

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062920\
 Data File : BN011069.D
 Acq On : 29 Jun 2020 16:20
 Operator : CG/JU
 Sample : PB129845BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129845BL

Quant Time: Jun 29 16:55:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 11:59:47 2020
 Response via : Initial Calibration

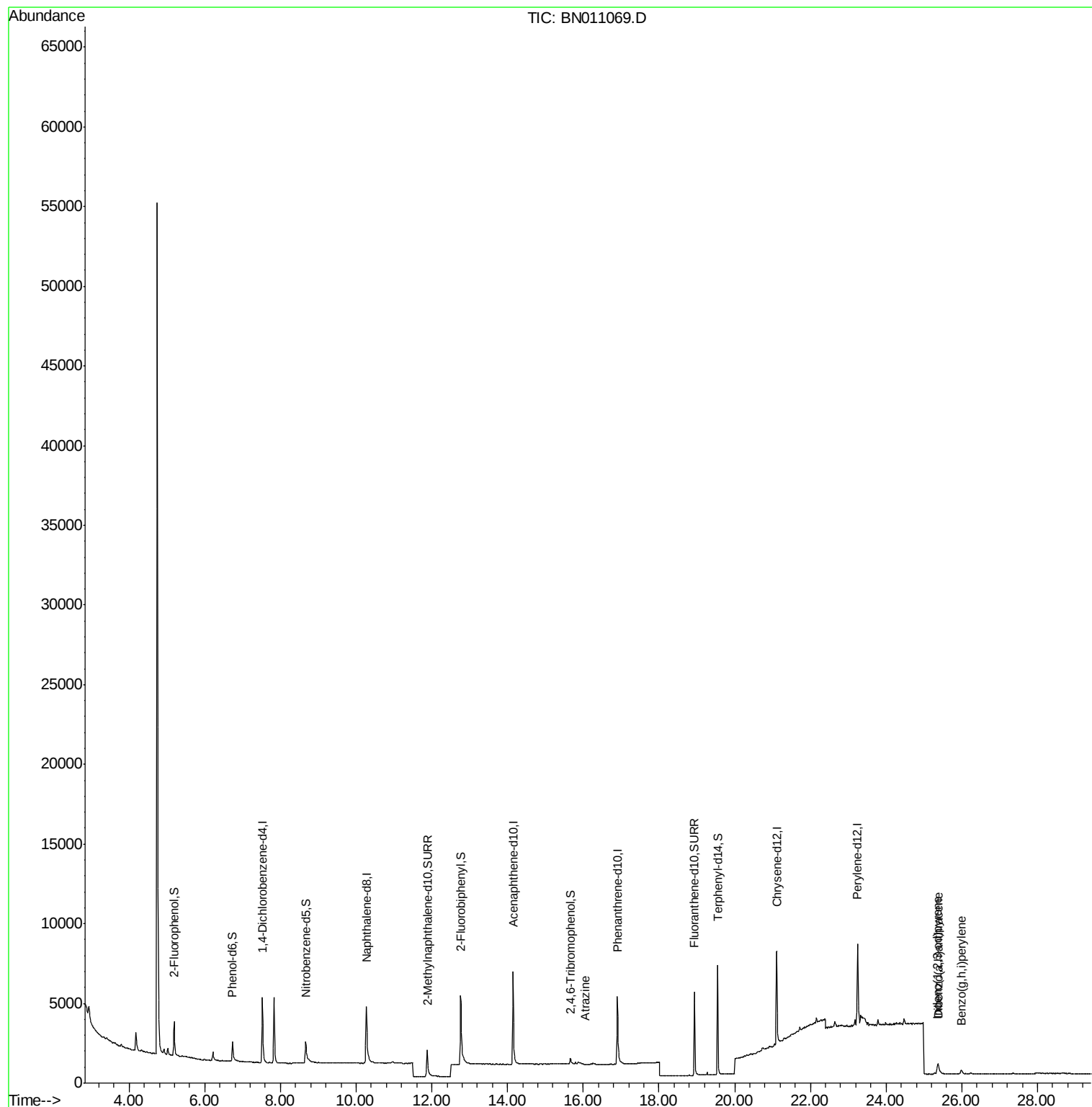
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2443	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7921	0.40	ng	0.01
13) Acenaphthene-d10	14.14	164	4339	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8708	0.40	ng	0.00
29) Chrysene-d12	21.11	240	7646	0.40	ng	0.00
36) Perylene-d12	23.25	264	7292	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2227	0.32	ng	0.00
5) Phenol-d6	6.73	99	2036	0.25	ng	0.00
8) Nitrobenzene-d5	8.67	82	2266	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	11.88	152	3891	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.65	330	483	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	6450	0.32	ng	0.00
27) Fluoranthene-d10	18.94	212	7219	0.26	ng	0.00
31) Terphenyl-d14	19.55	244	8229	0.40	ng	0.00
Target Compounds						
23) Atrazine	16.05	200	240	0.054	ng	# 7
35) Indeno(1,2,3-cd)pyrene	25.36	276	960	0.030	ng	# 74
40) Dibenzo(a,h)anthracene	25.38	278	994	0.036	ng	# 16
41) Benzo(g,h,i)perylene	25.99	276	612	0.021	ng	# 43

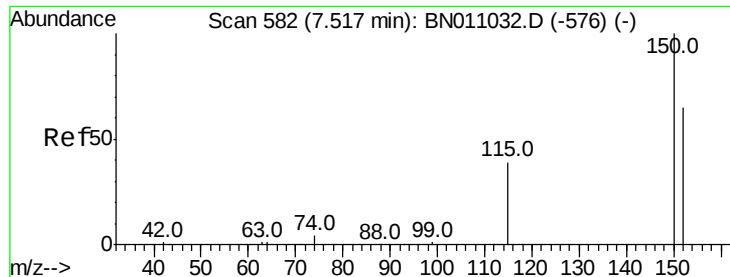
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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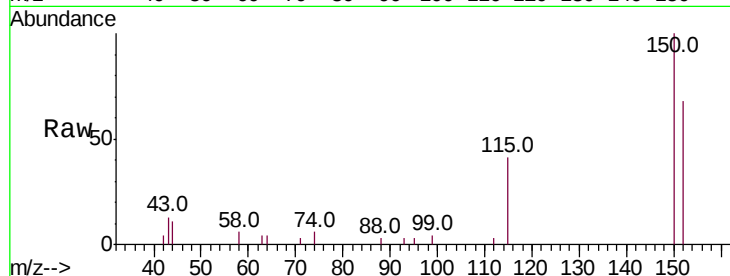


