

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011021.D
 Acq On : 23 Jun 2020 04:05
 Operator : CG/JU
 Sample : L3043-18DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20200615DL

Quant Time: Jun 23 05:34:46 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

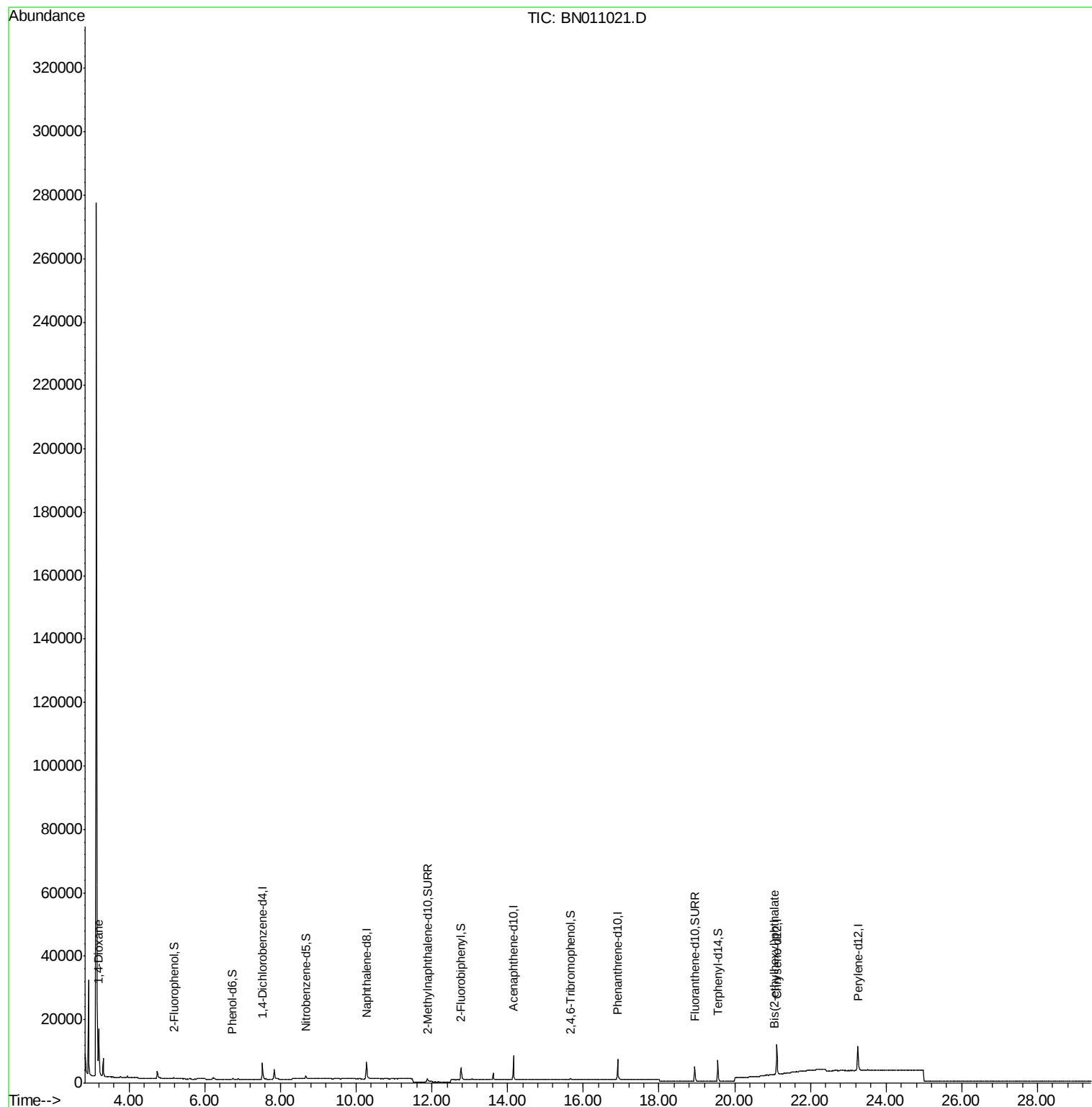
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2627	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	9060	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5045	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	10688	0.40	ng	0.00
27) Chrysene-d12	21.11	240	10177	0.40	ng	0.00
34) Perylene-d12	23.25	264	10860	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	495	0.10	ng	0.00
5) Phenol-d6	6.73	99	338	0.06	ng	0.00
8) Nitrobenzene-d5	8.67	82	1412	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	2139	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	359	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	4524	0.23	ng	0.00
25) Fluoranthene-d10	18.95	212	6921	0.23	ng	0.00
29) Terphenyl-d14	19.56	244	7515	0.32	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	9554	3.713	ng	99
32) Bis(2-ethylhexyl)phthalate	21.05	149	412	0.041	ng	# 95

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

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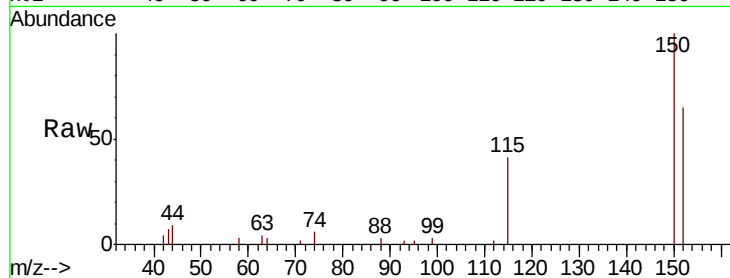


