

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010811.D
 Acq On : 10 Jun 2020 10:27
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 10 13:45:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 13:41:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2757	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	9314	0.40	ng	0.01
13) Acenaphthene-d10	14.18	164	5297	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	11136	0.40	ng	0.00
27) Chrysene-d12	21.13	240	8586	0.40	ng	0.00
34) Perylene-d12	23.29	264	8470	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	519	0.09	ng	0.00
5) Phenol-d6	6.75	99	590	0.09	ng	0.00
8) Nitrobenzene-d5	8.71	82	563	0.08	ng	0.01
11) 2-Methylnaphthalene-d10	11.92	152	1354	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	171	0.09	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	1902	0.09	ng	0.01
25) Fluoranthene-d10	18.97	212	2658	0.09	ng	0.00
29) Terphenyl-d14	19.58	244	2076	0.11	ng	0.00

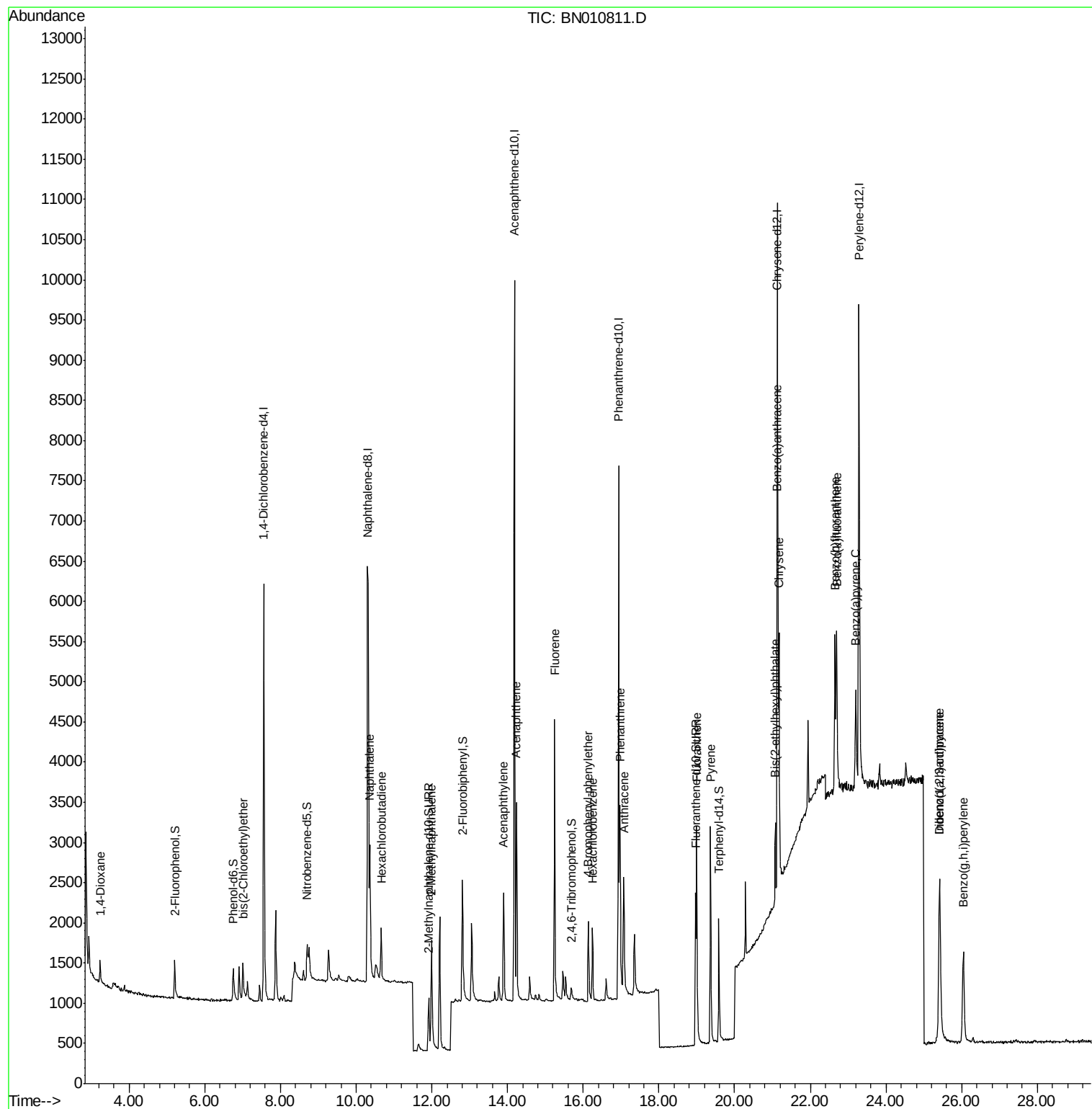
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	273	0.100	ng	# 95
6) bis(2-Chloroethyl)ether	7.01	93	573	0.093	ng	97
9) Naphthalene	10.35	128	2282	0.098	ng	94
10) Hexachlorobutadiene	10.66	225	566	0.100	ng	# 99
12) 2-Methylnaphthalene	11.99	142	1466	0.095	ng	97
16) Acenaphthylene	13.89	152	1933	0.090	ng	98
17) Acenaphthene	14.24	154	1413	0.097	ng	98
18) Fluorene	15.24	166	1792	0.095	ng	97
20) 4-Bromophenyl-phenylether	16.14	248	599	0.092	ng	# 85
21) Hexachlorobenzene	16.24	284	680	0.099	ng	99
23) Phenanthrene	16.97	178	2783	0.092	ng	99
24) Anthracene	17.07	178	2175	0.085	ng	98
26) Fluoranthene	19.00	202	2916	0.084	ng	99
28) Pyrene	19.36	202	2979	0.109	ng	99
30) Benzo(a)anthracene	21.12	228	2451	0.097	ng	95
31) Chrysene	21.17	228	2791	0.097	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	954	0.115	ng	93
33) Indeno(1,2,3-cd)pyrene	25.41	276	2986	0.087	ng	99
35) Benzo(b)fluoranthene	22.65	252	2550	0.092	ng	# 72
36) Benzo(k)fluoranthene	22.69	252	2811	0.093	ng	# 68
37) Benzo(a)pyrene	23.20	252	2286	0.093	ng	# 59
38) Dibenzo(a,h)anthracene	25.42	278	2457	0.089	ng	# 74
39) Benzo(g,h,i)perylene	26.05	276	2701	0.094	ng	# 88

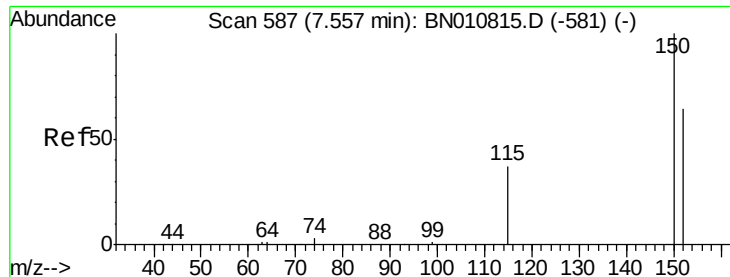
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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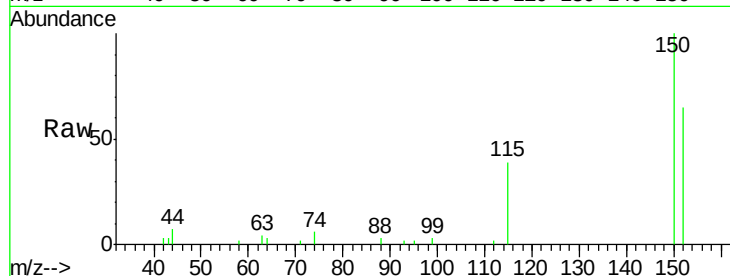


#1

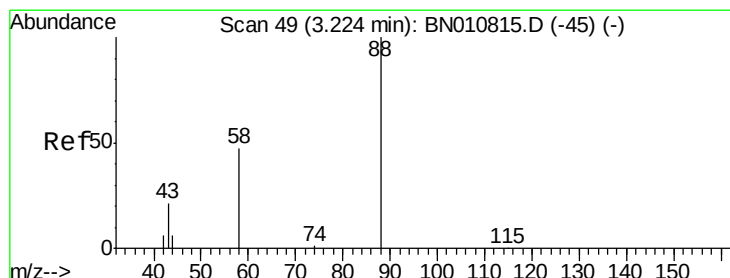
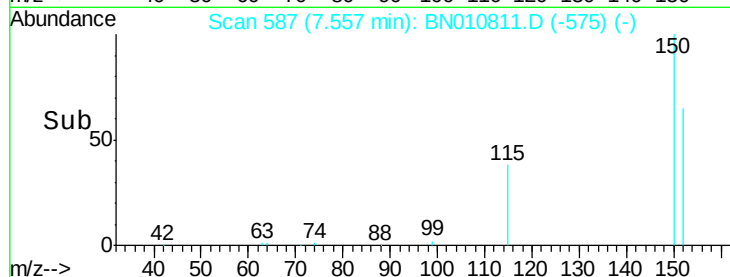
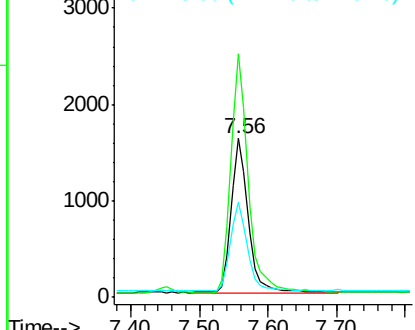
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 2757
Ion Ratio Lower Upper
152 100
150 153.5 123.8 185.6
115 59.8 49.2 73.8