#1

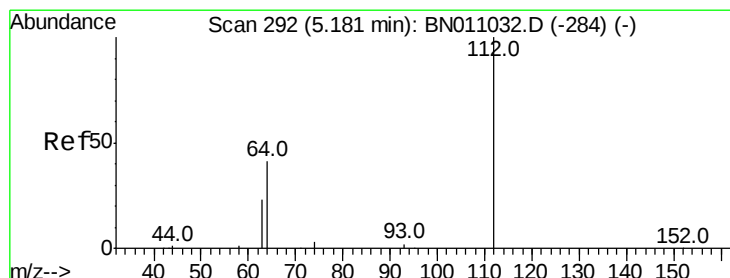
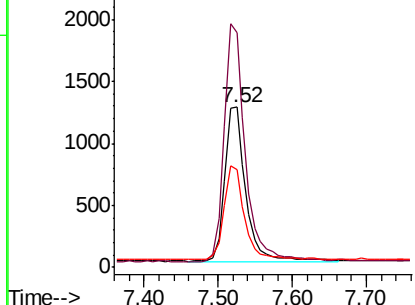
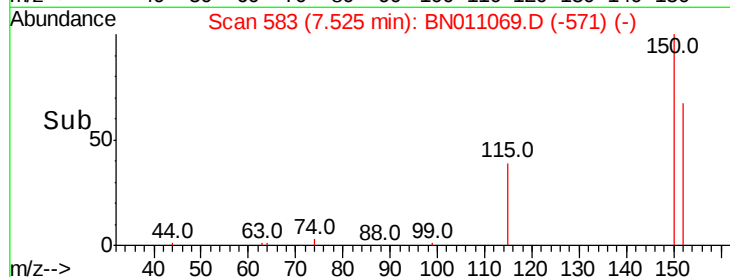
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BN011069.D
Acq: 29 Jun 2020 16:20

Instrument :
BNA_N
ClientSampleId :
PB129845BL

Tot Ion:152 Resp: 2443
Ion Ratio Lower Upper
152 100
150 146.8 121.8 182.8
115 60.6 50.2 75.2



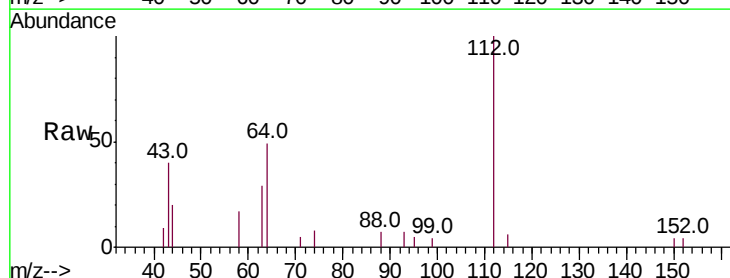
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



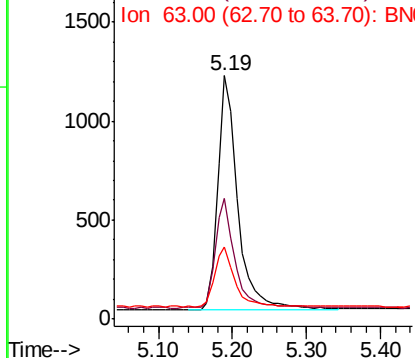
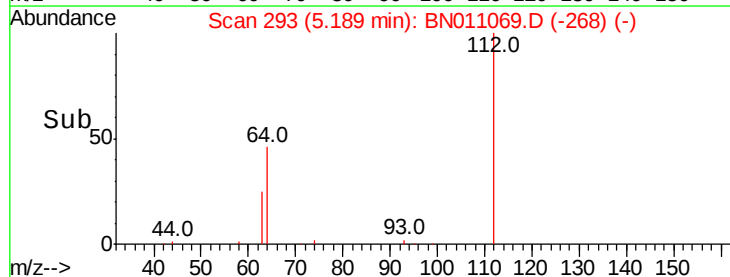
#4

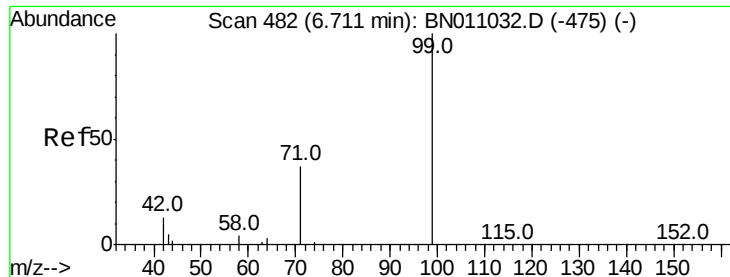
2-Fluorophenol
Concen: 0.323 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.00 min
Lab File: BN011069.D
Acq: 29 Jun 2020 16:20

Tgt Ion:112 Resp: 2227
Ion Ratio Lower Upper
112 100
64 46.4 37.3 55.9
63 25.1 20.4 30.6



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





#5

Phenol-d6

Concen: 0.250 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

Instrument :

BNA_N

ClientSampleId :

PB129845BL

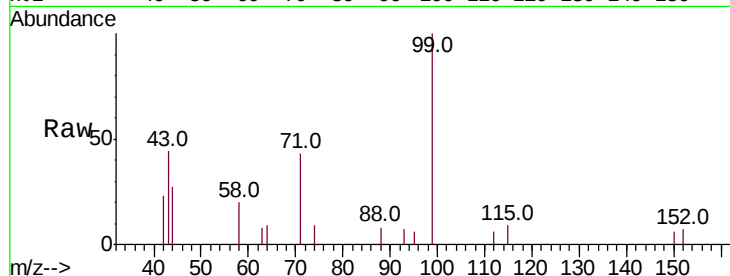
Tot Ion: 99 Resp: 2036

Ion Ratio Lower Upper

99 100

42 13.8 10.6 16.0

71 36.4 28.7 43.1

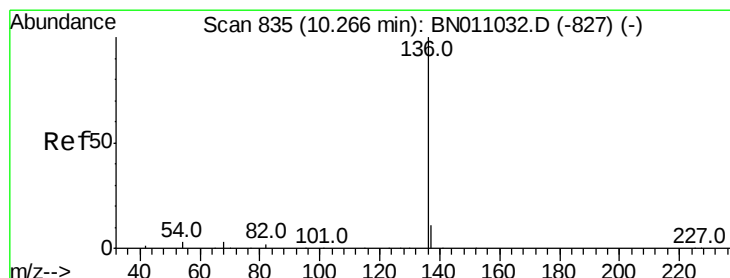
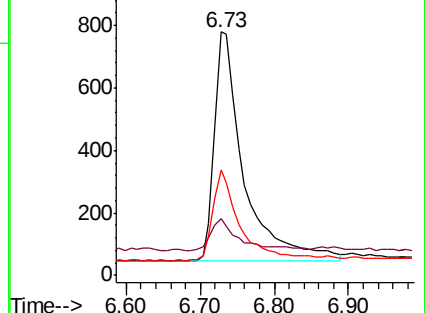
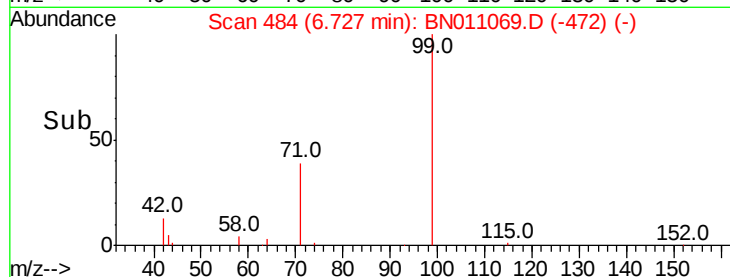


