

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062220\
 Data File : BN011012.D
 Acq On : 22 Jun 2020 16:52
 Operator : CG/JU
 Sample : L3033-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SS043MW010-200615

Quant Time: Jun 22 17:34:07 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	2573	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	9839	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5147	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	10640	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	10619	0.40	ng	-0.01
34) Perylene-d12	23.26	264	11438	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	940	0.19	ng	0.00
5) Phenol-d6	6.73	99	635	0.11	ng	0.00
8) Nitrobenzene-d5	8.67	82	2794	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.87	152	4438	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	860	0.47	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	8657	0.43	ng	-0.01
25) Fluoranthene-d10	18.94	212	11395	0.39	ng	0.00
29) Terphenyl-d14	19.56	244	12334	0.50	ng	0.00

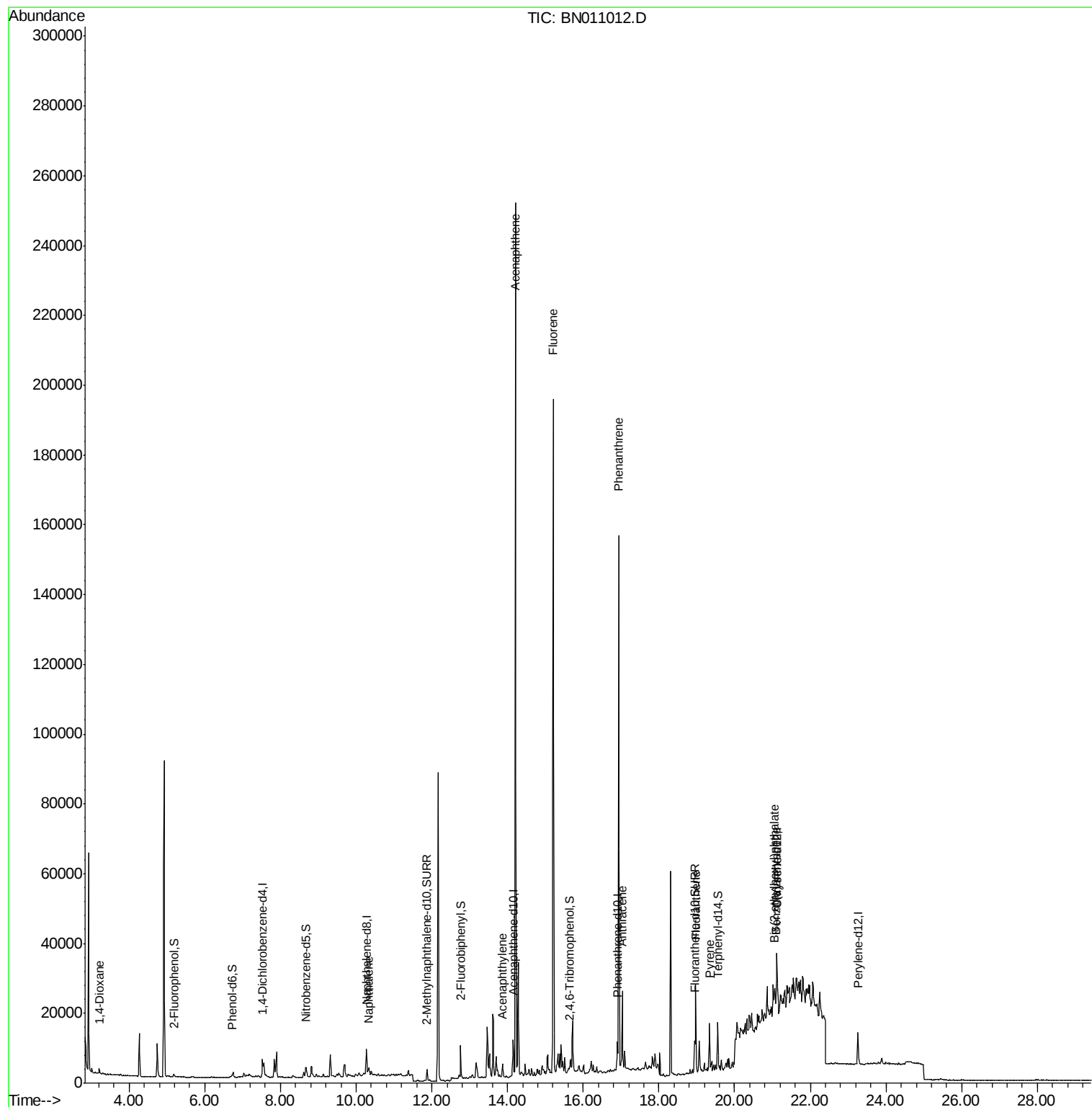
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	1167	0.463	ng	# 75
9) Naphthalene	10.33	128	1904	0.077	ng	# 73
16) Acenaphthylene	13.87	152	846	0.040	ng	# 27
17) Acenaphthene	14.21	154	123035	8.557	ng	96
18) Fluorene	15.21	166	115118	6.208	ng	99
23) Phenanthrene	16.94	178	151860	5.226	ng	100
24) Anthracene	17.03	178	23918	0.986	ng	# 92
26) Fluoranthene	18.97	202	22019	0.667	ng	# 78
28) Pyrene	19.34	202	12694	0.361	ng	# 74
30) Benzo(a)anthracene	21.10	228	782	0.025	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	4000	0.384	ng	# 88

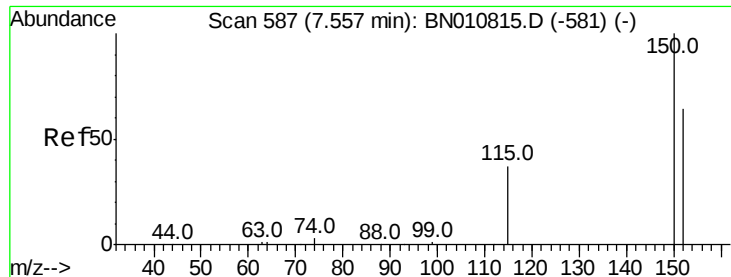
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062220\
Data File : BN011012.D
Acq On : 22 Jun 2020 16:52
Operator : CG/JU
Sample : L3033-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SS043MW010-200615

Quant Time: Jun 22 17:34:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

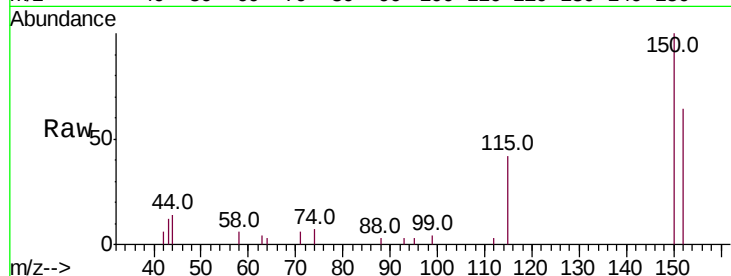
Tot Ion:152 Resp: 2573

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

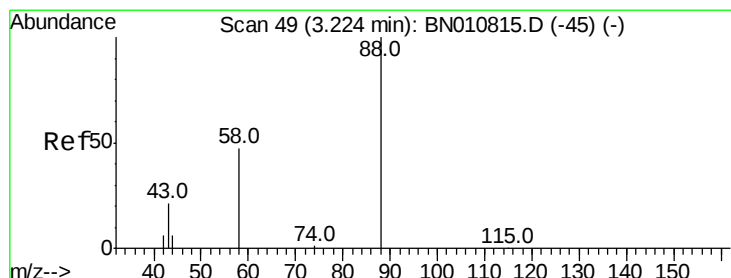
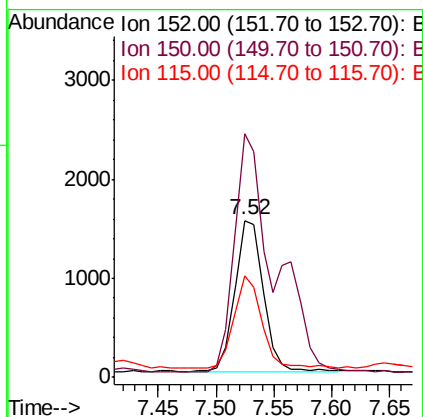
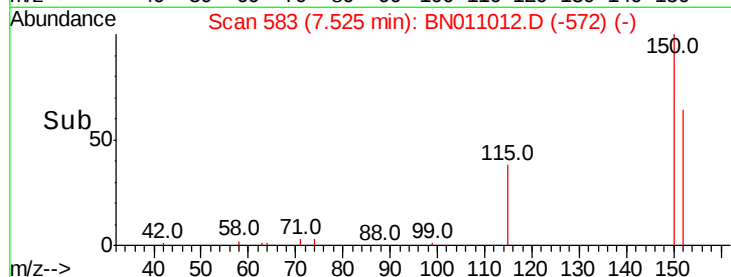
115 65.1 49.2 73.8