#1

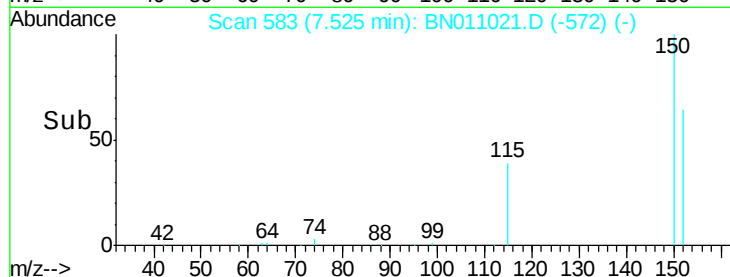
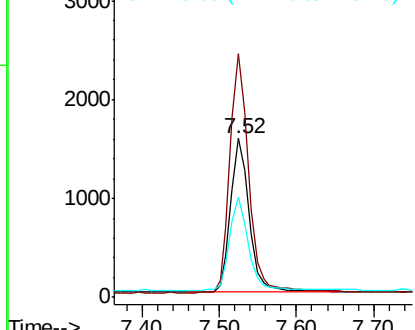
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011021.D
Acq: 23 Jun 2020 04:05

Instrument :
BNA_N
ClientSampleId :
RE120D1-20200615DL

Tot Ion:152 Resp: 2627
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.6
115 63.2 49.2 73.8



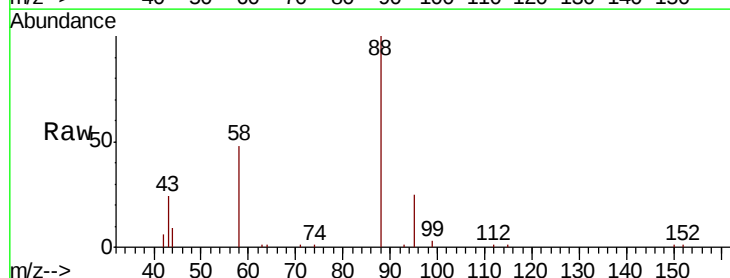
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



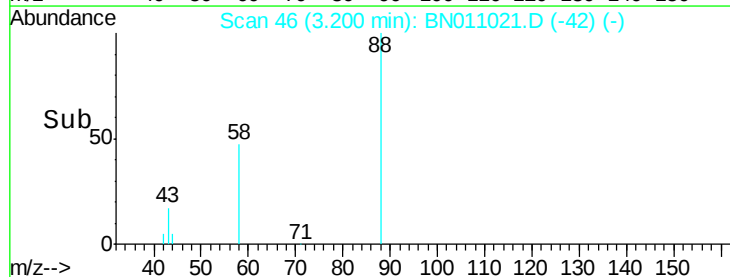
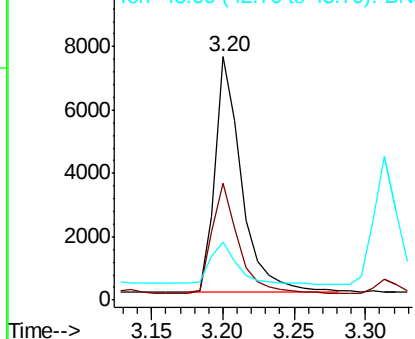
#2

1,4-Dioxane
Concen: 3.713 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN011021.D
Acq: 23 Jun 2020 04:05

Tgt Ion: 88 Resp: 9554
Ion Ratio Lower Upper
88 100
58 47.2 38.2 57.4
43 18.5 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





#4

2-Fluorophenol

Concen: 0.098 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200615DL

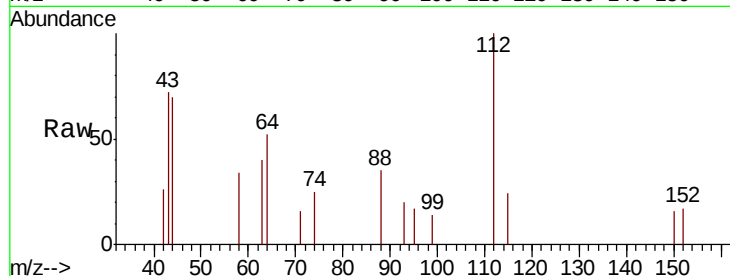
Tot Ion: 112 Resp: 495

Ion Ratio Lower Upper

112 100

64 43.2 37.4 56.0

63 30.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.18

400

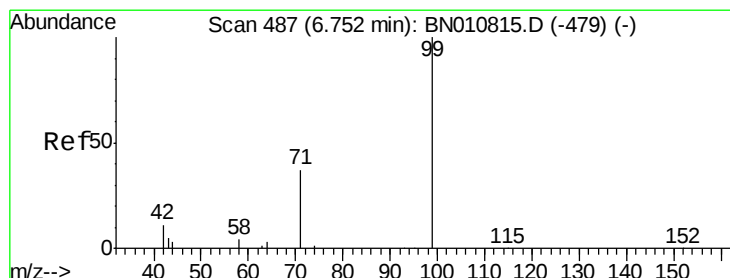
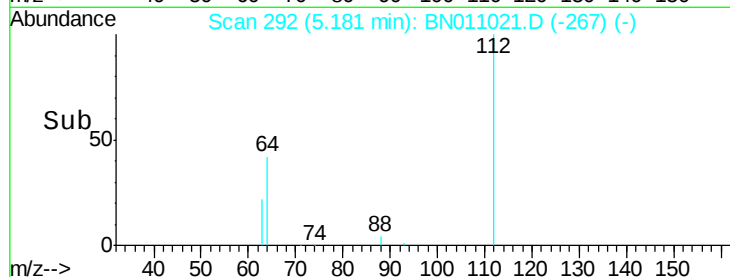
300

