

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011043.D
 Acq On : 24 Jun 2020 12:02
 Operator : CG/JU
 Sample : PB129663BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BSD

Quant Time: Jun 24 12:40:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1999	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	6837	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	3587	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	7110	0.40	ng	0.00
29) Chrysene-d12	21.11	240	6692	0.40	ng	0.00
36) Perylene-d12	23.26	264	6418	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2330	0.41	ng	0.00
5) Phenol-d6	6.73	99	2616	0.39	ng	0.02
8) Nitrobenzene-d5	8.66	82	2152	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	4665	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	556	0.35	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	7002	0.42	ng	0.00
27) Fluoranthene-d10	18.94	212	8744	0.39	ng	0.00
31) Terphenyl-d14	19.56	244	7394	0.41	ng	0.00

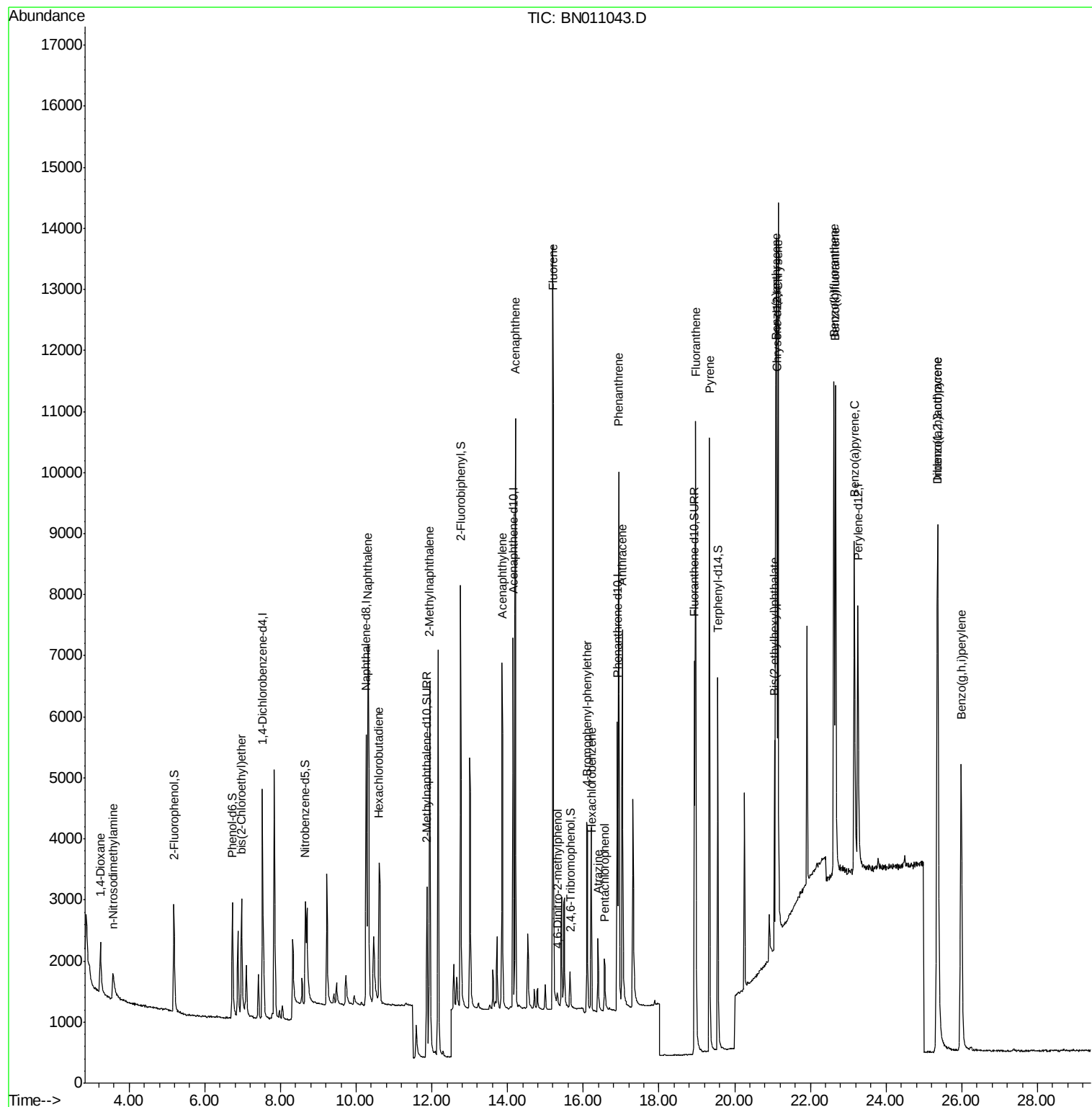
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1120	0.417	ng	99
3) n-Nitrosodimethylamine	3.57	42	541	0.361	ng	# 87
6) bis(2-Chloroethyl)ether	6.98	93	2269	0.394	ng	99
9) Naphthalene	10.32	128	8133	0.392	ng	100
10) Hexachlorobutadiene	10.61	225	2018	0.403	ng	# 99
12) 2-Methylnaphthalene	11.94	142	5408	0.389	ng	99
16) Acenaphthylene	13.85	152	7231	0.400	ng	100
17) Acenaphthene	14.21	154	4960	0.409	ng	99
18) Fluorene	15.20	166	6180	0.399	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	302	0.254	ng	# 80
21) 4-Bromophenyl-phenylether	16.11	248	1932	0.393	ng	# 77
22) Hexachlorobenzene	16.22	284	2319	0.427	ng	98
23) Atrazine	16.39	200	1206	0.332	ng	# 93
24) Pentachlorophenol	16.57	266	570	0.332	ng	95
25) Phenanthrene	16.93	178	9571	0.399	ng	100
26) Anthracene	17.03	178	7818	0.393	ng	99
28) Fluoranthene	18.97	202	10490	0.383	ng	99
30) Pyrene	19.33	202	10424	0.405	ng	99
32) Benzo(a)anthracene	21.09	228	9037	0.390	ng	99
33) Chrysene	21.15	228	10692	0.423	ng	100
34) Bis(2-ethylhexyl)phthalate	21.05	149	3248	0.348	ng	99
35) Indeno(1,2,3-cd)pyrene	25.35	276	11947	0.425	ng	99
37) Benzo(b)fluoranthene	22.62	252	10305	0.406	ng	98
38) Benzo(k)fluoranthene	22.67	252	10821	0.410	ng	99
39) Benzo(a)pyrene	23.16	252	9066	0.402	ng	97
40) Dibenzo(a,h)anthracene	25.37	278	9745	0.401	ng	98
41) Benzo(g,h,i)perylene	25.99	276	10201	0.405	ng	100

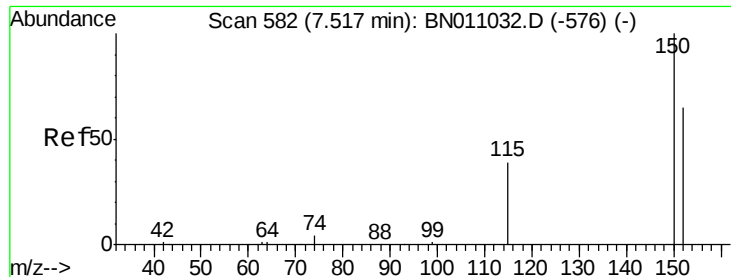
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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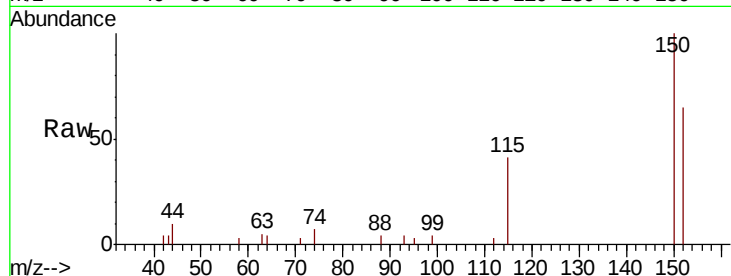


#1

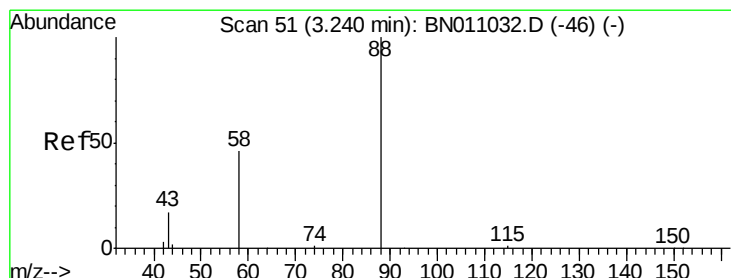
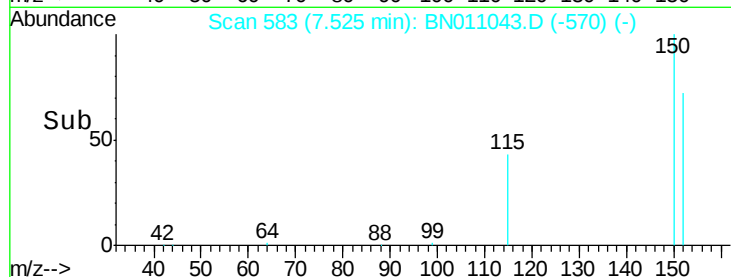
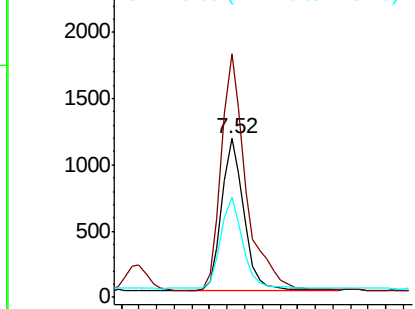
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Instrument :
BNA_N
ClientSampleId :
PB129663BSD

Tot Ion:152 Resp: 1999
Ion Ratio Lower Upper
152 100
150 153.5 121.8 182.8
115 63.0 50.2 75.2



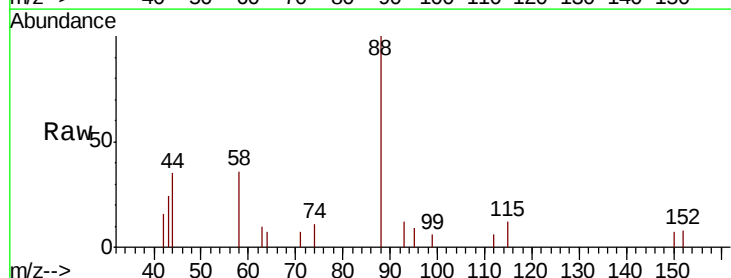
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



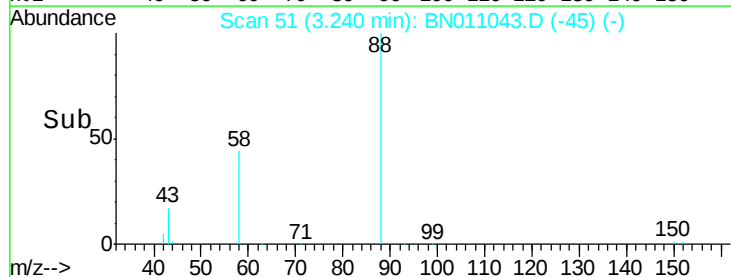
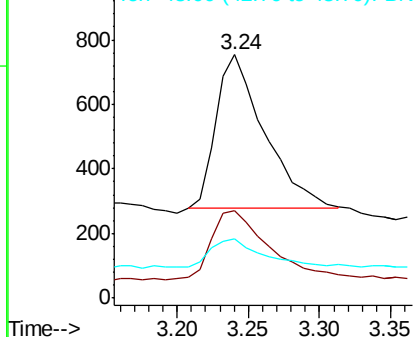
#2

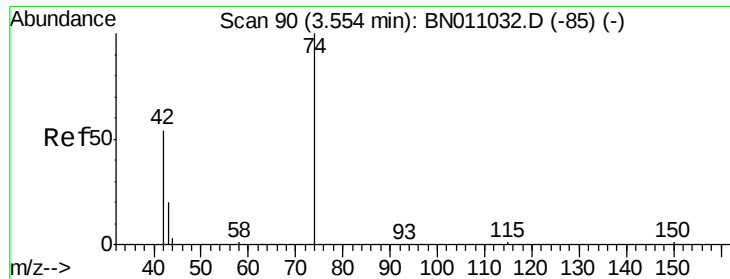
1,4-Dioxane
Concen: 0.417 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion: 88 Resp: 1120
Ion Ratio Lower Upper
88 100
58 48.9 38.4 57.6
43 18.0 14.2 21.4



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



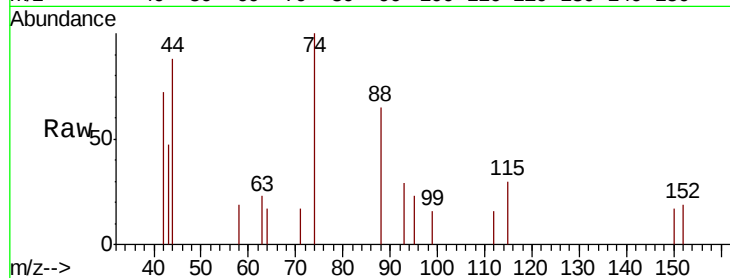


#3

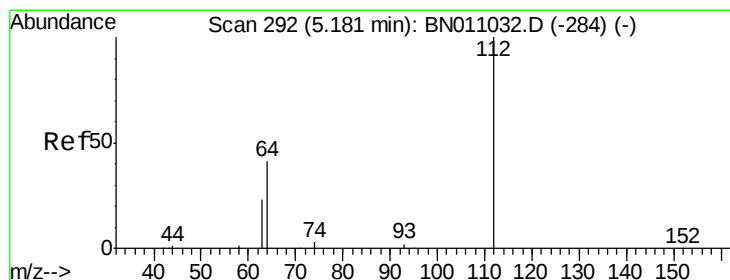
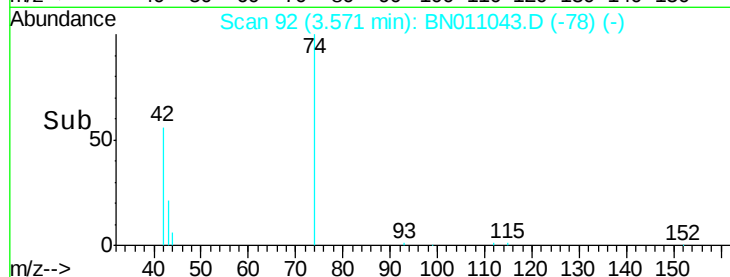
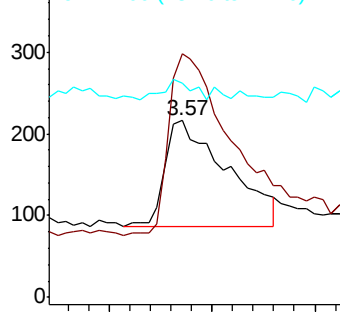
n-Nitrosodimethylamine
 Concen: 0.361 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.02 min
 Lab File: BN011043.D
 Acq: 24 Jun 2020 12:02

