

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
 Data File : BN010908.D
 Acq On : 16 Jun 2020 15:54
 Operator : CG/JU
 Sample : L3011-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20200611

Quant Time: Jun 16 16:25:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

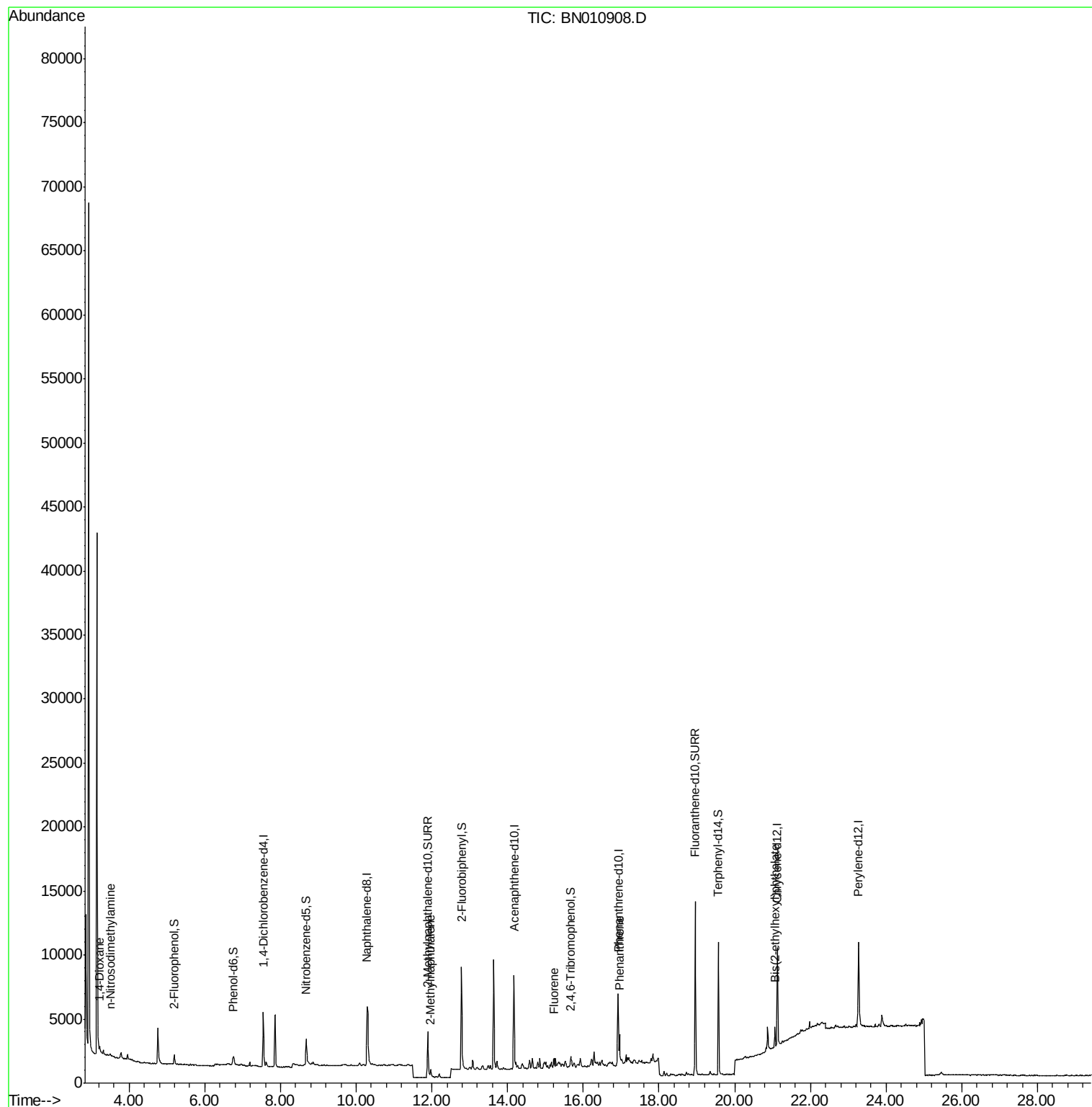
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2299	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7931	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	4424	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9038	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8878	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9131	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	862	0.19	ng	0.00
5) Phenol-d6	6.74	99	640	0.12	ng	0.00
8) Nitrobenzene-d5	8.68	82	2497	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5859	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	619	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	8340	0.48	ng	0.00
25) Fluoranthene-d10	18.95	212	16127	0.65	ng	0.00
29) Terphenyl-d14	19.57	244	11442	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	387	0.172	ng	# 49
3) n-Nitrosodimethylamine	3.50	42	81	0.062	ng	# 1
12) 2-Methylnaphthalene	11.97	142	479	0.036	ng	# 94
18) Fluorene	15.23	166	433	0.027	ng	# 84
23) Phenanthrene	16.95	178	2888	0.117	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	1368	0.157	ng	97

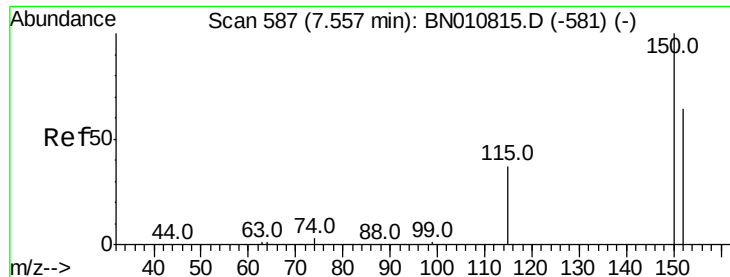
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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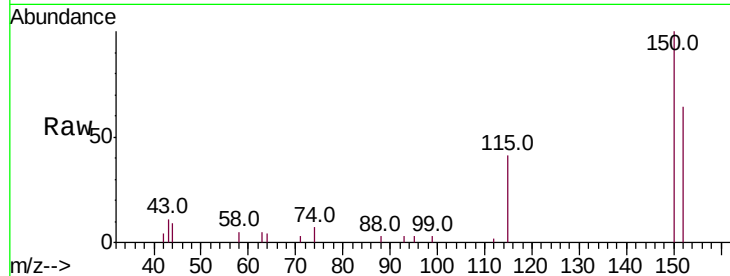


#1

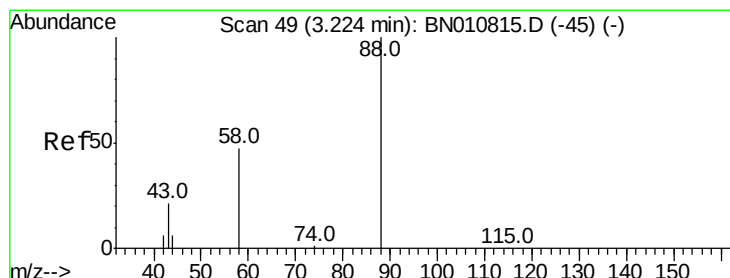
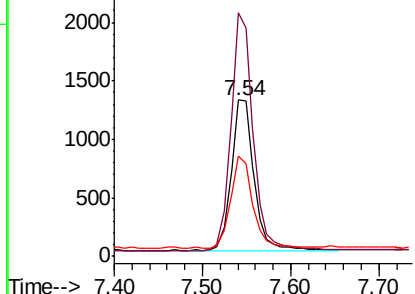
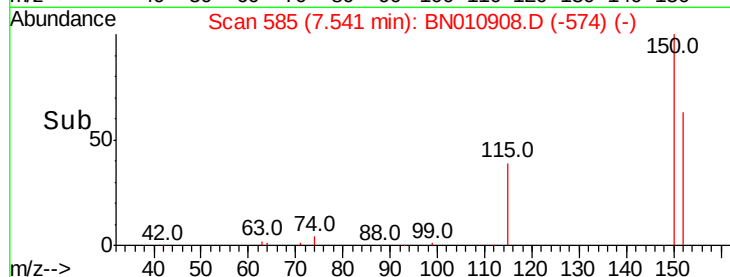
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010908.D
Acq: 16 Jun 2020 15:54