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: 0.463 ng

RT: 3.21 min Scan# 47

Delta R.T. -0.01 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

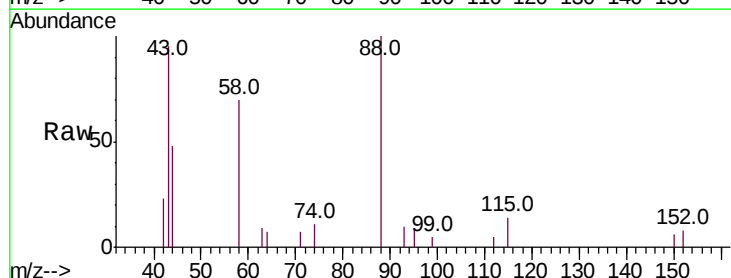
Tgt Ion: 88 Resp: 1167

Ion Ratio Lower Upper

88 100

58 58.6 38.2 57.4#

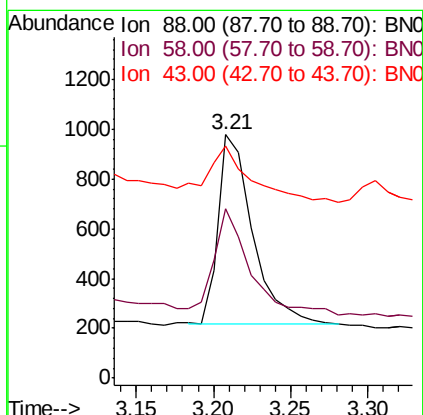
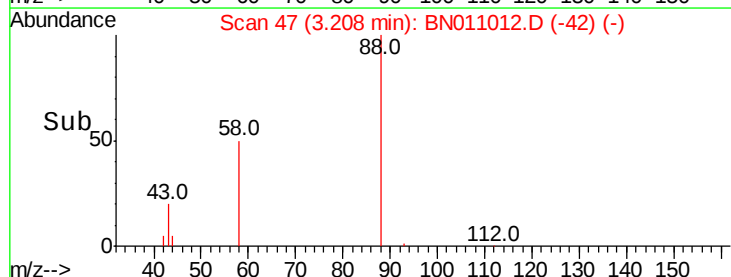
43 40.5 15.1 22.7#

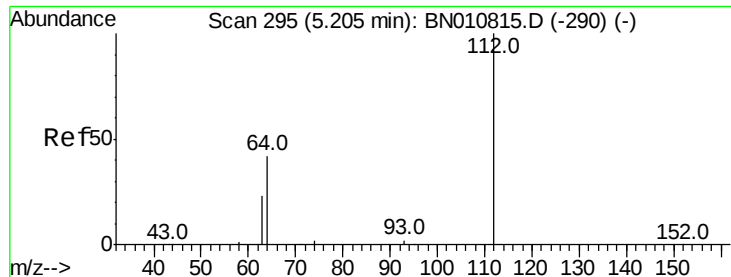


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.189 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

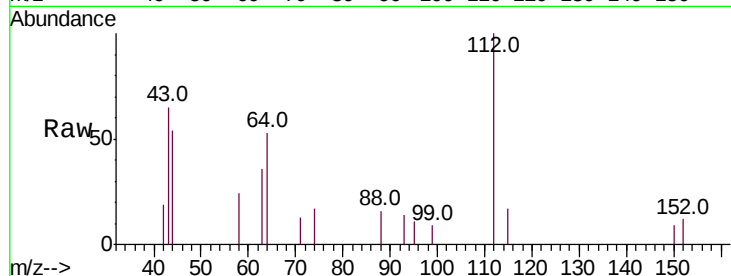
Tot Ion:112 Resp: 940

Ion Ratio Lower Upper

112 100

64 47.1 37.4 56.0

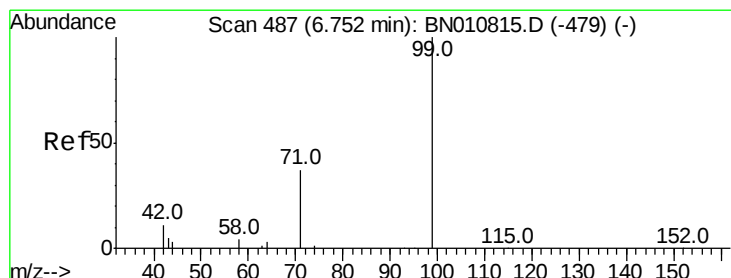
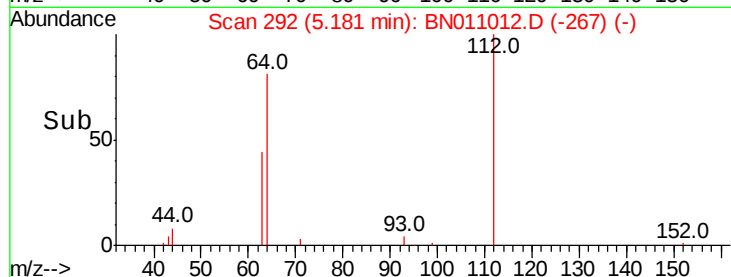
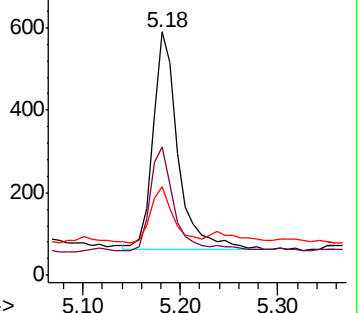
63 23.5 22.2 33.4



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

Phenol-d6

Concen: 0.109 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

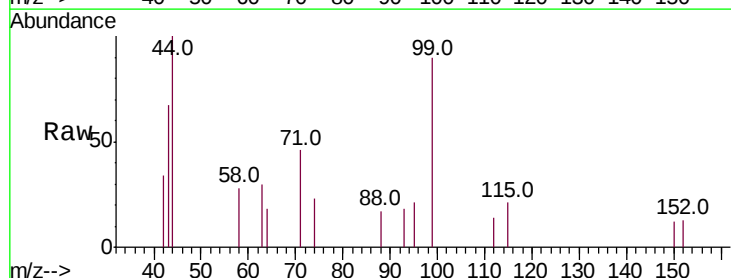
Tgt Ion: 99 Resp: 635

Ion Ratio Lower Upper

99 100

42 36.2 11.1 16.7#

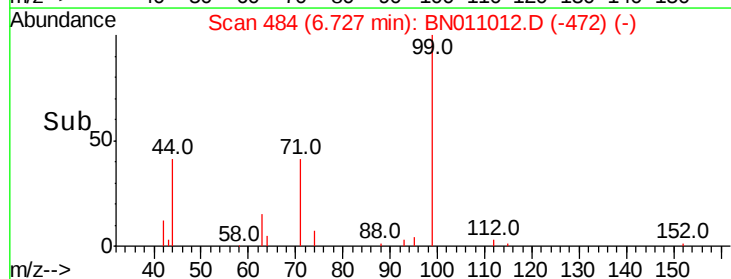
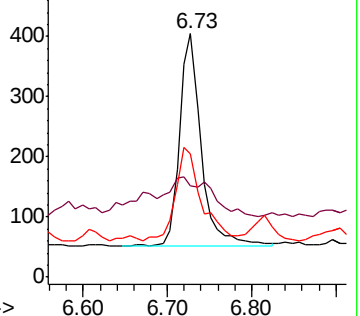
71 53.1 31.4 47.2#

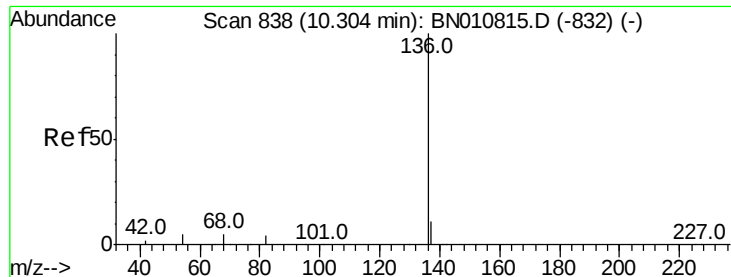


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

Tot Ion:136 Resp: 9839

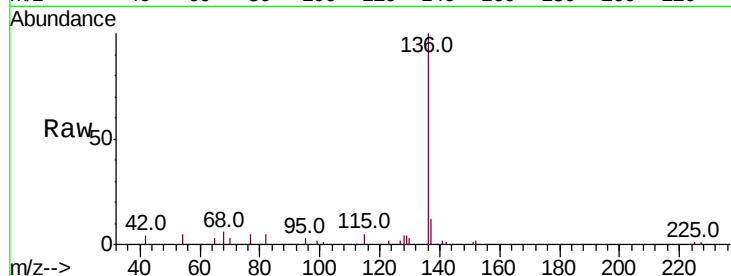
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 4.8 4.9 7.3#