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	173.4	154.8	232.2
44	8.3	4.8	7.2#



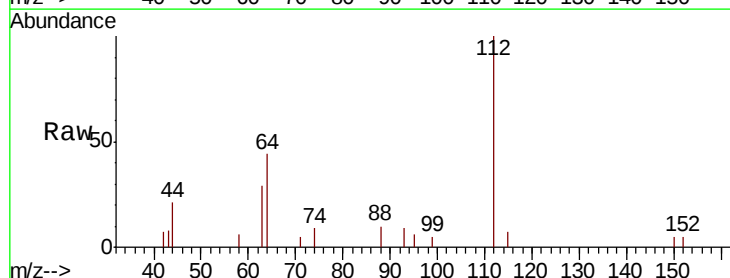
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



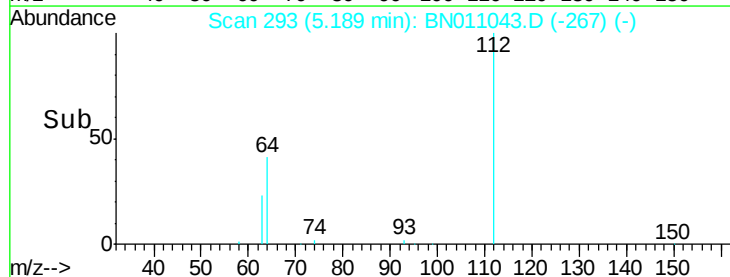
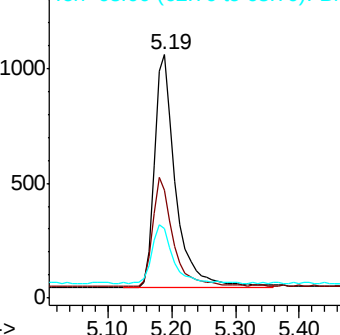
#4

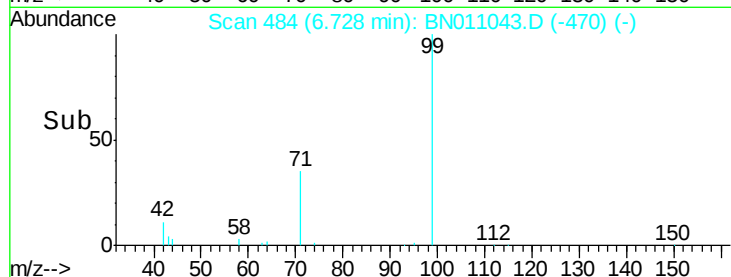
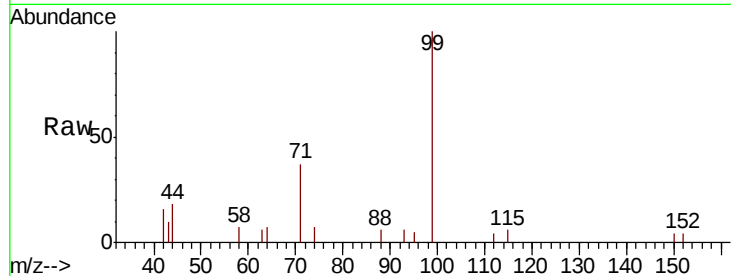
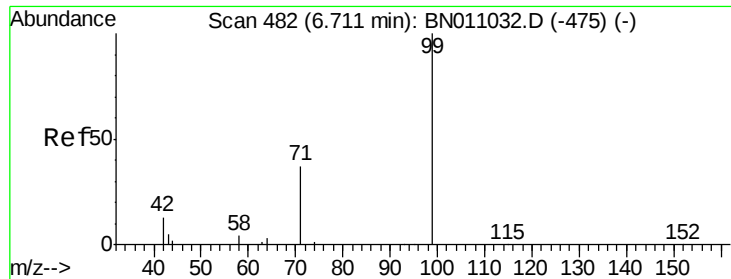
2-Fluorophenol
 Concen: 0.414 ng
 RT: 5.19 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BN011043.D
 Acq: 24 Jun 2020 12:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.2	37.3	55.9
63	24.7	20.4	30.6



Abundance Ion 112.00 (111.70 to 112.70): BNC
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.392 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.02 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

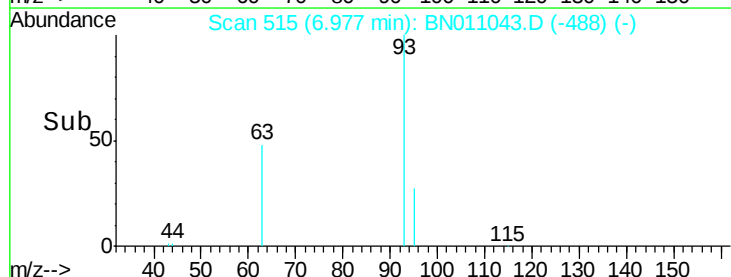
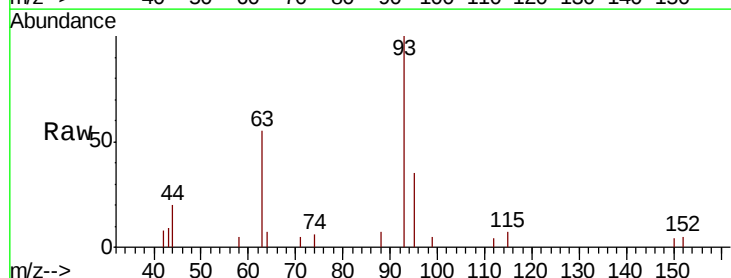
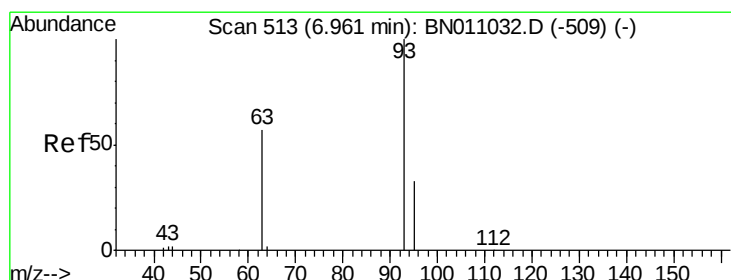
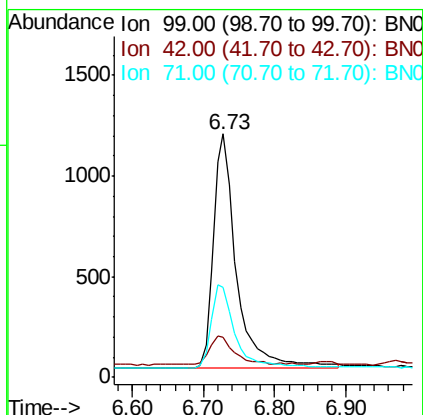
Tot Ion: 99 Resp: 2616

Ion Ratio Lower Upper

99 100

42 13.0 10.6 16.0

71 36.1 28.7 43.1



#6

bis(2-Chloroethyl)ether

Concen: 0.394 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.02 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

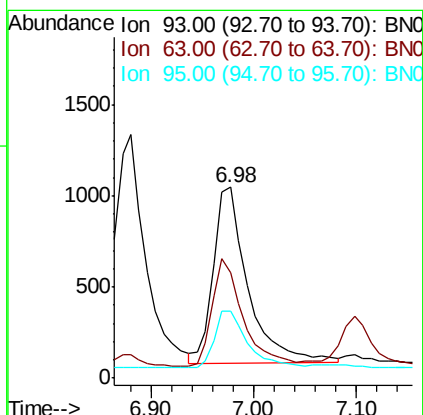
Tgt Ion: 93 Resp: 2269

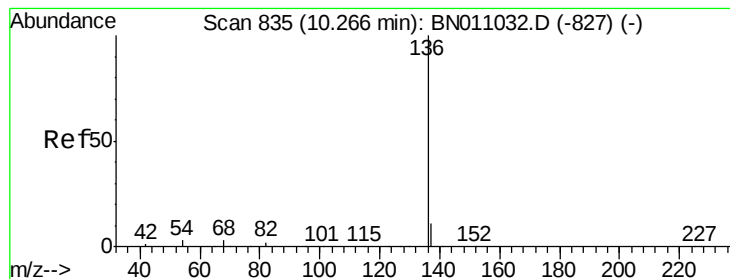
Ion Ratio Lower Upper

93 100

63 54.4 43.7 65.5

95 31.0 25.3 37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

Tot Ion:136 Resp: 6837

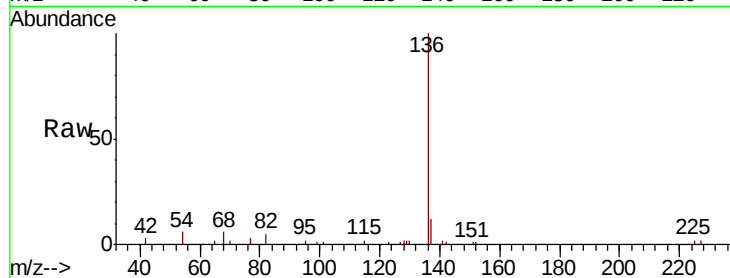
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 5.7 3.0 4.4#

68 6.4 3.4 5.2#

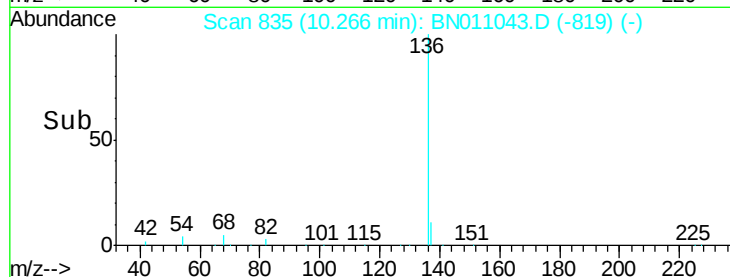


Abundance Ion 136.00 (135.70 to 136.70): E

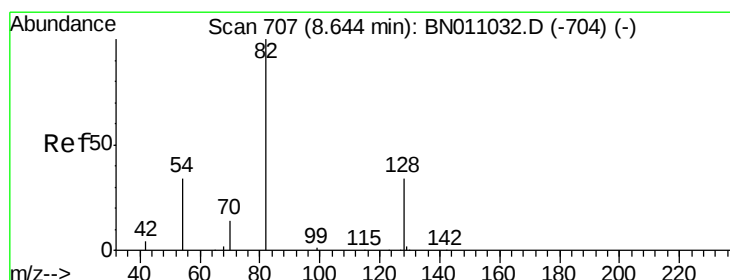
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

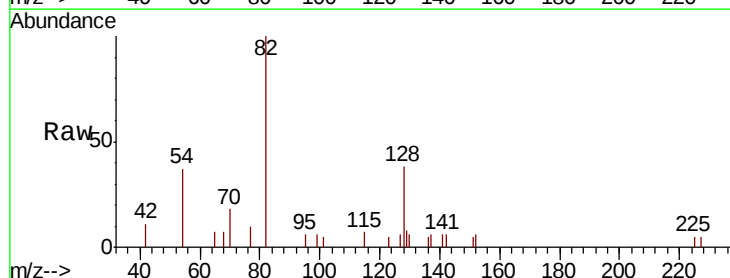
Tgt Ion: 82 Resp: 2152

Ion Ratio Lower Upper

82 100

128 37.8 29.4 44.2

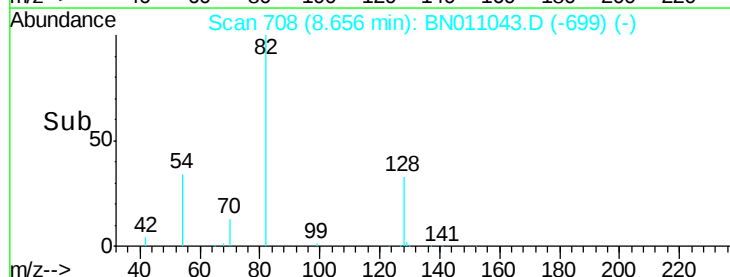
54 37.2 28.8 43.2



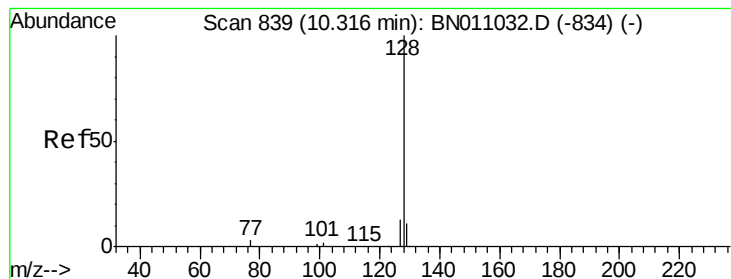
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.392 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