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611

Tot Ion:152 Resp: 2299
Ion Ratio Lower Upper
152 100
150 155.6 123.8 185.6
115 64.3 49.2 73.8



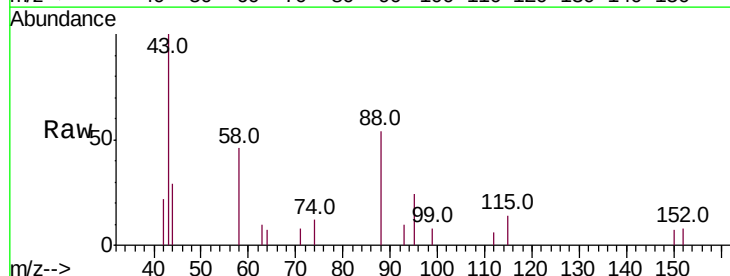
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



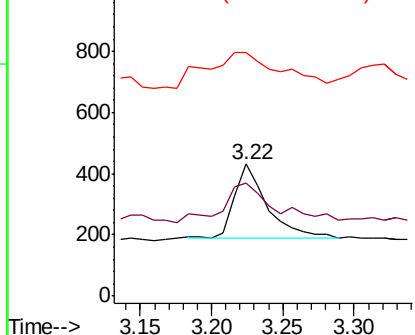
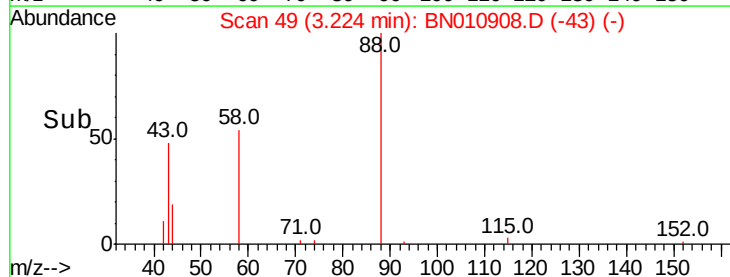
#2

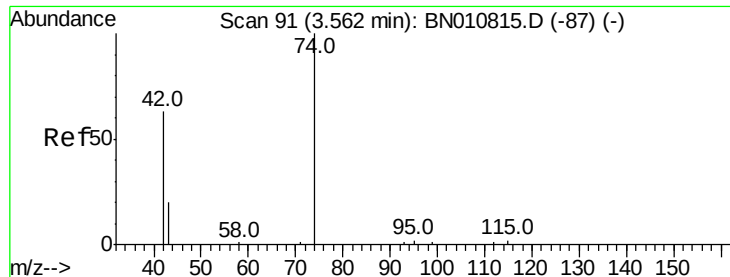
1,4-Dioxane
Concen: 0.172 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010908.D
Acq: 16 Jun 2020 15:54

Tgt Ion: 88 Resp: 387
Ion Ratio Lower Upper
88 100
58 66.7 38.2 57.4#
43 68.5 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



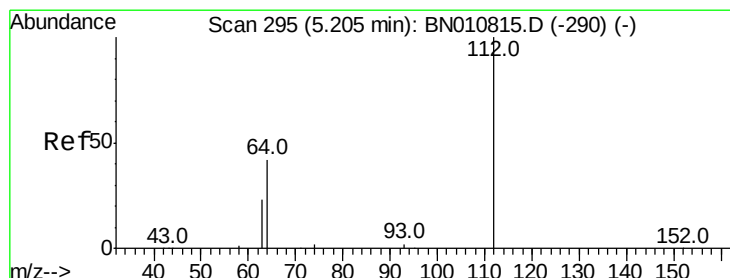
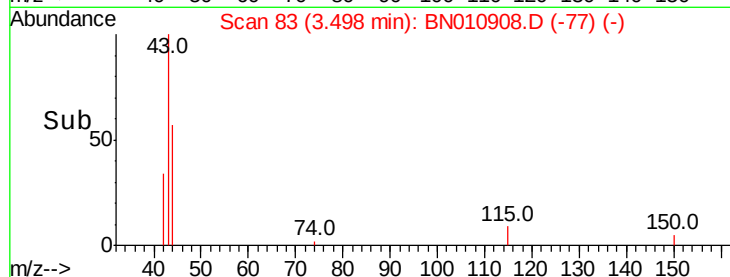
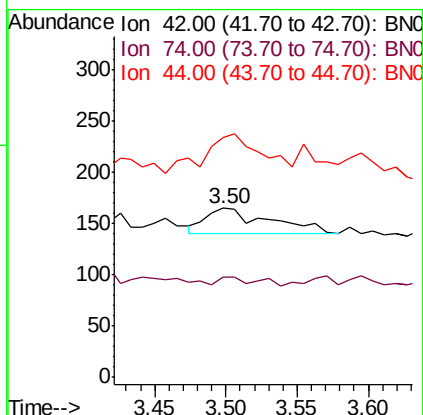
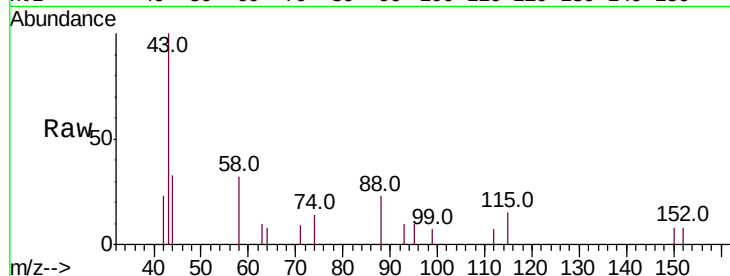


#3

n-Nitrosodimethylamine
 Concen: 0.062 ng
 RT: 3.50 min Scan# 83
 Delta R.T. -0.05 min
 Lab File: BN010908.D
 Acq: 16 Jun 2020 15:54