200

100

0

Time--> 5.00 5.10 5.20 5.30



#5

Phenol-d6

Concen: 0.057 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

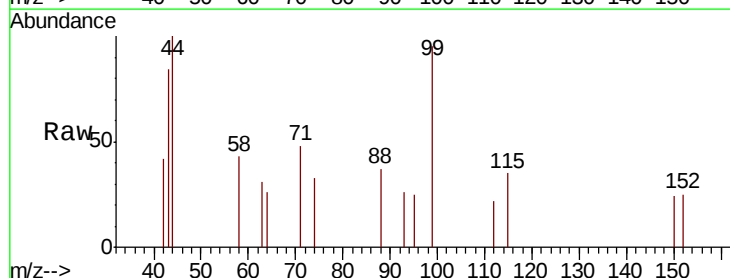
Tgt Ion: 99 Resp: 338

Ion Ratio Lower Upper

99 100

42 16.3 11.1 16.7

71 38.2 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.73

250

200

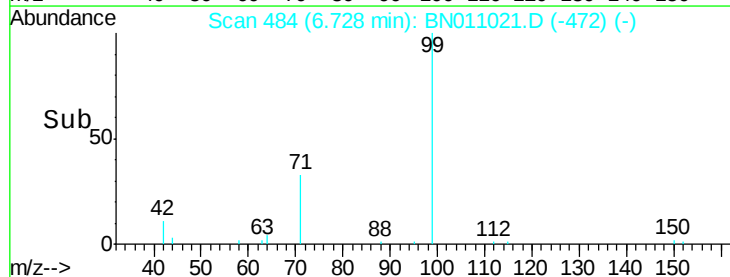
150

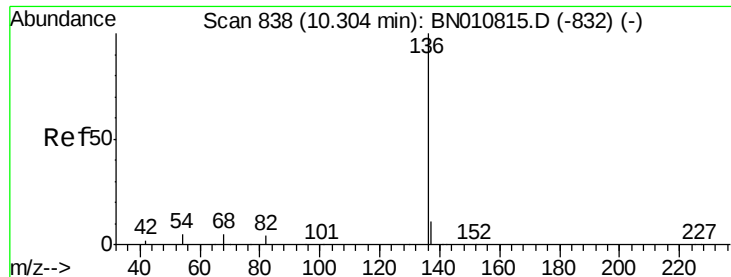
100

50

0

Time--> 6.60 6.70 6.80 6.90





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200615DL

Tot Ion:136 Resp: 9060

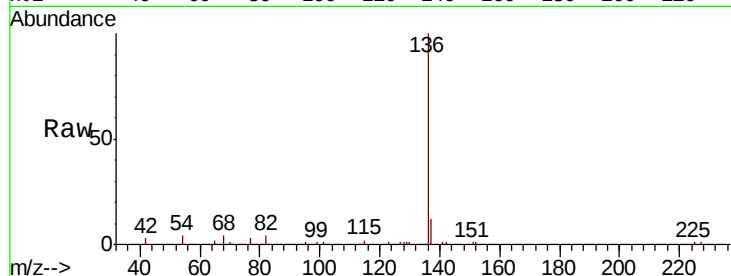
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 4.3 4.9 7.3#

68 4.4 4.7 7.1#

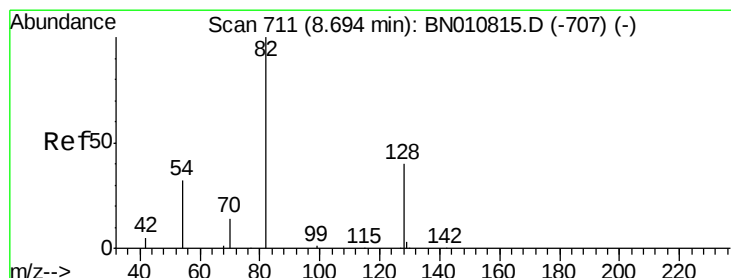
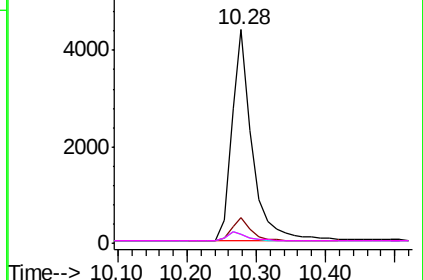
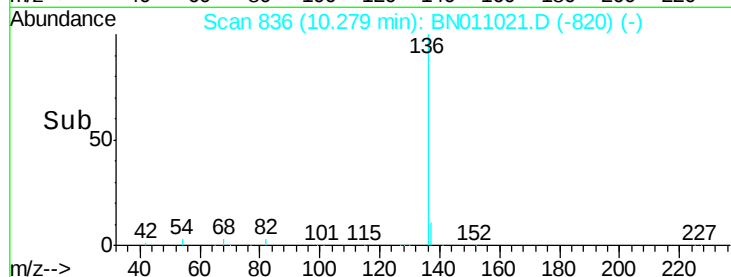


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.211 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