Abundance Ion 99.00 (98.70 to 99.70): BN011032.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011032.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011032.D (-475) (-)

6.73



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.01 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

Tgt Ion: 136 Resp: 7921

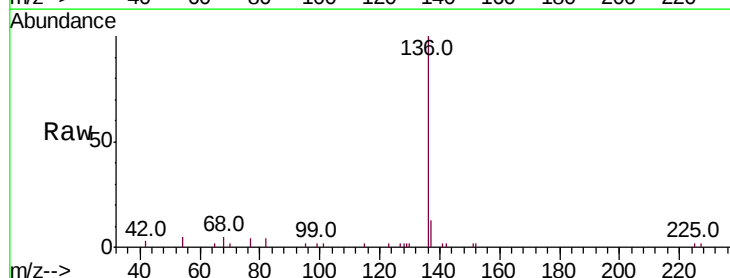
Ion Ratio Lower Upper

136 100

137 12.5 9.6 14.4

54 4.8 3.0 4.4#

68 5.1 3.4 5.2



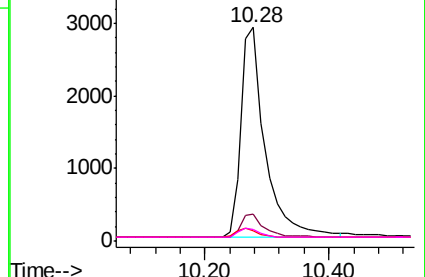
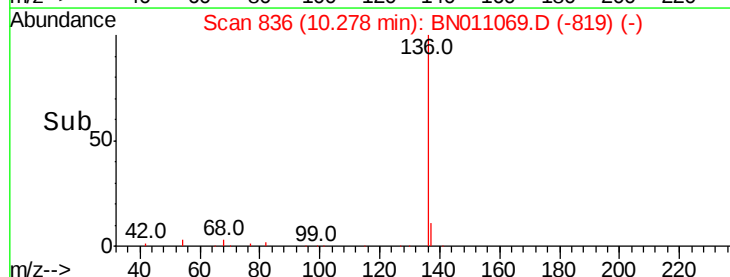
Abundance Ion 136.00 (135.70 to 136.70): BN011032.D (-827) (-)

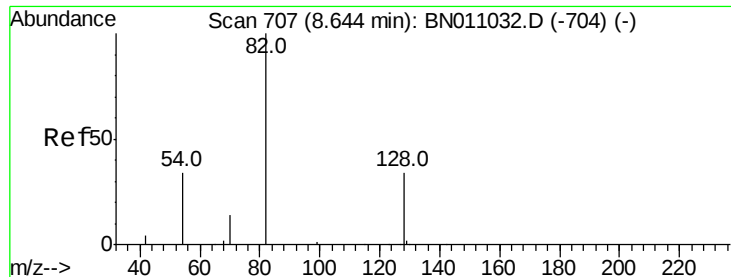
Ion 137.00 (136.70 to 137.70): BN011032.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN011032.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN011032.D (-827) (-)

10.28





#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

Instrument :

BNA_N

ClientSampleId :

PB129845BL

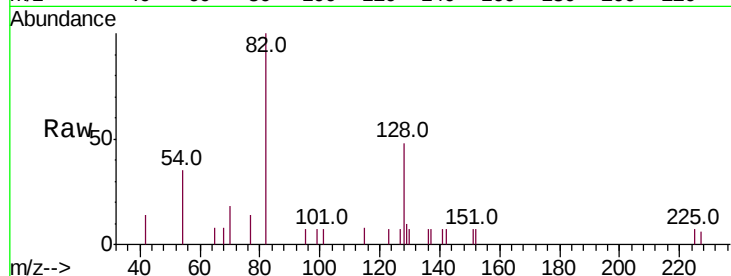
Tot Ion: 82 Resp: 2266

Ion Ratio Lower Upper

82 100

128 47.9 29.4 44.2#

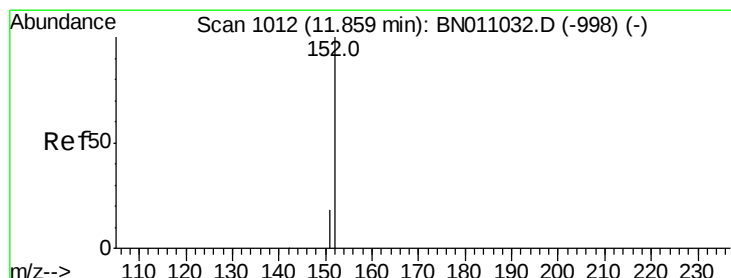
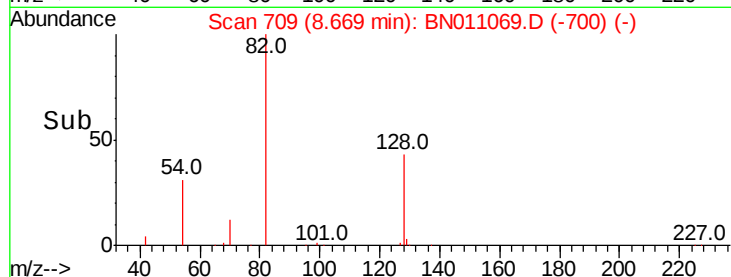
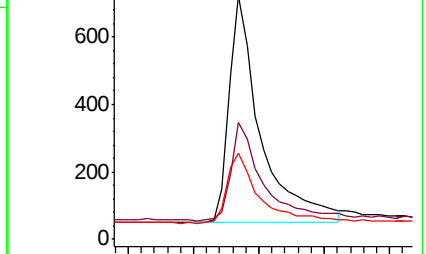
54 35.1 28.8 43.2



Abundance Ion 82.00 (81.70 to 82.70): BN011069.D (-700) (-)

Ion 128.00 (127.70 to 128.70): BN011069.D (-700) (-)

Ion 54.00 (53.70 to 54.70): BN011069.D (-700) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 11.88 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BN011069.D