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20200611

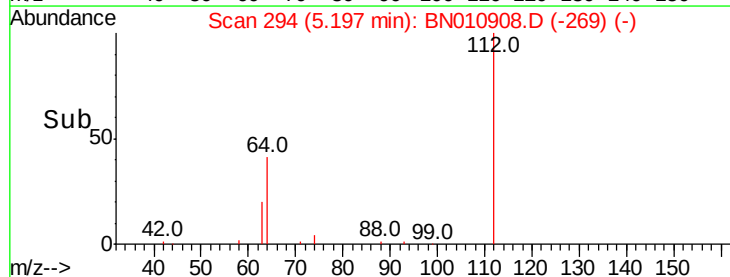
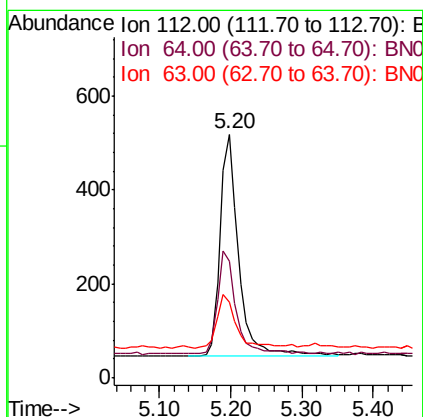
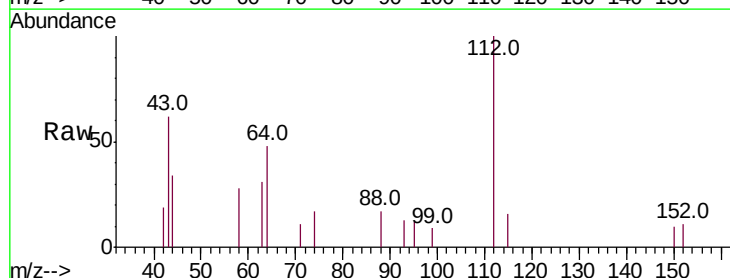
Tot Ion: 42 Resp: 81
 Ion Ratio Lower Upper
 42 100
 74 19.8 140.7 211.1#
 44 138.3 1.4 2.2#

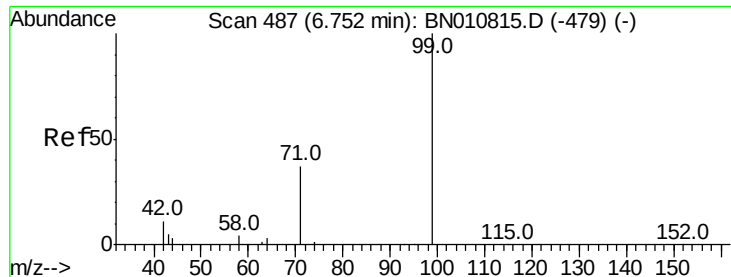


#4

2-Fluorophenol
 Concen: 0.194 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN010908.D
 Acq: 16 Jun 2020 15:54

Tgt Ion: 112 Resp: 862
 Ion Ratio Lower Upper
 112 100
 64 45.1 37.4 56.0
 63 24.1 22.2 33.4





#5

Phenol-d6

Concen: 0.122 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611

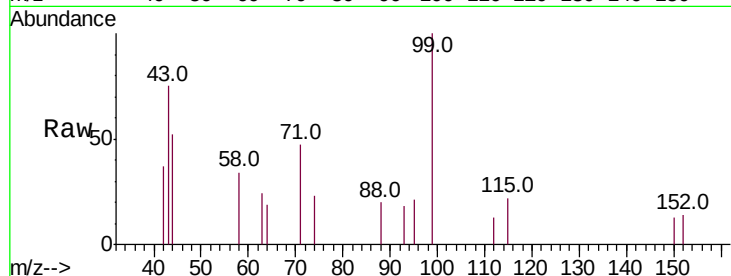
Tot Ion: 99 Resp: 640

Ion Ratio Lower Upper

99 100

42 19.5 11.1 16.7#

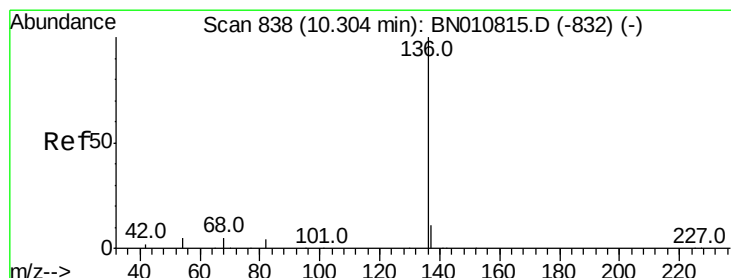
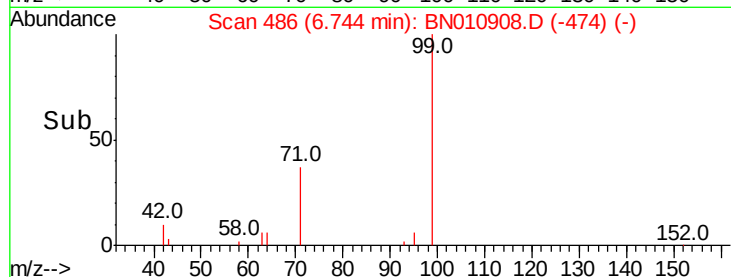
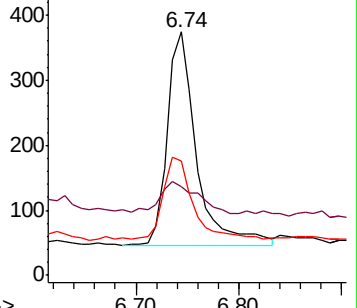
71 40.5 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

Tgt Ion: 136 Resp: 7931

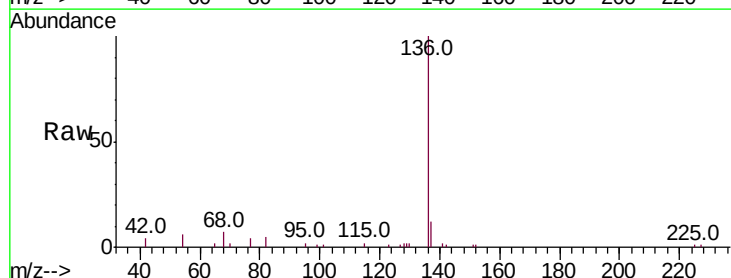
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 5.9 4.9 7.3

68 6.9 4.7 7.1

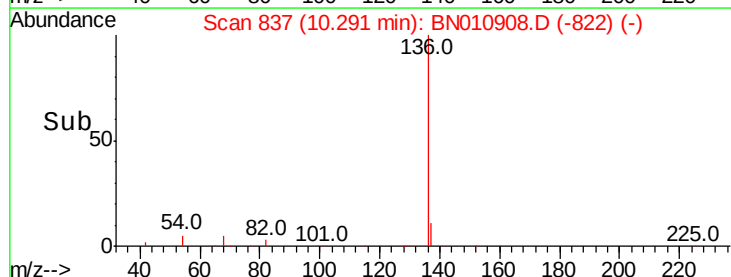
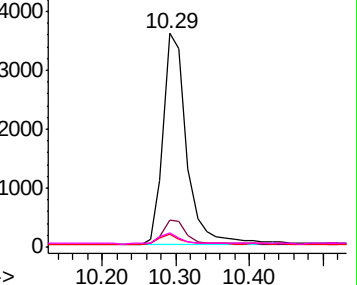


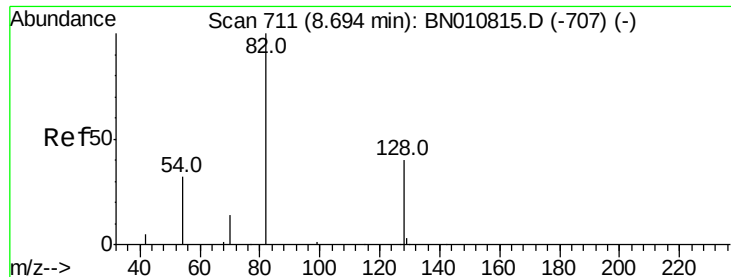
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