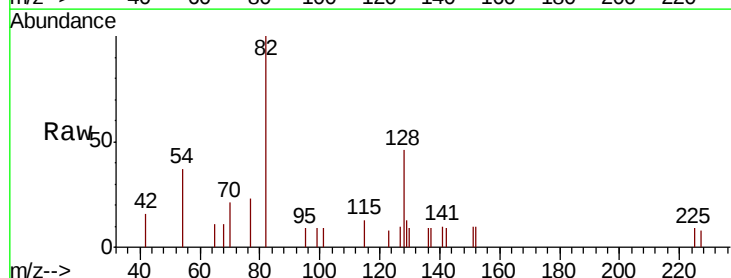
Tgt Ion: 82 Resp: 1412

Ion Ratio Lower Upper

82 100

128 46.0 35.4 53.0

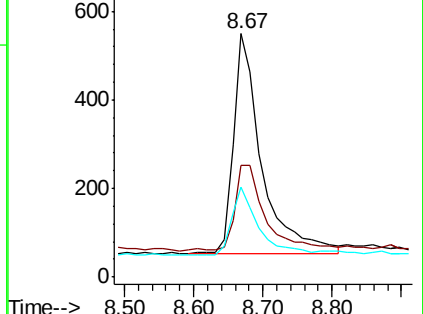
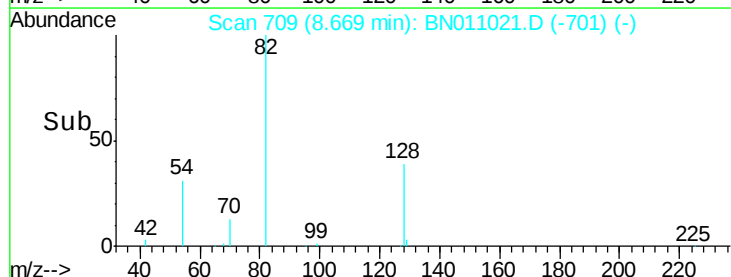
54 37.1 28.2 42.4

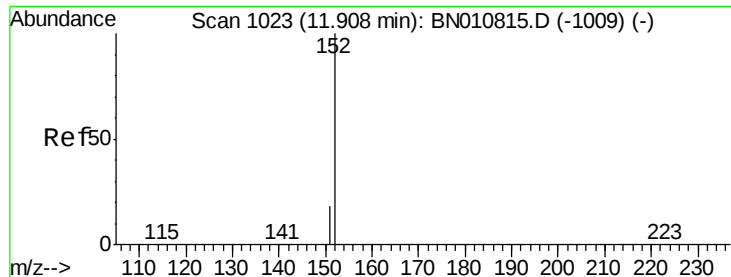


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

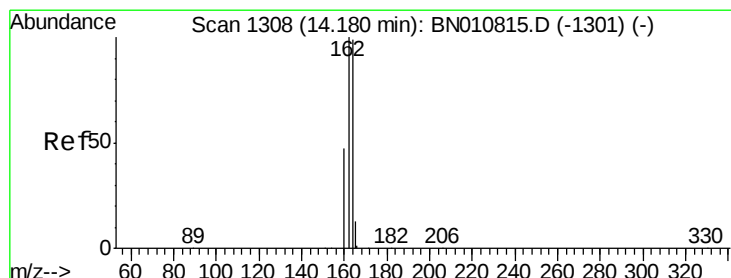
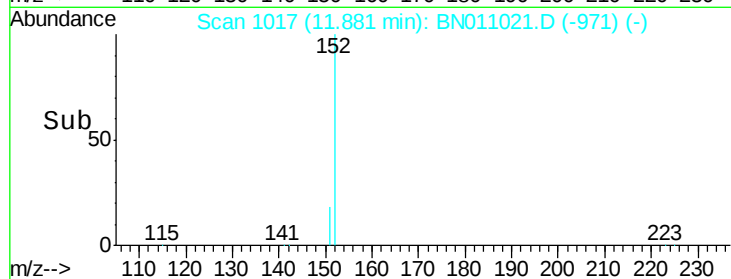
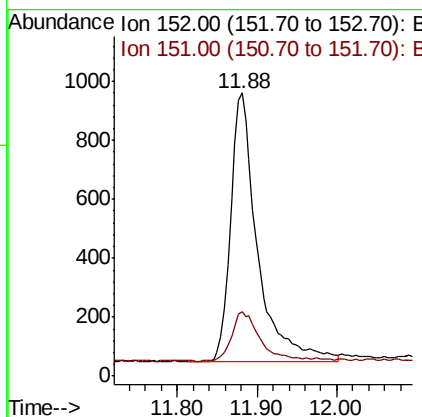
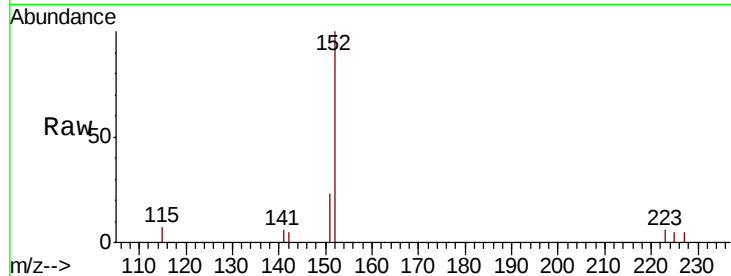




#11
2-Methylnaphthalene-d10
Concen: 0.152 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BN011021.D
Acq: 23 Jun 2020 04:05