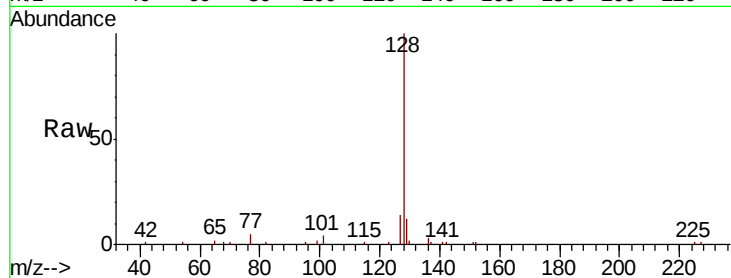
Tot Ion:128 Resp: 8133

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.6

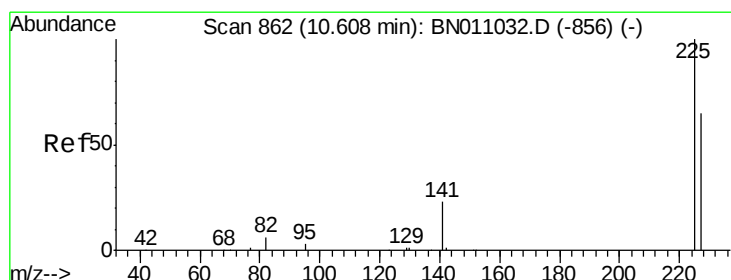
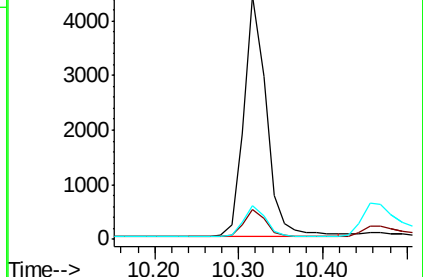
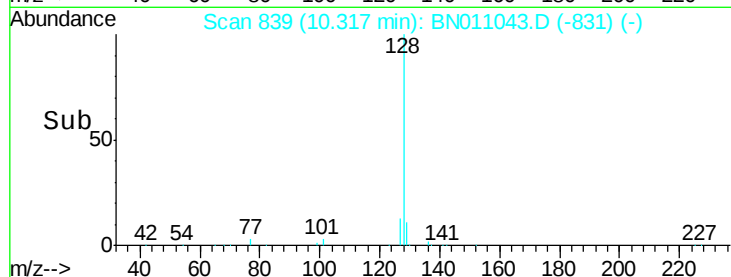
127 13.8 10.9 16.3



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: 0.403 ng

RT: 10.61 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

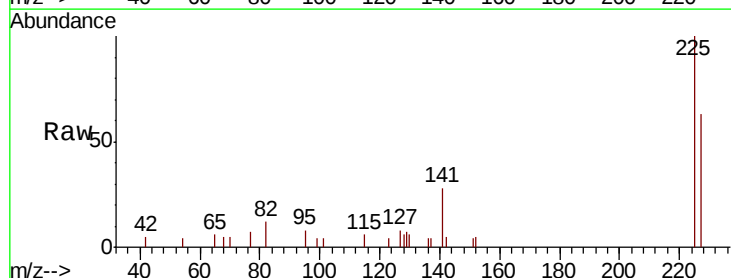
Tgt Ion:225 Resp: 2018

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

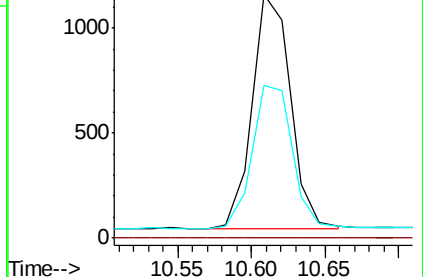
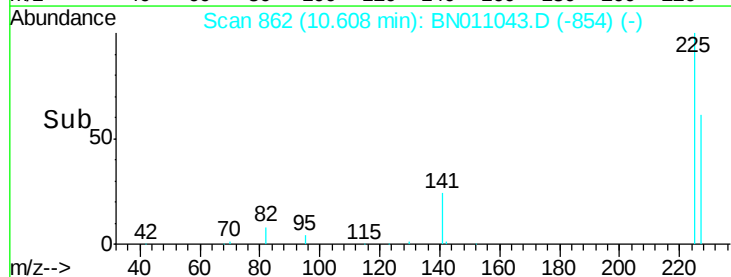
227 64.1 51.7 77.5

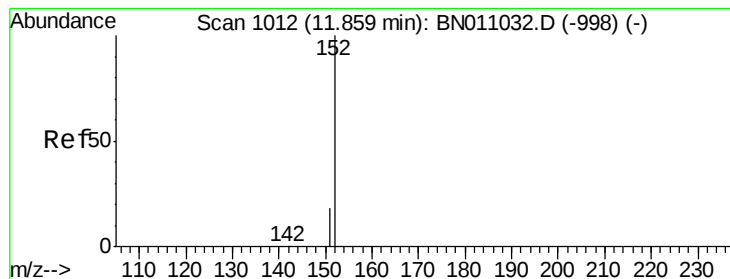


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 11.87 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

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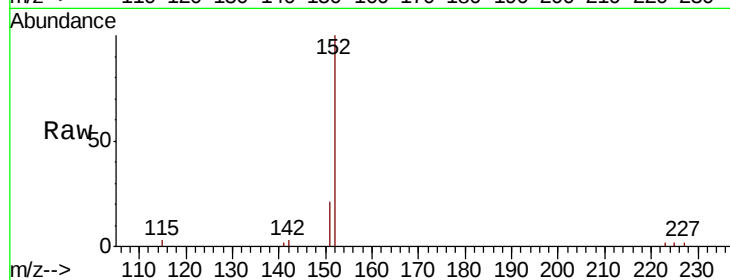
PB129663BSD

Tot Ion:152 Resp: 4665

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

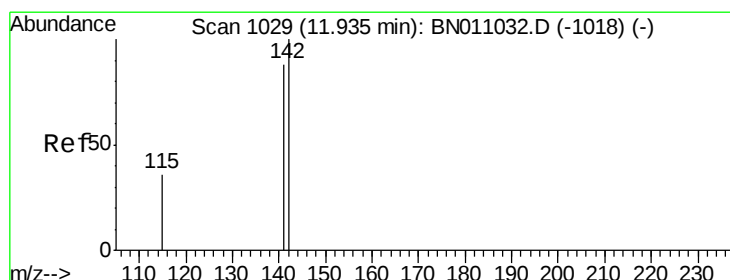
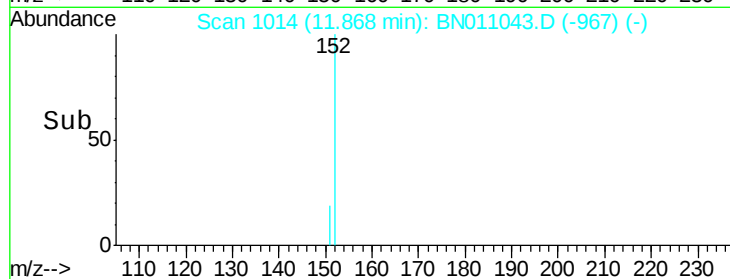
1500

1000

500

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

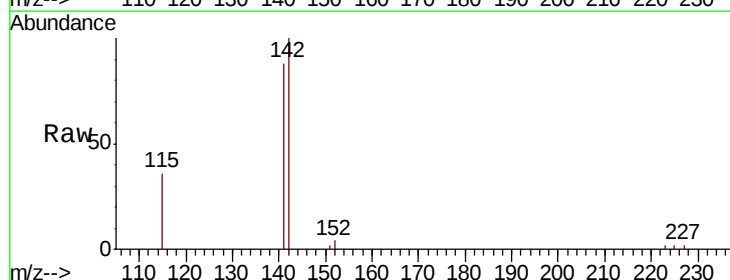
Tgt Ion:142 Resp: 5408

Ion Ratio Lower Upper

142 100

141 88.2 70.6 106.0

115 36.4 30.2 45.2



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

4000

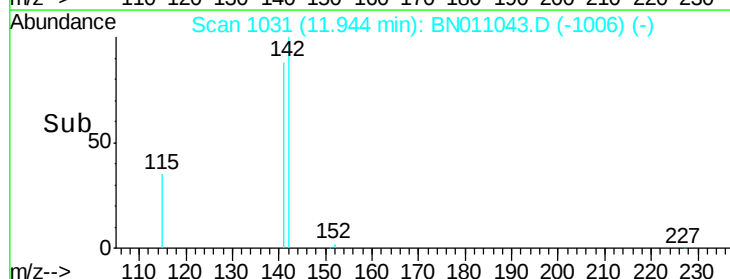
3000

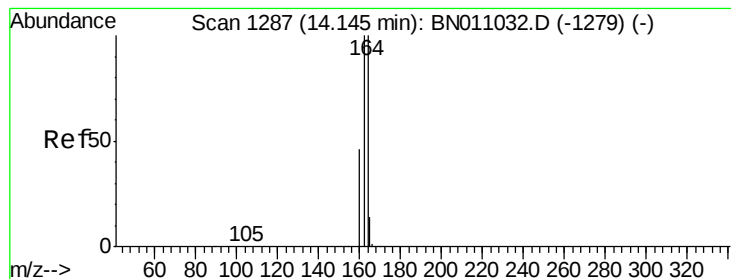
2000

1000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

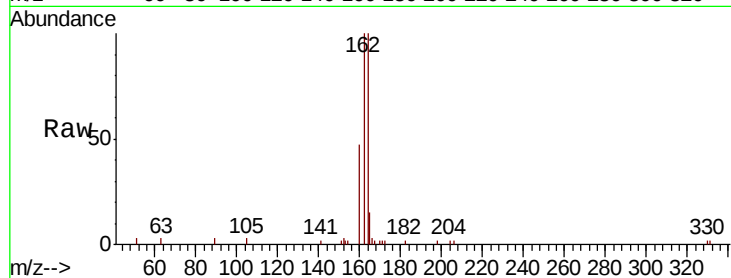
Tot Ion:164 Resp: 3587

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.4

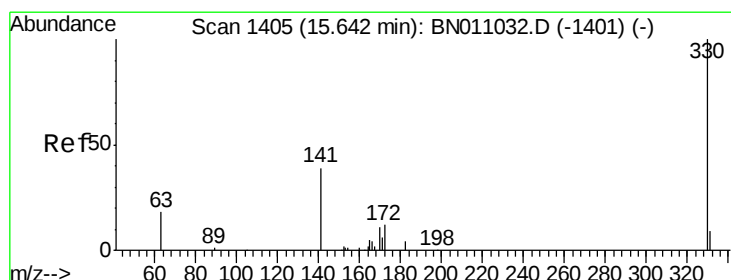
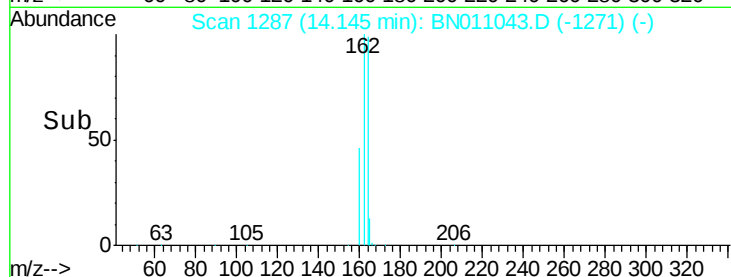
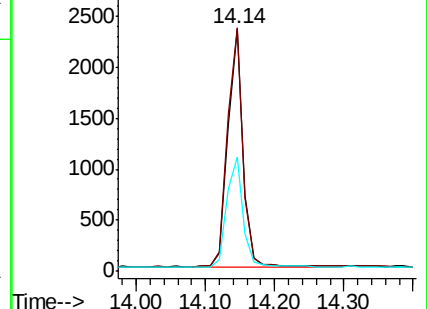
160 47.4 37.7 56.5



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: 0.353 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

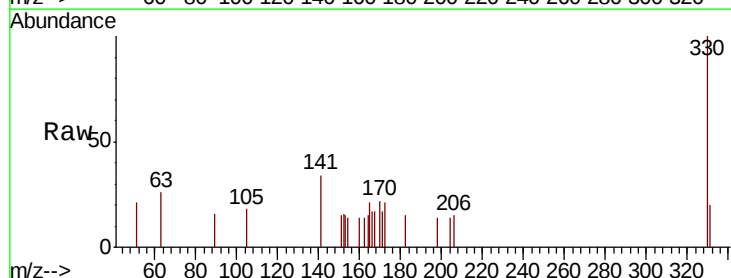
Tgt Ion:330 Resp: 556

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

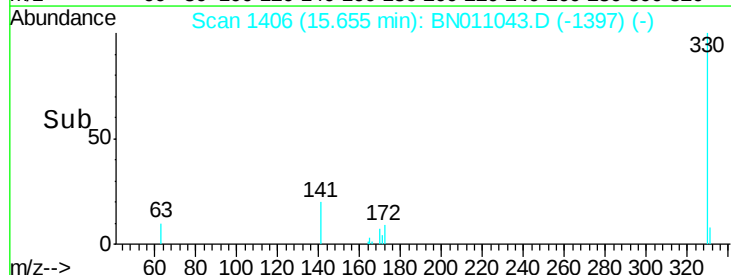
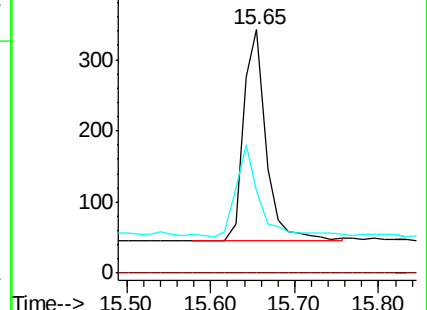
141 41.0 34.5 51.7