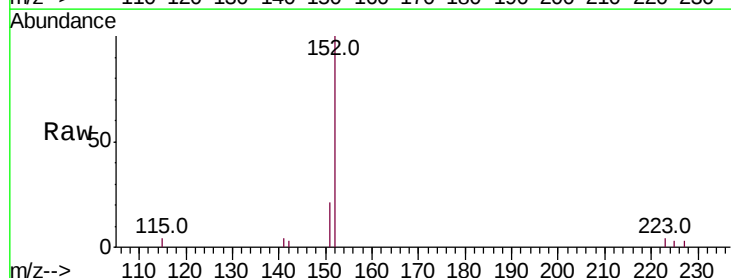
Acq: 29 Jun 2020 16:20

Tgt Ion: 152 Resp: 3891

Ion Ratio Lower Upper

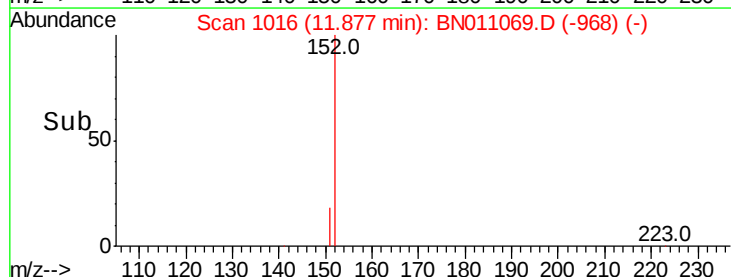
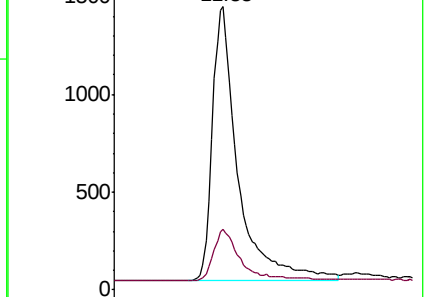
152 100

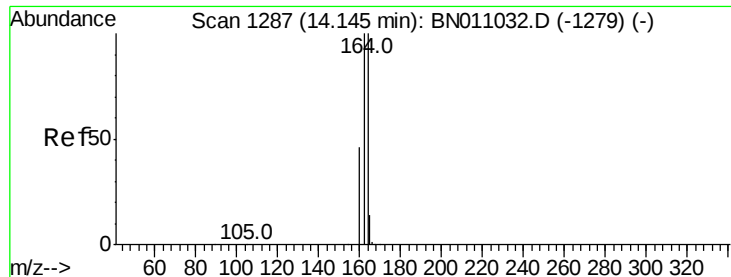
151 19.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BN011069.D (-968) (-)

Ion 151.00 (150.70 to 151.70): BN011069.D (-968) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

Instrument :

BNA_N

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PB129845BL

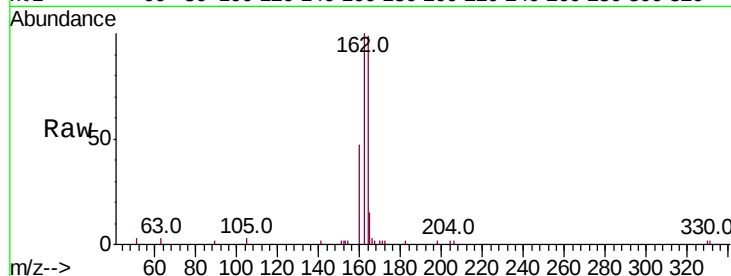
Tot Ion:164 Resp: 4339

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.4

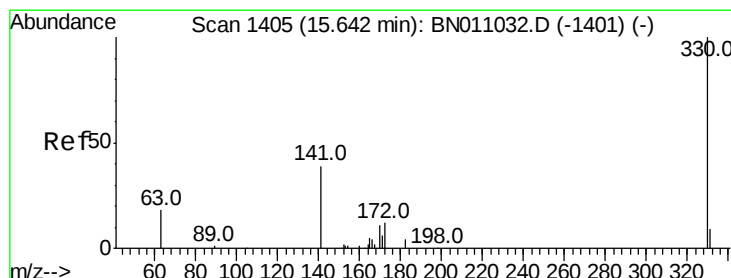
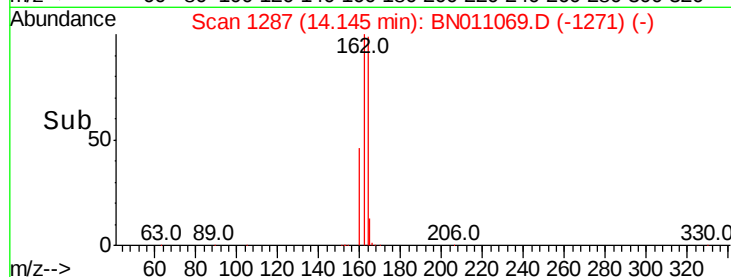
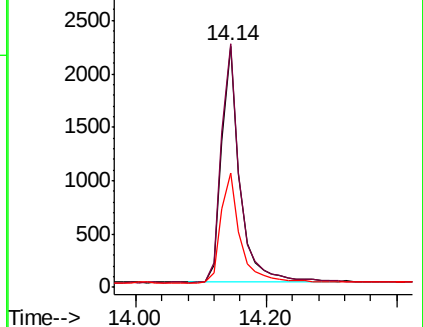
160 47.5 37.7 56.5



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: 0.253 ng

RT: 15.65 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

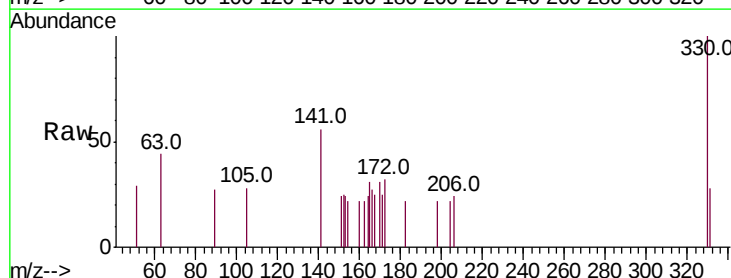
Tgt Ion:330 Resp: 483

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

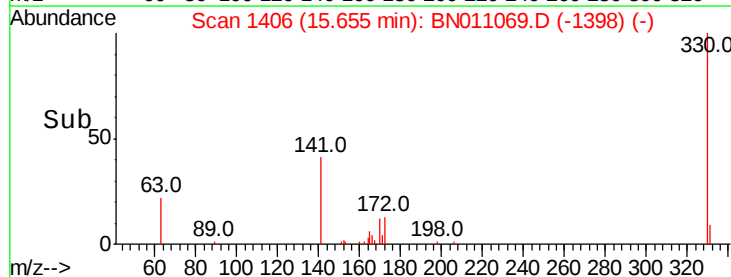
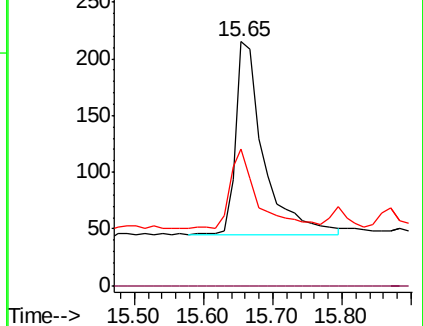
141 39.8 34.5 51.7

