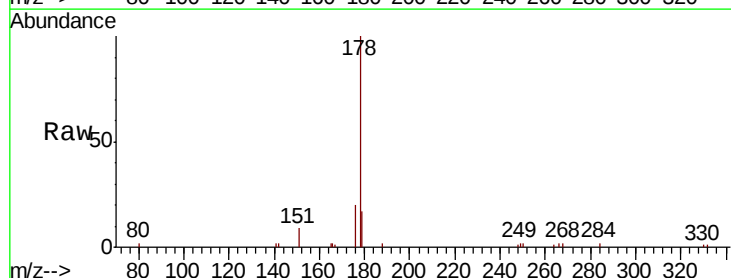
Tgt Ion:178 Resp: 6403

Ion Ratio Lower Upper

178 100

176 17.5 14.6 22.0

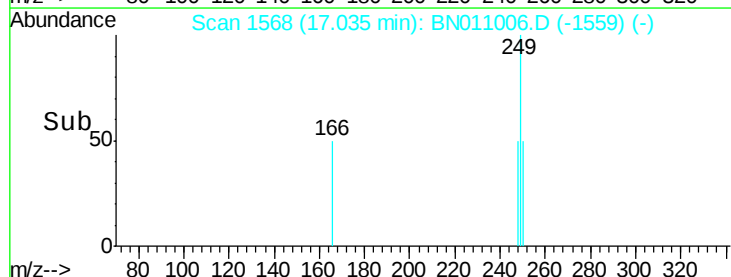
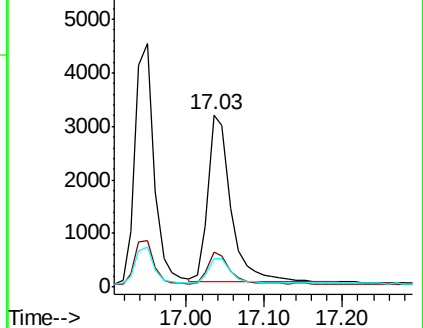
179 14.9 12.3 18.5

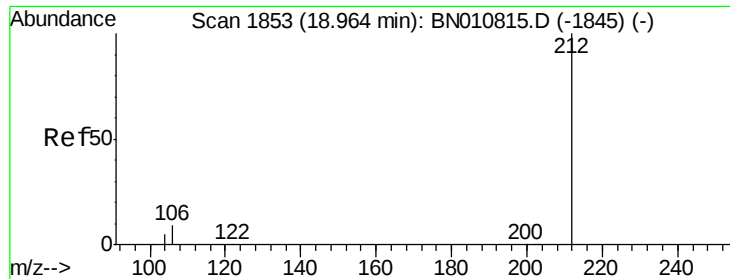


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

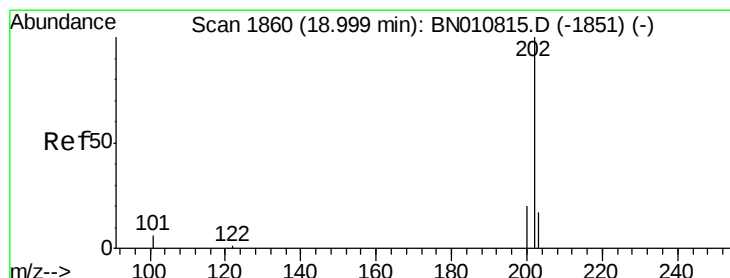
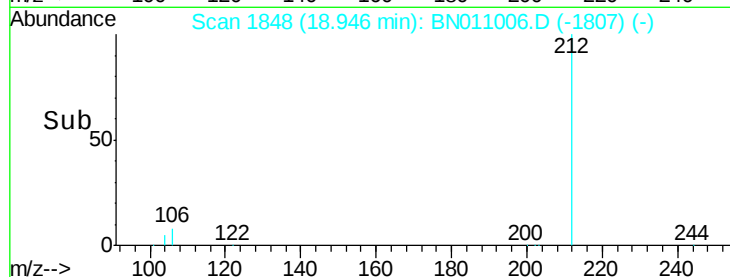
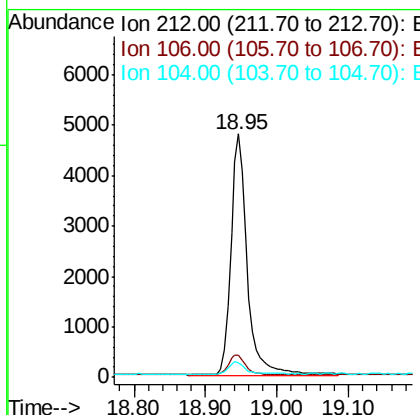
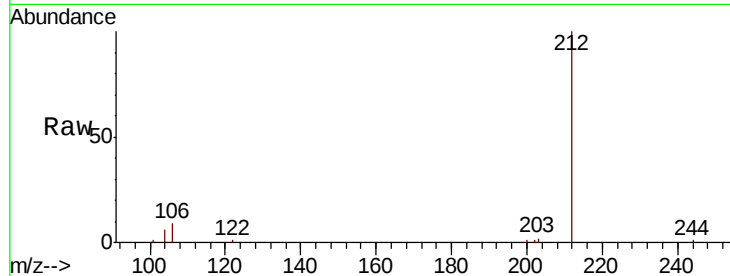




#25
 Fluoranthene-d10
 Concen: 0.381 ng
 RT: 18.95 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BN011006.D
 Acq: 22 Jun 2020 13:16