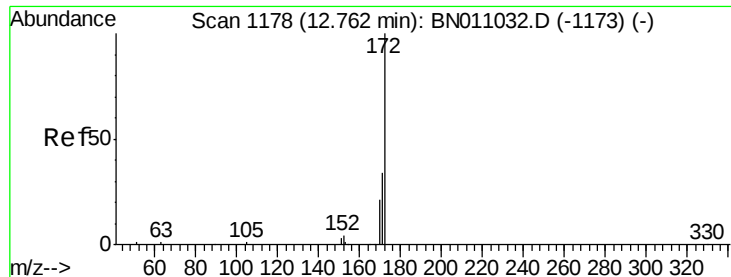


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

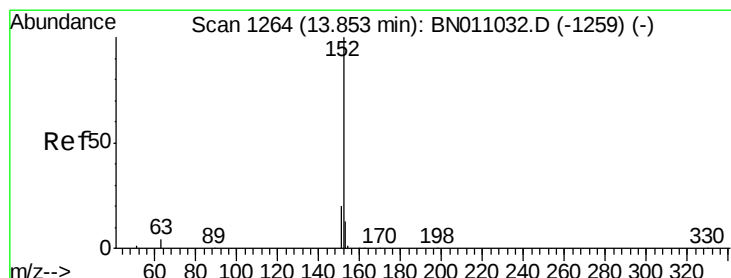
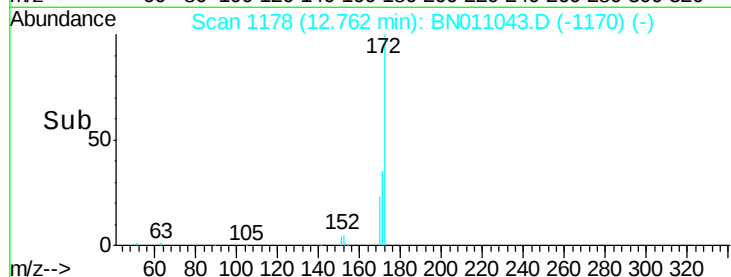
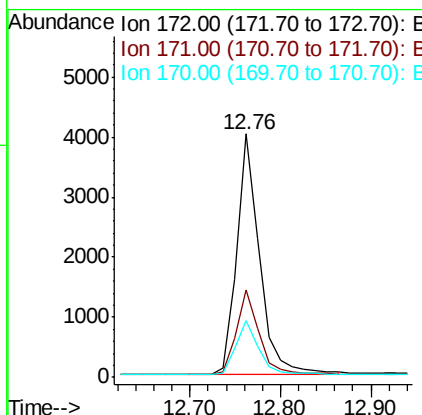
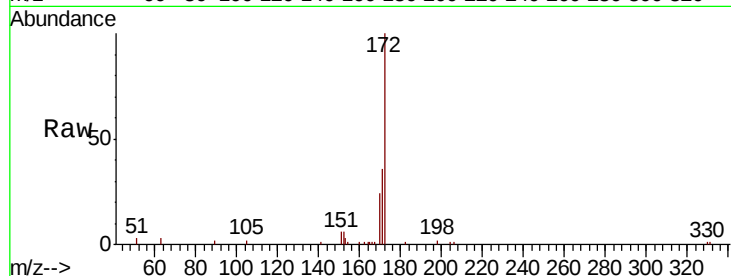




#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

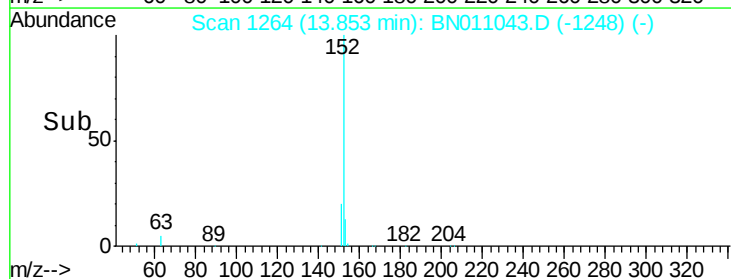
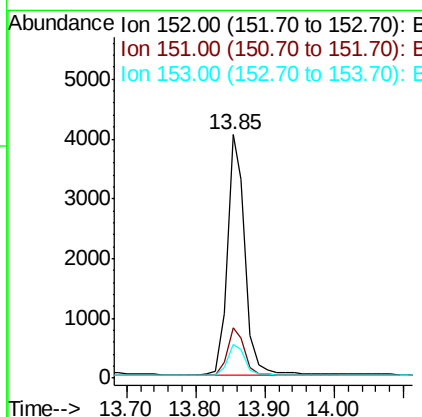
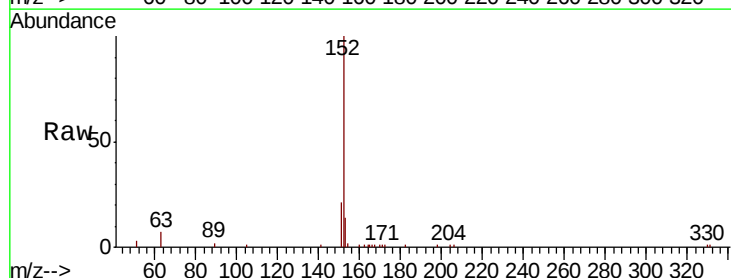
Instrument :
BNA_N
ClientSampleId :
PB129663BSD

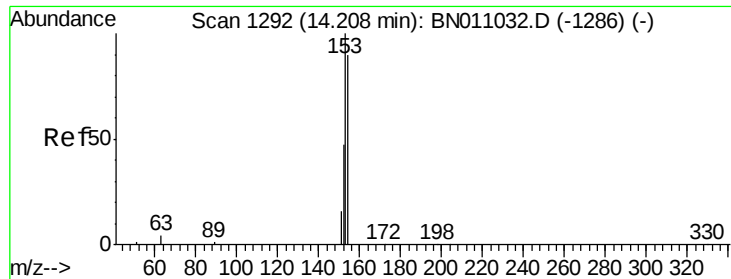
Tot Ion:172 Resp: 7002
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.2
170 23.5 17.5 26.3



#16
Acenaphthylene
Concen: 0.400 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:152 Resp: 7231
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.0 10.2 15.2





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

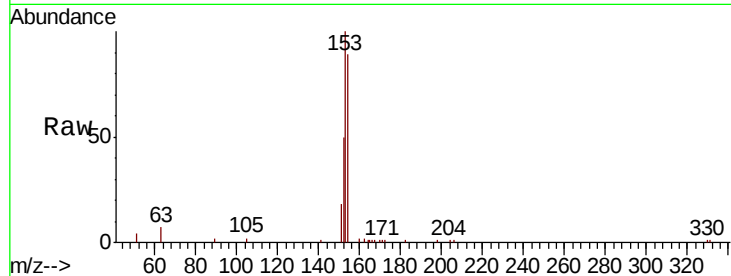
Tot Ion:154 Resp: 4960

Ion Ratio Lower Upper

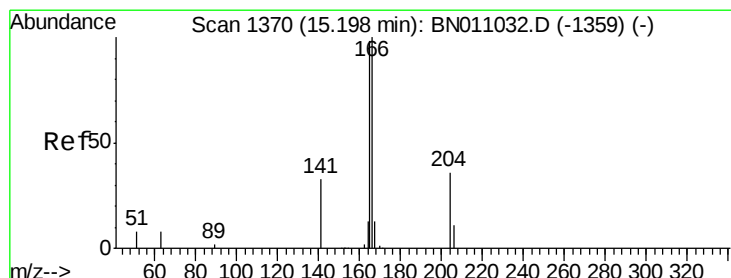
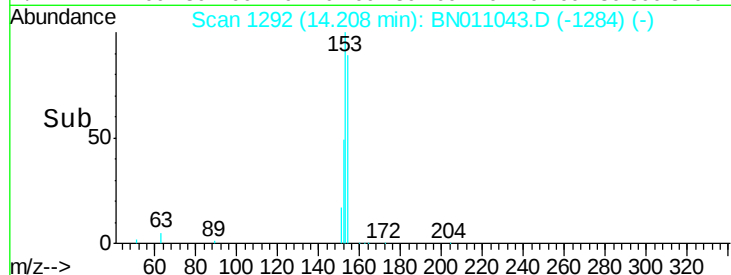
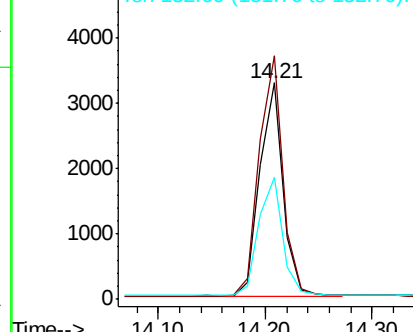
154 100

153 116.2 92.3 138.5

152 57.5 45.5 68.3



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: 0.399 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

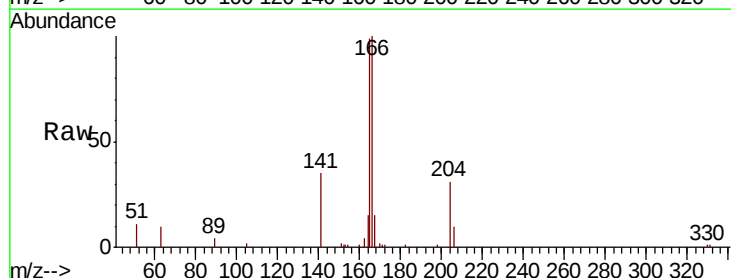
Tgt Ion:166 Resp: 6180

Ion Ratio Lower Upper

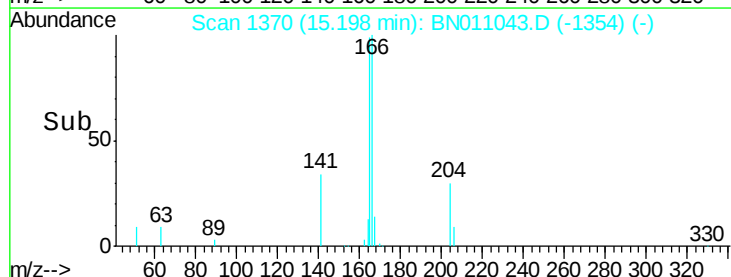
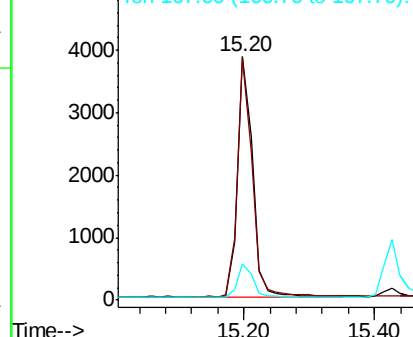
166 100

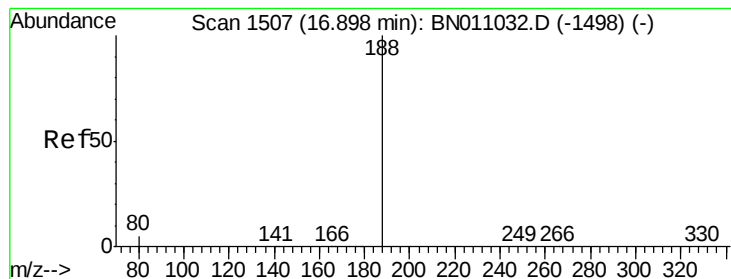
165 96.8 77.8 116.8

167 13.8 10.8 16.2



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

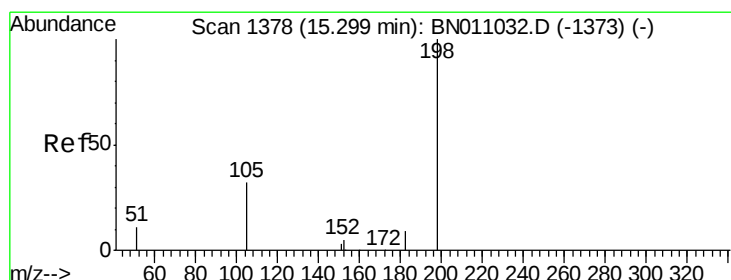
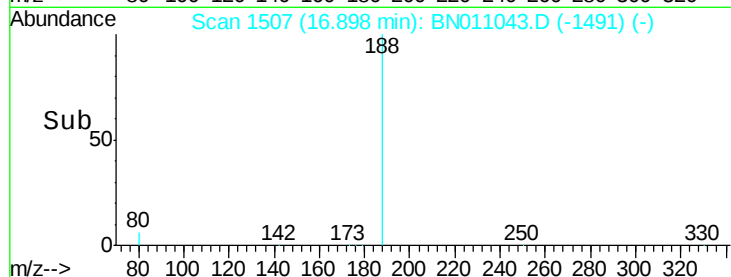
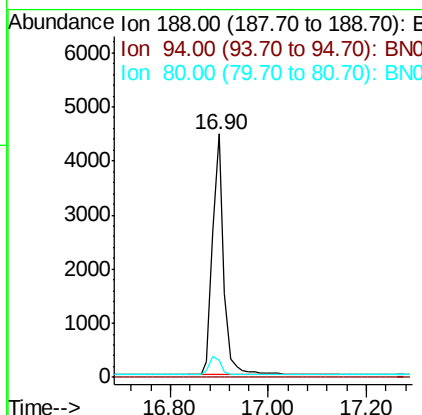
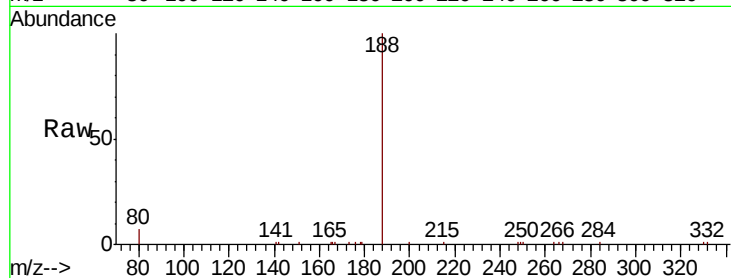




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

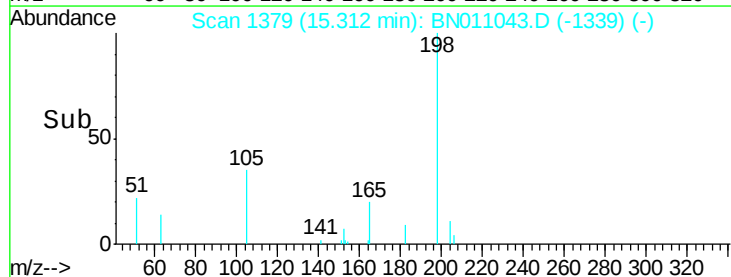
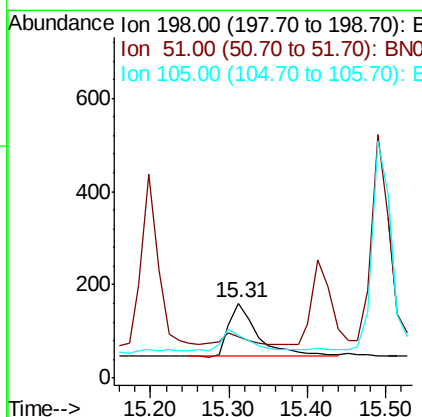
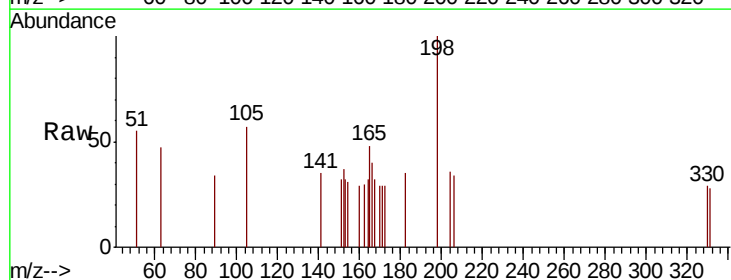
Instrument :
BNA_N
ClientSampleId :
PB129663BSD