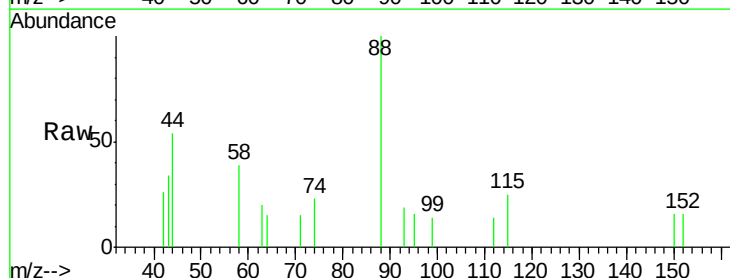
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



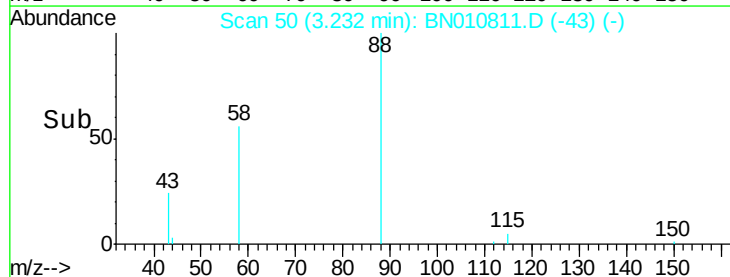
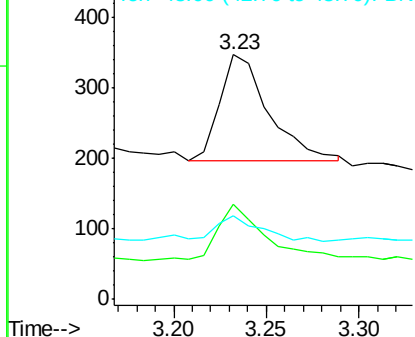
#2

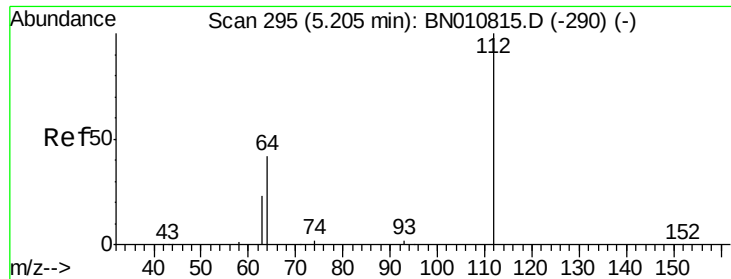
1,4-Dioxane
Concen: 0.100 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.01 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

Tgt Ion: 88 Resp: 273
Ion Ratio Lower Upper
88 100
58 48.7 38.2 57.4
43 24.5 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: 0.094 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

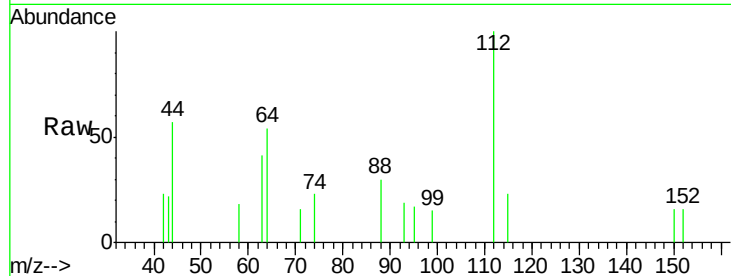
Tot Ion: 112 Resp: 519

Ion Ratio Lower Upper

112 100

64 46.2 37.4 56.0

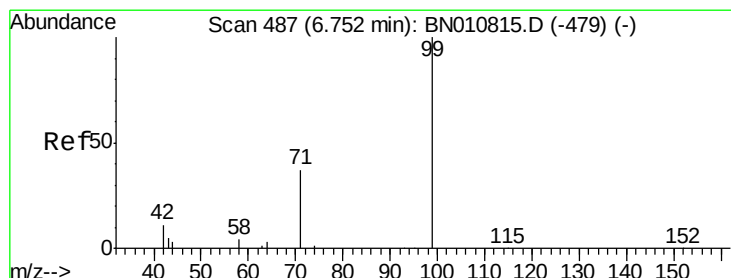
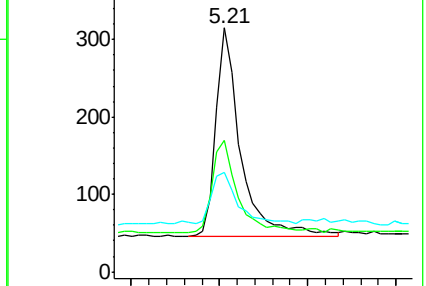
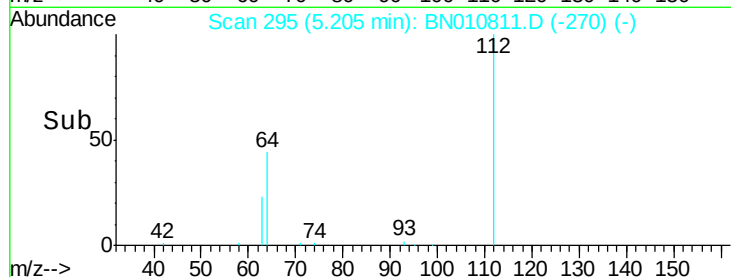
63 25.6 22.2 33.4



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: 0.091 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

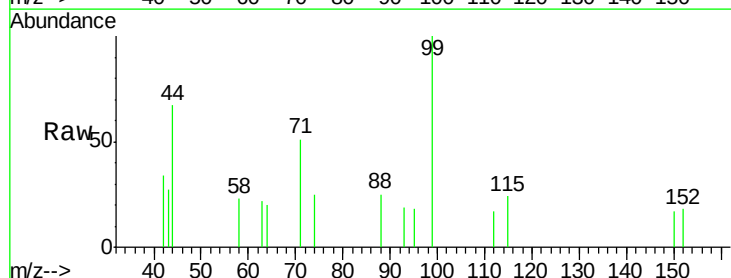
Tgt Ion: 99 Resp: 590

Ion Ratio Lower Upper

99 100

42 12.9 11.1 16.7

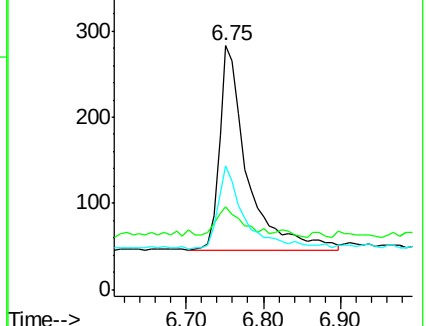
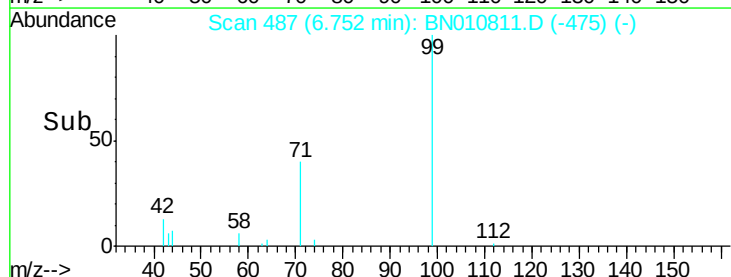
71 40.7 31.4 47.2