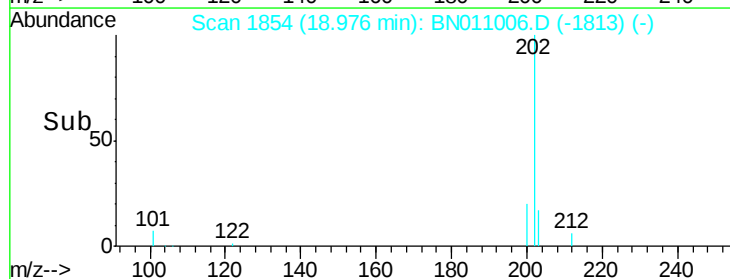
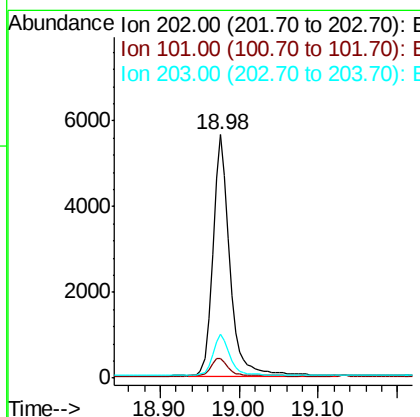
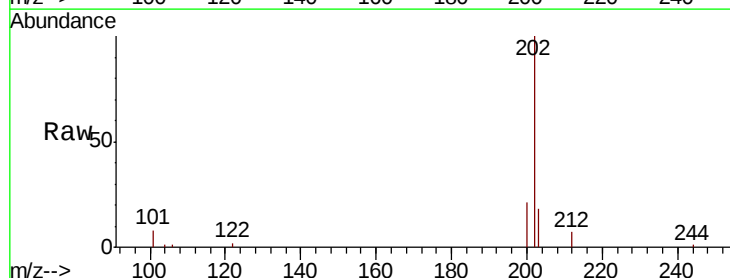
Instrument :
 BNA_N
 ClientSampleId :
 PB129663BSD

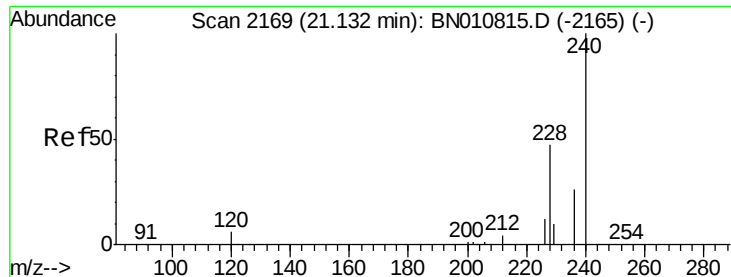
Tot Ion:212 Resp: 7588
 Ion Ratio Lower Upper
 212 100
 106 8.8 6.6 10.0
 104 5.4 4.0 6.0



#26
 Fluoranthene
 Concen: 0.378 ng
 RT: 18.98 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BN011006.D
 Acq: 22 Jun 2020 13:16

Tgt Ion:202 Resp: 8452
 Ion Ratio Lower Upper
 202 100
 101 7.7 5.8 8.6
 203 17.3 13.7 20.5

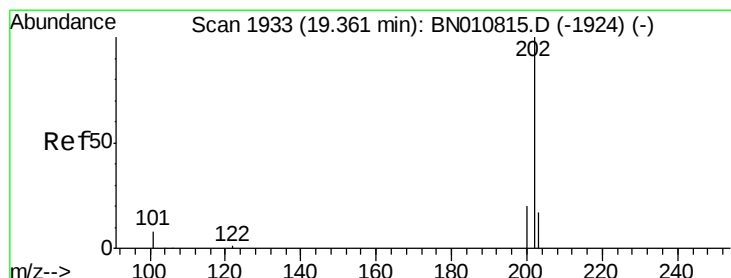
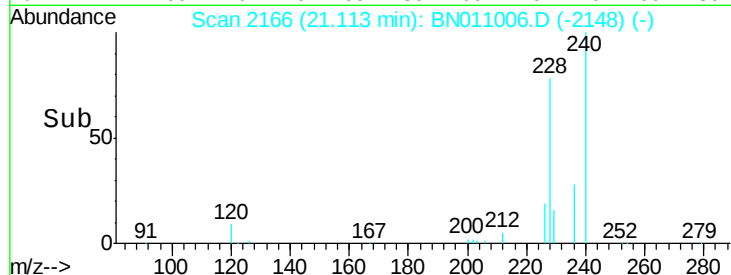
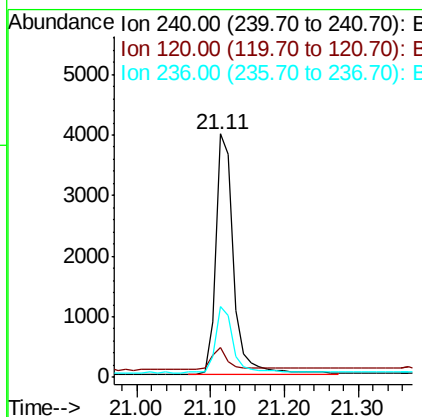
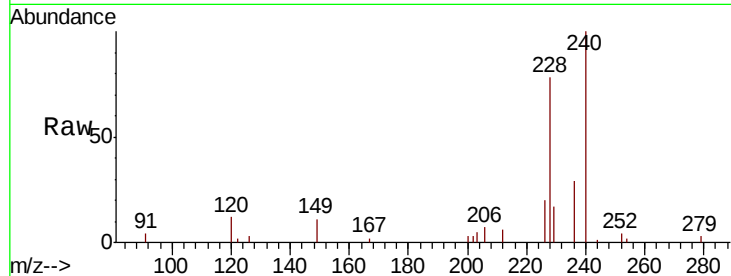