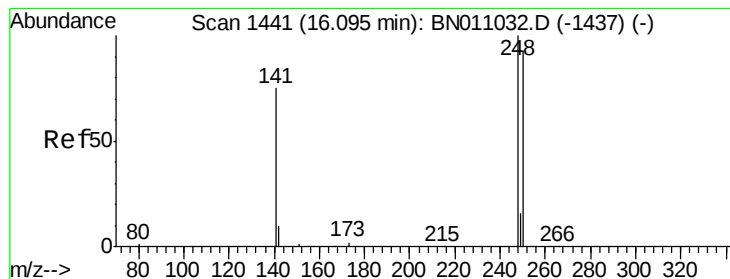
Tot Ion:188 Resp: 7110
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 4.6 7.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.254 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BN011043.D
Acq: 24 Jun 2020 12:02

Tgt Ion:198 Resp: 302
Ion Ratio Lower Upper
198 100
51 54.7 29.5 44.3#
105 57.1 39.2 58.8





#21

4-Bromophenyl-phenylether

Concen: 0.393 ng

RT: 16.11 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

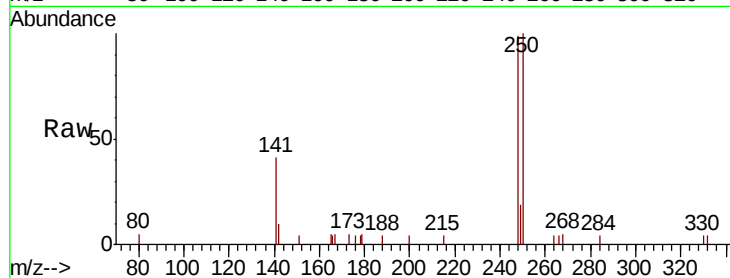
Tot Ion:248 Resp: 1932

Ion Ratio Lower Upper

248 100

250 100.5 74.6 111.8

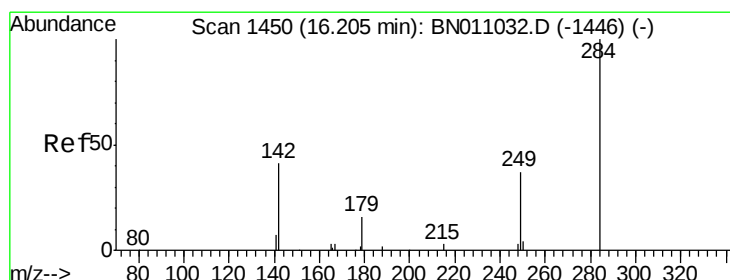
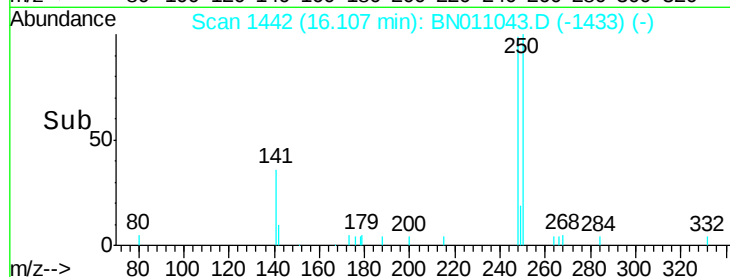
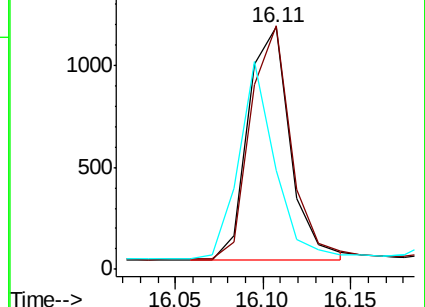
141 41.1 60.9 91.3#



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



#22

Hexachlorobenzene

Concen: 0.427 ng

RT: 16.22 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

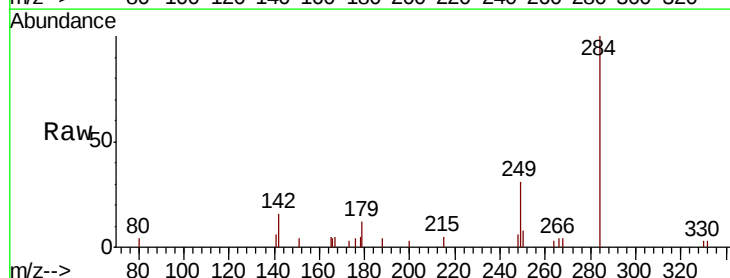
Tgt Ion:284 Resp: 2319

Ion Ratio Lower Upper

284 100

142 35.9 30.4 45.6

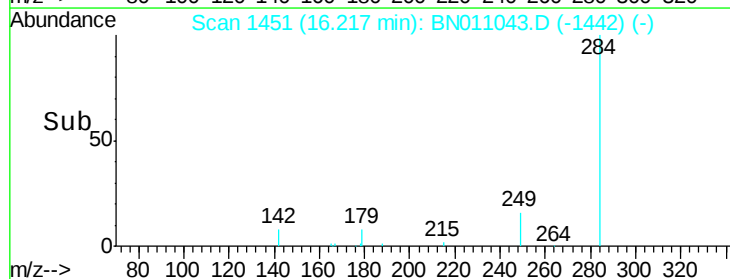
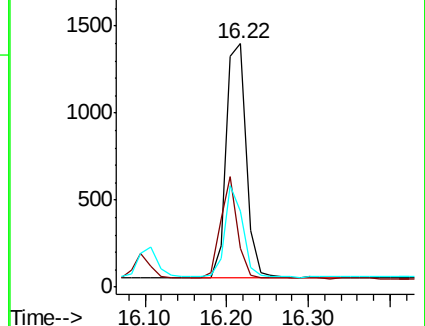
249 33.2 27.0 40.4

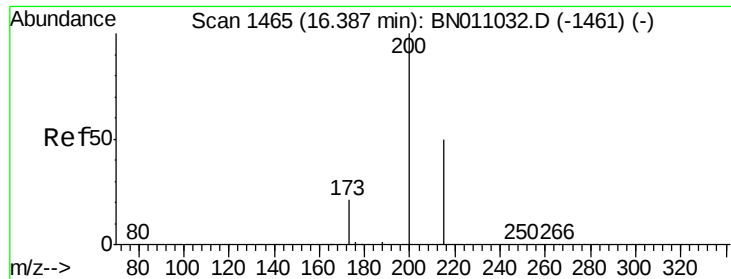


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.332 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

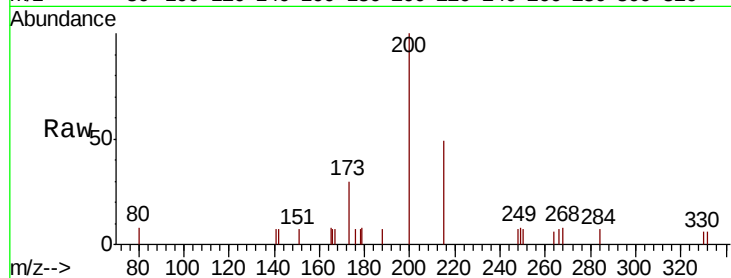
Tot Ion:200 Resp: 1206

Ion Ratio Lower Upper

200 100

173 30.1 19.4 29.2#

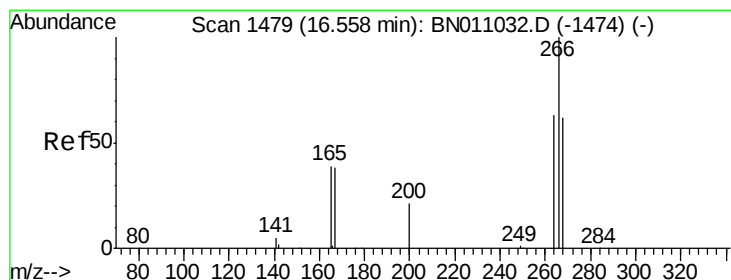
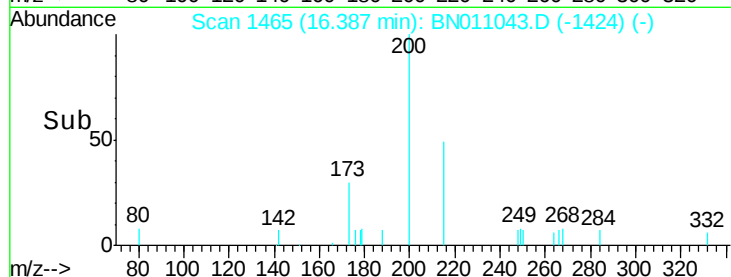
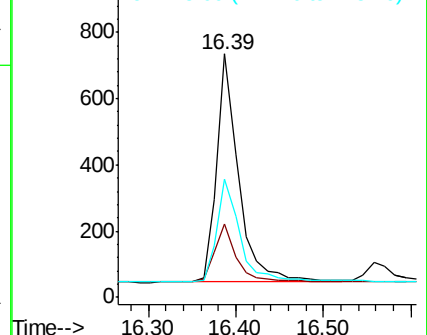
215 48.7 41.5 62.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.332 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

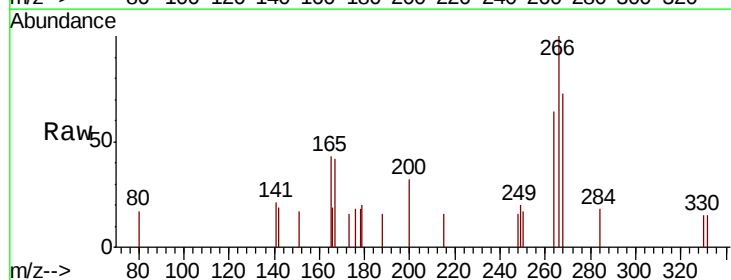
Tgt Ion:266 Resp: 570

Ion Ratio Lower Upper

266 100

264 67.7 51.4 77.0

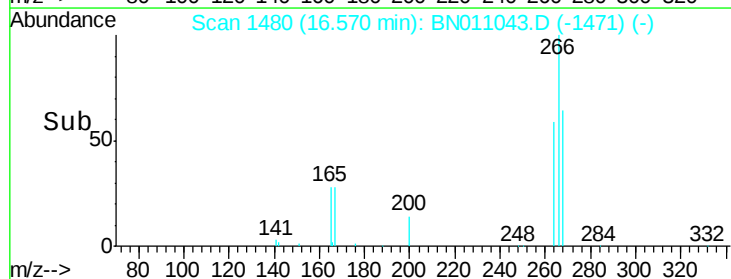
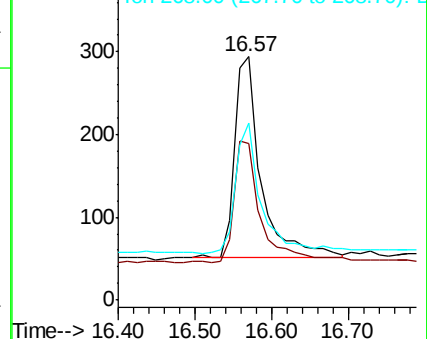
268 63.7 54.9 82.3

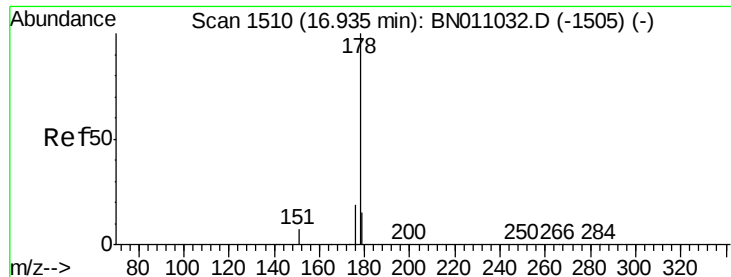


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.399 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

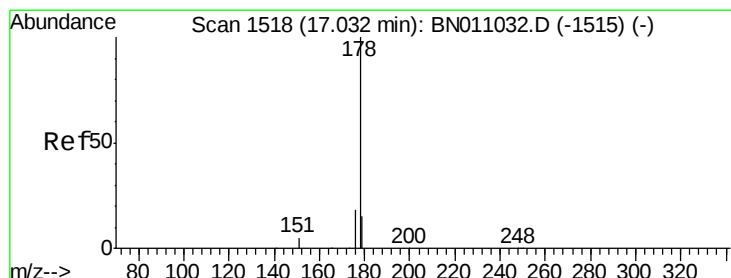
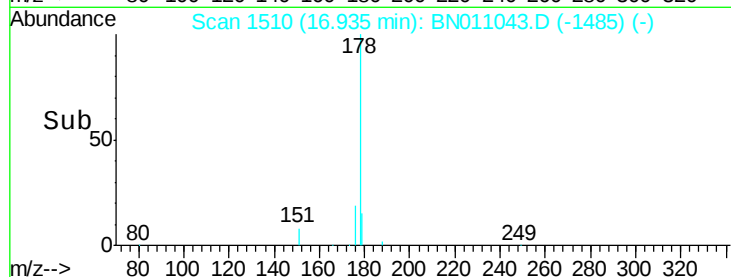
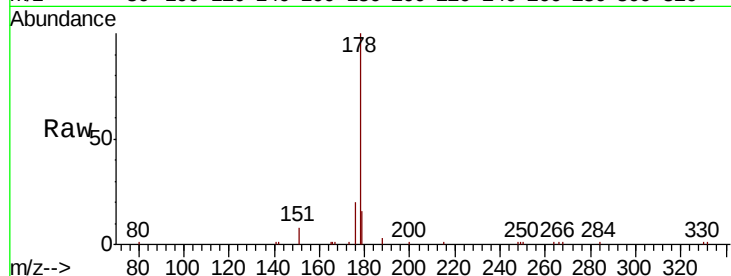
BNA_N