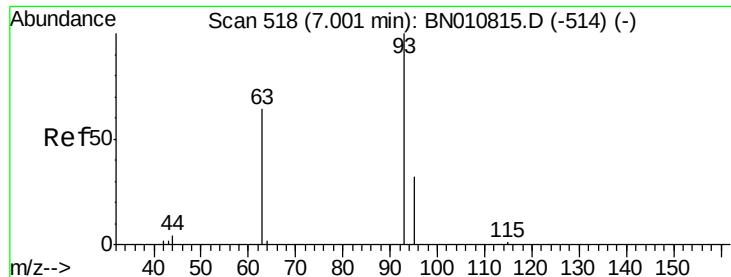


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.093 ng

RT: 7.01 min Scan# 519

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

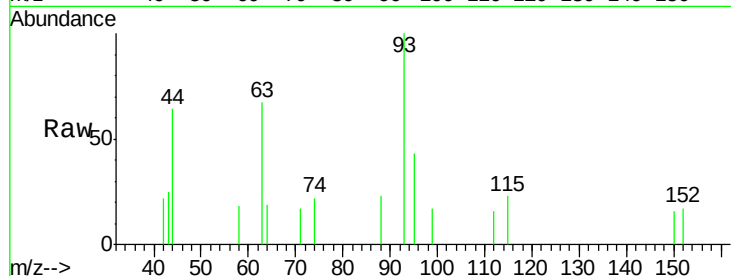
Tot Ion: 93 Resp: 573

Ion Ratio Lower Upper

93 100

63 63.2 49.4 74.2

95 35.6 26.7 40.1

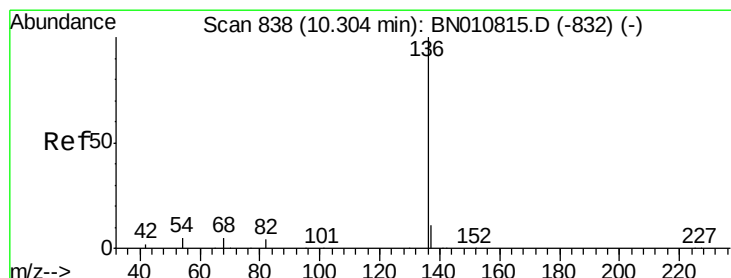
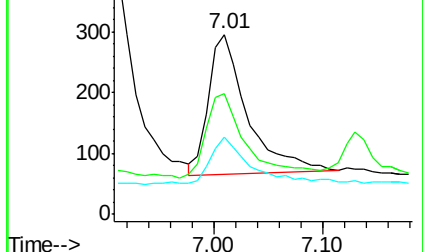
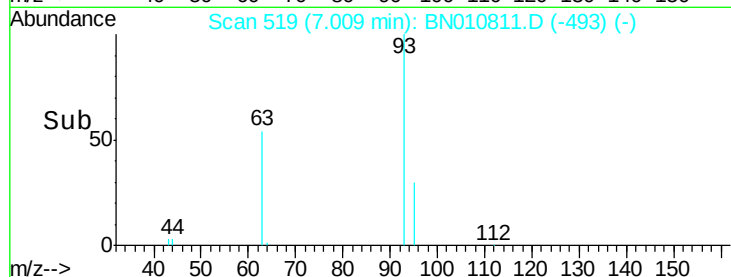


Abundance Ion 93.00 (92.70 to 93.70): BN010811.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010811.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010811.D (-514) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Tgt Ion: 136 Resp: 9314

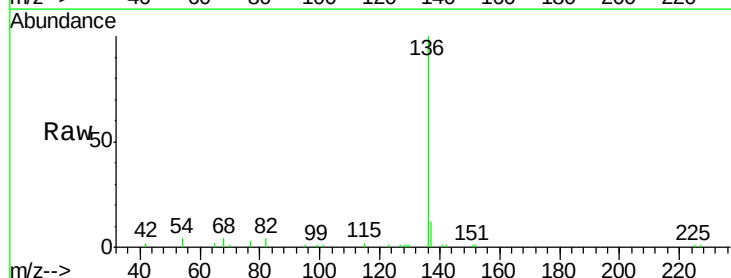
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 3.8 4.9 7.3#

68 4.3 4.7 7.1#



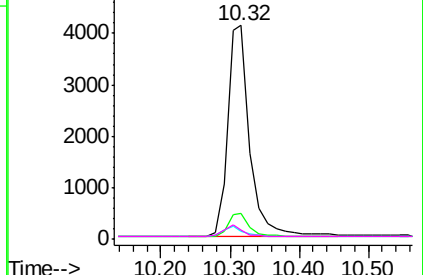
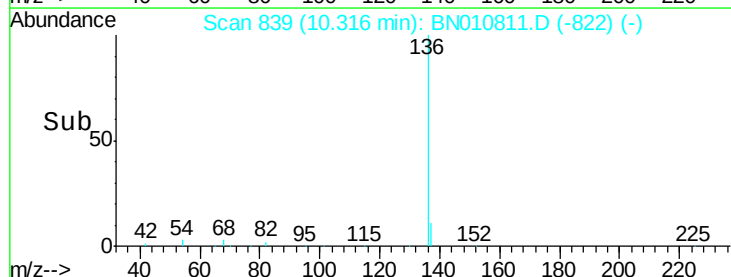
Abundance Ion 136.00 (135.70 to 136.70): BN010811.D (-832) (-)

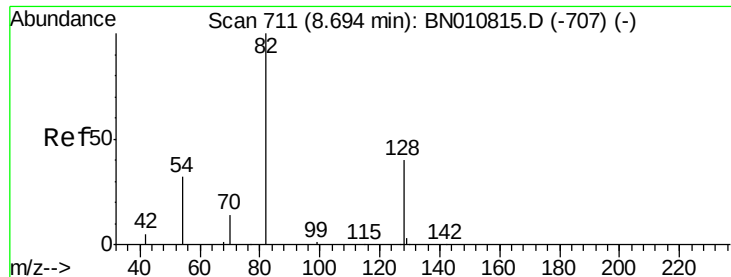
Ion 137.00 (136.70 to 137.70): BN010811.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010811.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010811.D (-832) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.082 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

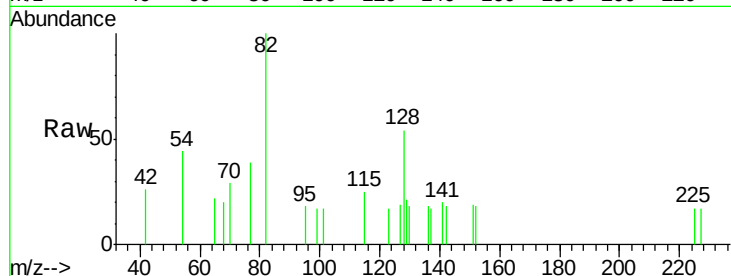
Tot Ion: 82 Resp: 563

Ion Ratio Lower Upper

82 100

128 53.8 35.4 53.0#

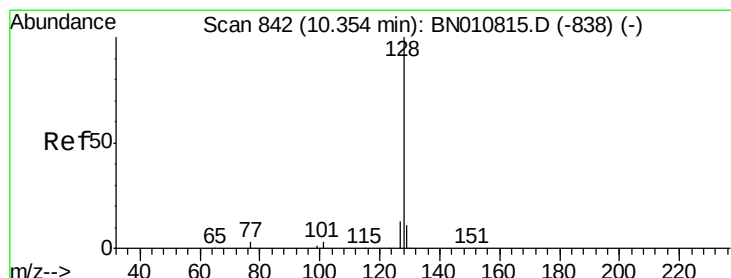
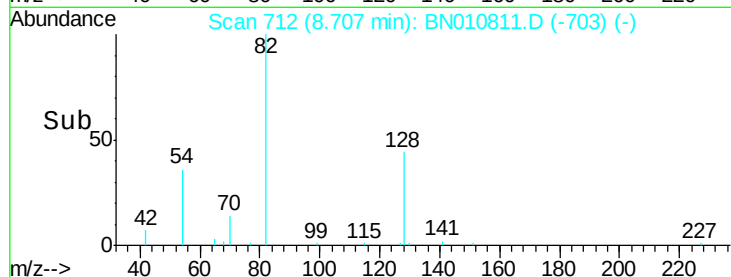
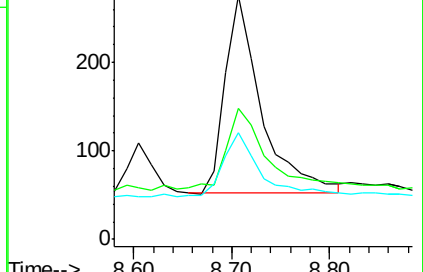
54 43.6 28.2 42.4#



Abundance Ion 82.00 (81.70 to 82.70): BN010811.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010811.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010811.D (-707) (-)



#9

Naphthalene

Concen: 0.098 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

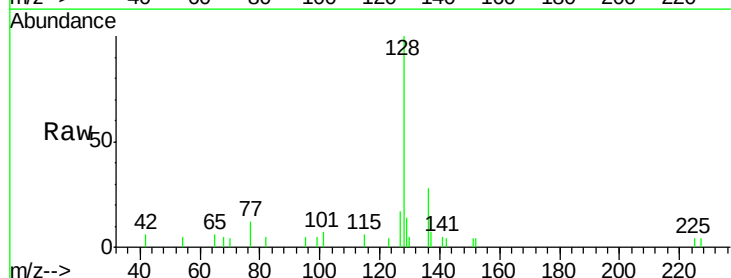
Tgt Ion: 128 Resp: 2282

Ion Ratio Lower Upper

128 100

129 14.1 9.6 14.4

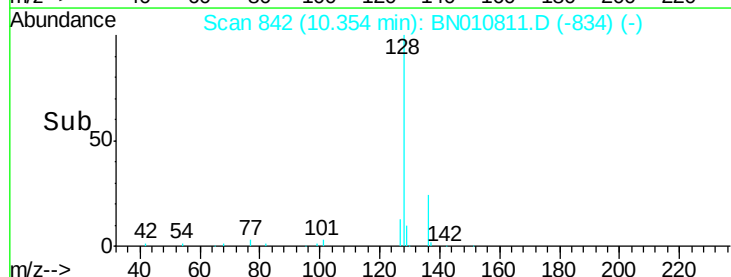
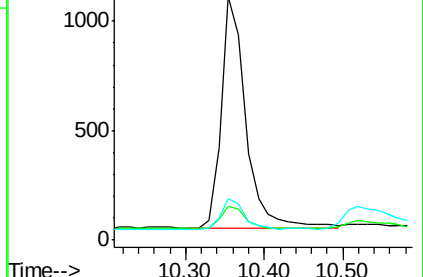
127 16.9 11.4 17.2