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BN011006.D
 Acq: 22 Jun 2020 13:16

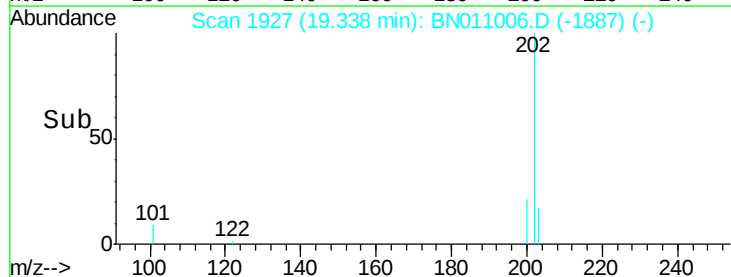
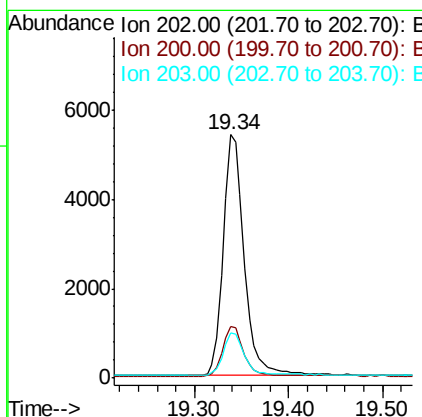
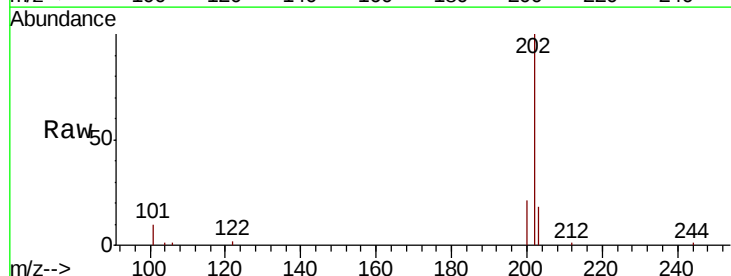
Instrument :
 BNA_N
 ClientSampleId :
 PB129663BSD

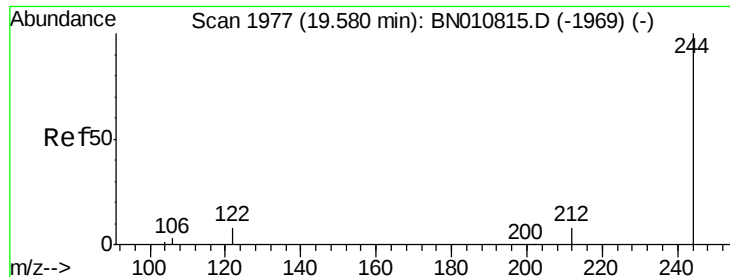
Tot Ion:240 Resp: 6715
 Ion Ratio Lower Upper
 240 100
 120 12.1 7.5 11.3#
 236 29.2 22.3 33.5



#28
 Pyrene
 Concen: 0.376 ng
 RT: 19.34 min Scan# 1927
 Delta R.T. -0.00 min
 Lab File: BN011006.D
 Acq: 22 Jun 2020 13:16

Tgt Ion:202 Resp: 8352
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.4 24.6
 203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 0.376 ng