ClientSampleId :

PB129663BSD

Tot Ion:178 Resp: 9571

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.5	12.3	18.5



#26

Anthracene

Concen: 0.393 ng

RT: 17.03 min Scan# 1518

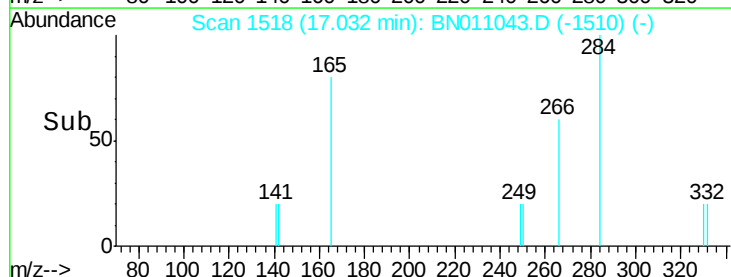
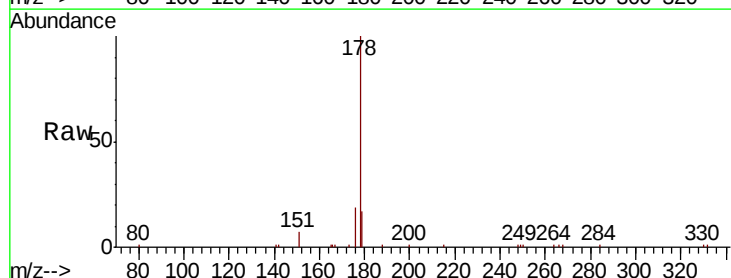
Delta R.T. 0.00 min

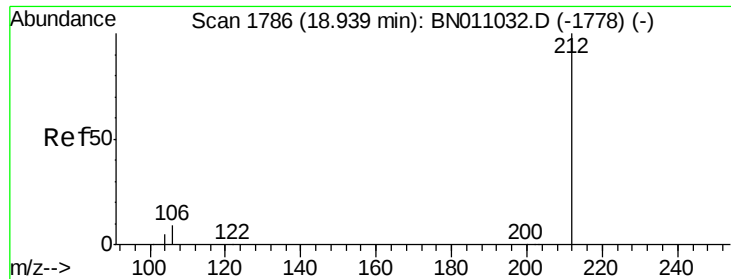
Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Tgt Ion:178 Resp: 7818

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.5	12.2	18.4

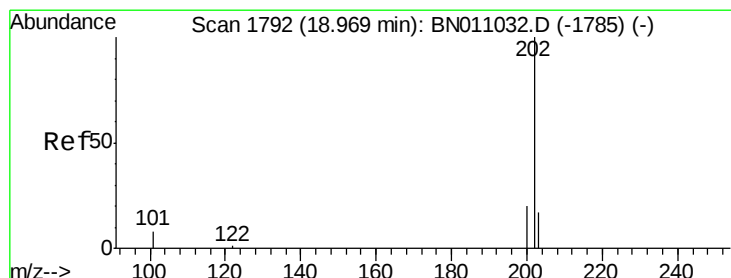
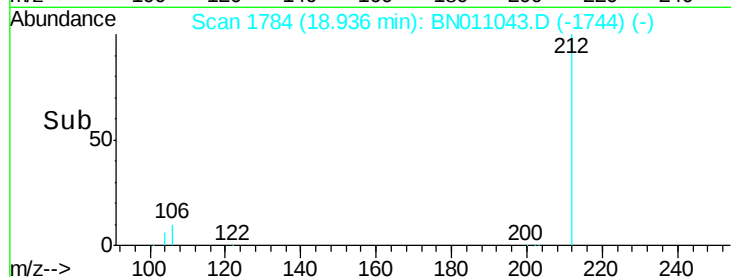
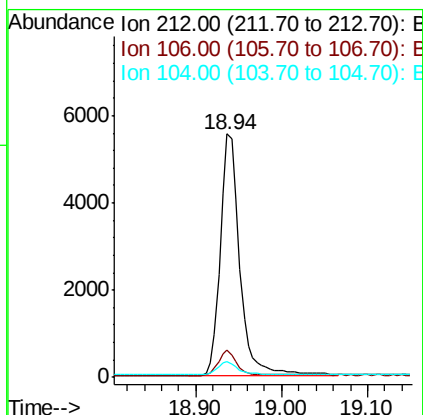
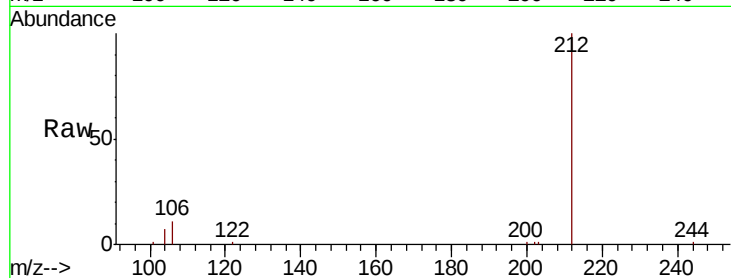




#27
 Fluoranthene-d10
 Concen: 0.389 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011043.D
 Acq: 24 Jun 2020 12:02

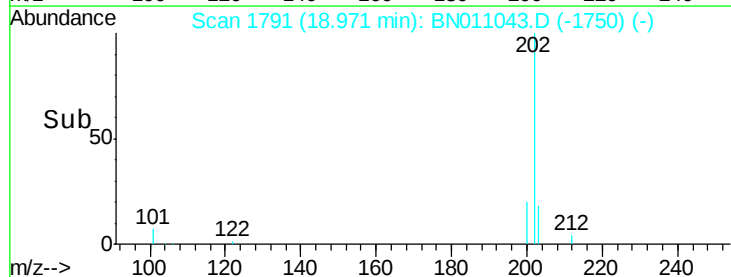
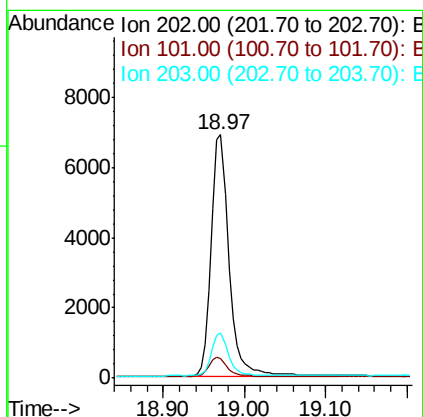
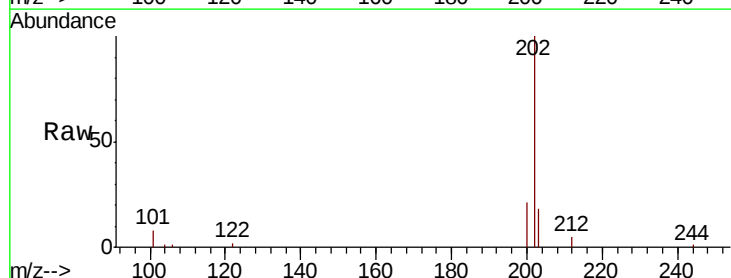
Instrument :
 BNA_N
 ClientSampleId :
 PB129663BSD

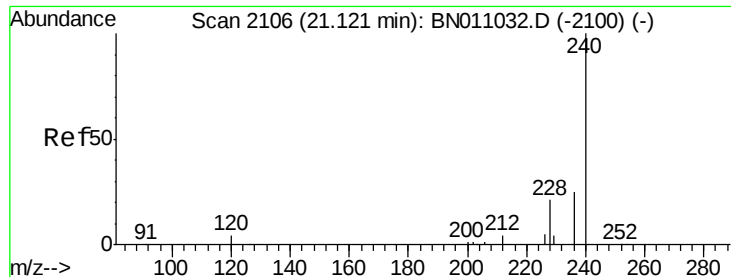
Tot Ion:212 Resp: 8744
 Ion Ratio Lower Upper
 212 100
 106 9.7 7.7 11.5
 104 5.4 4.6 6.8



#28
 Fluoranthene
 Concen: 0.383 ng
 RT: 18.97 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BN011043.D
 Acq: 24 Jun 2020 12:02

Tgt Ion:202 Resp: 10490
 Ion Ratio Lower Upper
 202 100
 101 8.1 6.6 10.0
 203 17.0 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

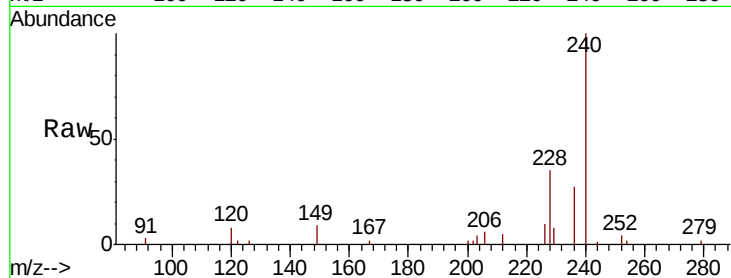
Tot Ion:240 Resp: 6692

Ion Ratio Lower Upper

240 100

120 7.6 5.4 8.0

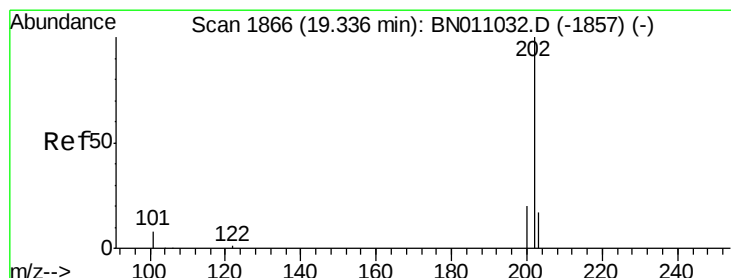
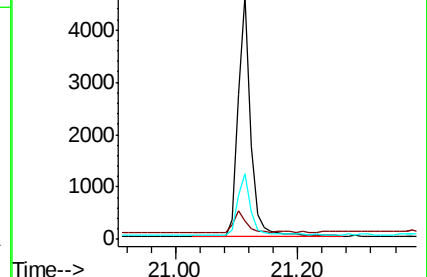
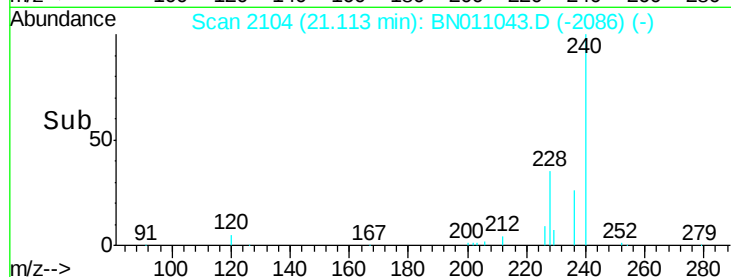
236 26.8 21.4 32.2



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



#30

Pyrene

Concen: 0.405 ng

RT: 19.33 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

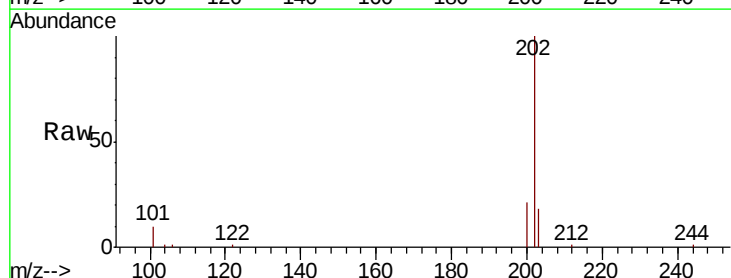
Tgt Ion:202 Resp: 10424

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

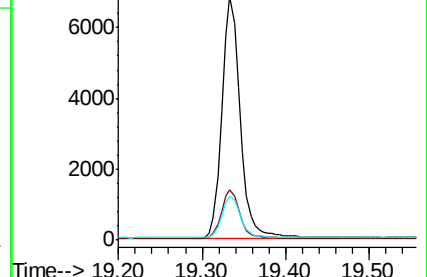
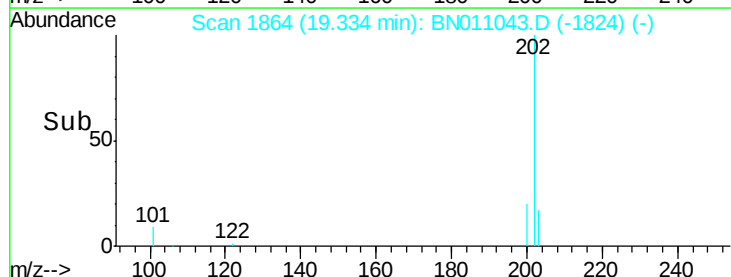
203 17.5 14.2 21.2