68 5.9 4.7 7.1

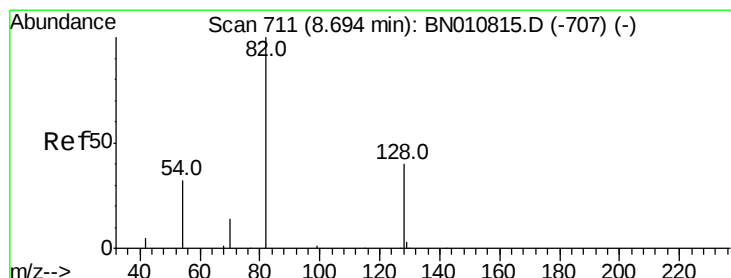
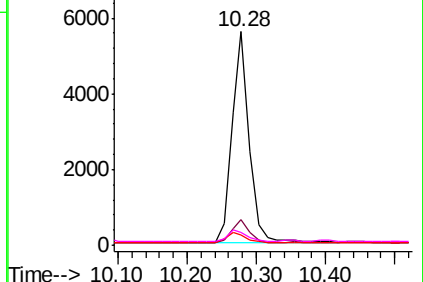
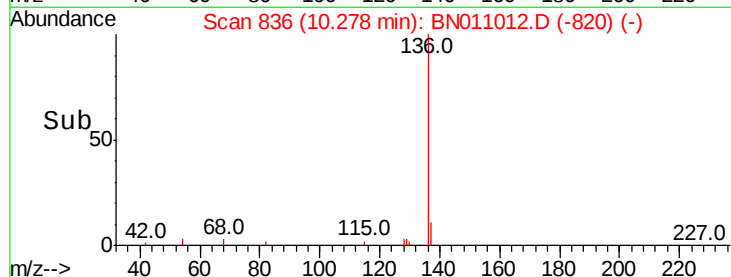


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

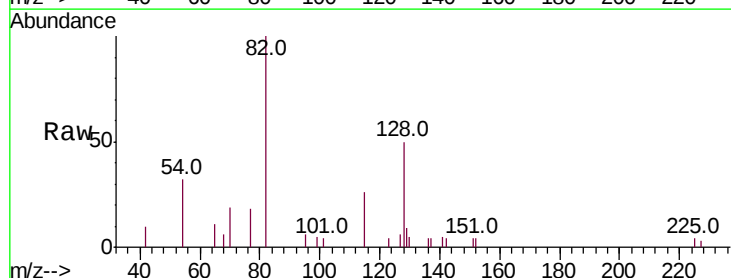
Tgt Ion: 82 Resp: 2794

Ion Ratio Lower Upper

82 100

128 49.6 35.4 53.0

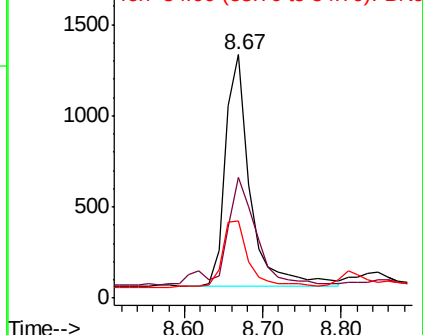
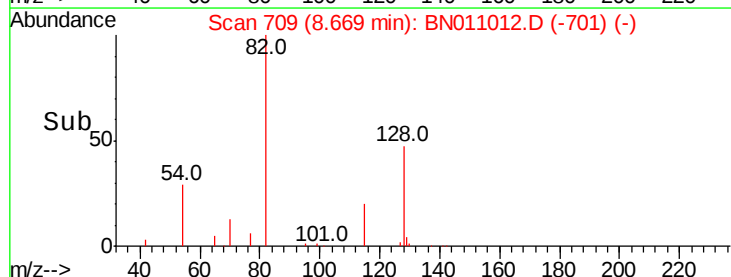
54 31.7 28.2 42.4

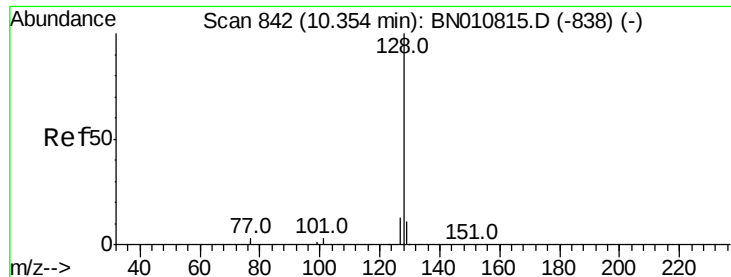


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.077 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

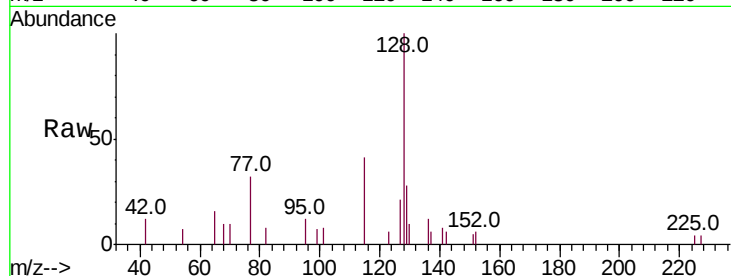
Tot Ion:128 Resp: 1904

Ion Ratio Lower Upper

128 100

129 28.0 9.6 14.4#

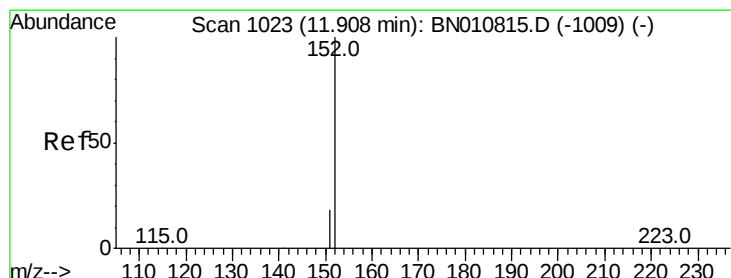
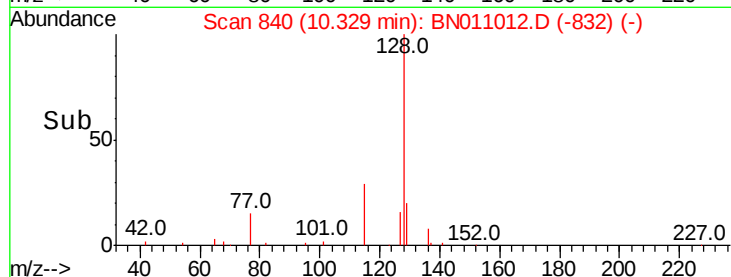
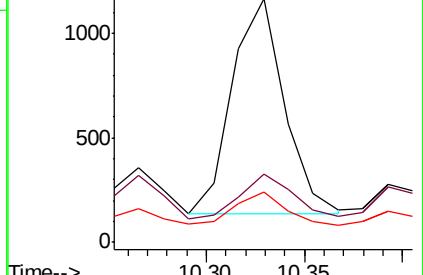
127 20.7 11.4 17.2#



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



#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 11.87 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BN011012.D

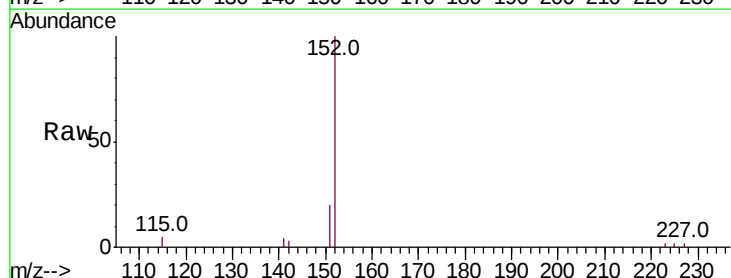
Acq: 22 Jun 2020 16:52

Tgt Ion:152 Resp: 4438

Ion Ratio Lower Upper

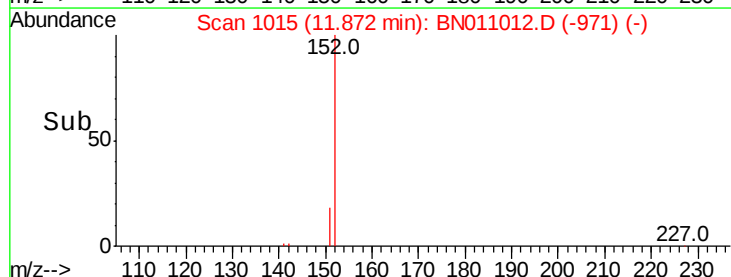
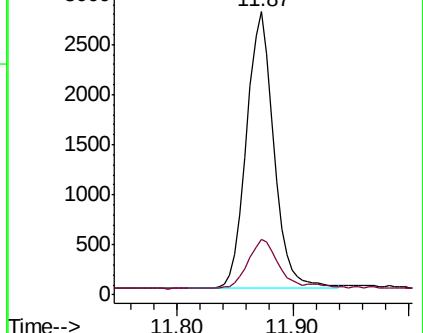
152 100

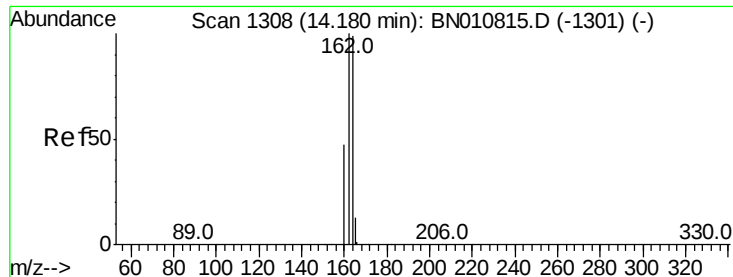
151 21.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