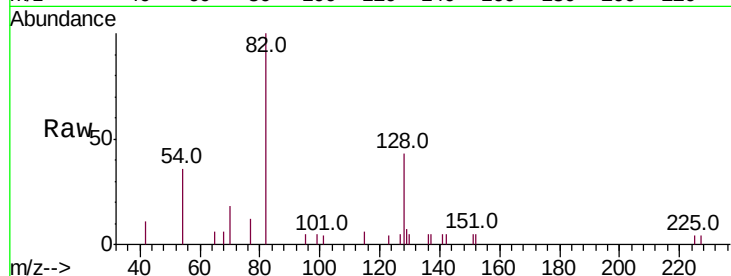




#8
 Nitrobenzene-d5
 Concen: 0.425 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BN010908.D
 Acq: 16 Jun 2020 15:54

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20200611

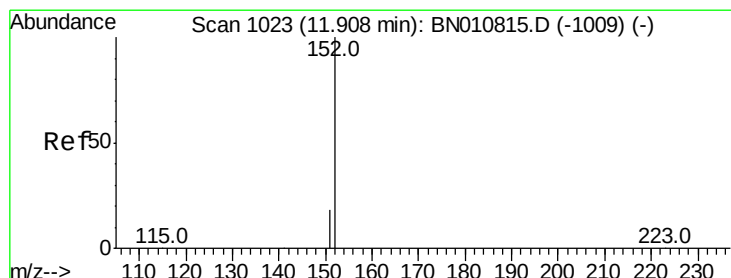
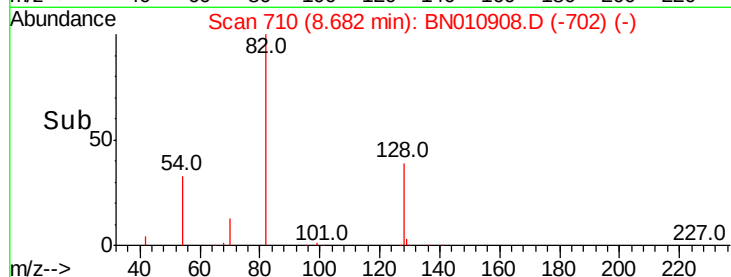
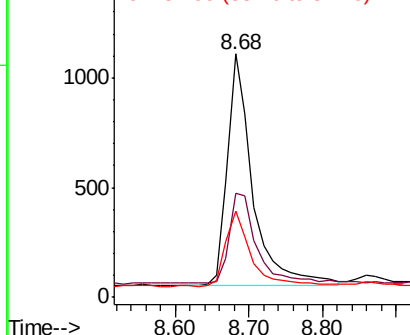
Tot Ion	82	Resp	2497
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.4	53.0
54	35.5	28.2	42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010908.D (-975) (-)

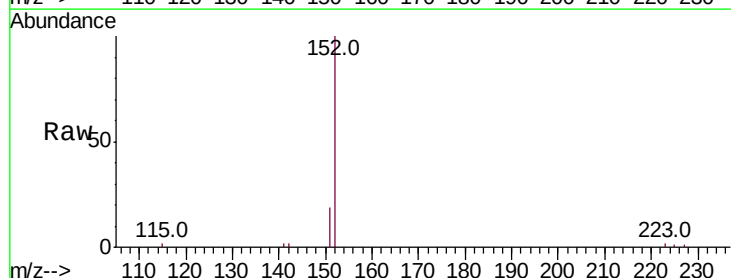
Ion 128.00 (127.70 to 128.70): BN010908.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BN010908.D (-975) (-)



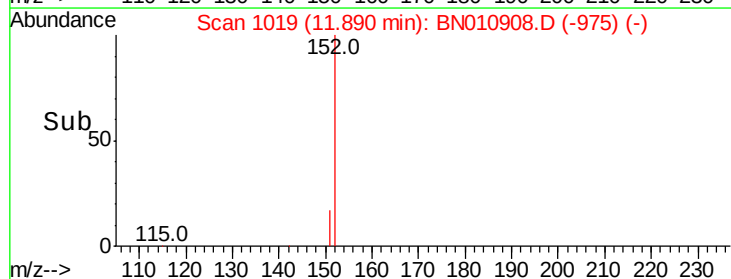
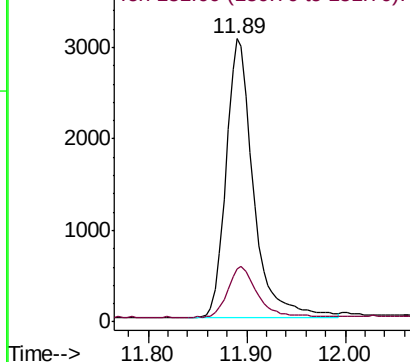
#11
 2-Methylnaphthalene-d10
 Concen: 0.476 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN010908.D
 Acq: 16 Jun 2020 15:54

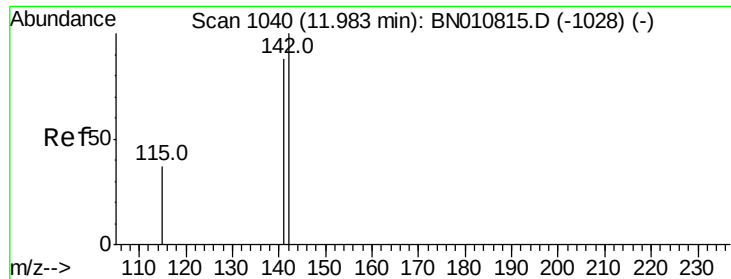
Tgt Ion	152	Resp	5859
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010908.D (-975) (-)

Ion 151.00 (150.70 to 151.70): BN010908.D (-975) (-)