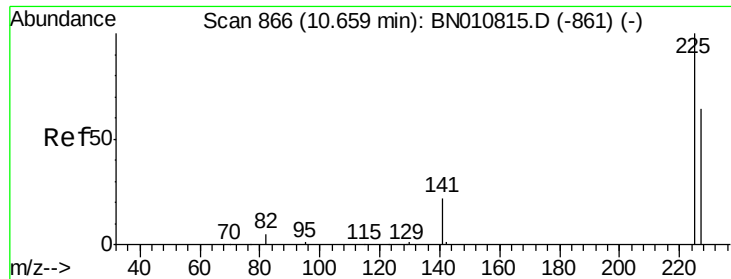


Abundance Ion 128.00 (127.70 to 128.70): BN010811.D (-834) (-)

Ion 129.00 (128.70 to 129.70): BN010811.D (-834) (-)

Ion 127.00 (126.70 to 127.70): BN010811.D (-834) (-)

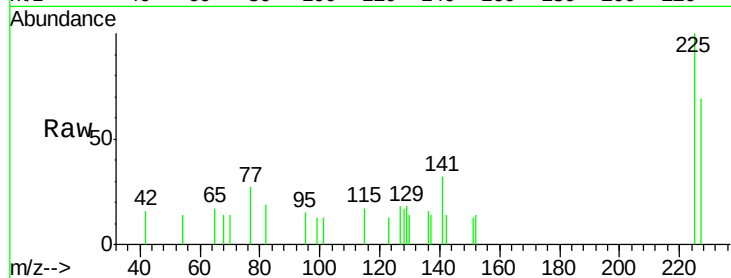




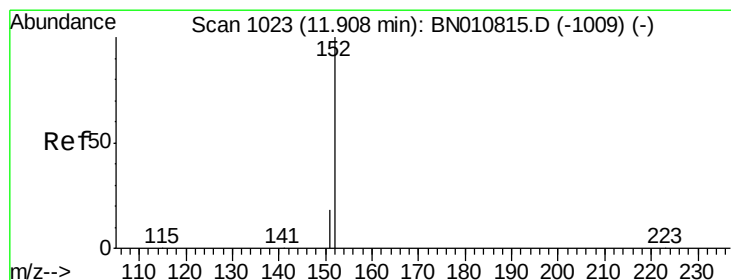
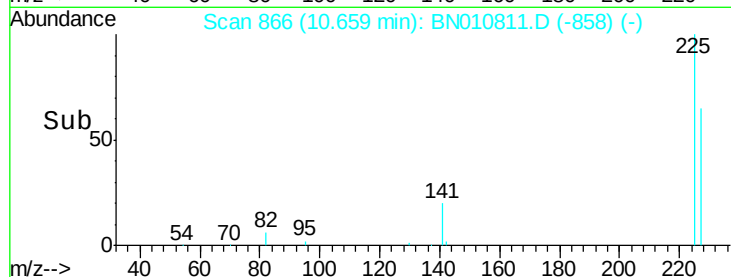
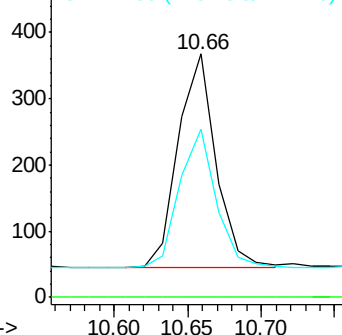
#10
Hexachlorobutadiene
Concen: 0.100 ng
RT: 10.66 min Scan# 866
Delta R.T. 0.00 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:225 Resp: 566
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.1 50.5 75.7

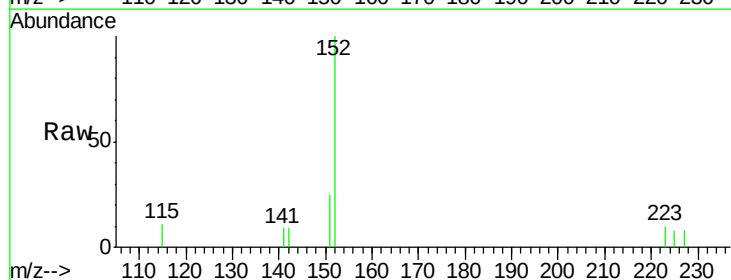


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

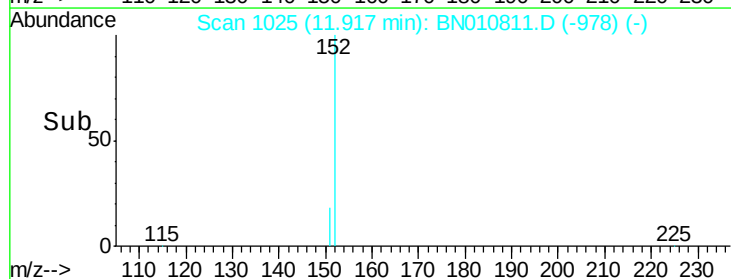
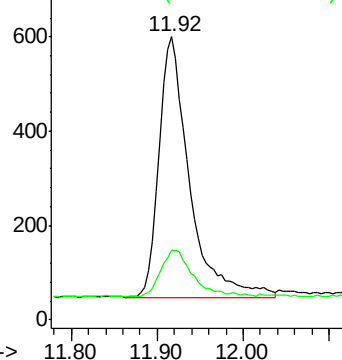


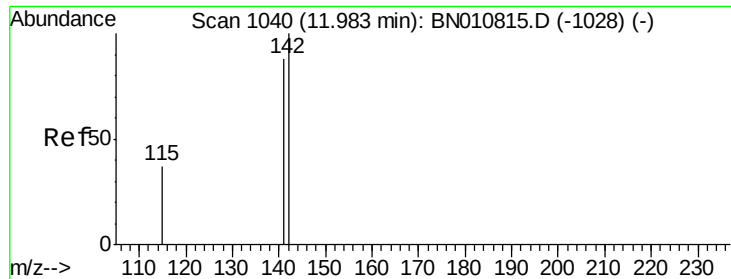
#11
2-Methylnaphthalene-d10
Concen: 0.096 ng
RT: 11.92 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

Tgt Ion:152 Resp: 1354
Ion Ratio Lower Upper
152 100
151 19.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.095 ng

RT: 11.99 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

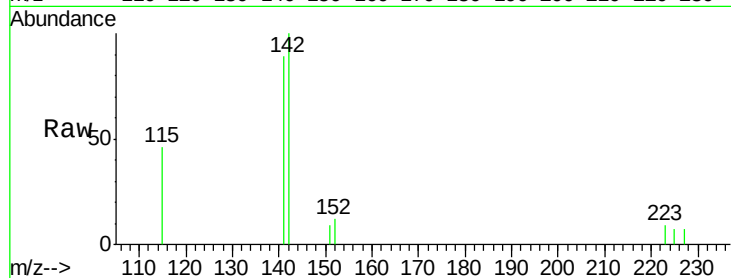
Tot Ion:142 Resp: 1466

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

115 45.7 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

11.99

600

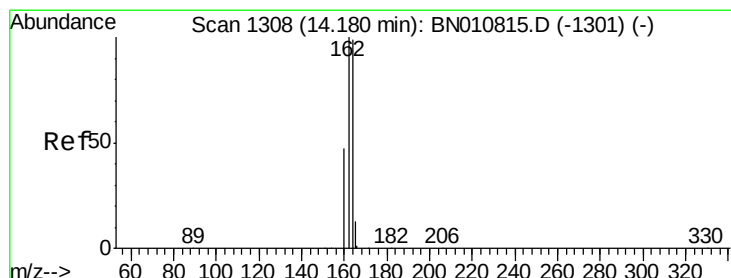
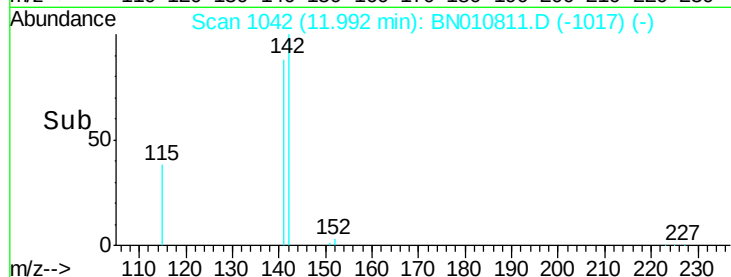
400