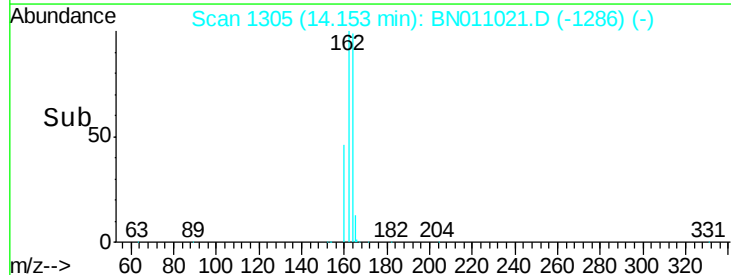
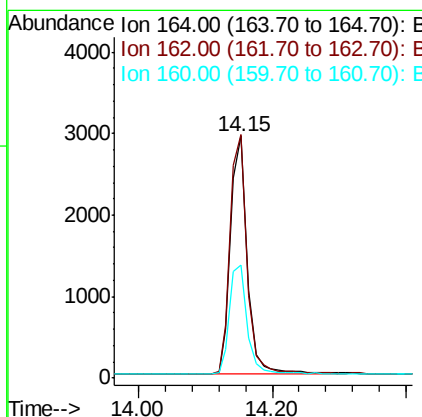
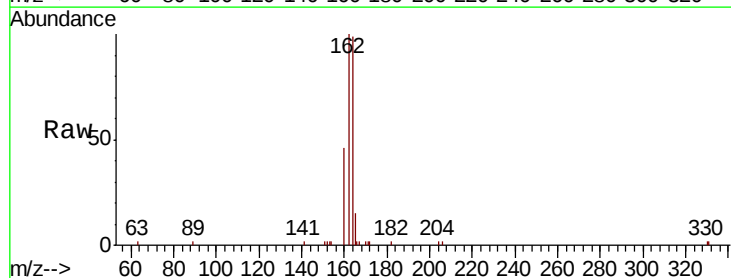
Instrument :
BNA_N
ClientSampleId :
RE120D1-20200615DL

Tot Ion:152 Resp: 2139
Ion Ratio Lower Upper
152 100
151 20.2 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BN011021.D
Acq: 23 Jun 2020 04:05

Tgt Ion:164 Resp: 5045
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.6
160 46.6 38.9 58.3

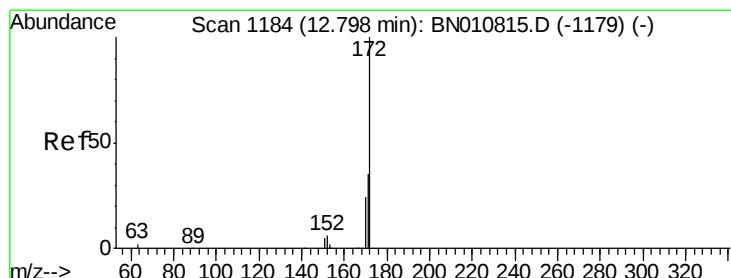
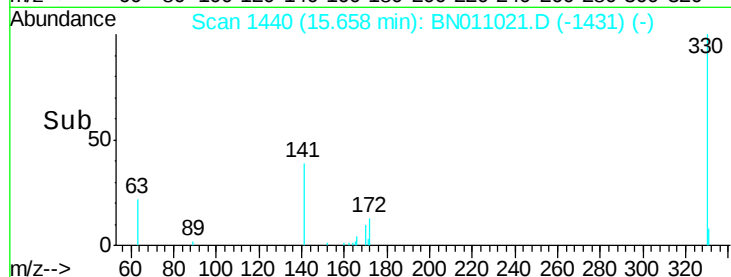
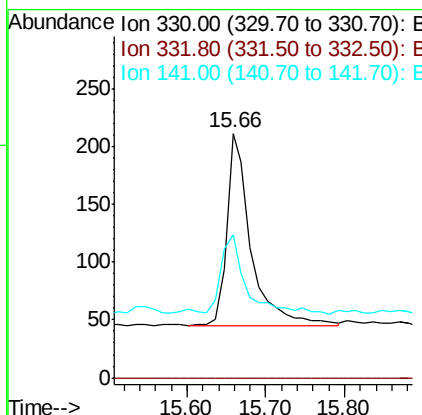
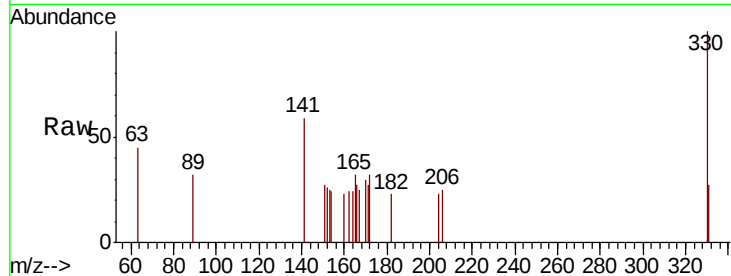




#14
 2,4,6-Tribromophenol
 Concen: 0.199 ng
 RT: 15.66 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BN011021.D
 Acq: 23 Jun 2020 04:05