RT: 19.56 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

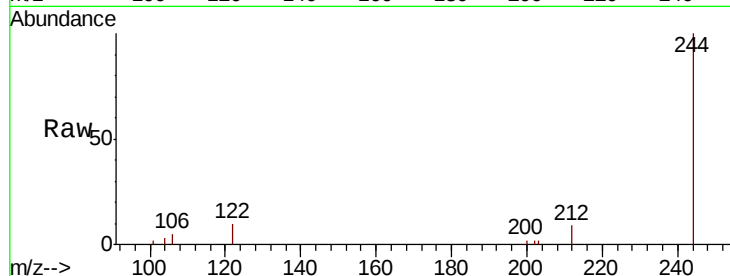
Tot Ion:244 Resp: 5911

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.2

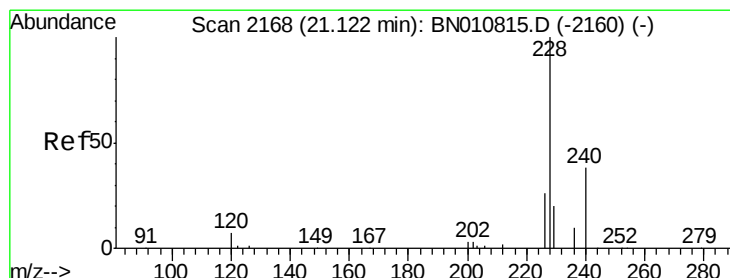
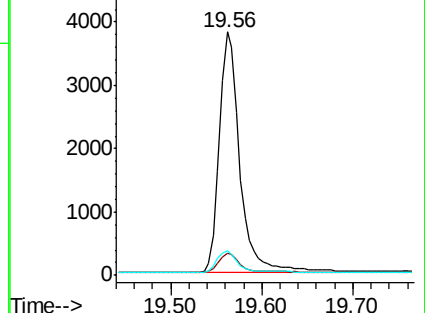
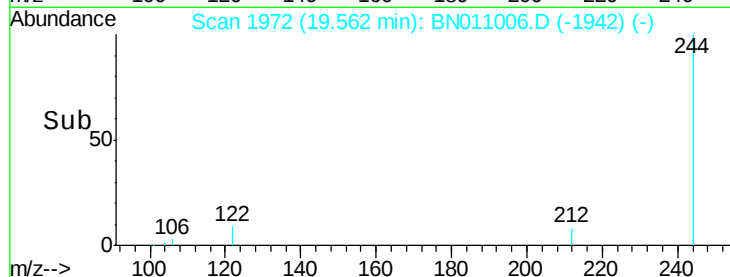
122 10.0 7.5 11.3



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: 0.421 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

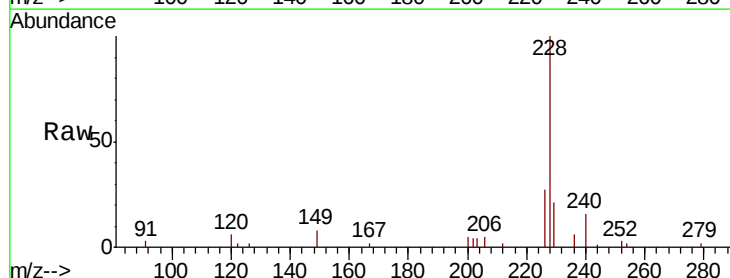
Tgt Ion:228 Resp: 8303

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

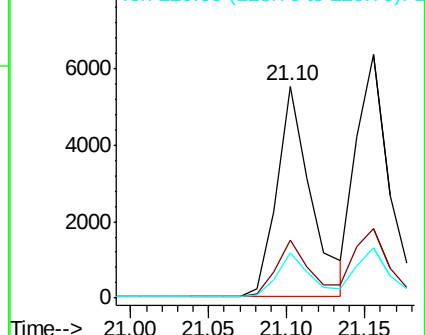
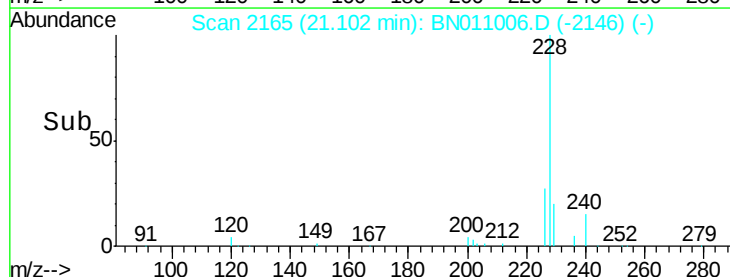
229 21.1 16.6 24.8

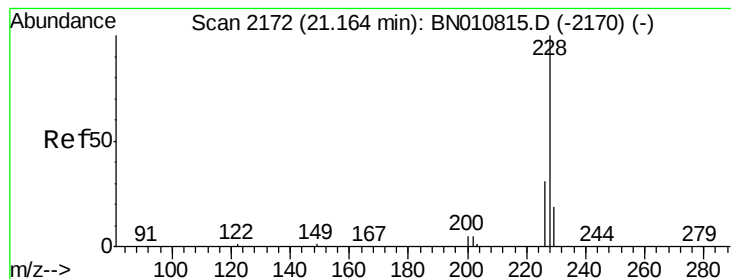


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrvsene

Concen: 0.405 ng

RT: 21.16 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

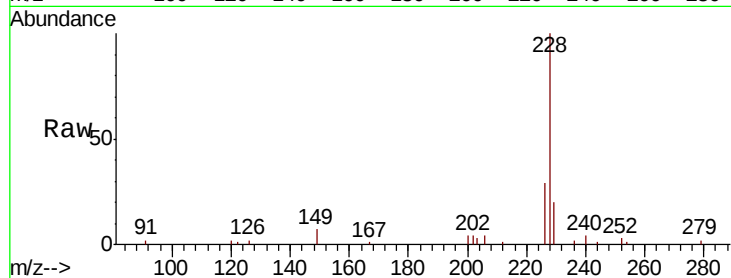
Tot Ion:228 Resp: 9312

Ion Ratio Lower Upper

228 100

226 28.6 25.0 37.6

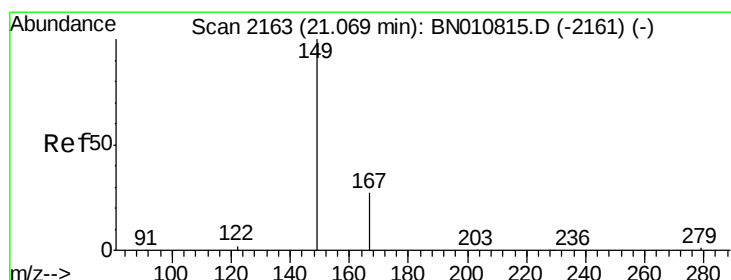
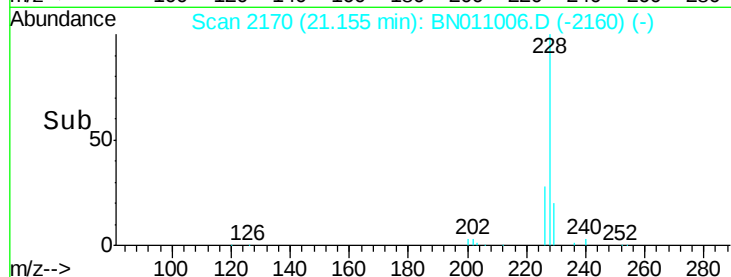
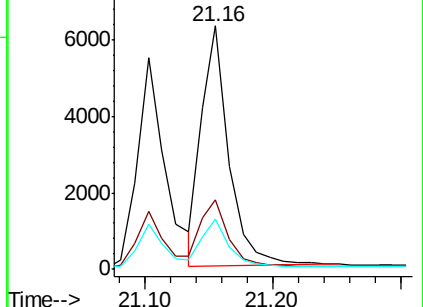
229 20.4 16.1 24.1