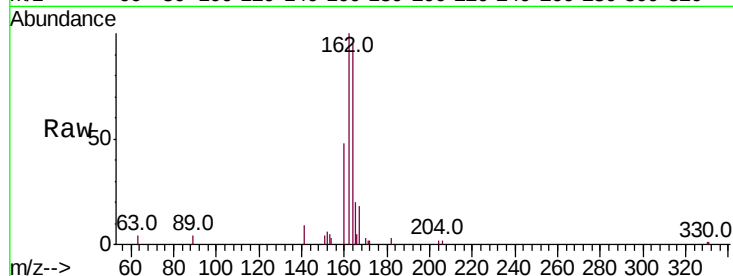
BNA_N

ClientSampleId :

SS043MW010-200615

Tot Ion:164 Resp: 5147

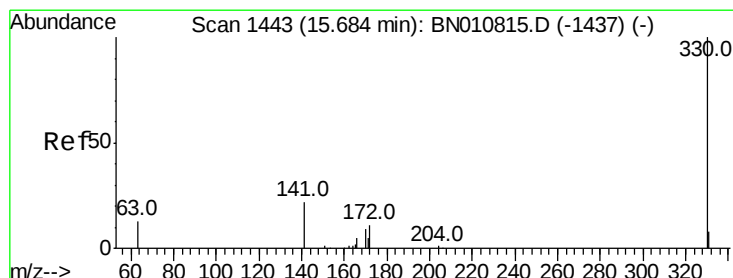
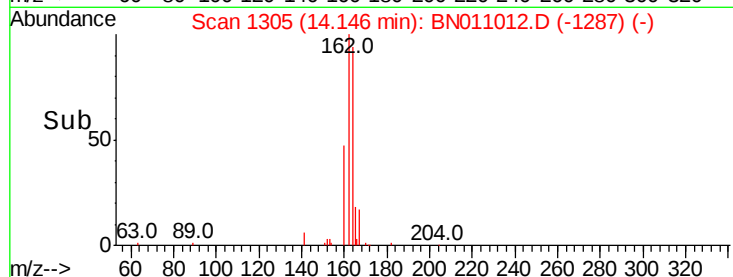
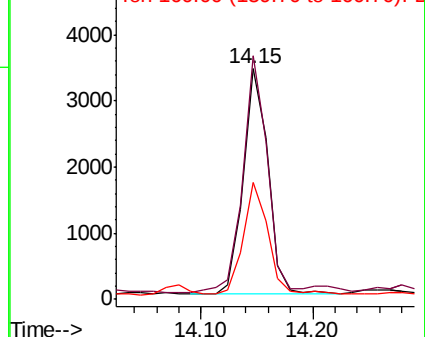
Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.0	121.6
160	50.4	38.9	58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.467 ng

RT: 15.65 min Scan# 1440

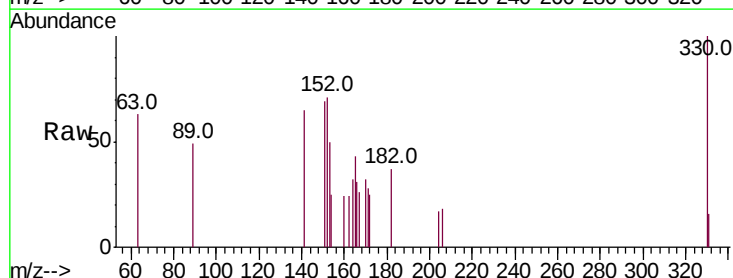
Delta R.T. -0.01 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Tgt Ion:330 Resp: 860

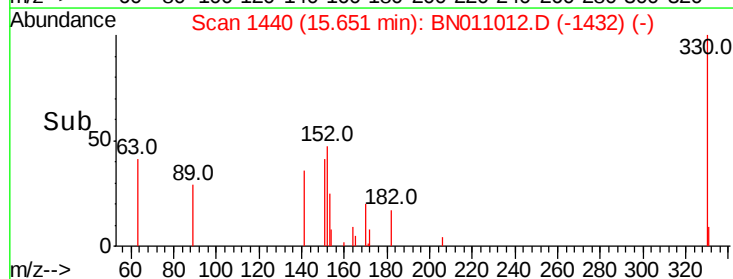
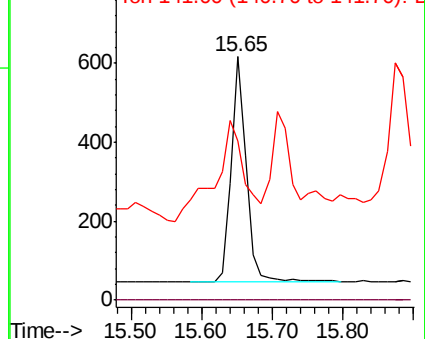
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.4	33.2	49.8

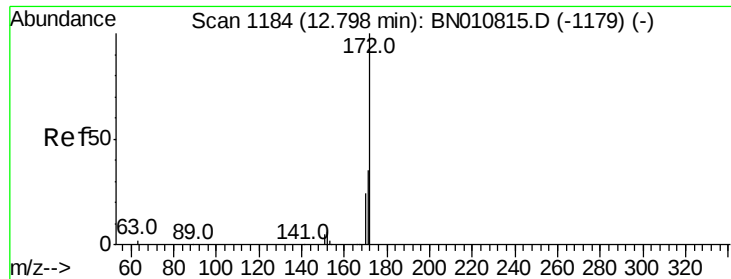


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

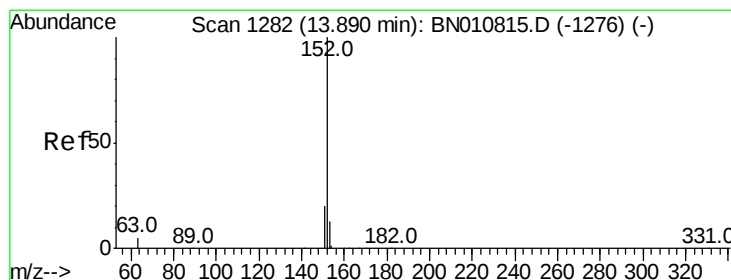
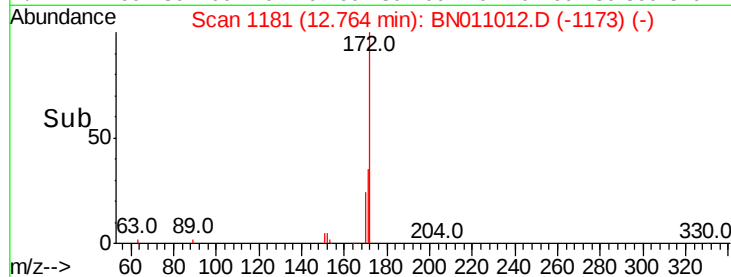
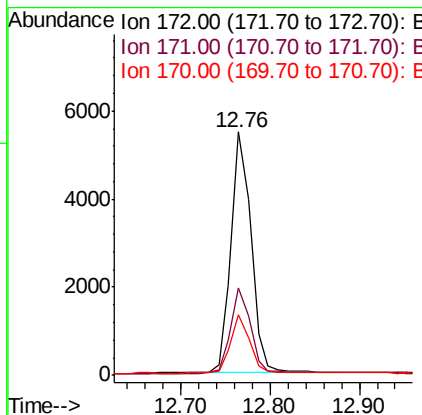
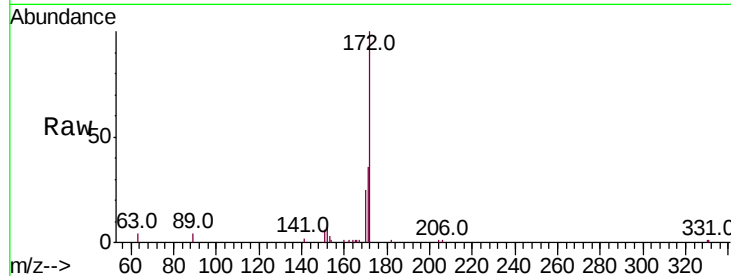




#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011012.D
Acq: 22 Jun 2020 16:52