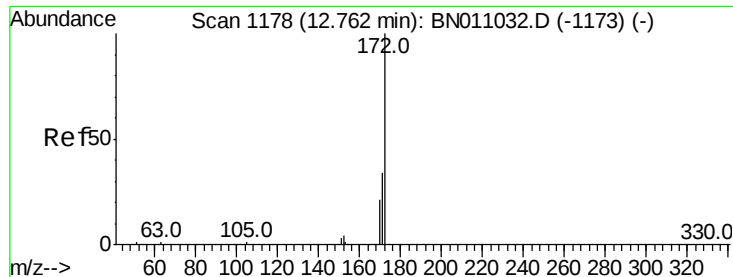


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

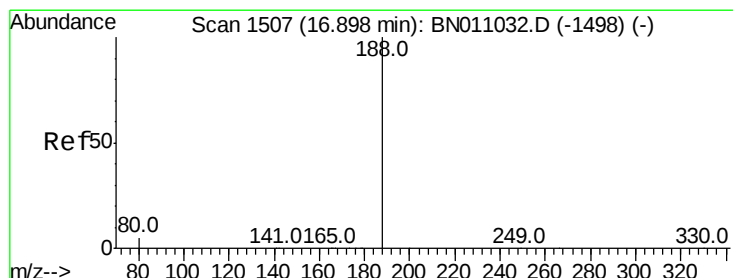
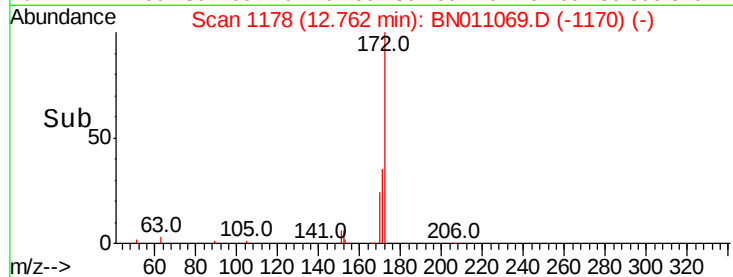
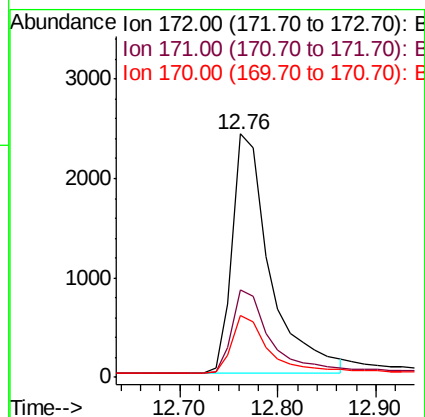
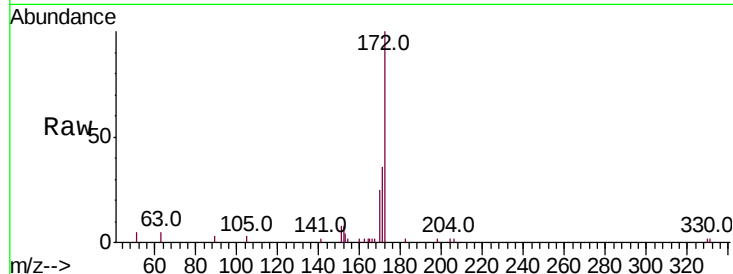




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011069.D
Acq: 29 Jun 2020 16:20

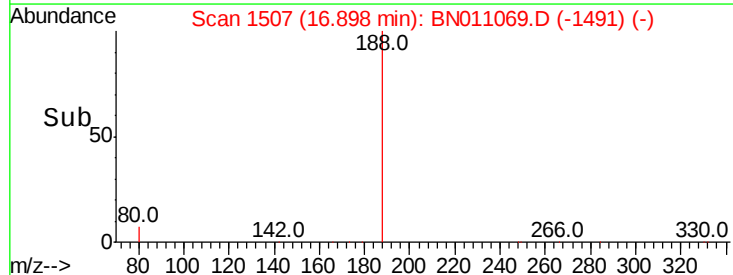
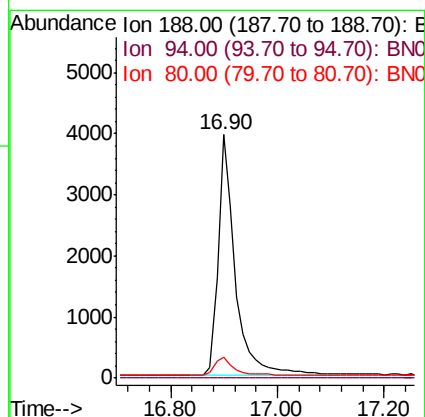
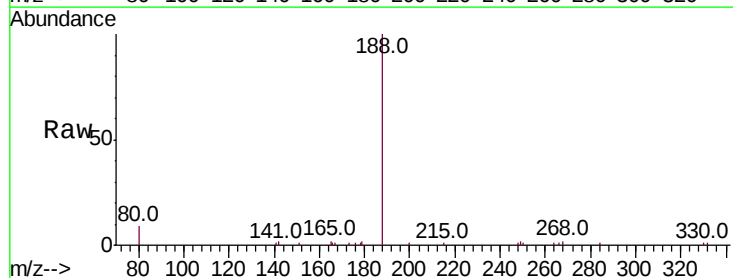
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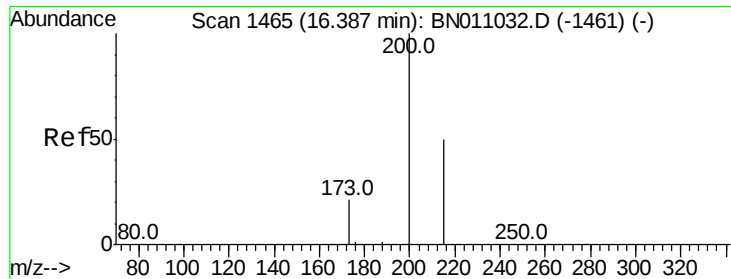
Tot Ion:172 Resp: 6450
Ion Ratio Lower Upper
172 100
171 36.0 27.4 41.2
170 25.2 17.5 26.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011069.D
Acq: 29 Jun 2020 16:20

Tgt Ion:188 Resp: 8708
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 4.6 7.0#