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: 0.451 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

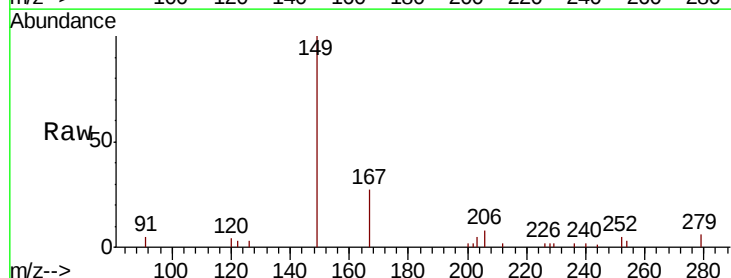
Tgt Ion:149 Resp: 2967

Ion Ratio Lower Upper

149 100

167 28.5 24.1 36.1

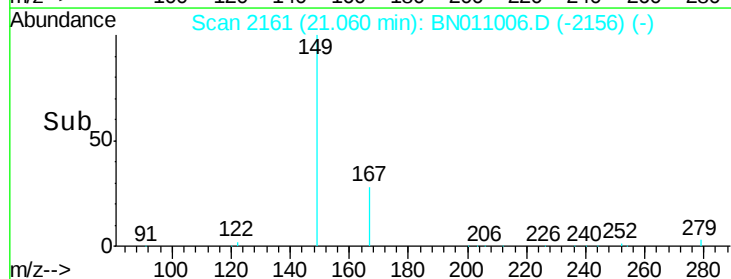
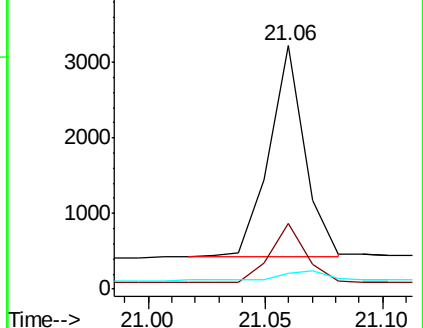
279 5.2 4.6 7.0

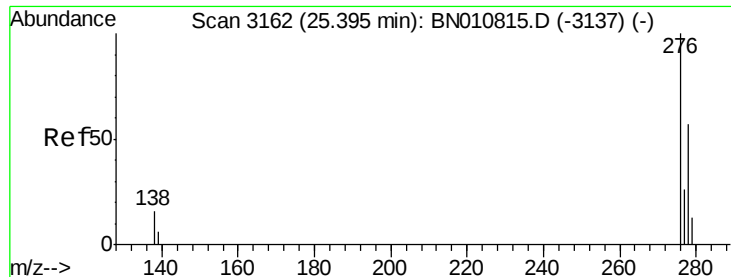


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.410 ng

RT: 25.36 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

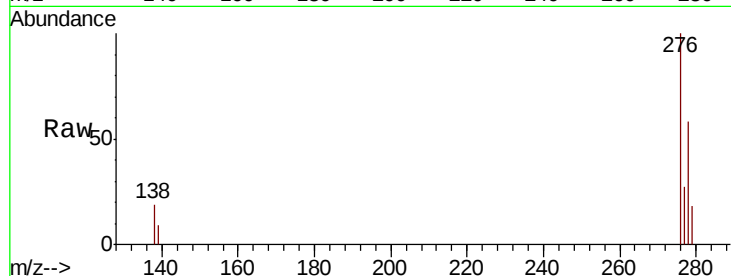
Tot Ion:276 Resp: 10548

Ion Ratio Lower Upper

276 100

138 19.1 13.0 19.6

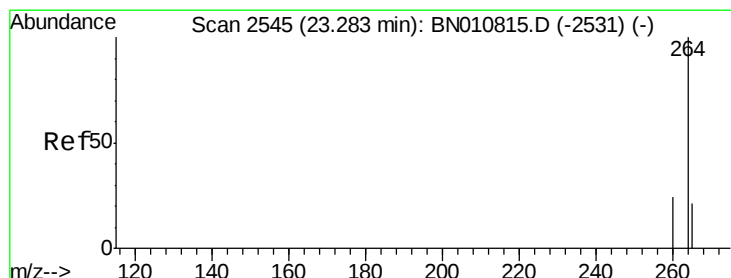
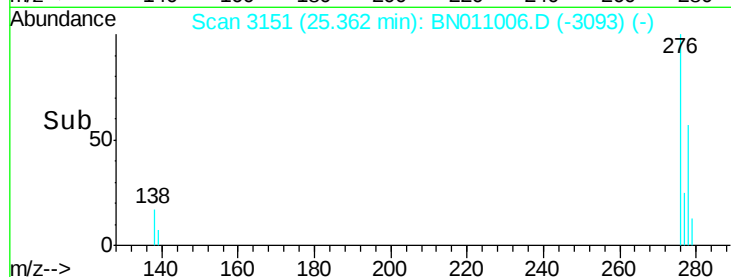
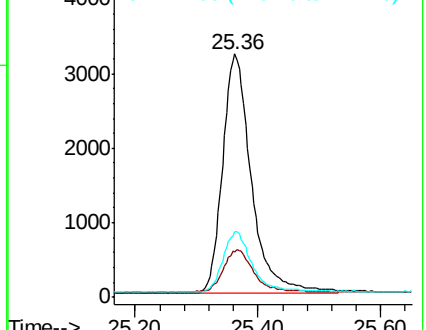
277 24.4 19.7 29.5