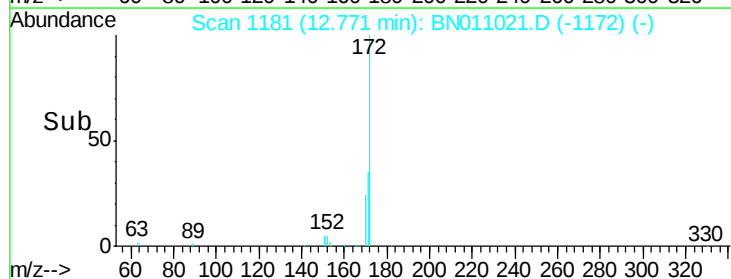
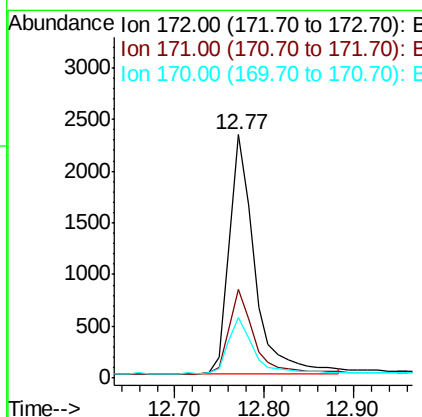
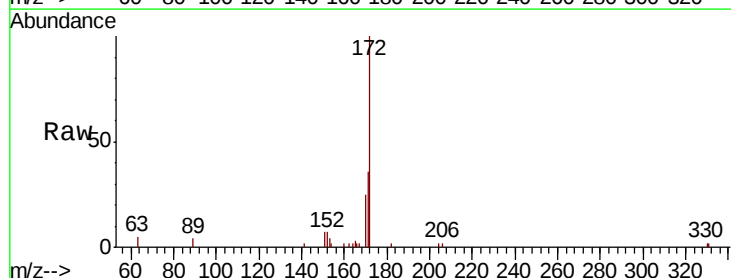
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20200615DL

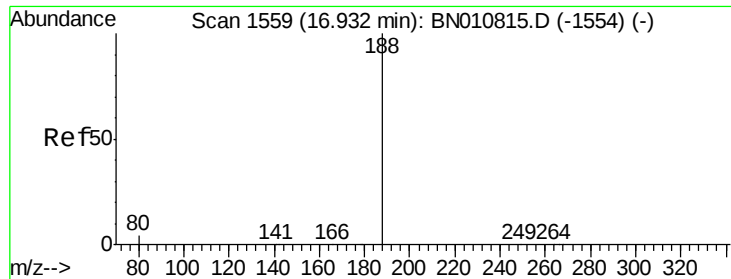
Tot Ion:330 Resp: 359
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.7 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.227 ng
 RT: 12.77 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BN011021.D
 Acq: 23 Jun 2020 04:05

Tgt Ion:172 Resp: 4524
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 25.0 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200615DL

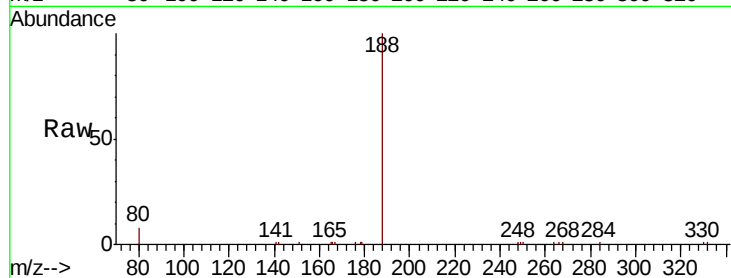
Tot Ion:188 Resp: 10688

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

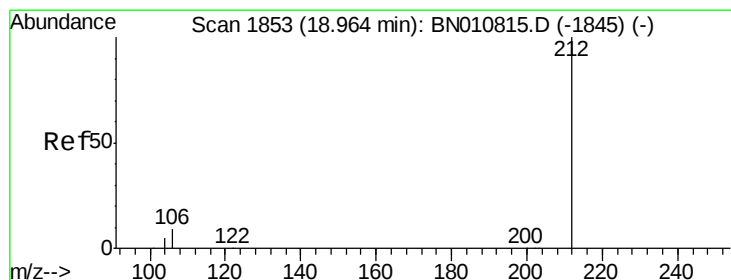
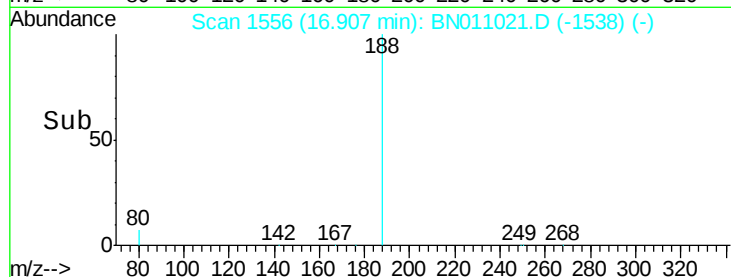
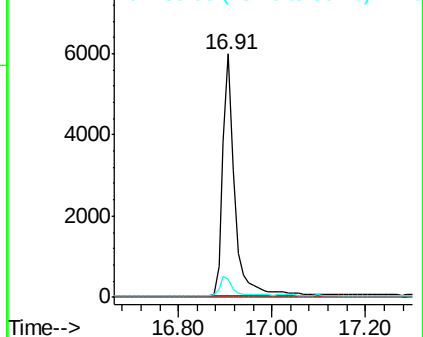
80 7.6 4.5 6.7#