#23

Atrazine

Concen: 0.054 ng

RT: 16.05 min Scan# 1437

Delta R.T. -0.34 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

Instrument :

BNA_N

ClientSampleId :

PB129845BL

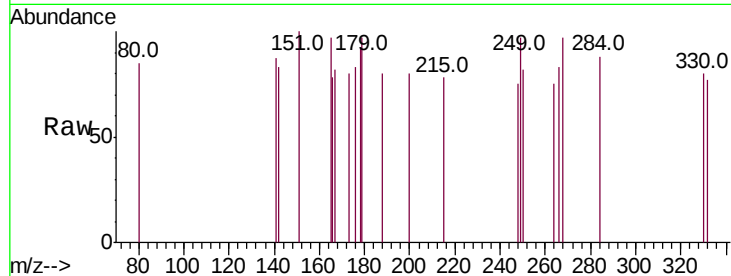
Tot Ion:200 Resp: 240

Ion Ratio Lower Upper

200 100

173 100.0 19.4 29.2#

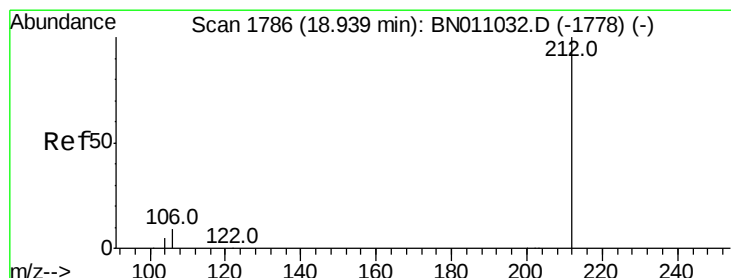
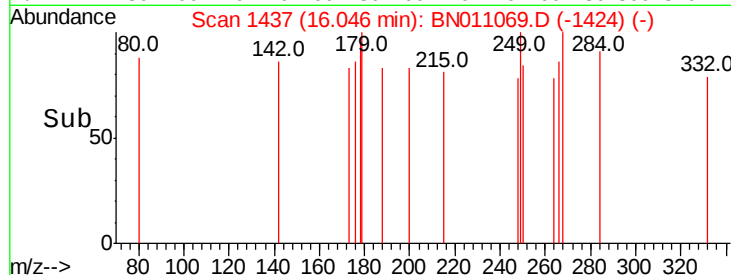
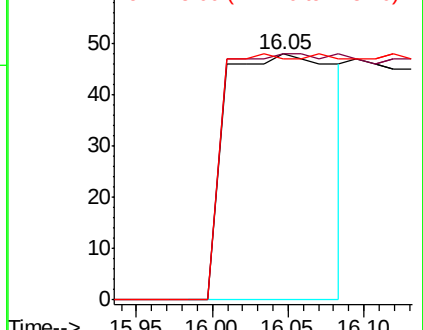
215 97.9 41.5 62.3#



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



#27

Fluoranthene-d10

Concen: 0.262 ng

RT: 18.94 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

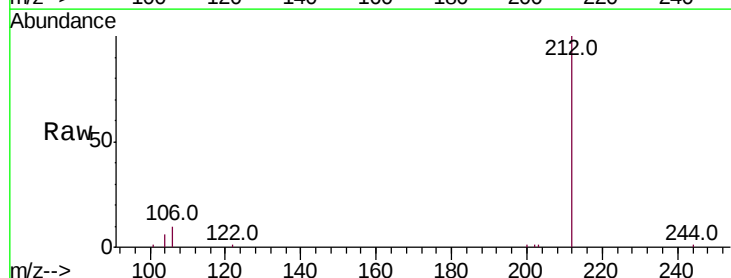
Tgt Ion:212 Resp: 7219

Ion Ratio Lower Upper

212 100

106 9.1 7.7 11.5

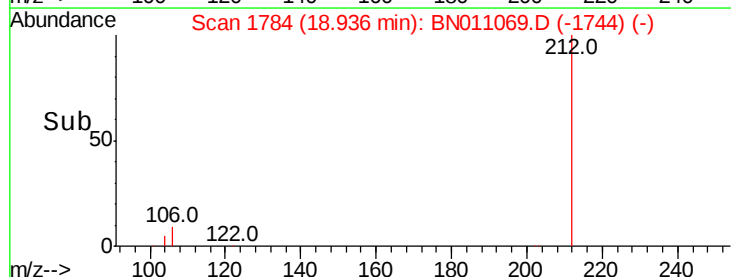
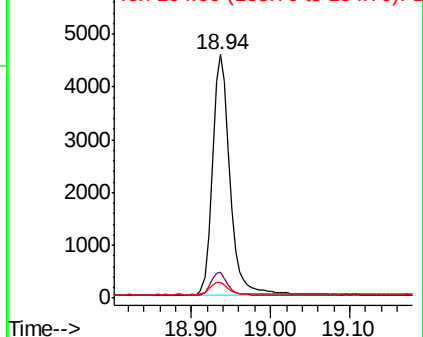
104 5.3 4.6 6.8

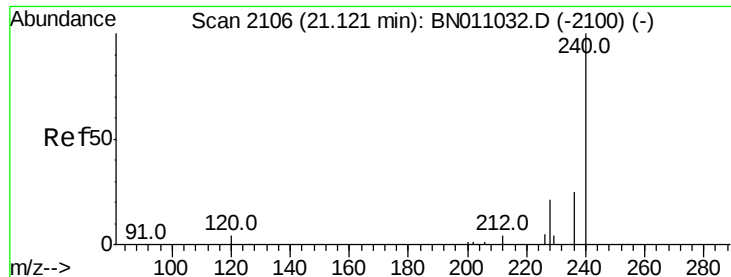


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

Instrument :