200

0

11.90 12.00 12.10

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

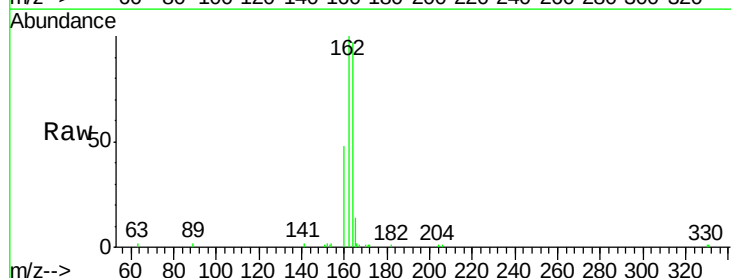
Tgt Ion:164 Resp: 5297

Ion Ratio Lower Upper

164 100

162 103.5 81.0 121.6

160 49.3 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

14.18

4000

3000

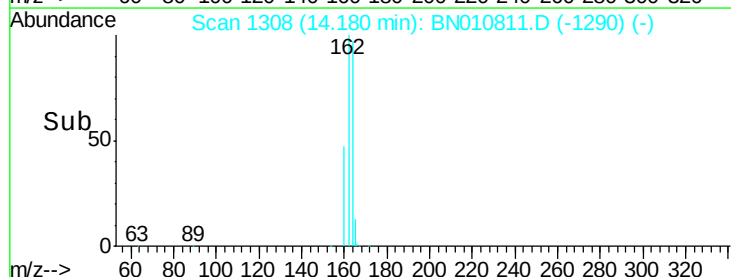
2000

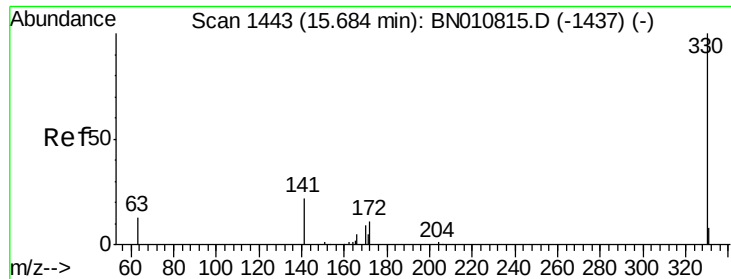
1000

0

14.00 14.20 14.40

Time-->

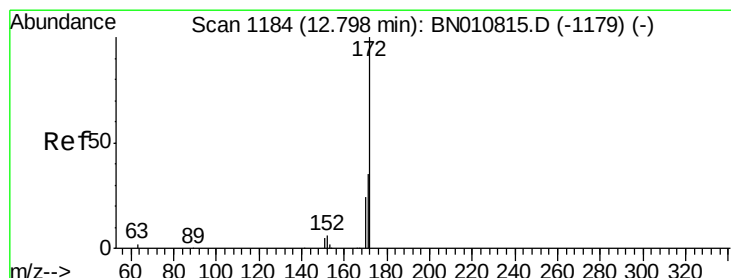
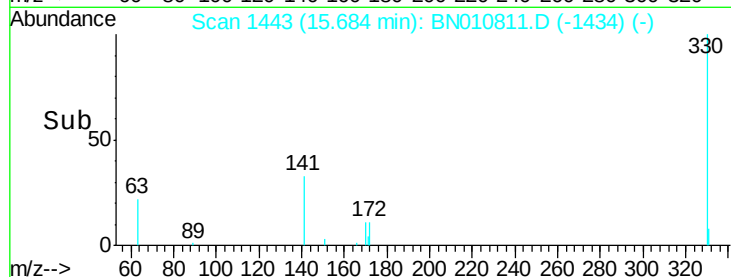
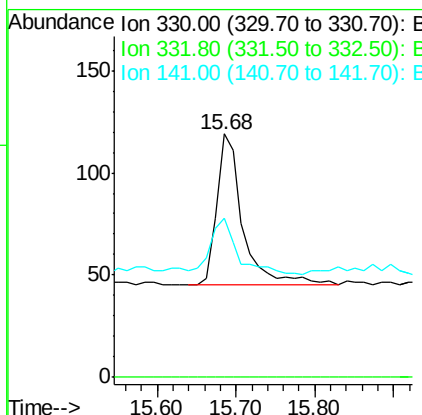
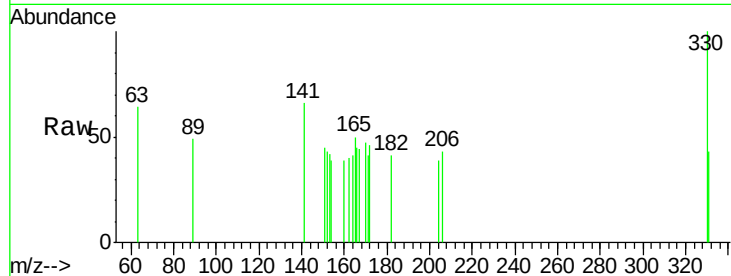




#14
 2,4,6-Tribromophenol
 Concen: 0.092 ng
 RT: 15.68 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BN010811.D
 Acq: 10 Jun 2020 10:27

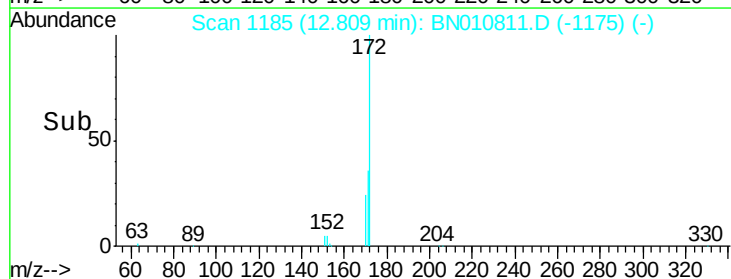
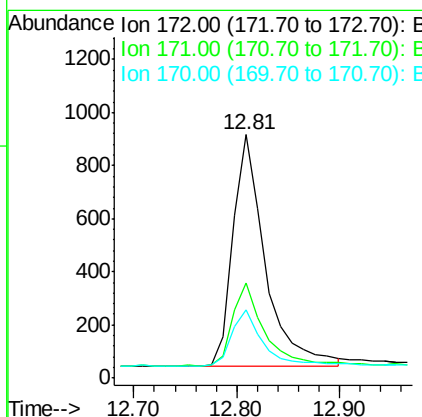
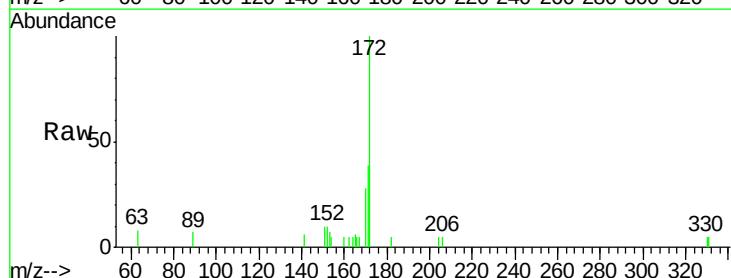
Instrument :
 BNA_N
 ClientSampled :
 SSTDICC0.1

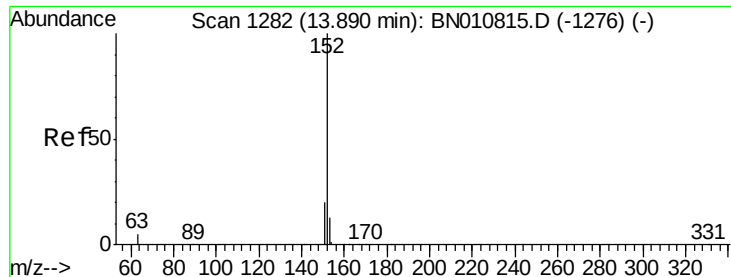
Tot Ion:330 Resp: 171
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 42.1 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.092 ng
 RT: 12.81 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BN010811.D
 Acq: 10 Jun 2020 10:27

Tgt Ion:172 Resp: 1902
 Ion Ratio Lower Upper
 172 100
 171 38.9 28.5 42.7
 170 28.1 19.7 29.5





#16

Acenaphthylene

Concen: 0.090 ng

RT: 13.89 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

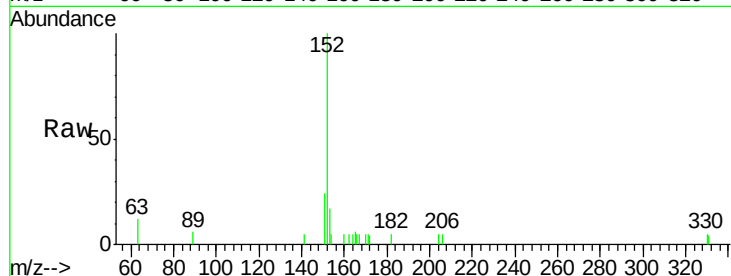
BNA_N

ClientSampleId :

SSTDIC0.1

Tot Ion:152 Resp: 1933

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.6	23.4
153	12.4	10.6	16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.89

1000

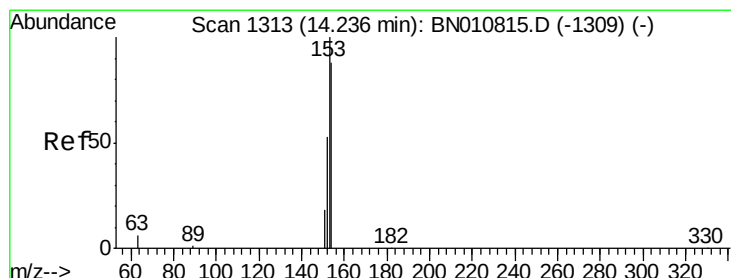
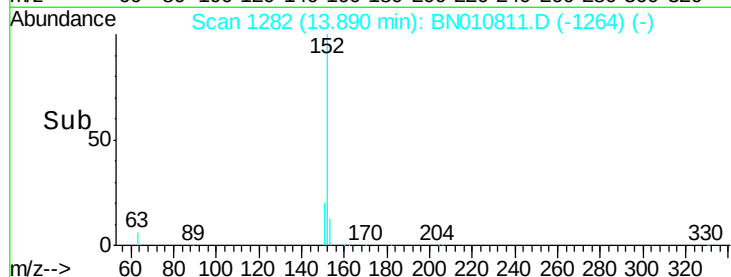
500