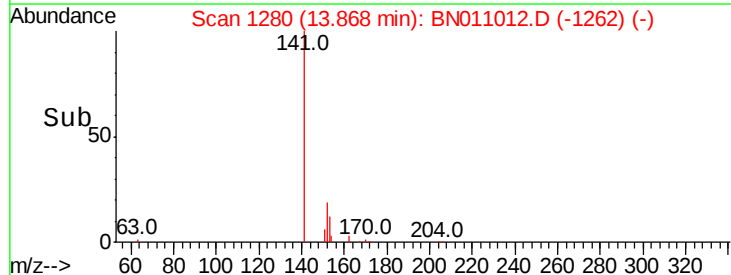
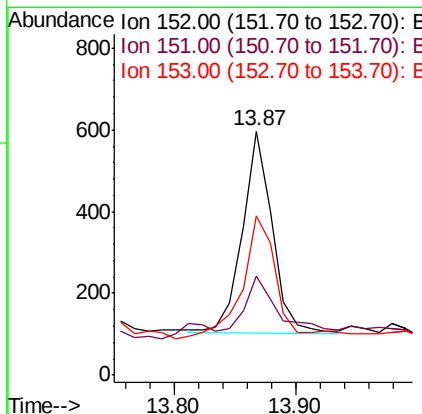
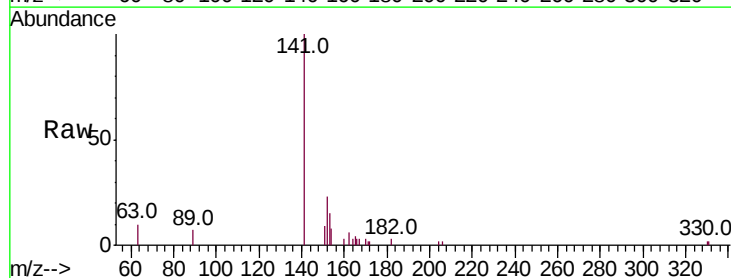
Instrument :
BNA_N
ClientSampleId :
SS043MW010-200615

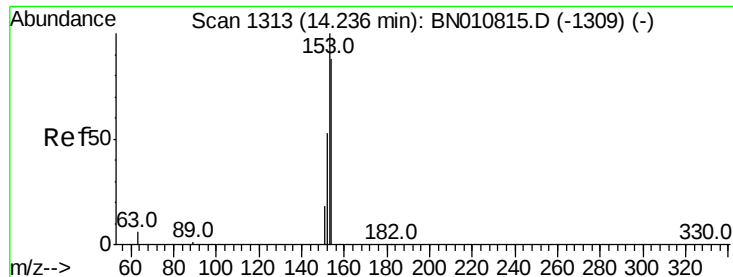
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.7	19.7	29.5



#16
Acenaphthylene
Concen: 0.040 ng
RT: 13.87 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN011012.D
Acq: 22 Jun 2020 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	29.6	15.6	23.4#
153	72.2	10.6	16.0#





#17

Acenaphthene

Concen: 8.557 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

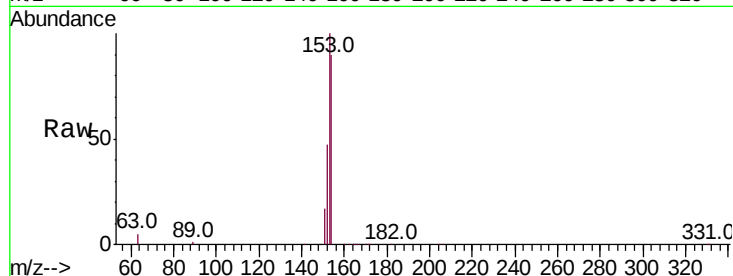
Tot Ion:154 Resp: 123035

Ion Ratio Lower Upper

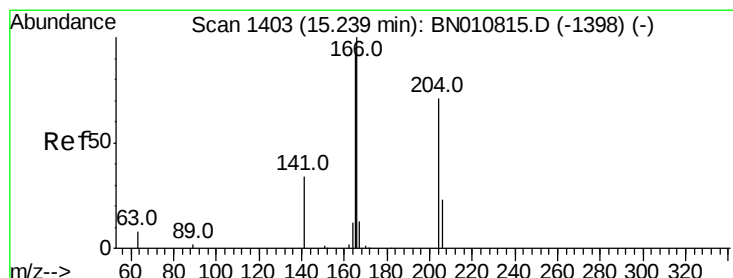
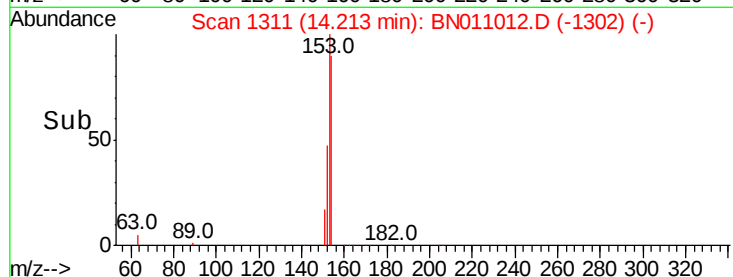
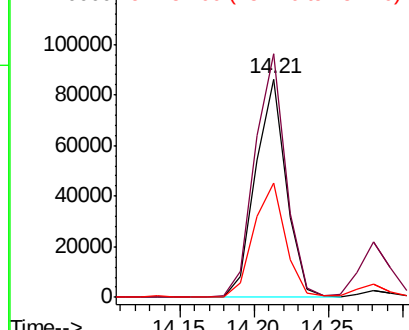
154 100

153 113.0 91.8 137.6

152 54.1 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: 6.208 ng

RT: 15.21 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

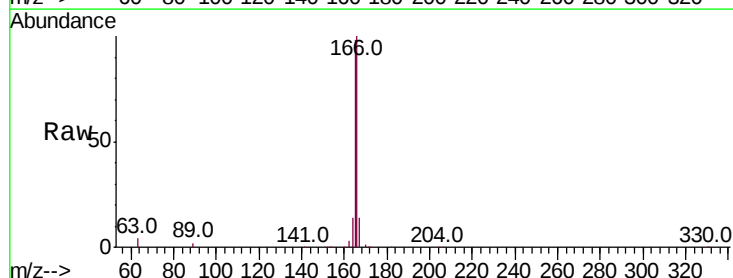
Tgt Ion:166 Resp: 115118

Ion Ratio Lower Upper

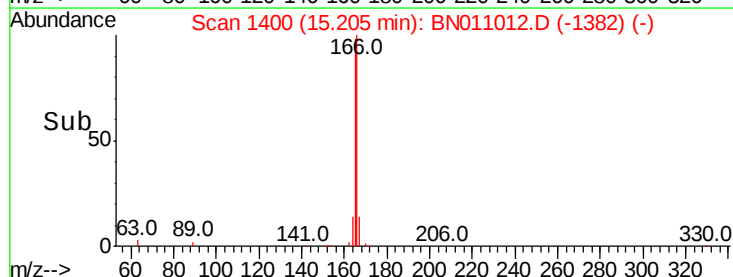
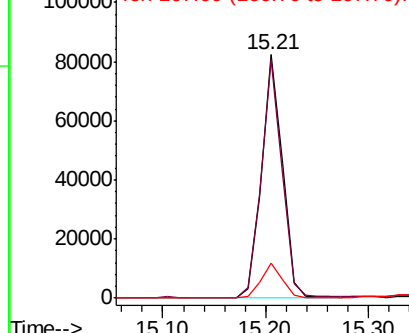
166 100

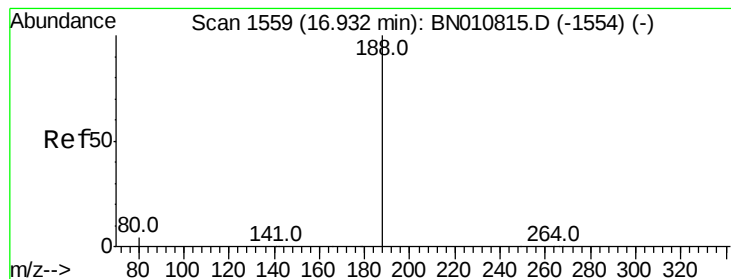
165 96.8 77.2 115.8

167 14.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

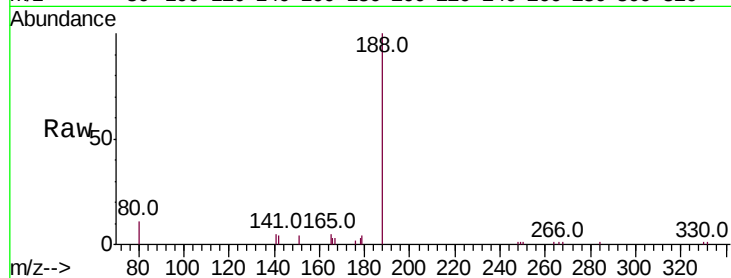
Tot Ion:188 Resp: 10640

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

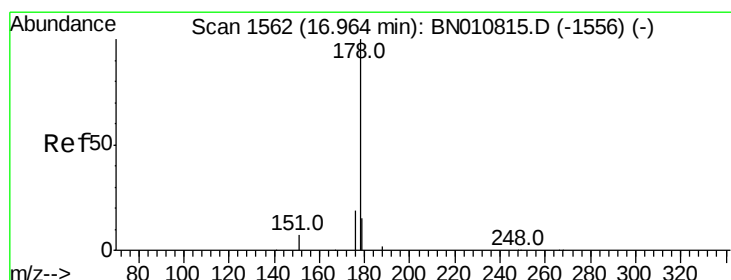
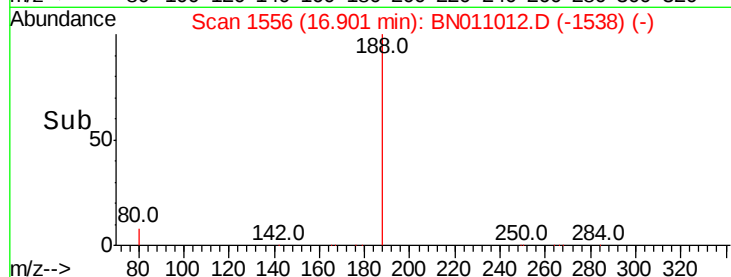
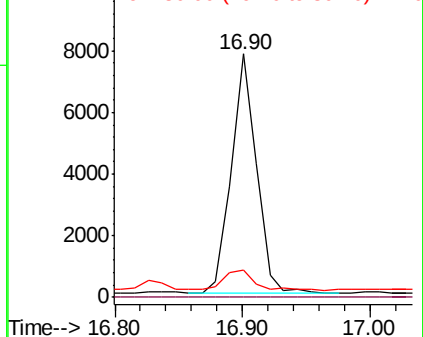
80 11.0 4.5 6.7#