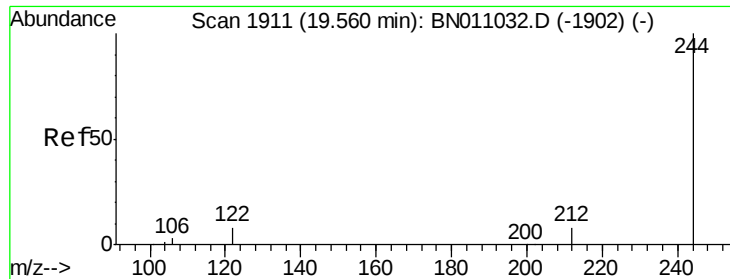


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.411 ng

RT: 19.56 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

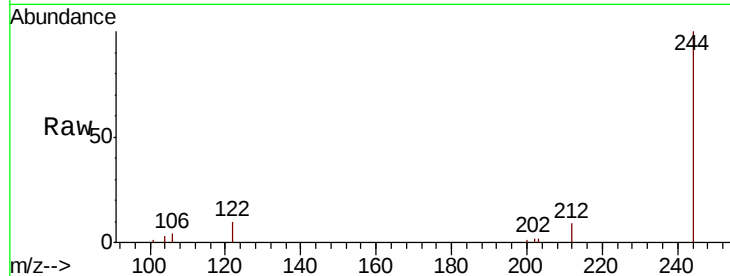
Tot Ion:244 Resp: 7394

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

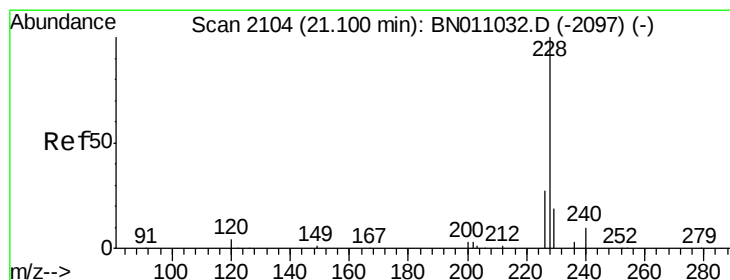
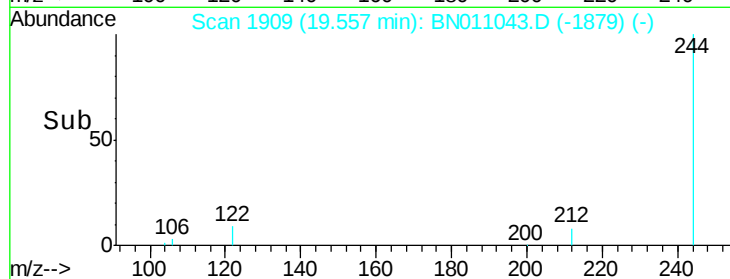
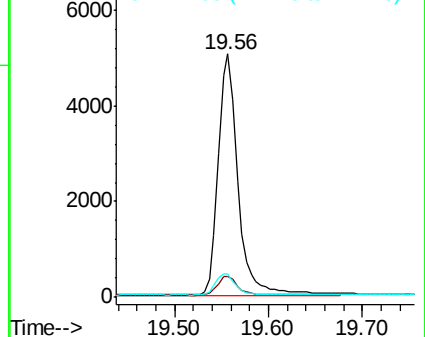
122 9.8 7.4 11.0



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



#32

Benzo(a)anthracene

Concen: 0.390 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

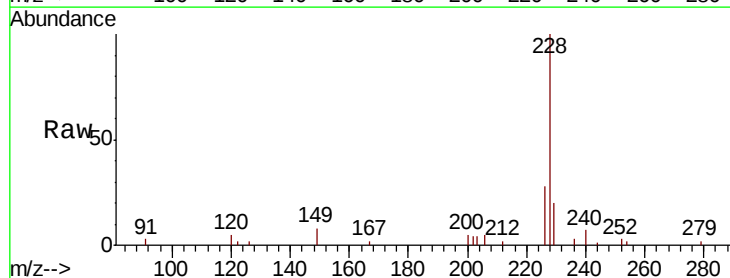
Tgt Ion:228 Resp: 9037

Ion Ratio Lower Upper

228 100

226 28.3 22.0 33.0

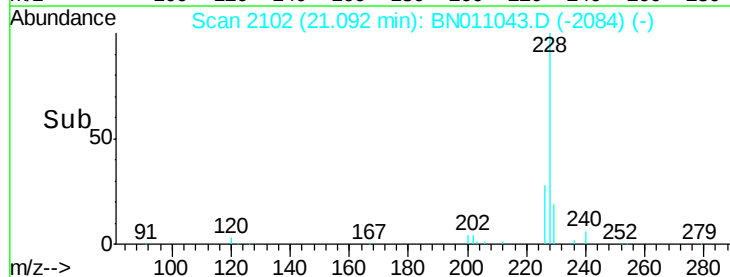
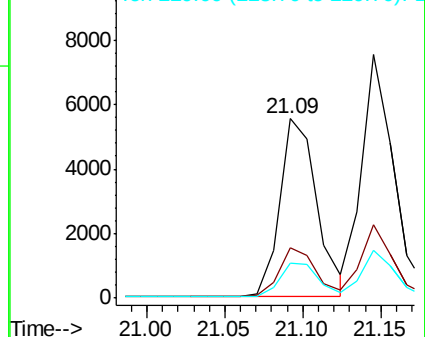
229 19.8 15.9 23.9

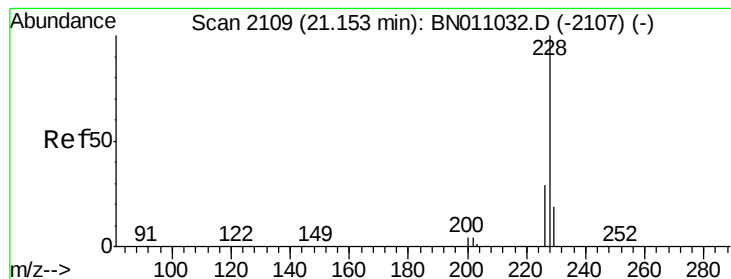


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.423 ng

RT: 21.15 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

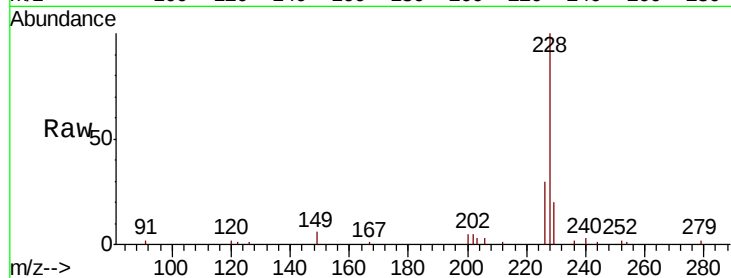
Tot Ion:228 Resp: 10692

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

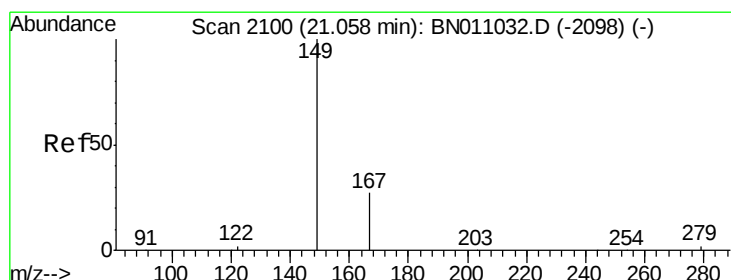
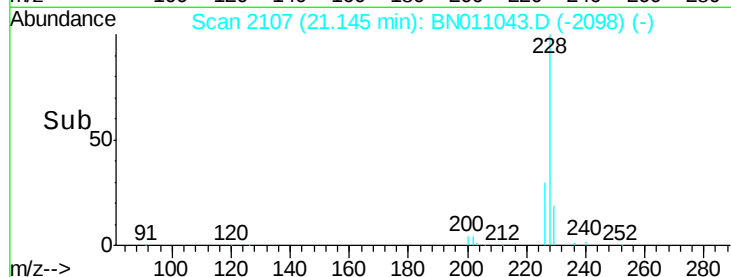
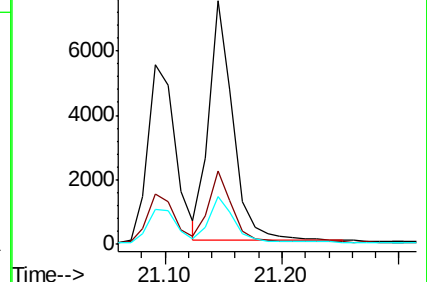
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.348 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

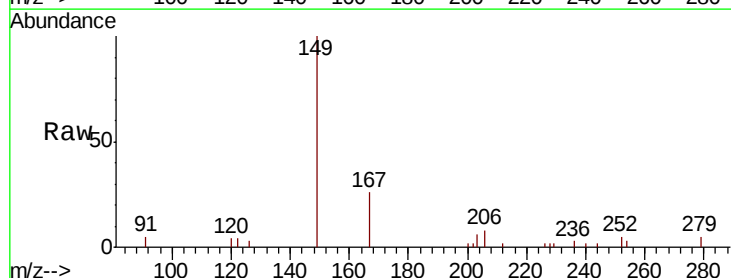
Tgt Ion:149 Resp: 3248

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

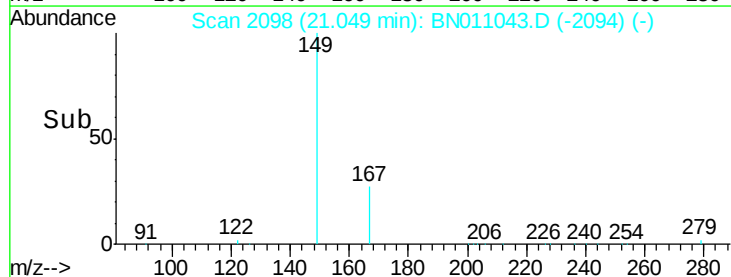
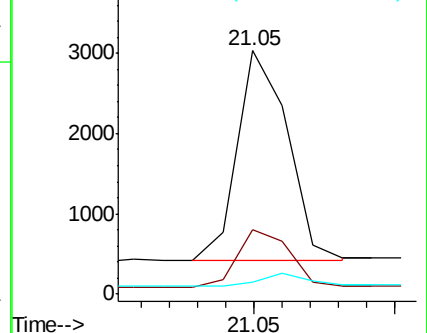
279 5.3 3.9 5.9

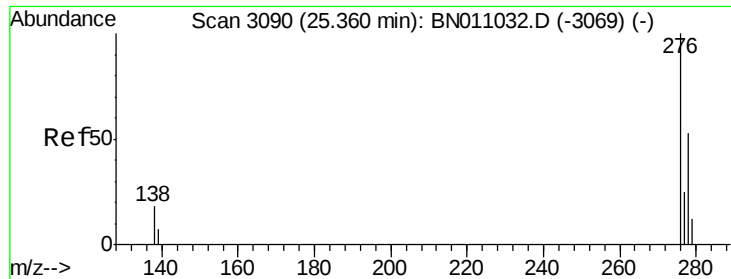


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

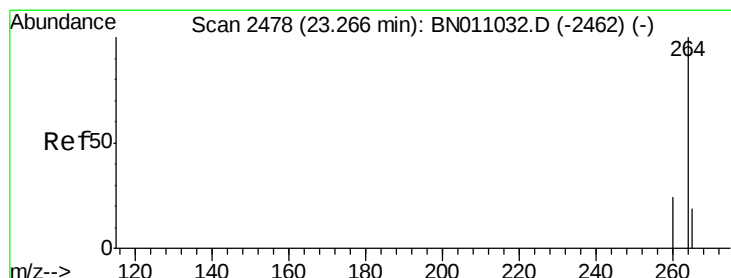
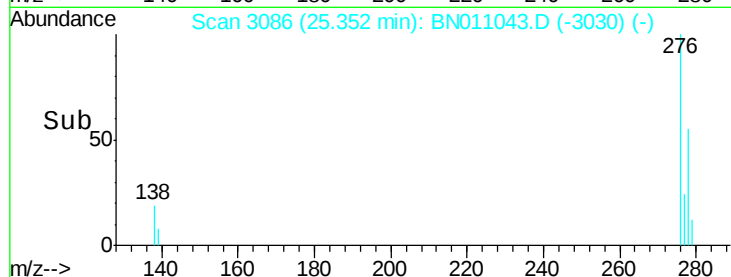
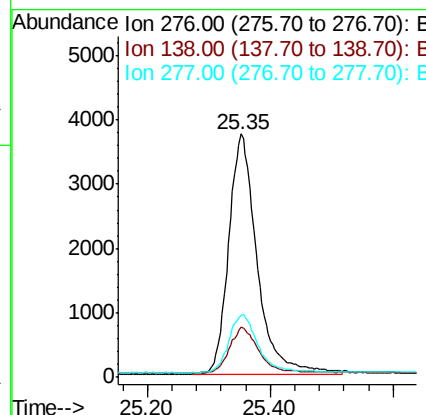
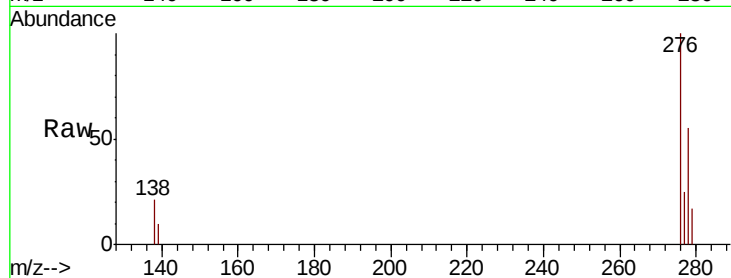




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.425 ng
 RT: 25.35 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BN011043.D
 Acq: 24 Jun 2020 12:02

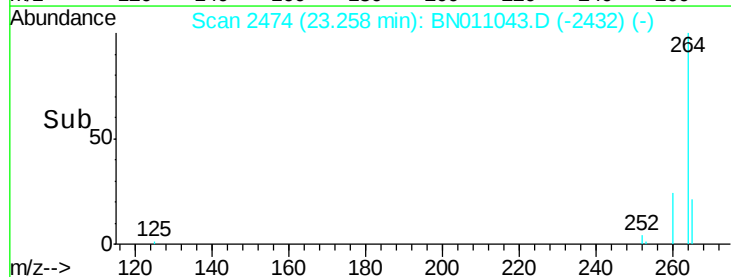
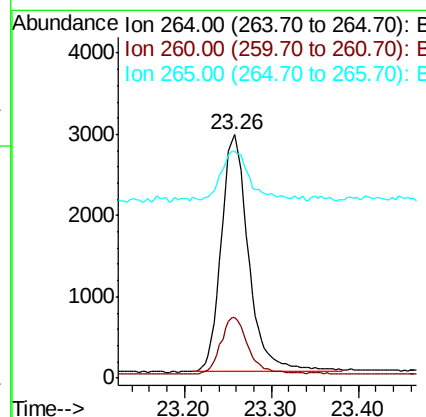
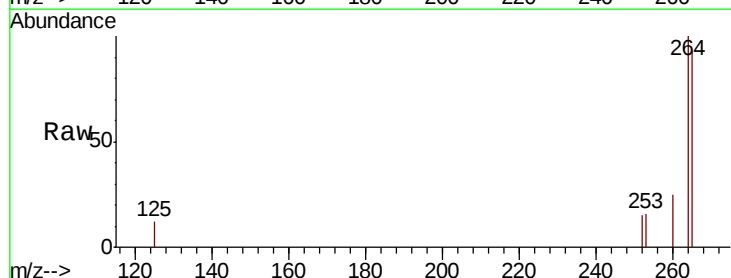
Instrument :
 BNA_N
 ClientSampleId :
 PB129663BSD