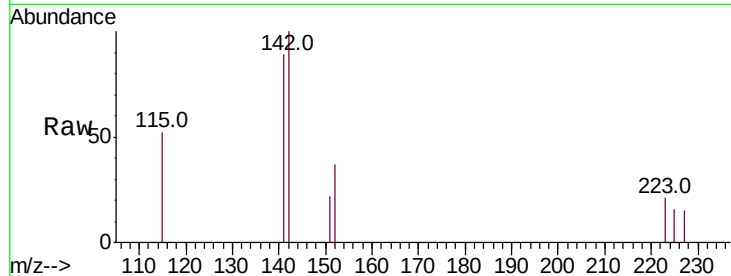




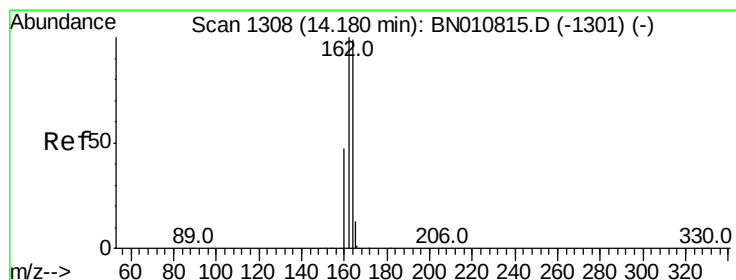
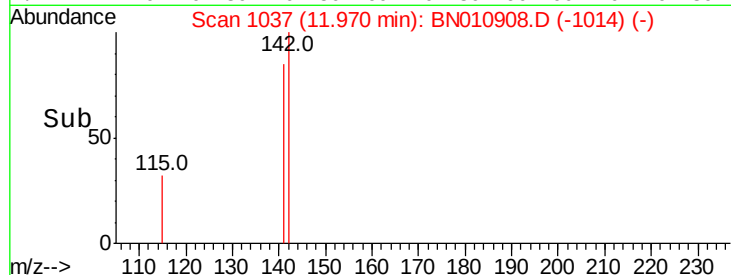
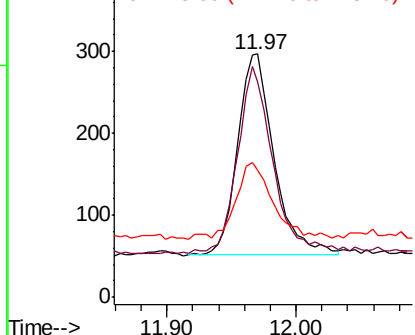
#12
2-Methylnaphthalene
Concen: 0.036 ng
RT: 11.97 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BN010908.D
Acq: 16 Jun 2020 15:54

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611

Tot Ion:142 Resp: 479
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 52.2 31.5 47.3#

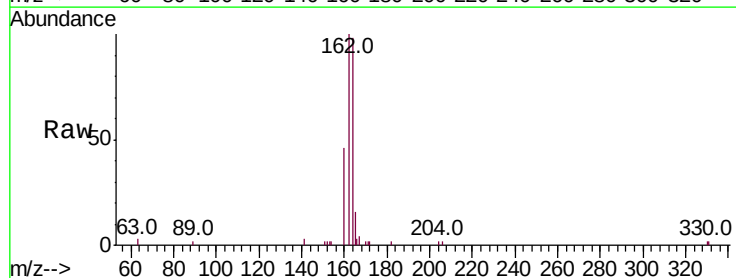


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

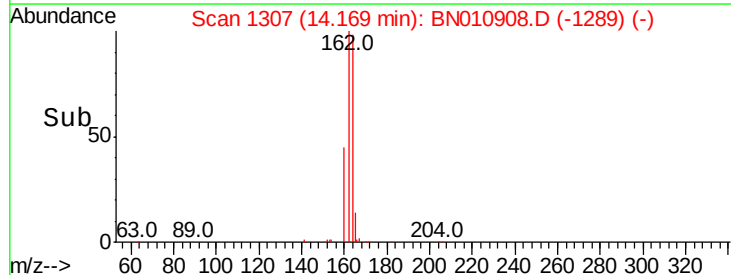
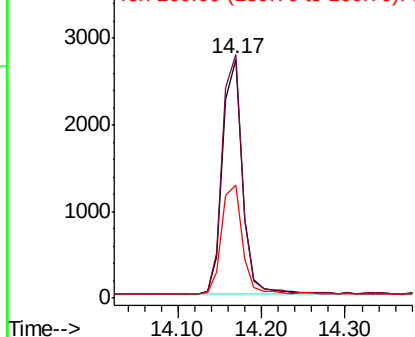


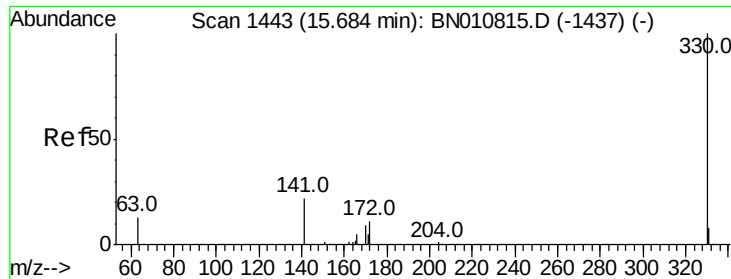
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN010908.D
Acq: 16 Jun 2020 15:54

Tgt Ion:164 Resp: 4424
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.6
160 47.4 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

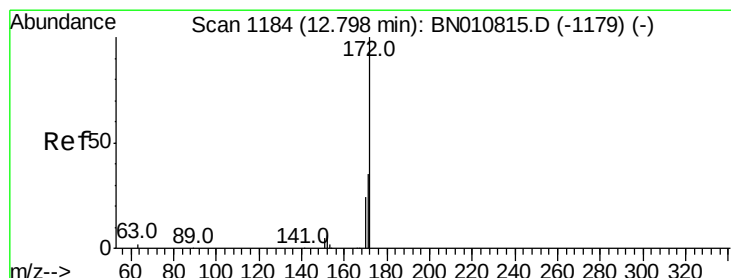
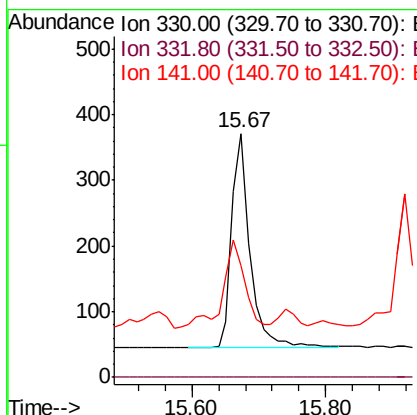
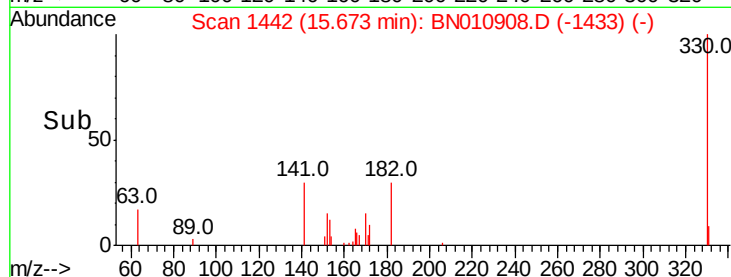
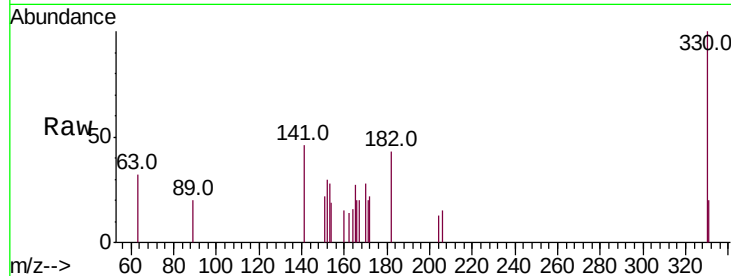




#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.67 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN010908.D
Acq: 16 Jun 2020 15:54