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



#25

Fluoranthene-d10

Concen: 0.235 ng

RT: 18.95 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

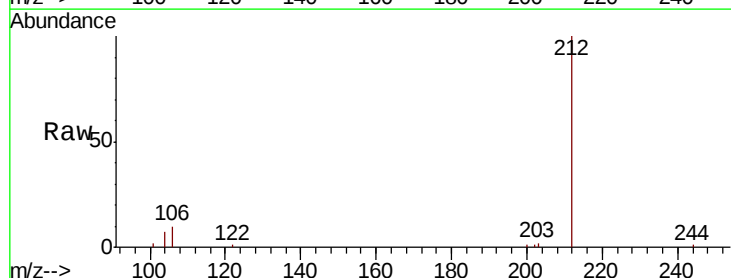
Tgt Ion:212 Resp: 6921

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

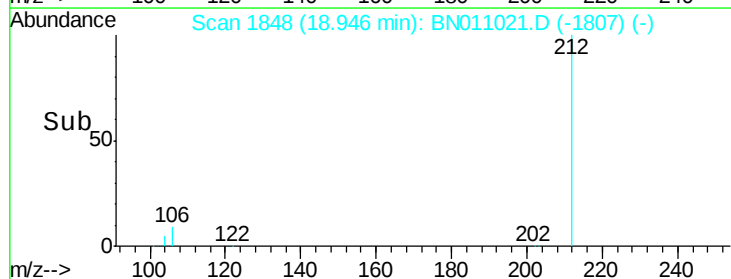
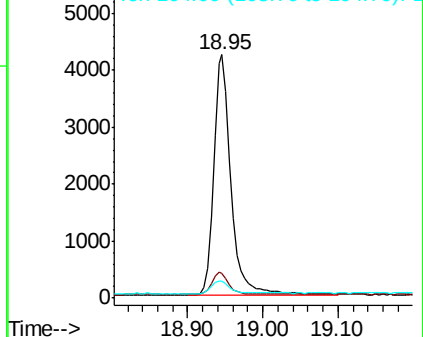
104 5.7 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

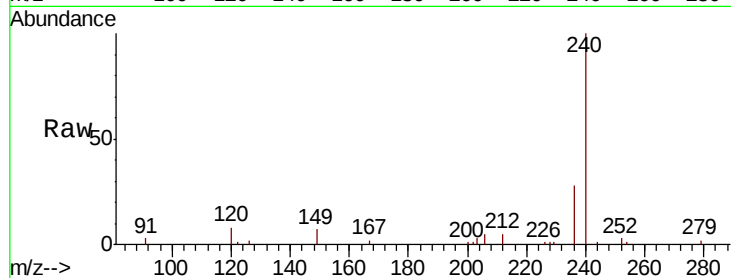




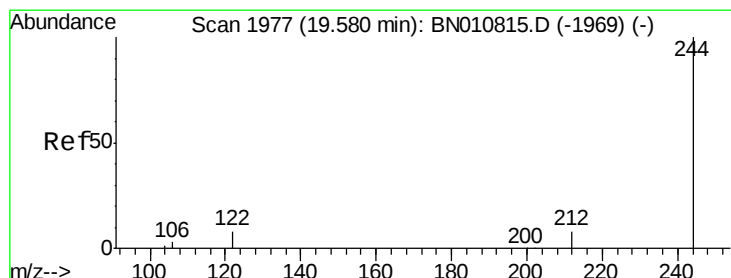
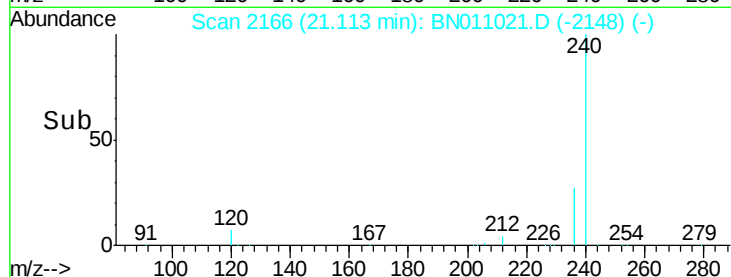
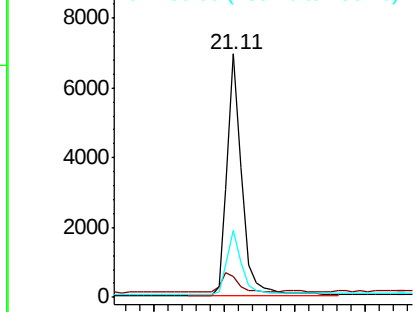
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN011021.D
Acq: 23 Jun 2020 04:05

Instrument :
BNA_N
ClientSampleId :
RE120D1-20200615DL

Tot Ion:240 Resp: 10177
Ion Ratio Lower Upper
240 100
120 8.5 7.5 11.3
236 27.7 22.3 33.5