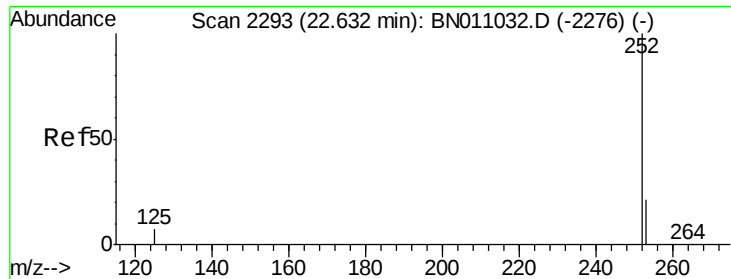
Tot Ion:276 Resp: 11947
 Ion Ratio Lower Upper
 276 100
 138 19.2 16.2 24.2
 277 24.9 19.9 29.9



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.26 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BN011043.D
 Acq: 24 Jun 2020 12:02

Tgt Ion:264 Resp: 6418
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 93.4 64.9 97.3





#37

Benzo(b)fluoranthene

Concen: 0.406 ng

RT: 22.62 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

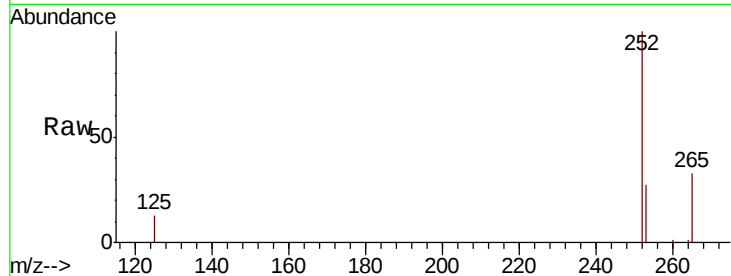
Tot Ion:252 Resp: 10305

Ion Ratio Lower Upper

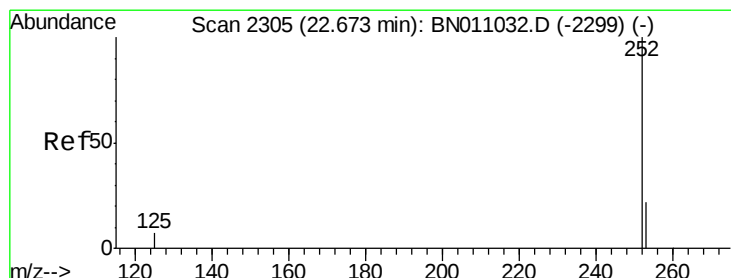
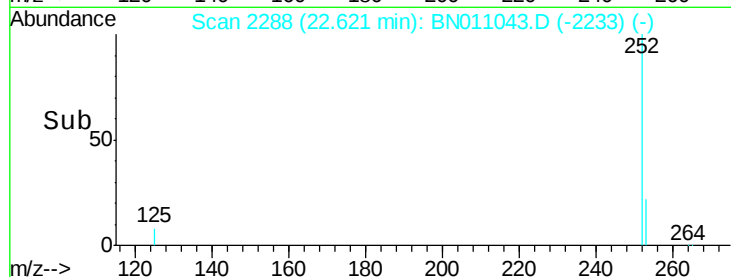
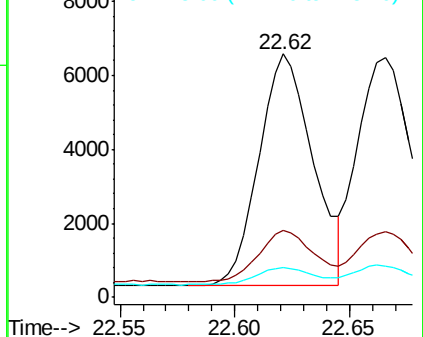
252 100

253 27.3 21.4 32.0

125 12.5 9.3 13.9



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

Benzo(k)fluoranthene

Concen: 0.410 ng

RT: 22.67 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

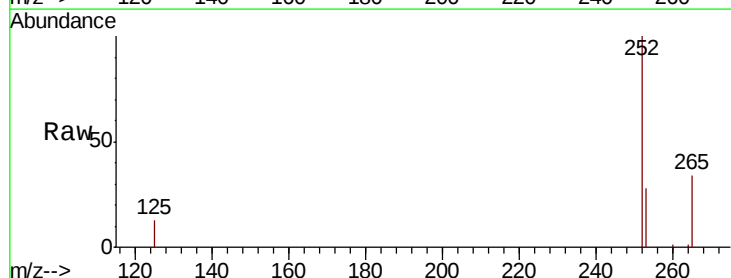
Tgt Ion:252 Resp: 10821

Ion Ratio Lower Upper

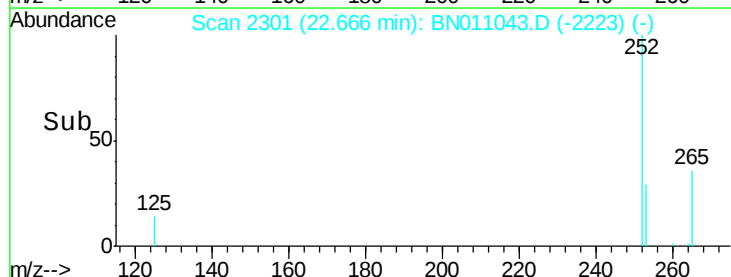
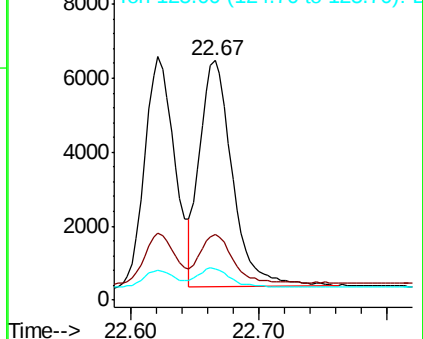
252 100

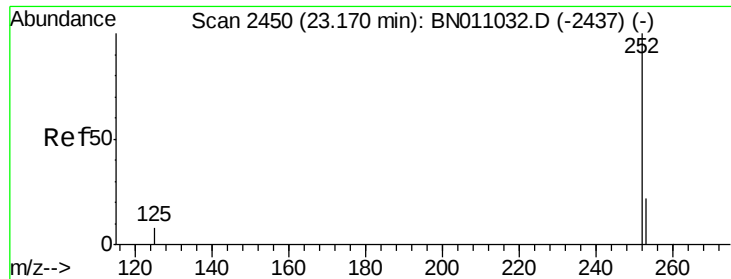
253 27.5 21.8 32.6

125 13.2 9.8 14.6



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





#39

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.16 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD

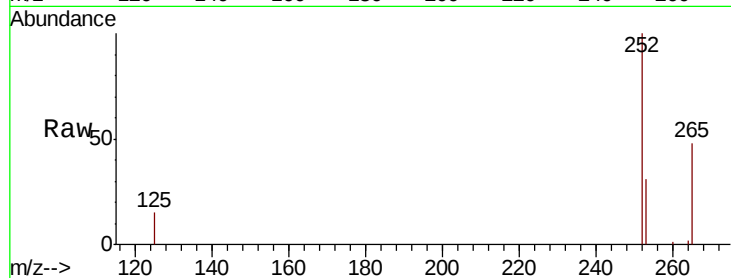
Tot Ion:252 Resp: 9066

Ion Ratio Lower Upper

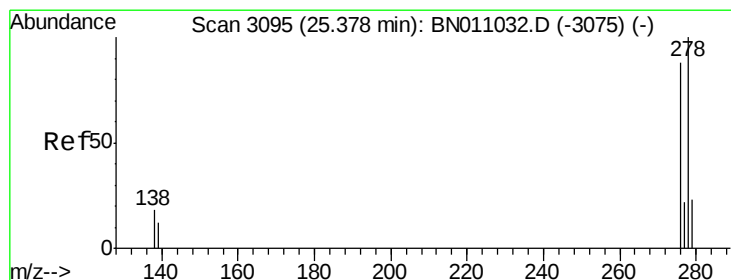
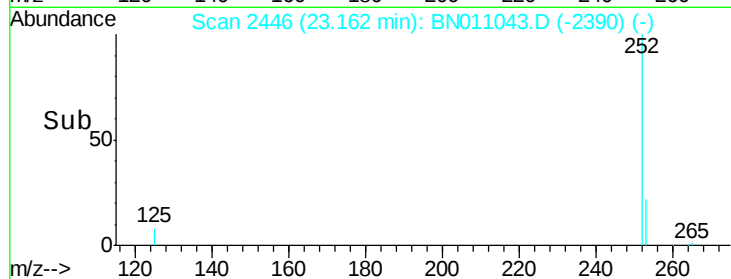
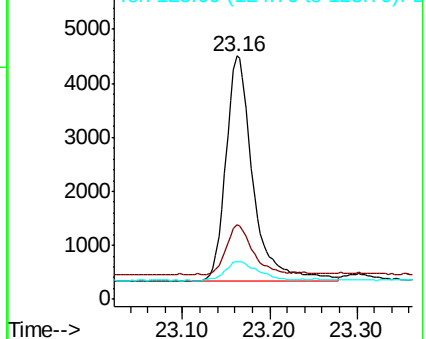
252 100

253 30.5 23.1 34.7

125 15.5 11.2 16.8



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



#40

Dibenzo(a,h)anthracene

Concen: 0.401 ng

RT: 25.37 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BN011043.D

Acq: 24 Jun 2020 12:02

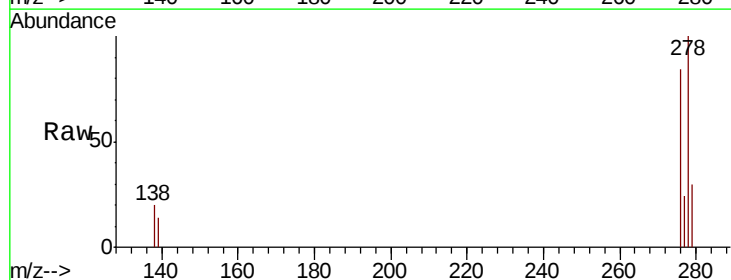
Tgt Ion:278 Resp: 9745

Ion Ratio Lower Upper

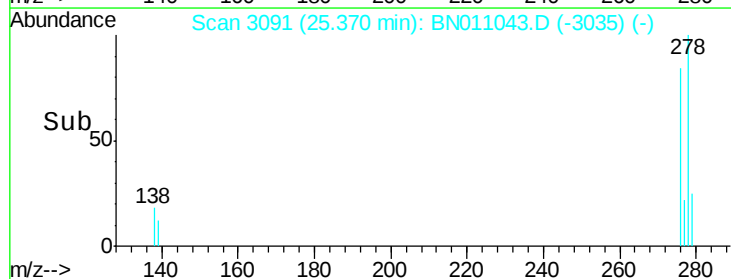
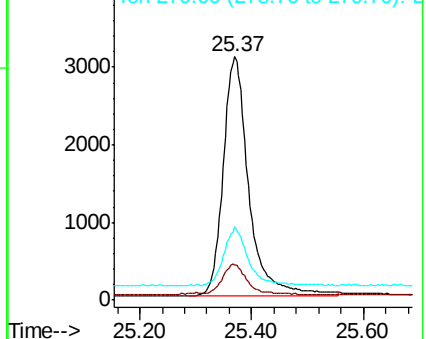
278 100

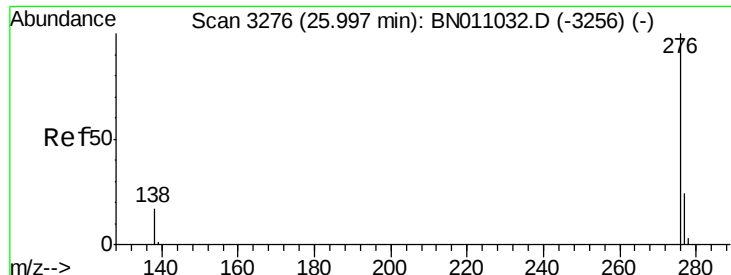
139 14.3 11.2 16.8

279 30.0 22.6 34.0



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





#41

Benzo(a,h,i)perylene

Concen: 0.405 ng

RT: 25.99 min Scan# 3271

Delta R.T. -0.01 min

Lab File: BN011043.D

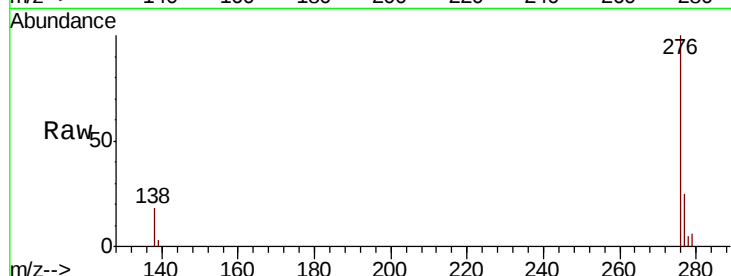
Acq: 24 Jun 2020 12:02

Instrument :

BNA_N

ClientSampleId :

PB129663BSD



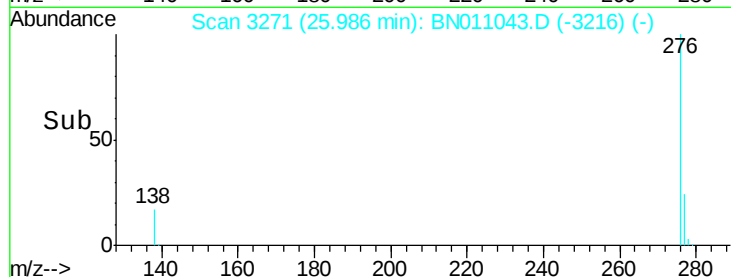
Tot Ion: 276 Resp: 10201

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 18.4 15.1 22.7



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