0

13.80

14.00

Time-->



#17

Acenaphthene

Concen: 0.097 ng

RT: 14.24 min Scan# 1313

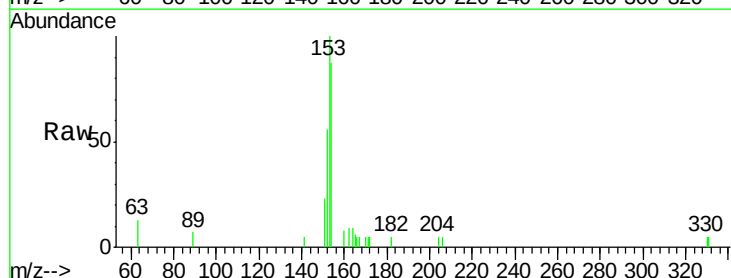
Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Tgt Ion:154 Resp: 1413

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.8	137.6
152	56.9	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

14.24

1200

1000

800

600

400

200

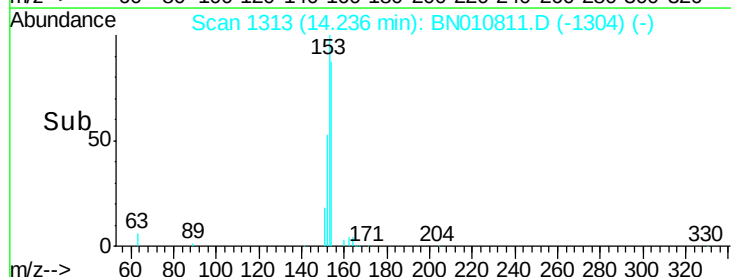
0

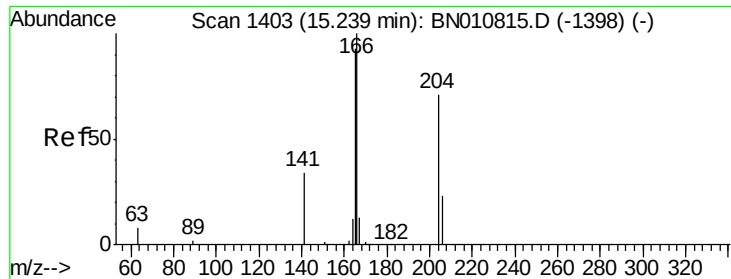
14.20

14.30

14.40

Time-->





#18

Fluorene

Concen: 0.095 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

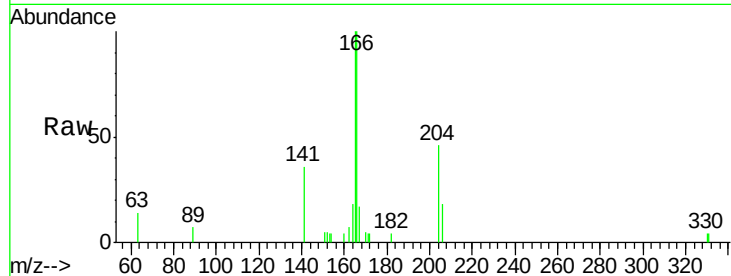
Tot Ion:166 Resp: 1792

Ion Ratio Lower Upper

166 100

165 99.3 77.2 115.8

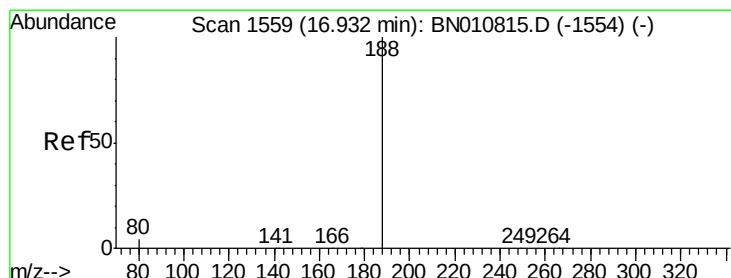
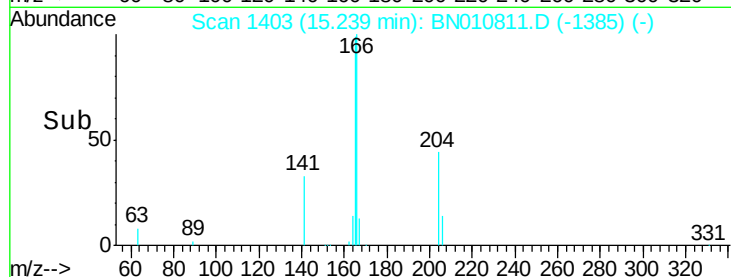
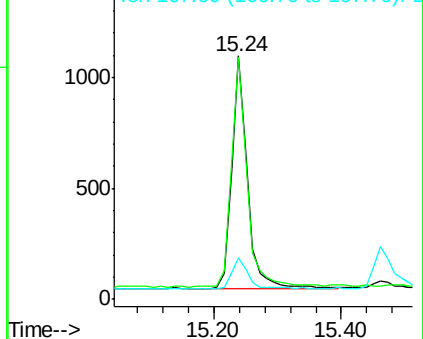
167 13.8 10.7 16.1



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: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

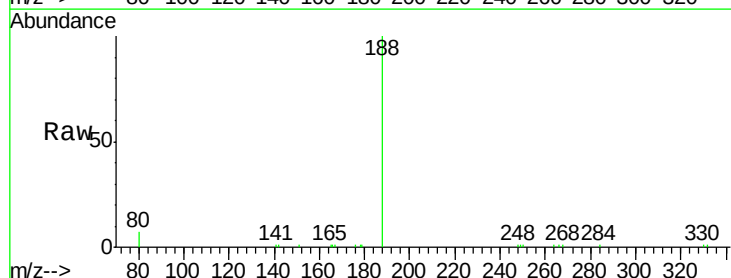
Tgt Ion:188 Resp: 11136

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

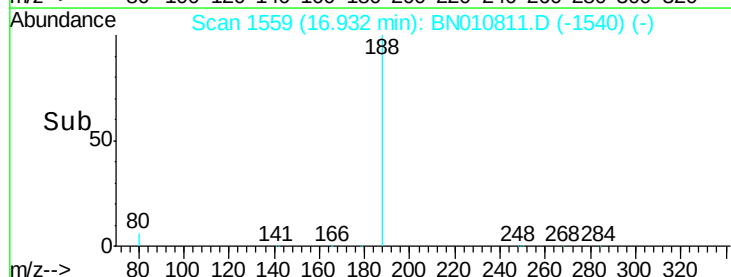
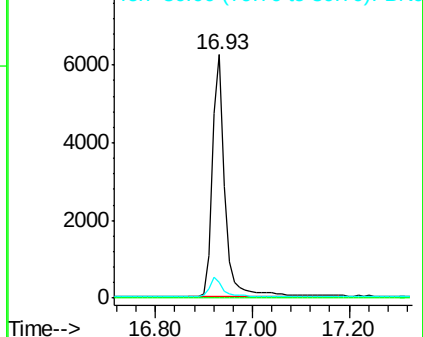
80 6.7 4.5 6.7

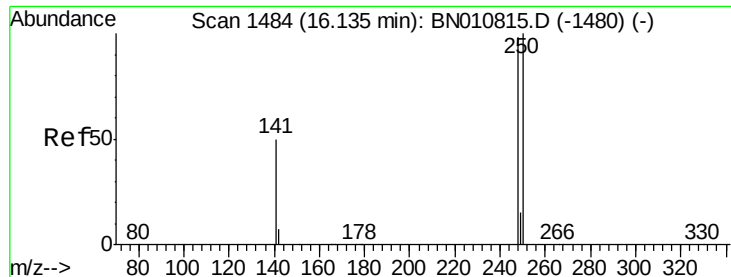


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

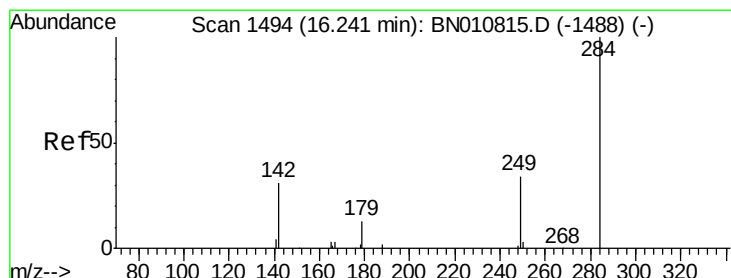
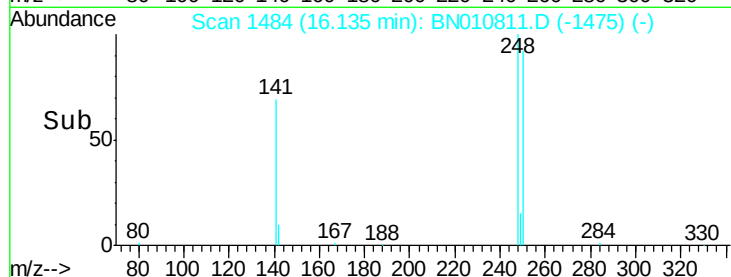
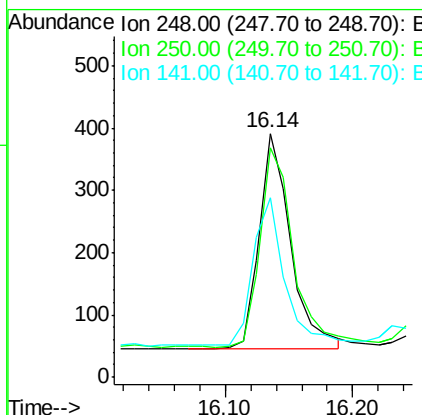
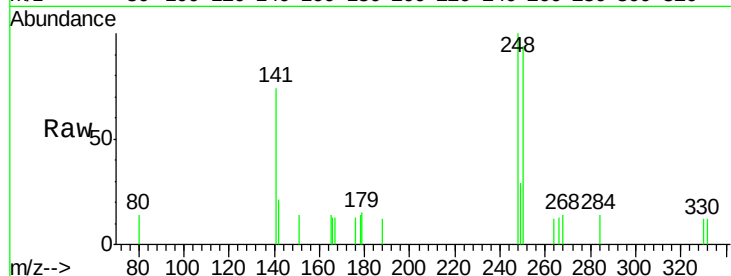