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: BN011006.D

Acq: 22 Jun 2020 13:16

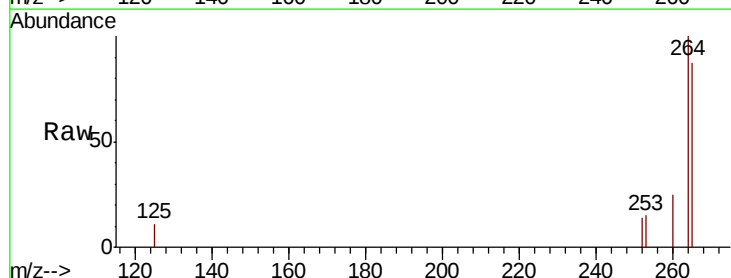
Tgt Ion:264 Resp: 6390

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

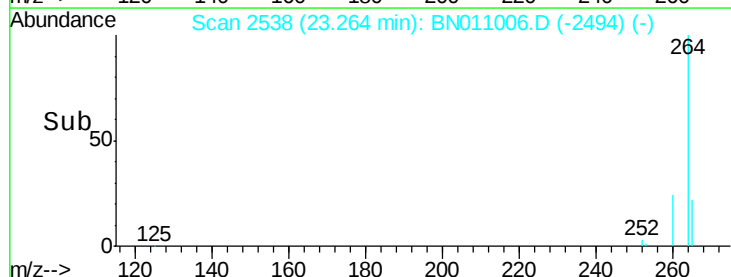
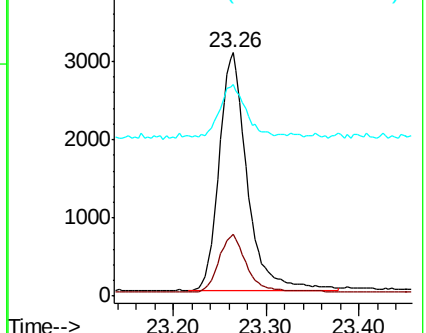
265 87.1 75.0 112.4

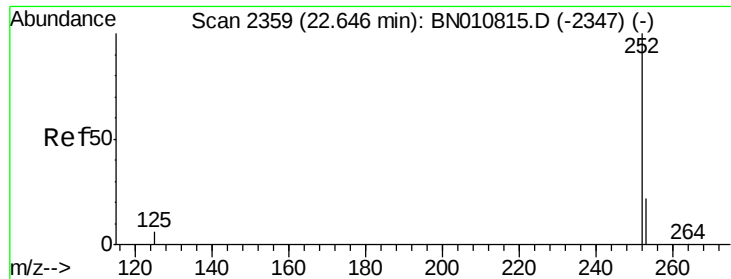


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.381 ng

RT: 22.63 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

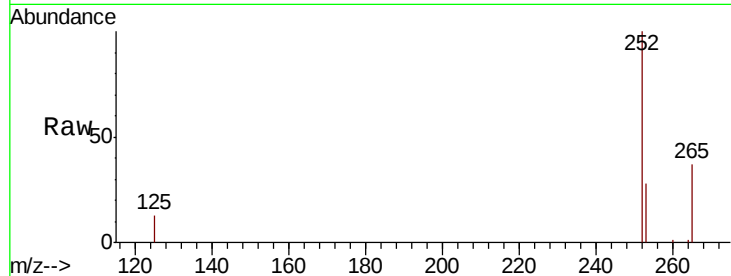
Tot Ion:252 Resp: 8286

Ion Ratio Lower Upper

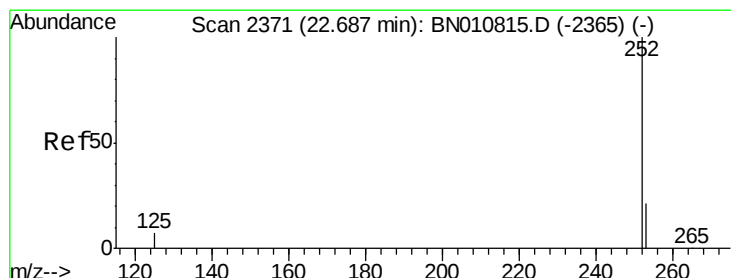
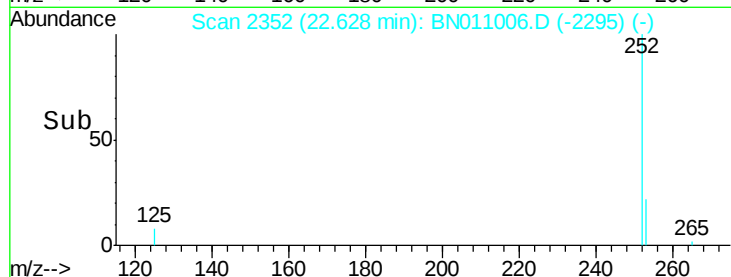
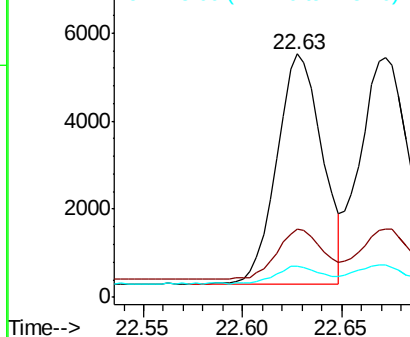
252 100