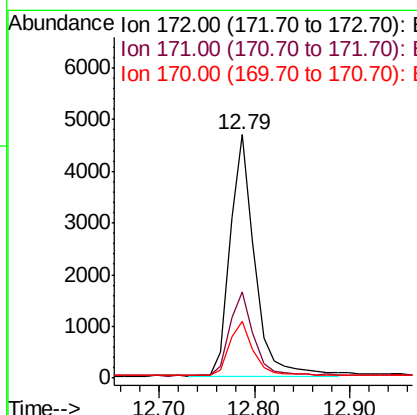
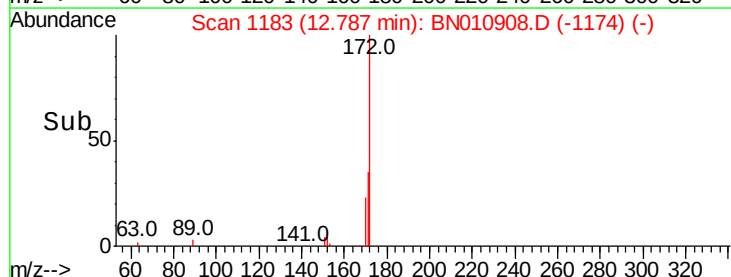
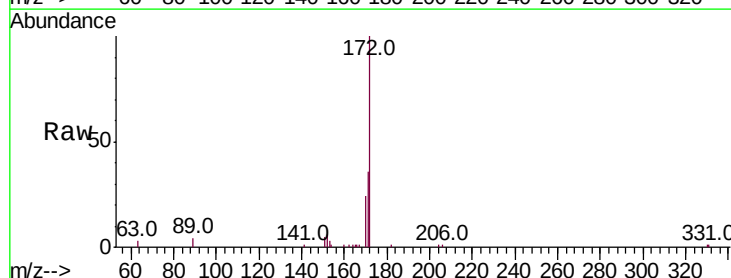
Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611

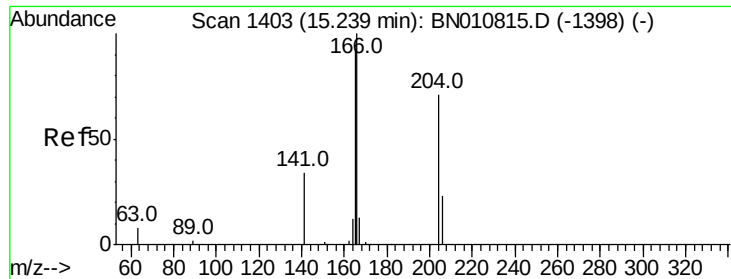
Tot Ion:330 Resp: 619
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.2 33.2 49.8



#15
2-Fluorobiphenyl
Concen: 0.478 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010908.D
Acq: 16 Jun 2020 15:54

Tgt Ion:172 Resp: 8340
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 19.7 29.5





#18

Fluorene

Concen: 0.027 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611

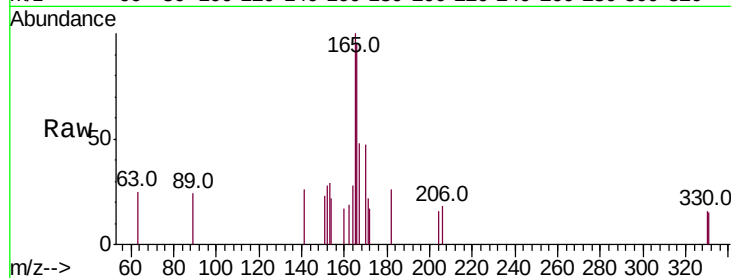
Tot Ion:166 Resp: 433

Ion Ratio Lower Upper

166 100

165 83.8 77.2 115.8

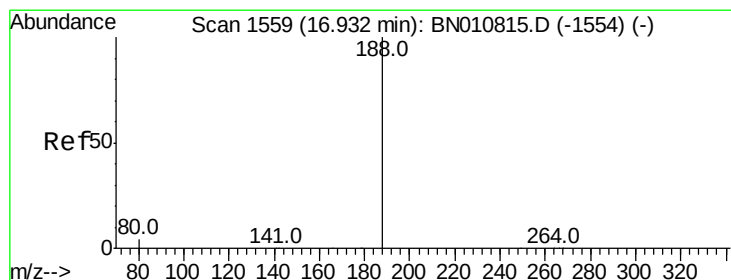
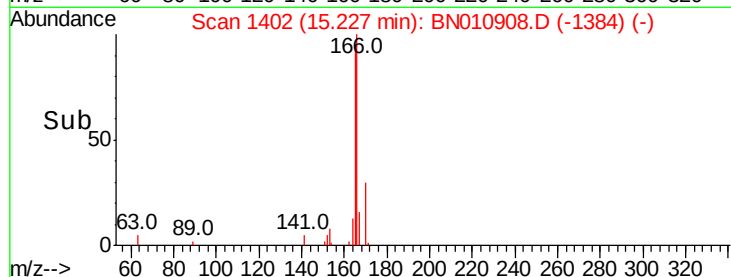
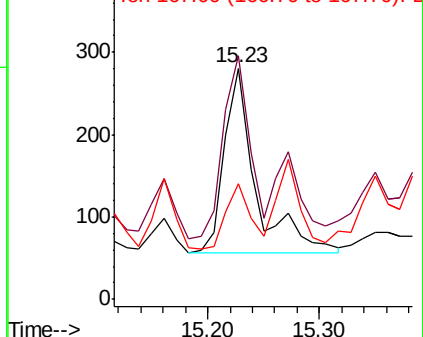
167 27.9 10.7 16.1#



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: 16.92 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

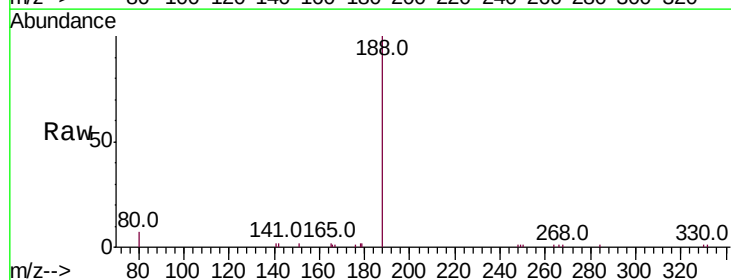
Tgt Ion:188 Resp: 9038

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

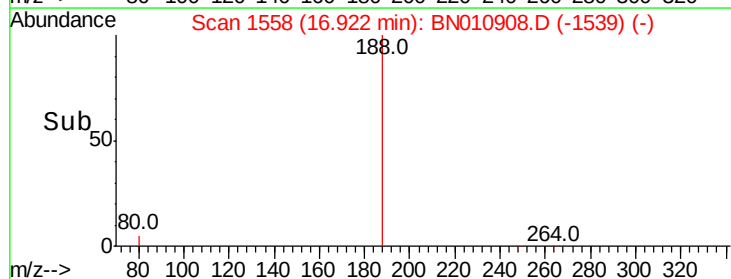
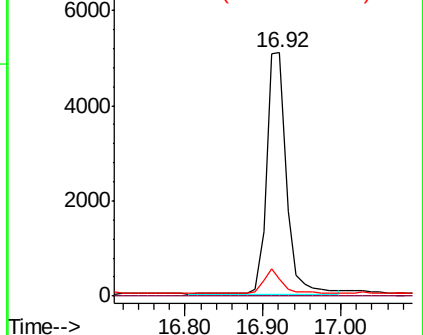
80 6.9 4.5 6.7#