#20
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

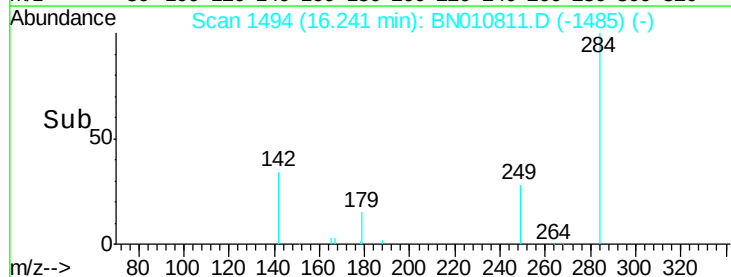
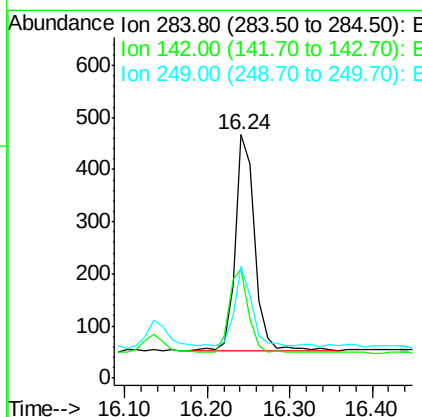
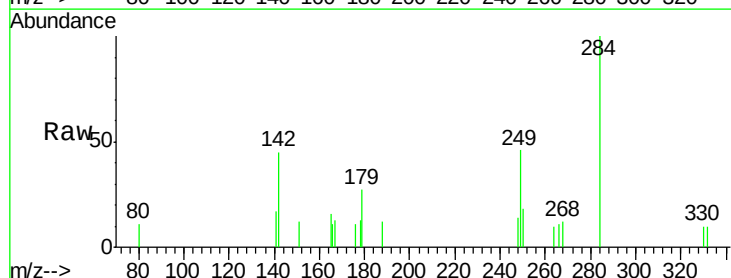
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

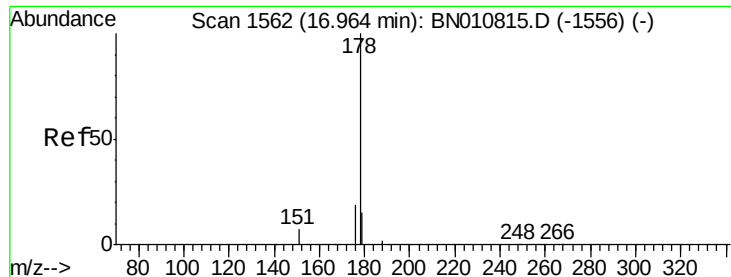
Tot Ion:248 Resp: 599
Ion Ratio Lower Upper
248 100
250 94.4 81.8 122.8
141 73.9 42.6 64.0#



#21
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

Tgt Ion:284 Resp: 680
Ion Ratio Lower Upper
284 100
142 39.3 31.0 46.4
249 33.2 27.1 40.7





#23

Phenanthrene

Concen: 0.092 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

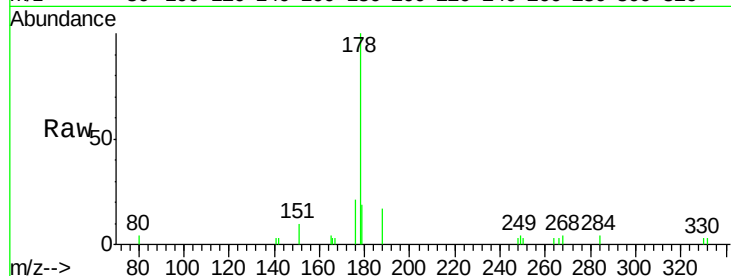
Tot Ion:178 Resp: 2783

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

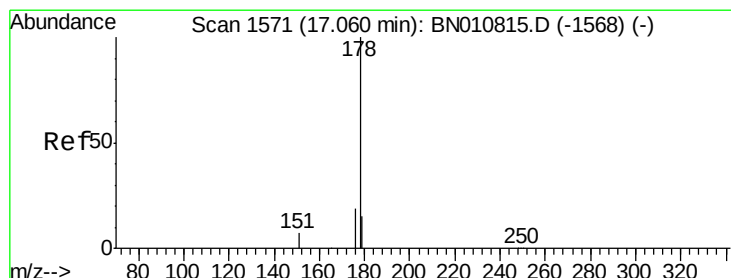
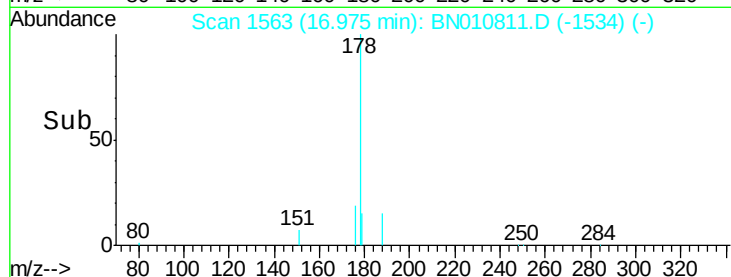
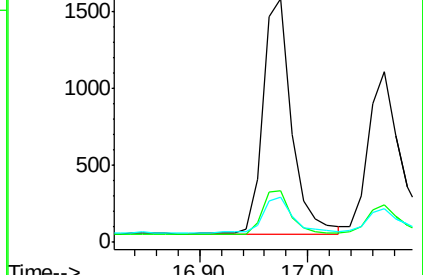
179 16.3 12.6 19.0



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: 0.085 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

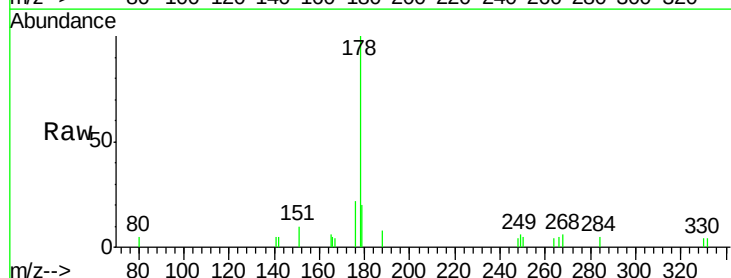
Tgt Ion:178 Resp: 2175

Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

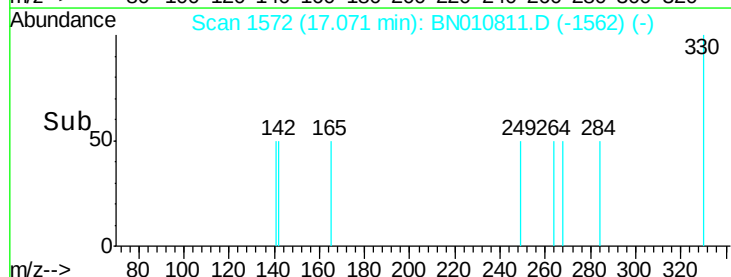
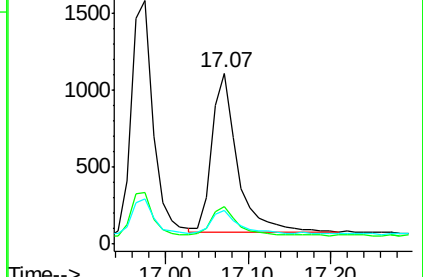
179 16.0 12.3 18.5

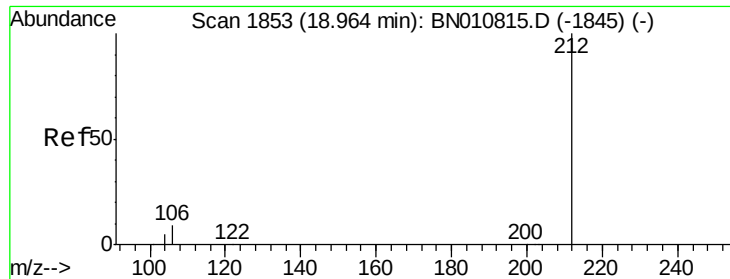


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.086 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