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PB129845BL

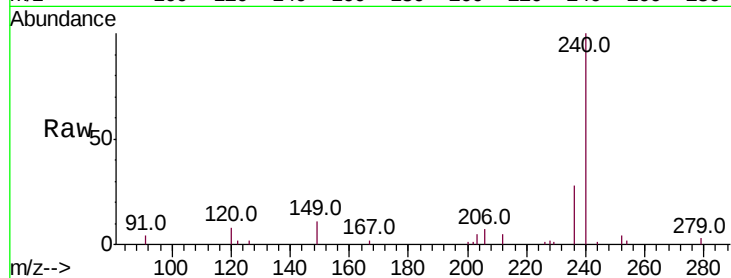
Tot Ion:240 Resp: 7646

Ion Ratio Lower Upper

240 100

120 7.7 5.4 8.0

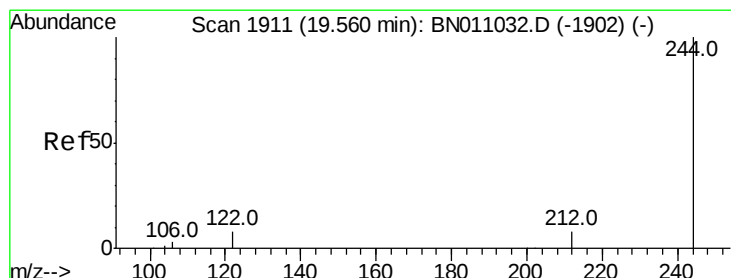
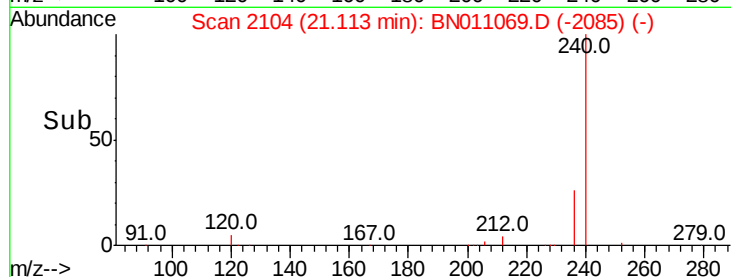
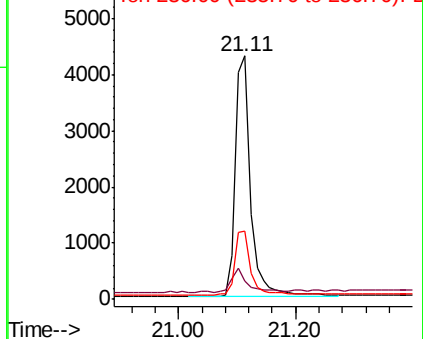
236 27.8 21.4 32.2



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



#31

Terphenyl-d14

Concen: 0.401 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

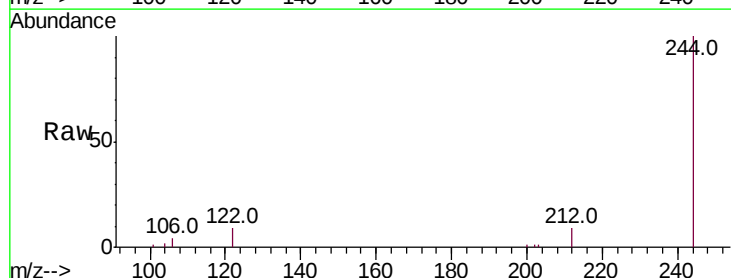
Tgt Ion:244 Resp: 8229

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

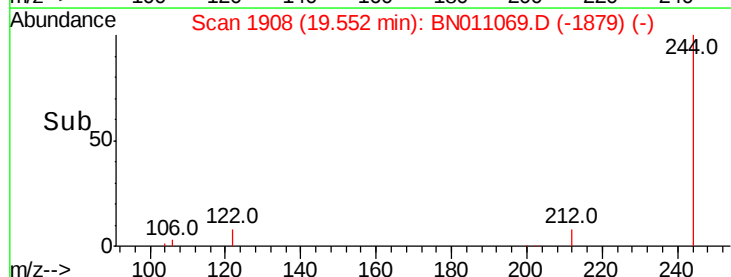
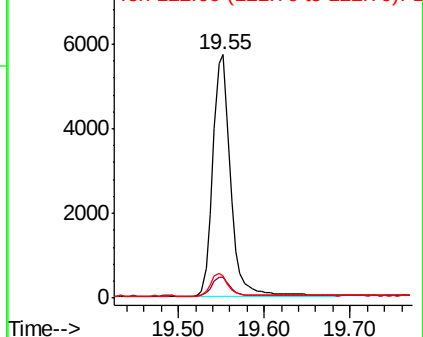
122 9.0 7.4 11.0

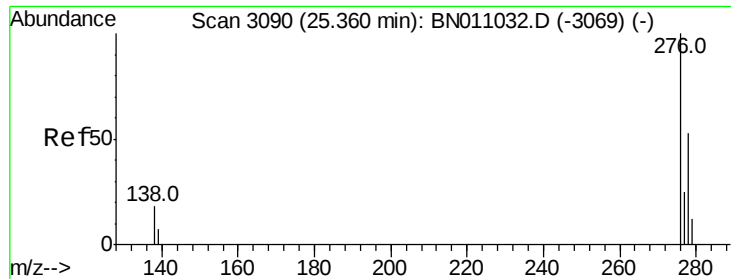


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.030 ng

RT: 25.36 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

Instrument :

BNA_N

ClientSampleId :

PB129845BL

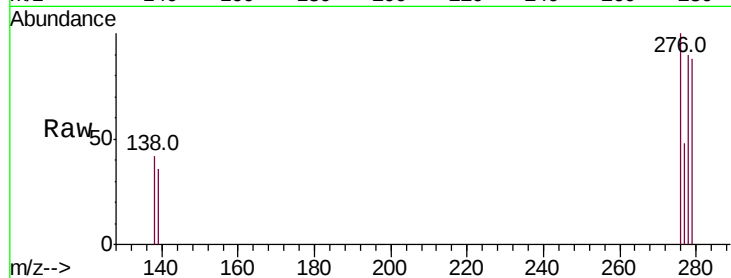
Tot Ion:276 Resp: 960

Ion Ratio Lower Upper

276 100

138 9.4 16.2 24.2#

277 11.1 19.9 29.9#



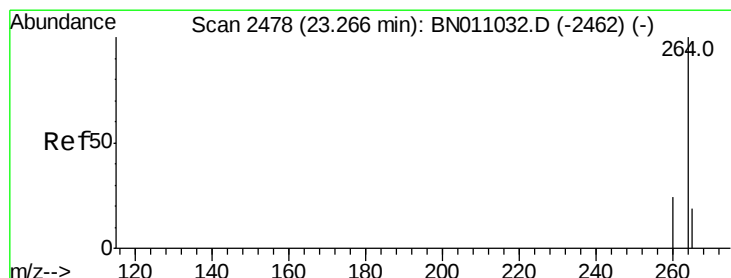
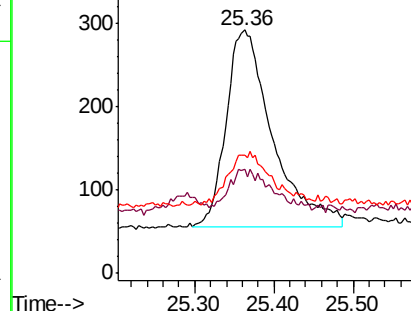
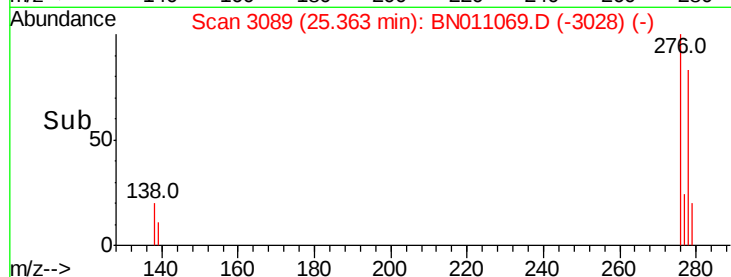
Abundance