253 27.8 22.4 33.6

125 12.7 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: 0.391 ng

RT: 22.67 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

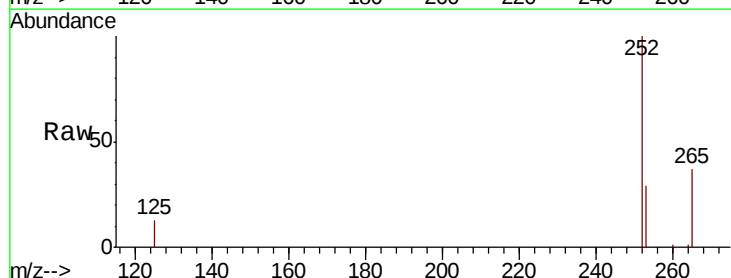
Tgt Ion:252 Resp: 9043

Ion Ratio Lower Upper

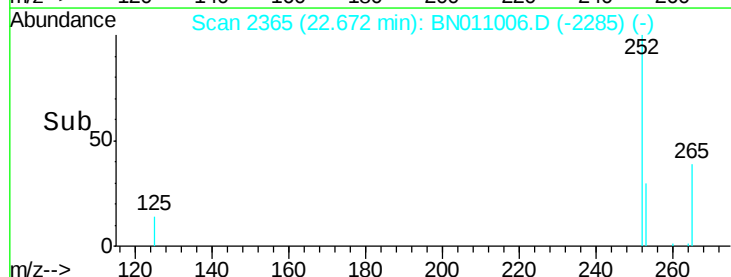
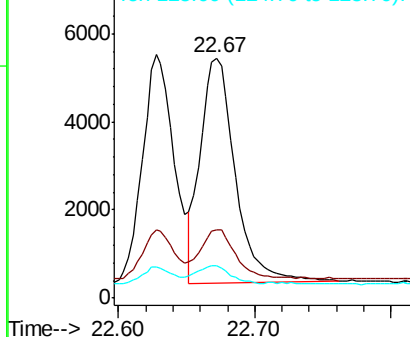
252 100

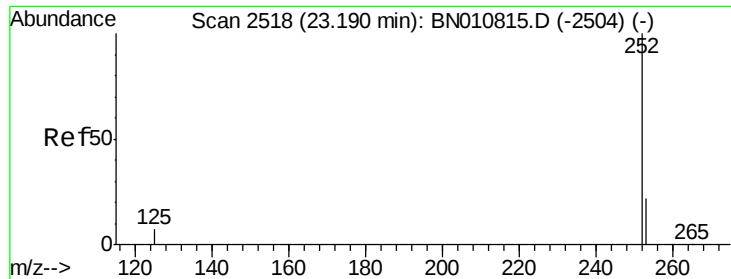
253 28.7 22.2 33.4

125 13.4 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: 0.406 ng

RT: 23.17 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

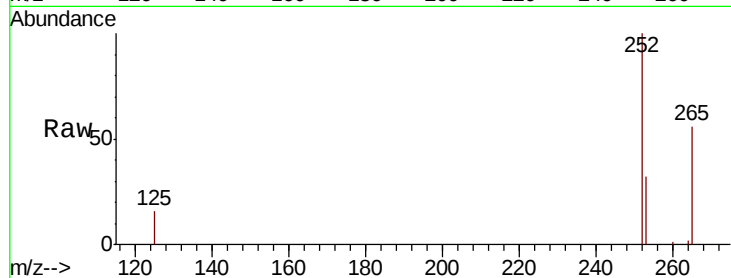
Tot Ion:252 Resp: 7562

Ion Ratio Lower Upper

252 100

253 31.8 25.8 38.8

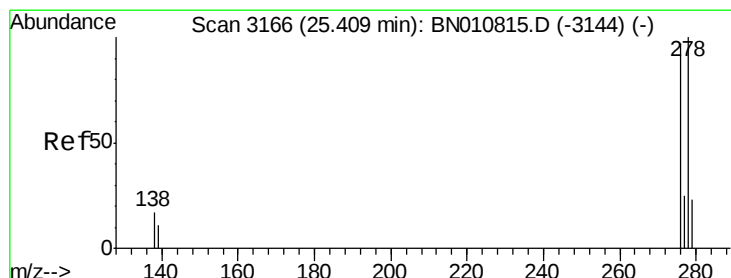
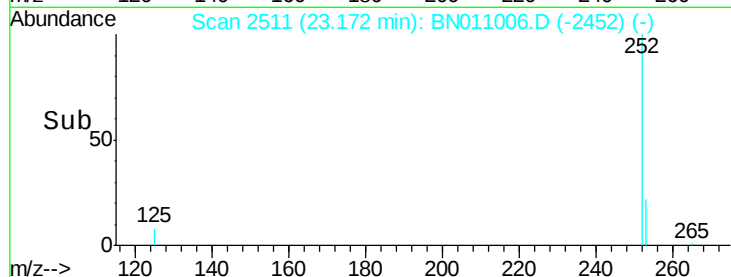
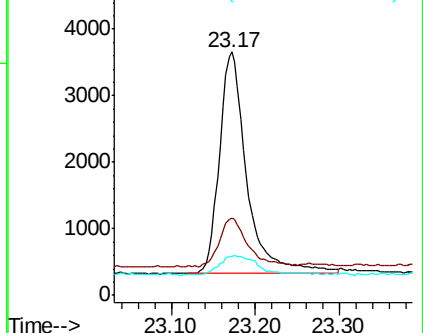
125 16.1 12.4 18.6