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



#23

Phenanthrene

Concen: 5.226 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

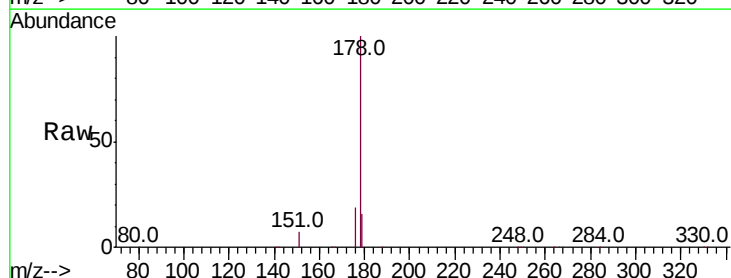
Tgt Ion:178 Resp: 151860

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

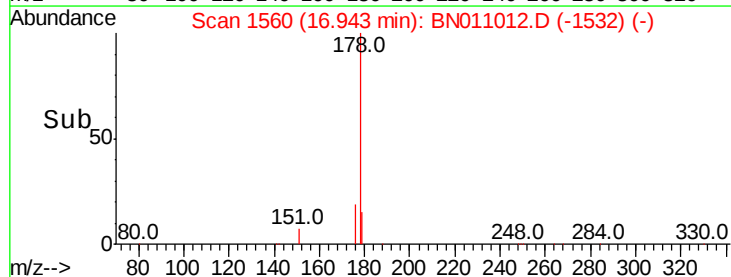
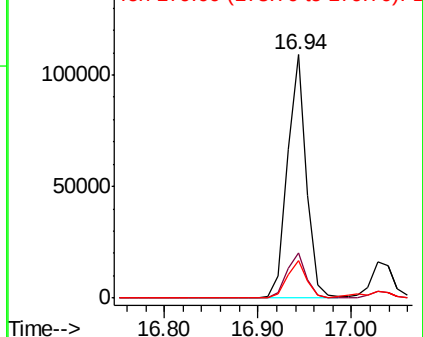
179 15.4 12.6 19.0

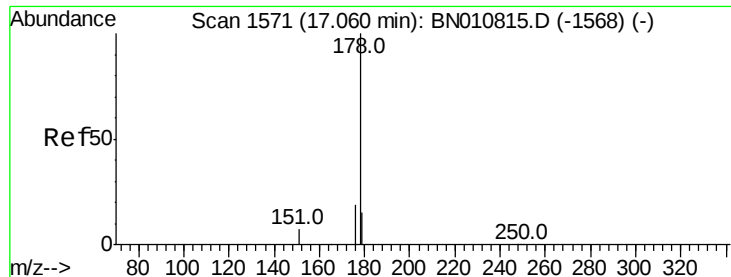


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.986 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

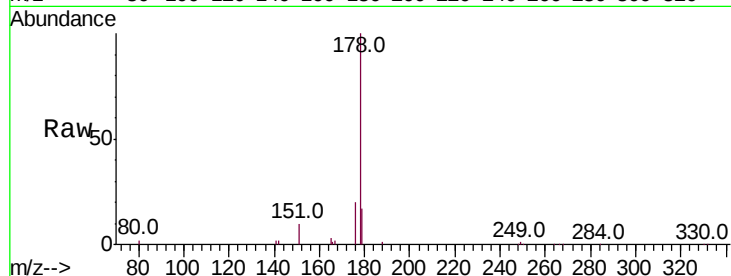
Tot Ion:178 Resp: 23918

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

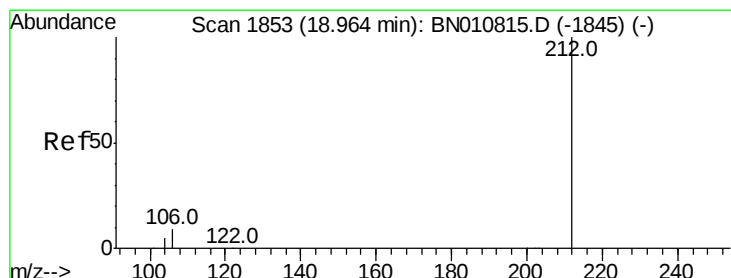
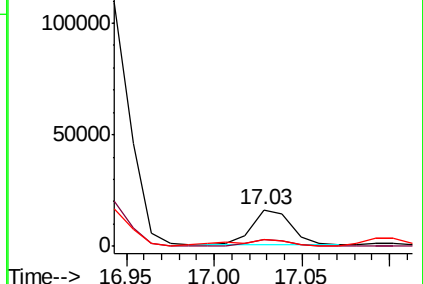
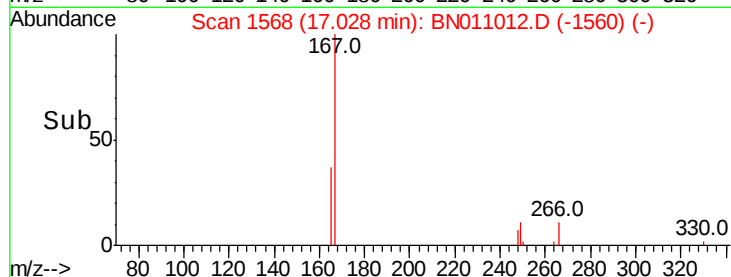
179 22.8 12.3 18.5#



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: 0.388 ng

RT: 18.94 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

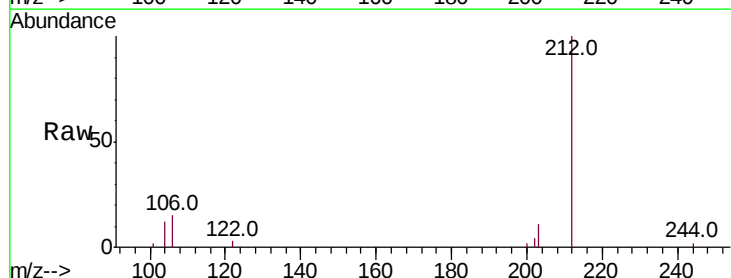
Tgt Ion:212 Resp: 11395

Ion Ratio Lower Upper

212 100

106 19.1 6.6 10.0#

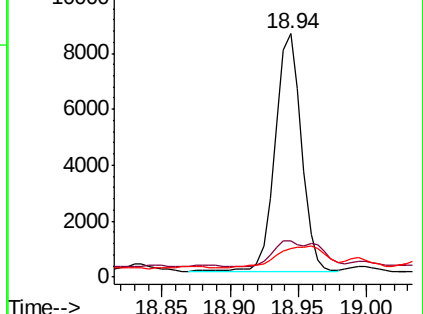
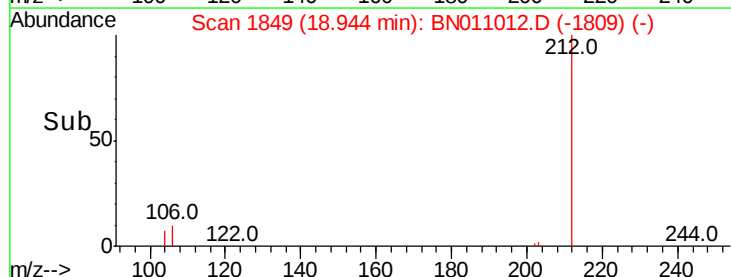
104 16.6 4.0 6.0#