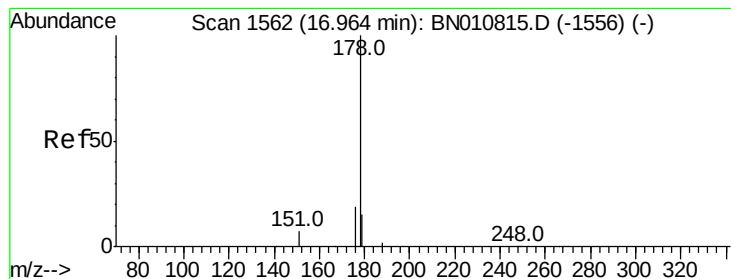


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.117 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611

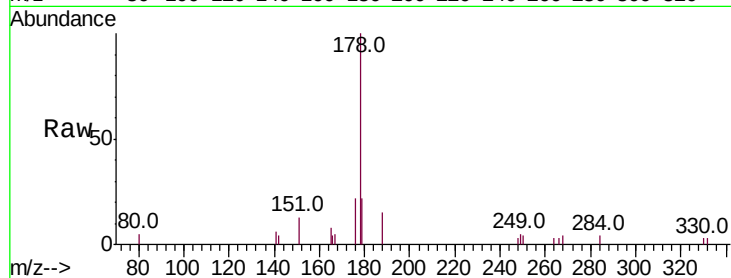
Tot Ion:178 Resp: 2888

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

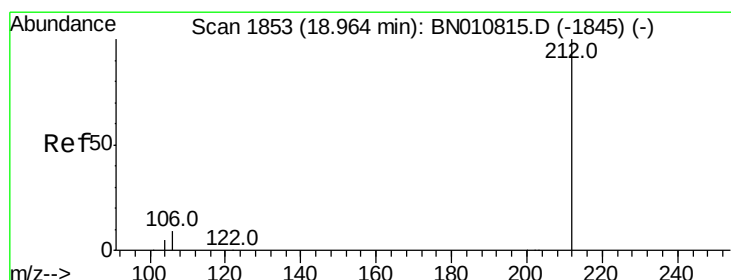
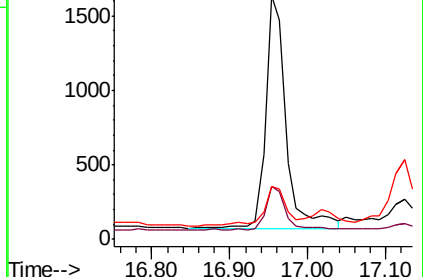
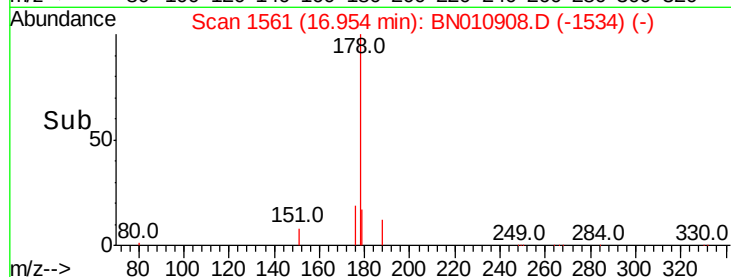
179 17.9 12.6 19.0



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



#25

Fluoranthene-d10

Concen: 0.647 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

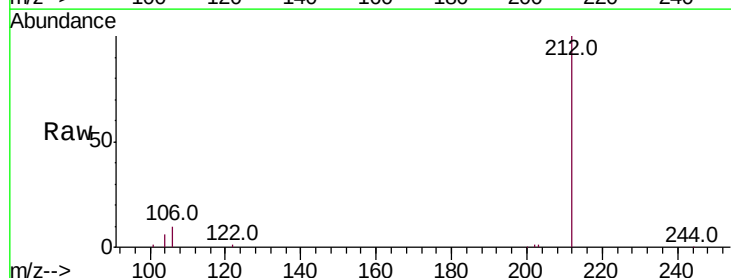
Tgt Ion:212 Resp: 16127

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

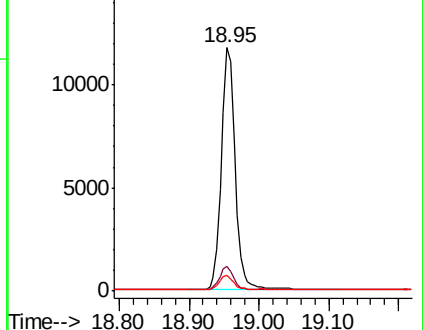
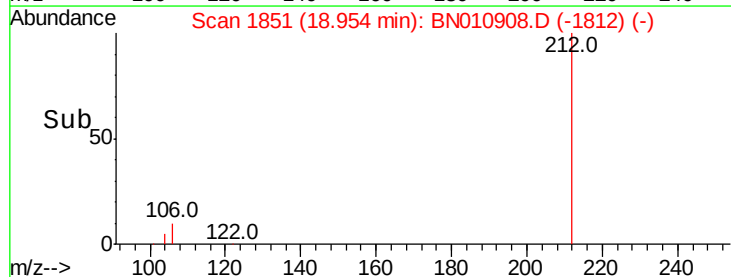
104 5.7 4.0 6.0