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: 0.404 ng

RT: 25.38 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BN011006.D

Acq: 22 Jun 2020 13:16

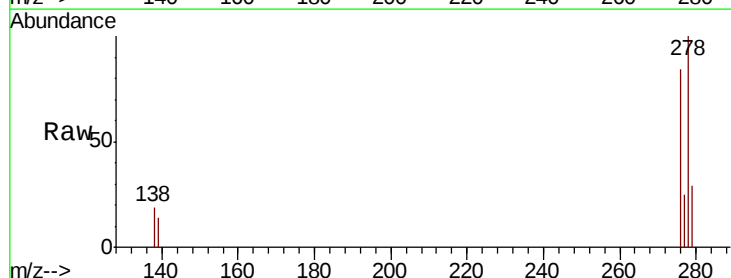
Tgt Ion:278 Resp: 8580

Ion Ratio Lower Upper

278 100

139 14.3 10.6 15.8

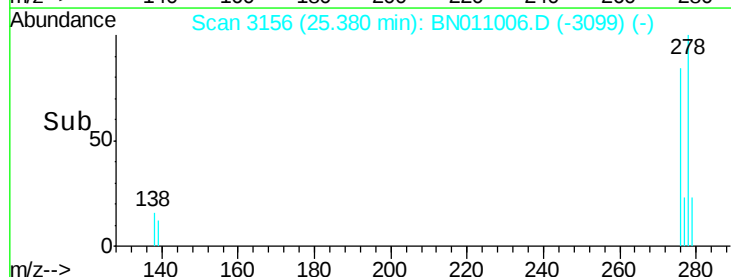
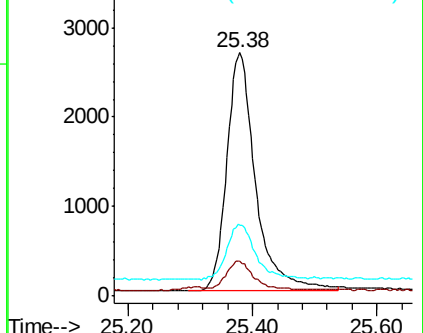
279 29.1 23.6 35.4

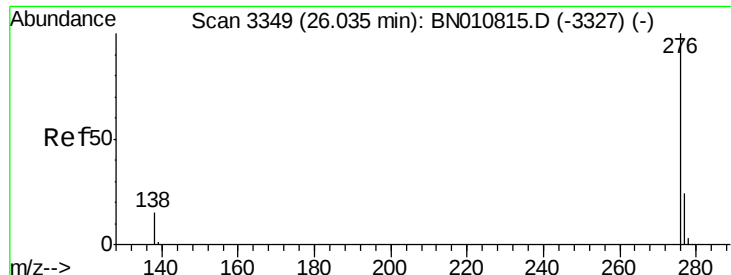


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.409 ng

RT: 26.00 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BN011006.D

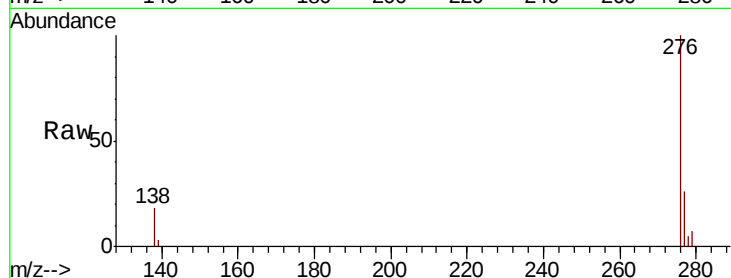
Acq: 22 Jun 2020 13:16

Instrument :

BNA_N

ClientSampleId :

PB129663BSD



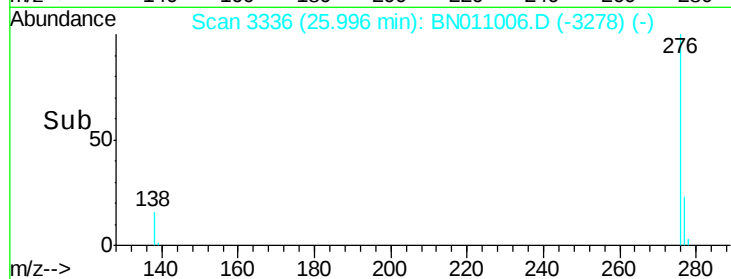
Tot Ion: 276 Resp: 9096

Ion Ratio Lower Upper

276 100

277 25.5 20.5 30.7

138 18.0 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