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

25.36



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

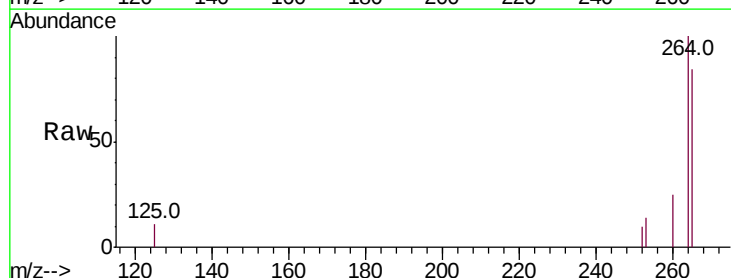
Tgt Ion:264 Resp: 7292

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 83.9 64.9 97.3



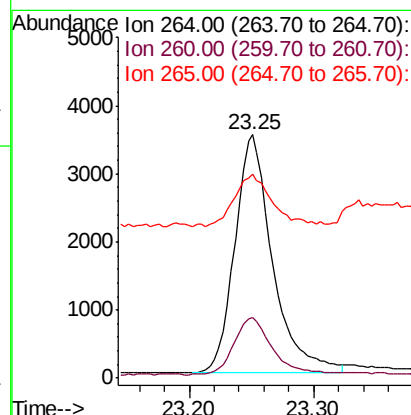
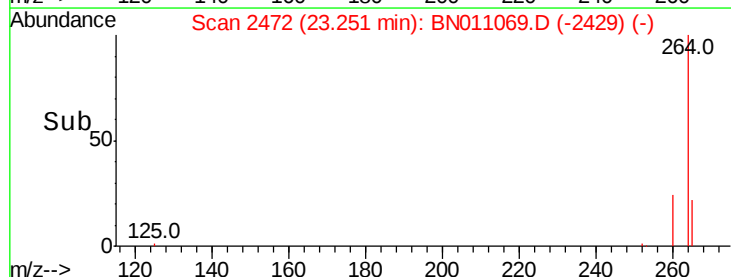
Abundance

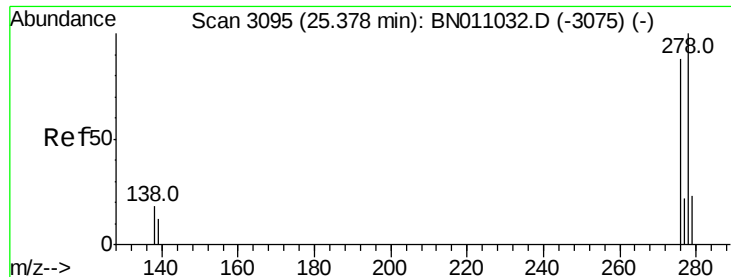
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.25





#40

Dibenzo(a,h)anthracene

Concen: 0.036 ng

RT: 25.38 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

Instrument :

BNA_N

ClientSampleId :

PB129845BL

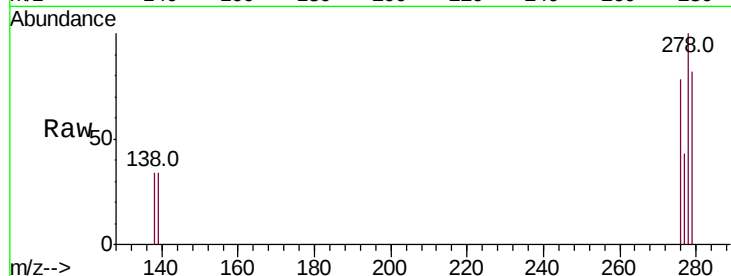
Tot Ion:278 Resp: 994

Ion Ratio Lower Upper

278 100

139 33.6 11.2 16.8#

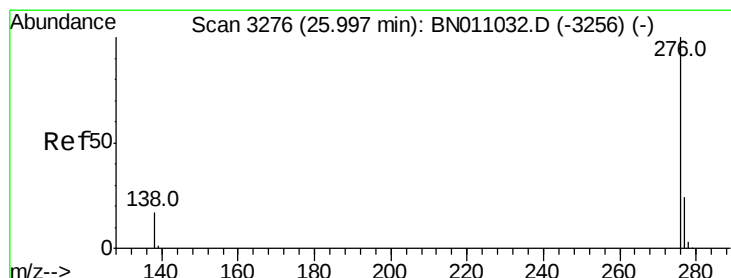
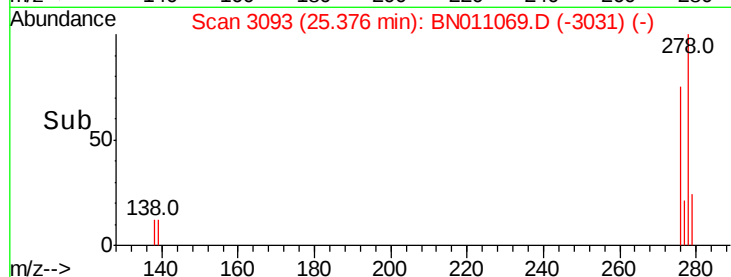
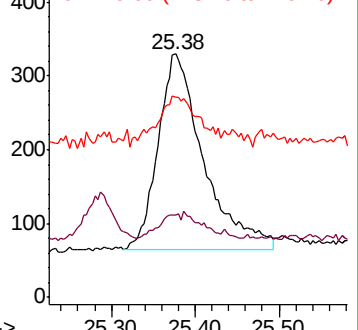
279 82.1 22.6 34.0#



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(g,h,i)perylene

Concen: 0.021 ng

RT: 25.99 min Scan# 3272

Delta R.T. 0.00 min

Lab File: BN011069.D

Acq: 29 Jun 2020 16:20

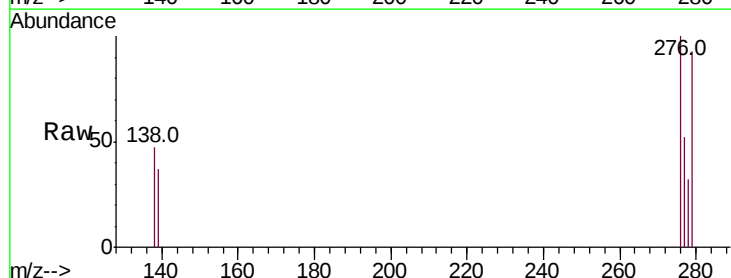
Tgt Ion:276 Resp: 612

Ion Ratio Lower Upper

276 100

277 52.0 20.4 30.6#

138 47.1 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