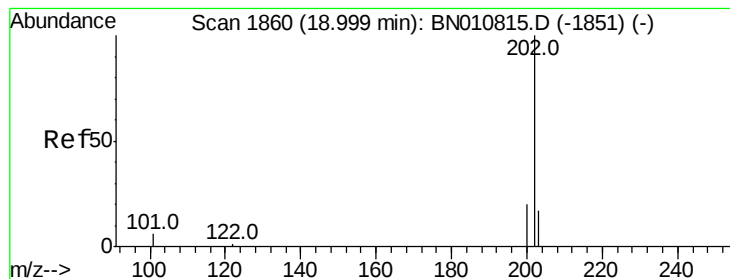


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.667 ng

RT: 18.97 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

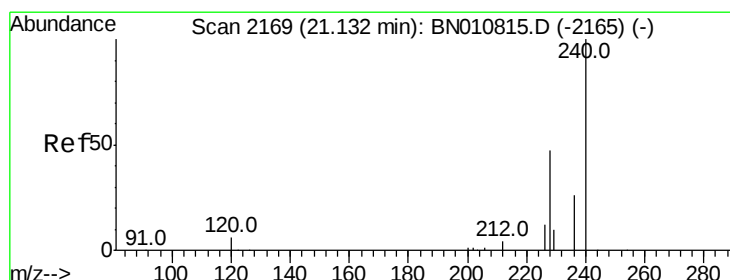
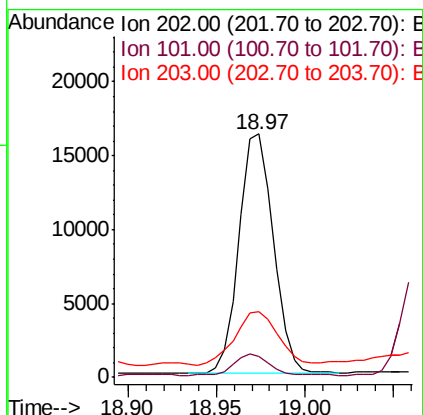
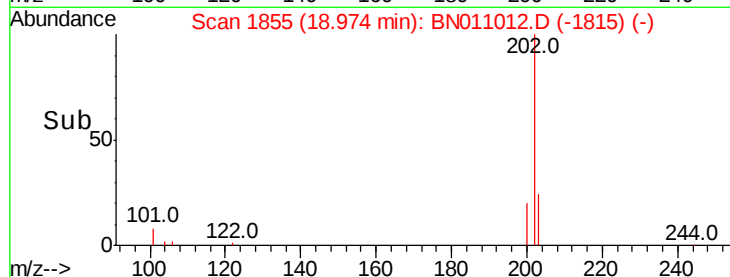
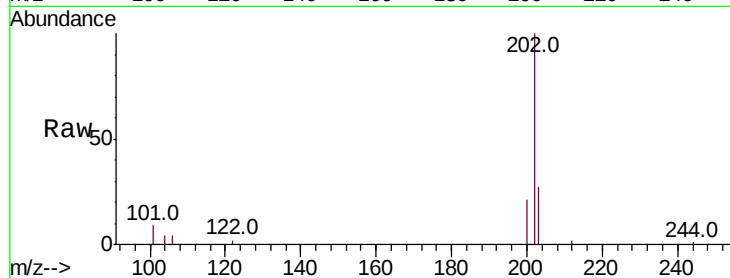
Tot Ion:202 Resp: 22019

Ion Ratio Lower Upper

202 100

101 8.9 5.8 8.6#

203 29.6 13.7 20.5#



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

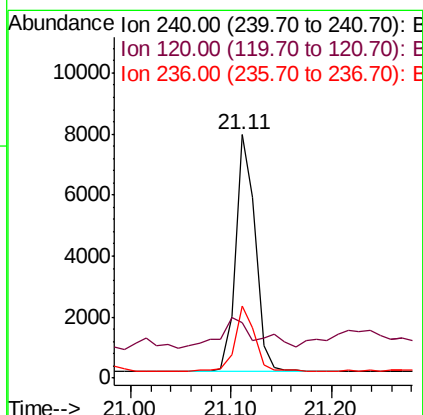
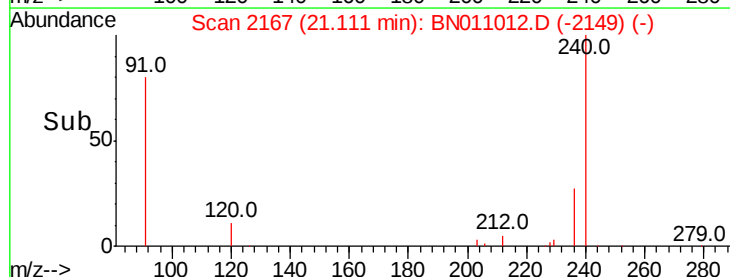
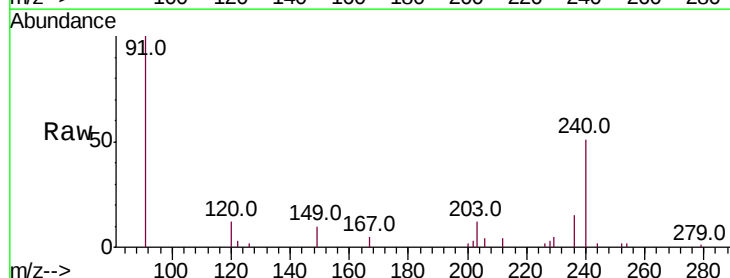
Tgt Ion:240 Resp: 10619

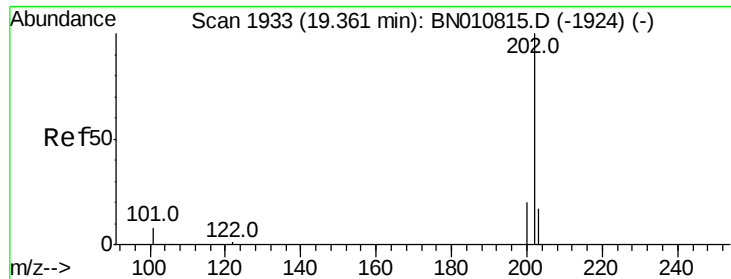
Ion Ratio Lower Upper

240 100

120 22.9 7.5 11.3#

236 29.8 22.3 33.5

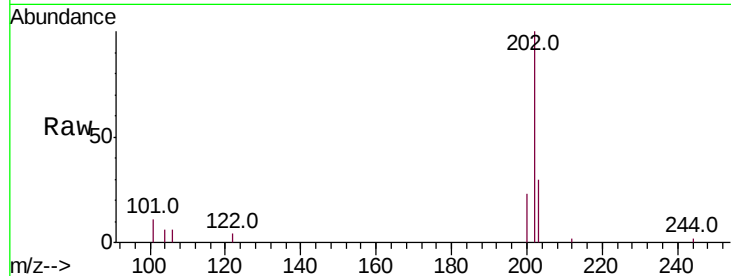




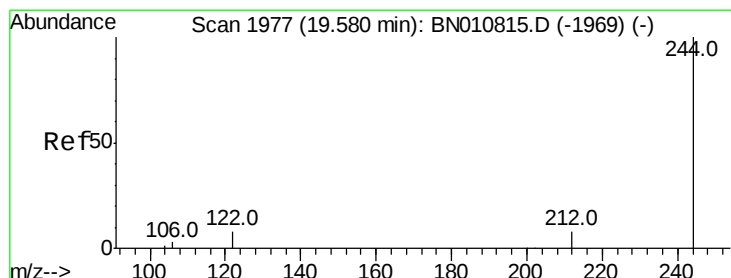
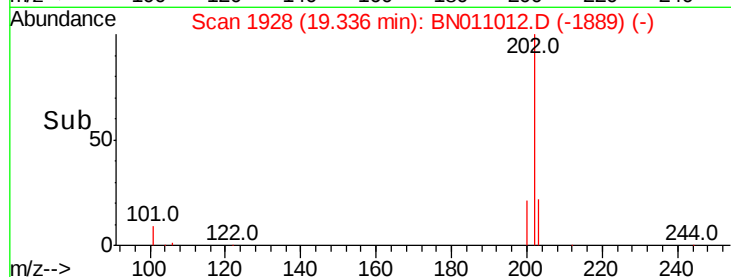
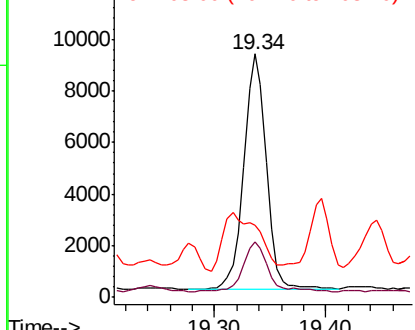
#28
Pvrene
Concen: 0.361 ng
RT: 19.34 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BN011012.D
Acq: 22 Jun 2020 16:52

Instrument :
BNA_N
ClientSampleId :
SS043MW010-200615

Tot Ion:202 Resp: 12694
Ion Ratio Lower Upper
202 100
200 23.3 16.4 24.6
203 39.0 14.2 21.4#