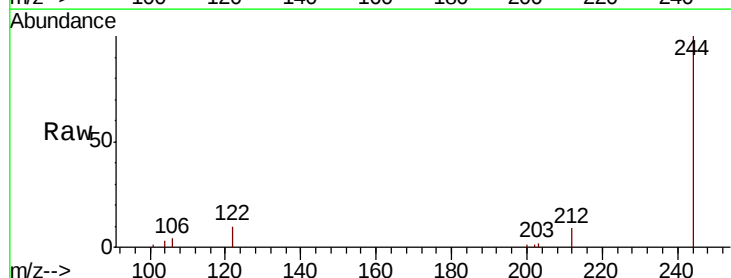


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

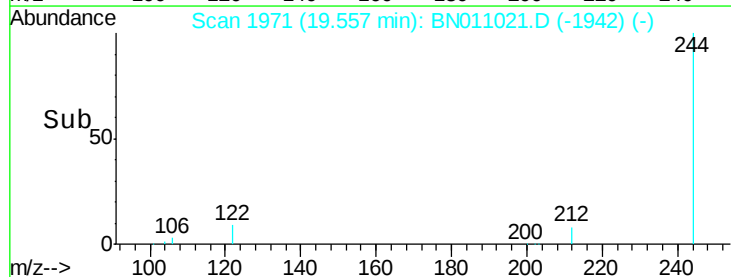
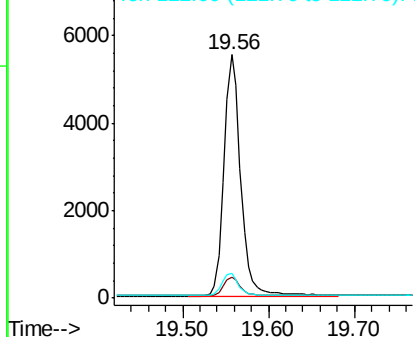


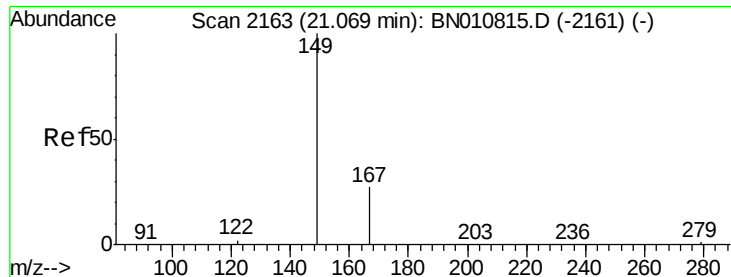
#29
Terphenyl-d14
Concen: 0.315 ng
RT: 19.56 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BN011021.D
Acq: 23 Jun 2020 04:05

Tgt Ion:244 Resp: 7515
Ion Ratio Lower Upper
244 100
212 8.5 7.4 11.2
122 10.1 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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

Instrument :

BNA_N

ClientSampleId :

RE120D1-20200615DL

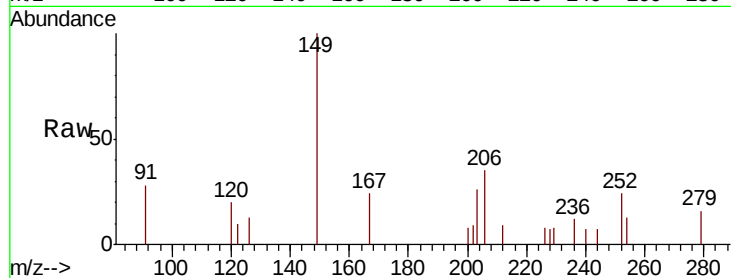
Tot Ion:149 Resp: 412

Ion Ratio Lower Upper

149 100

167 28.4 24.1 36.1

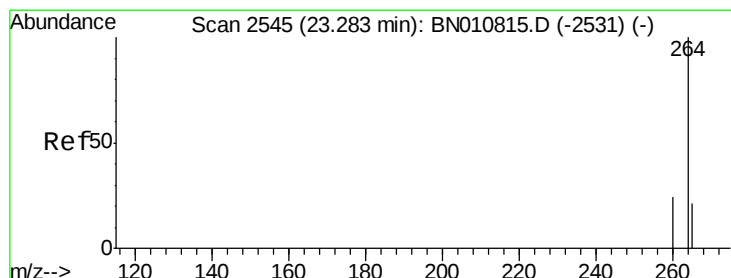
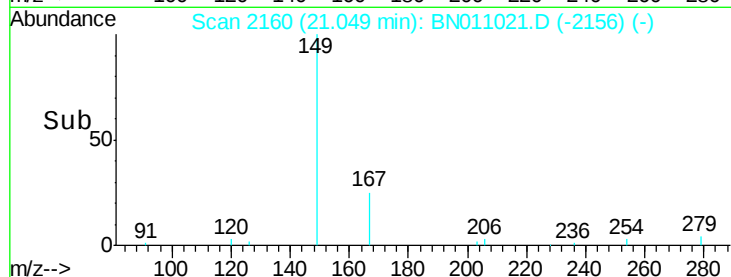
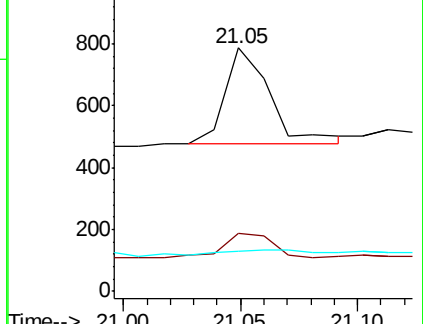
279 0.0 4.6 7.0#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BN011021.D

Acq: 23 Jun 2020 04:05

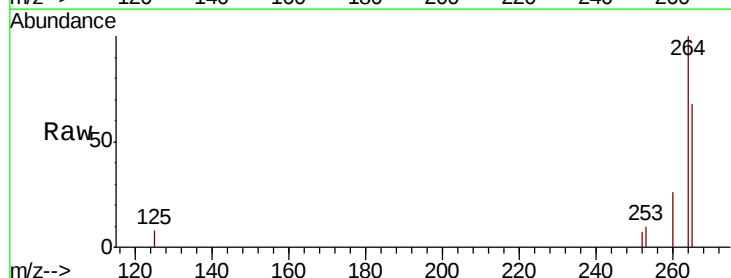
Tgt Ion:264 Resp: 10860

Ion Ratio Lower Upper

264 100

260 25.9 20.4 30.6

265 67.7 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