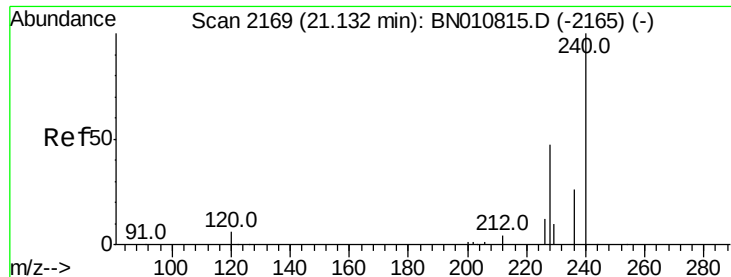


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611

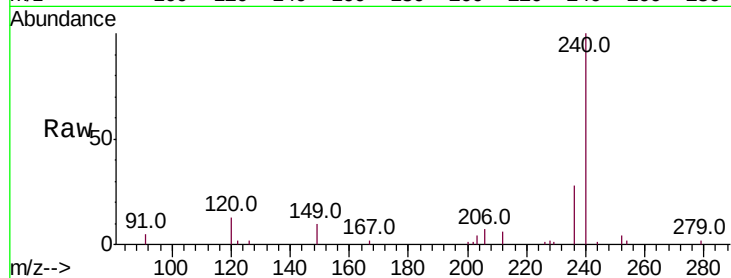
Tot Ion:240 Resp: 8878

Ion Ratio Lower Upper

240 100

120 13.2 7.5 11.3#

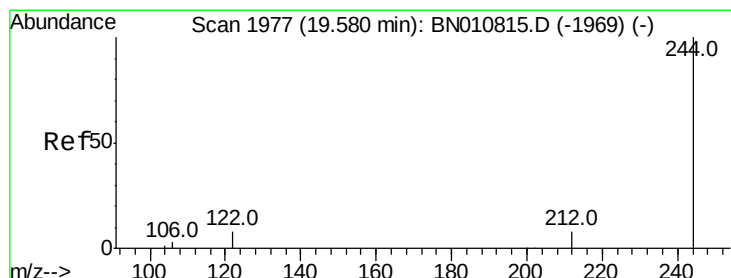
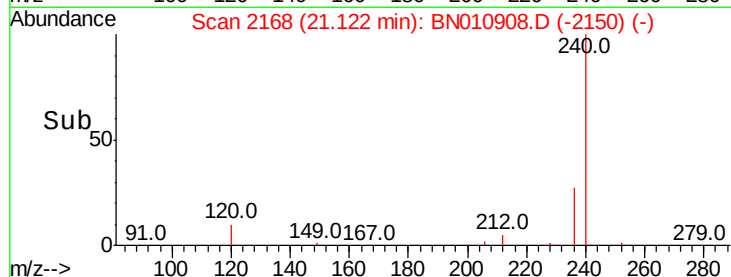
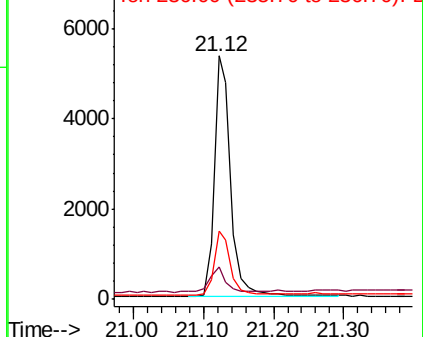
236 28.2 22.3 33.5



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: 0.551 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

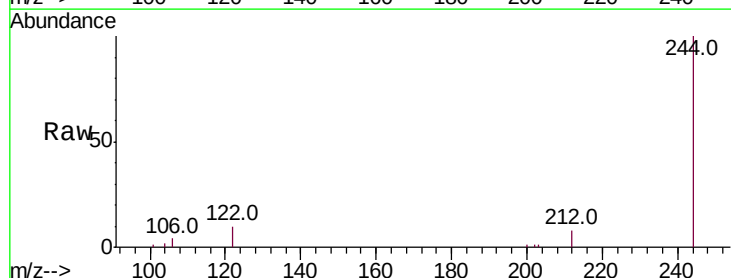
Tgt Ion:244 Resp: 11442

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

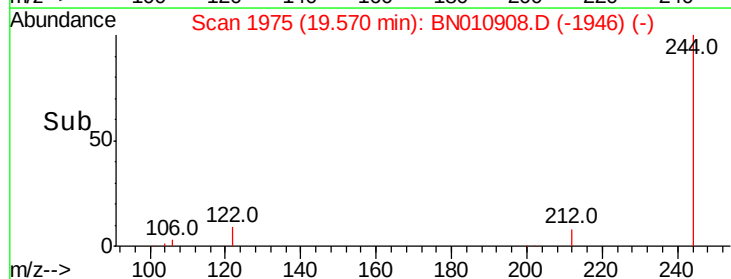
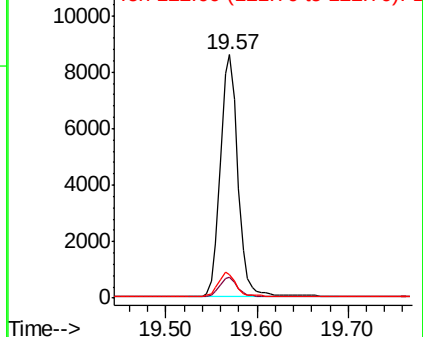
122 9.9 7.5 11.3

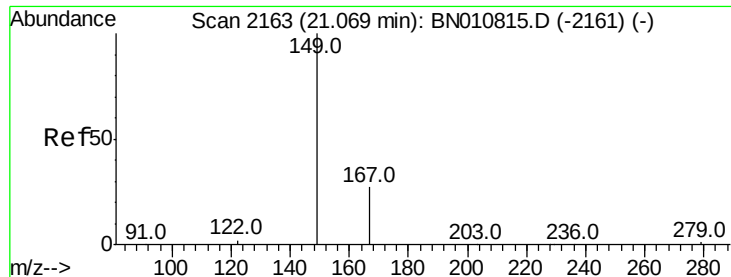


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.157 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611

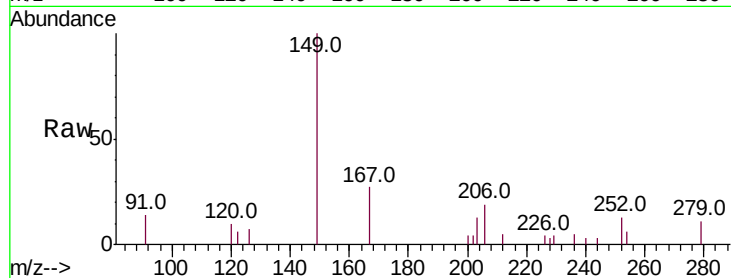
Tot Ion:149 Resp: 1368

Ion Ratio Lower Upper

149 100

167 28.6 24.1 36.1

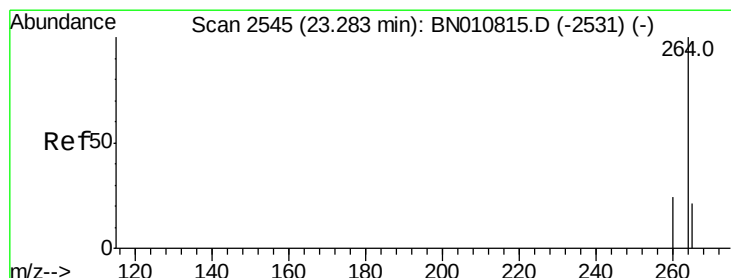
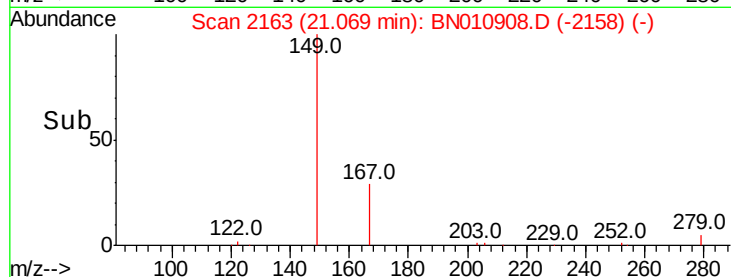
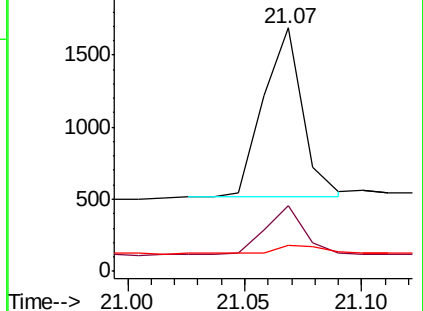
279 5.3 4.6 7.0



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: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010908.D

Acq: 16 Jun 2020 15:54

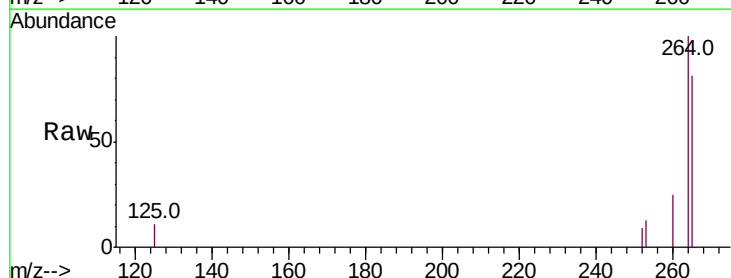
Tgt Ion:264 Resp: 9131

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 80.8 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