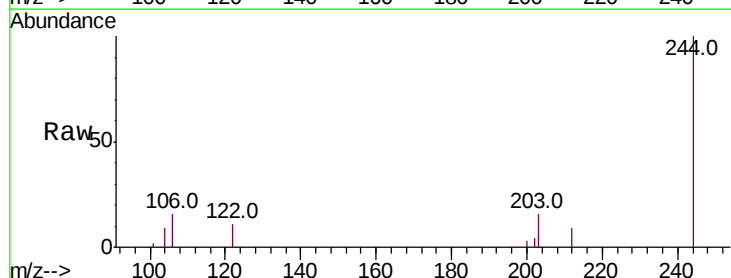


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

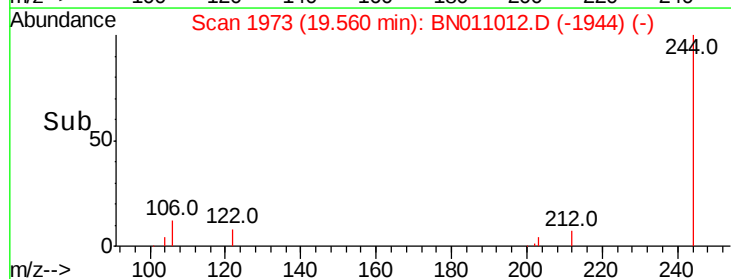
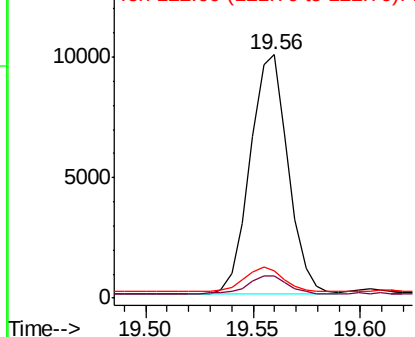


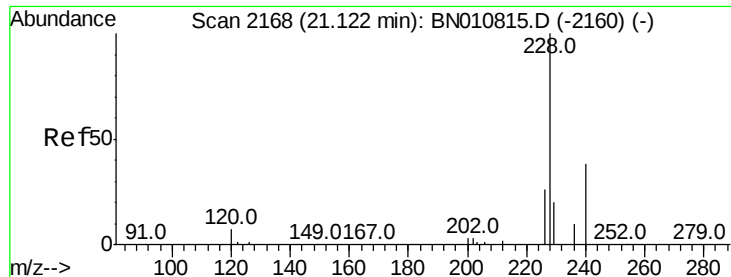
#29
Terphenyl-d14
Concen: 0.496 ng
RT: 19.56 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BN011012.D
Acq: 22 Jun 2020 16:52

Tgt Ion:244 Resp: 12334
Ion Ratio Lower Upper
244 100
212 9.2 7.4 11.2
122 11.1 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





#30

Benzo(a)anthracene

Concen: 0.025 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

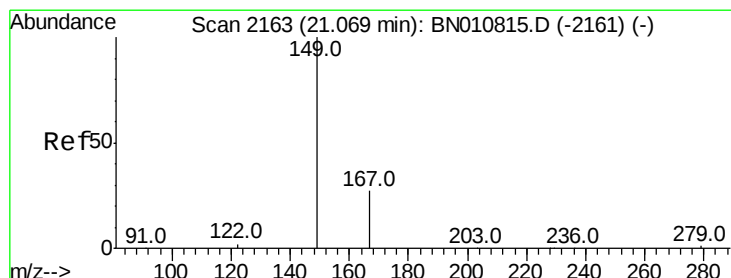
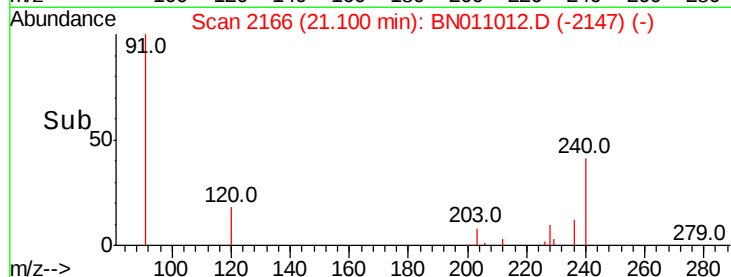
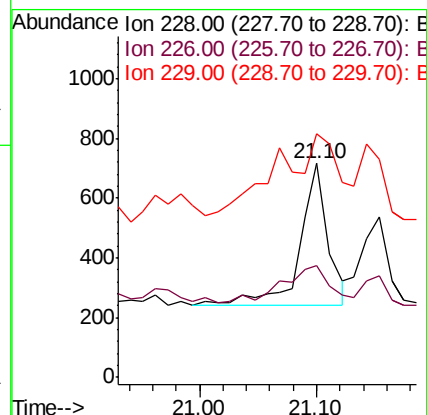
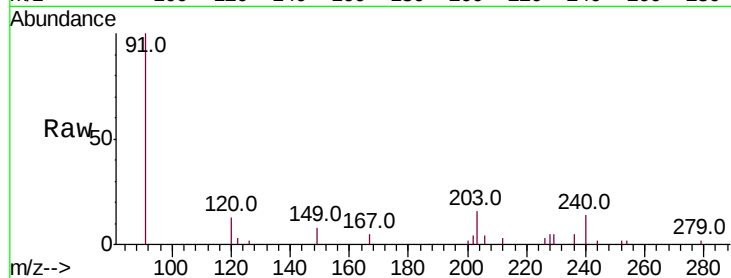
Tot Ion:228 Resp: 782

Ion Ratio Lower Upper

228 100

226 52.4 21.3 31.9#

229 113.8 16.6 24.8#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.384 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

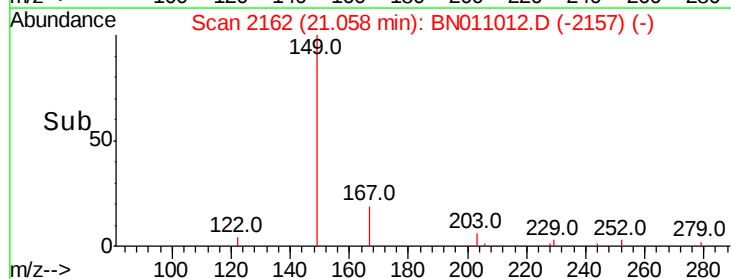
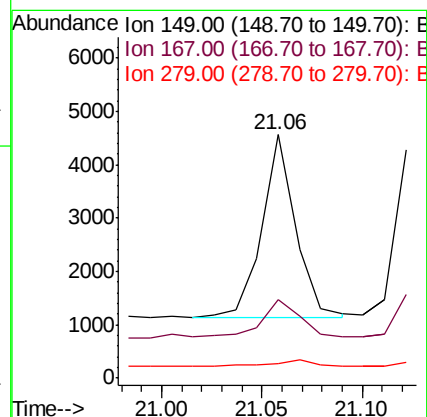
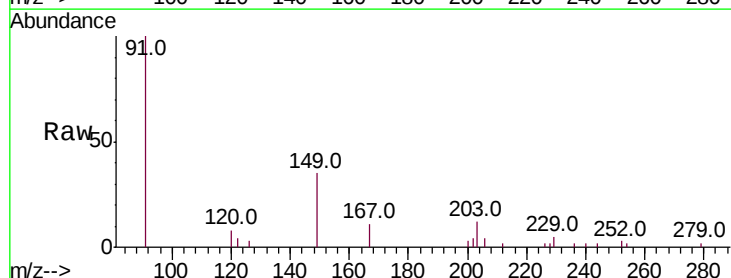
Tgt Ion:149 Resp: 4000

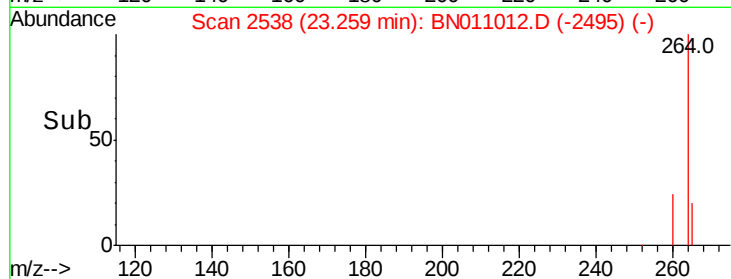
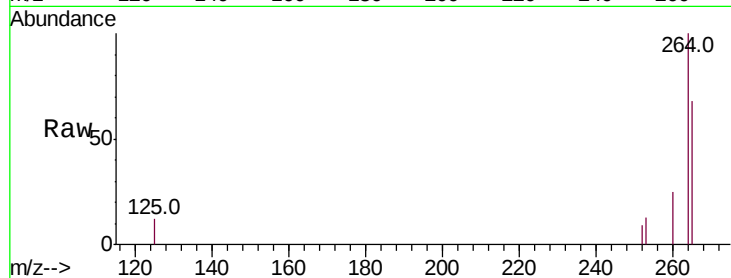
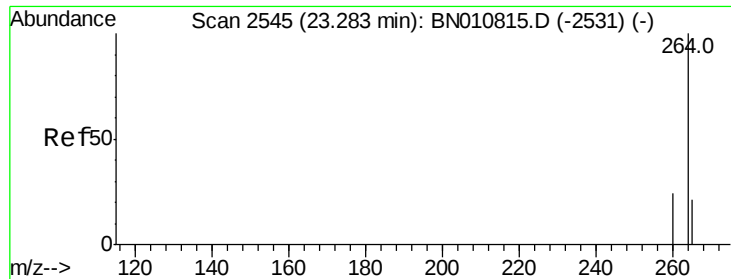
Ion Ratio Lower Upper

149 100

167 23.1 24.1 36.1#

279 4.3 4.6 7.0#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN011012.D

Acq: 22 Jun 2020 16:52

Instrument :

BNA_N

ClientSampleId :

SS043MW010-200615

Tot Ion:264 Resp: 11438

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

265 67.5 75.0 112.4#