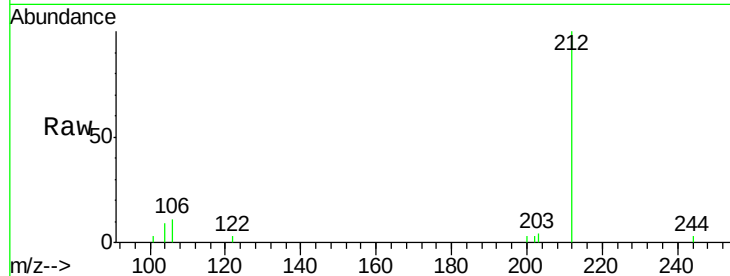
Tot Ion:212 Resp: 2658

Ion Ratio Lower Upper

212 100

106 8.6 6.6 10.0

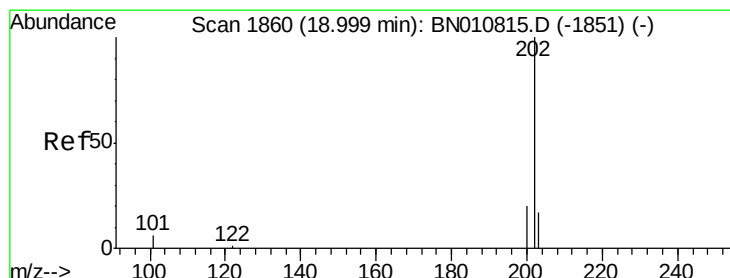
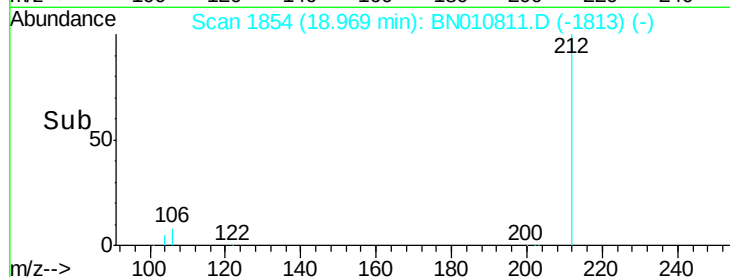
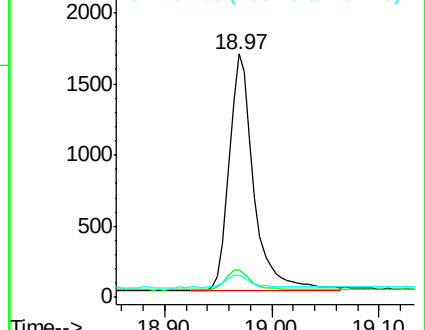
104 5.4 4.0 6.0



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: 0.084 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

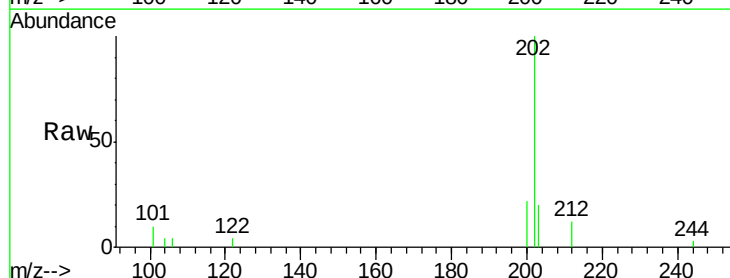
Tgt Ion:202 Resp: 2916

Ion Ratio Lower Upper

202 100

101 7.5 5.8 8.6

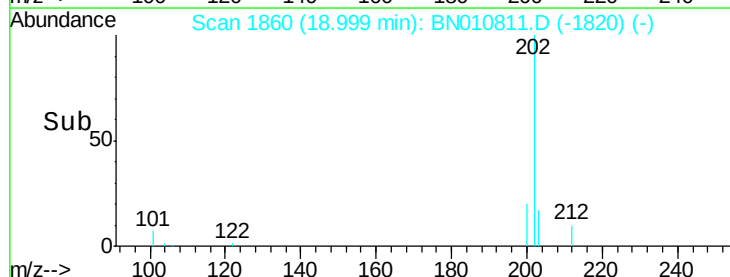
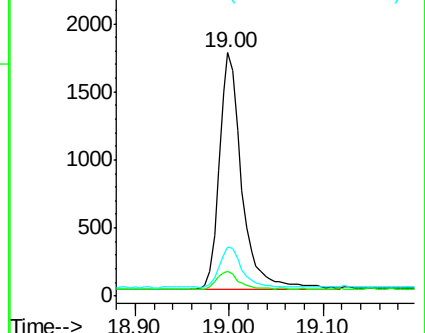
203 16.9 13.7 20.5

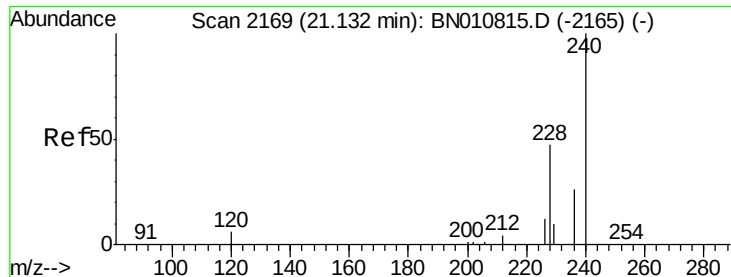


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

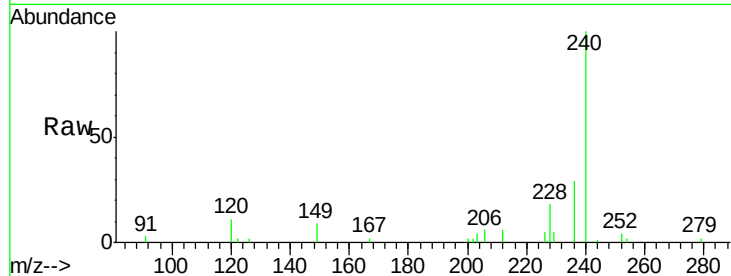
Tot Ion:240 Resp: 8586

Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

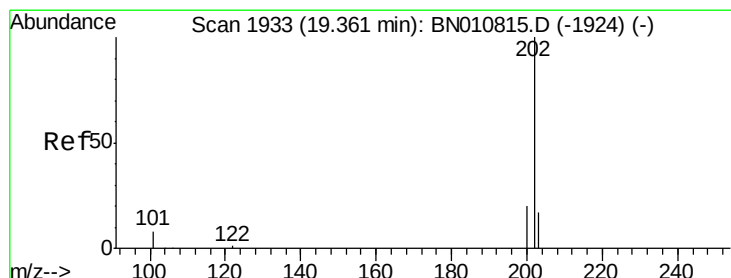
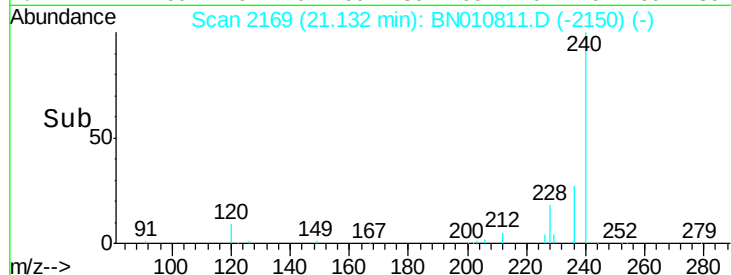
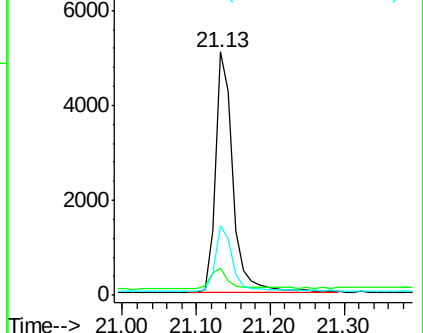
236 28.7 22.3 33.5



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



#28

Pyrene

Concen: 0.109 ng

RT: 19.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

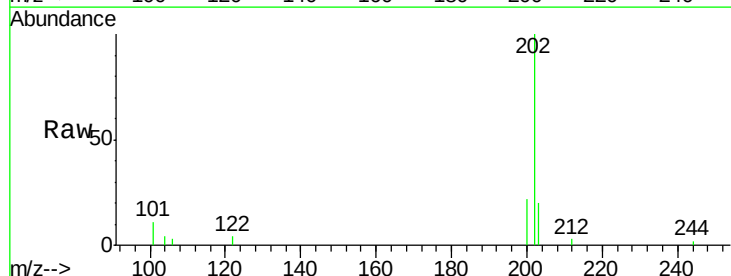
Tgt Ion:202 Resp: 2979

Ion Ratio Lower Upper

202 100

200 20.2 16.4 24.6

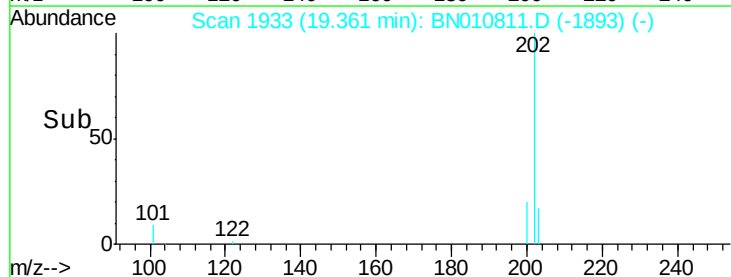
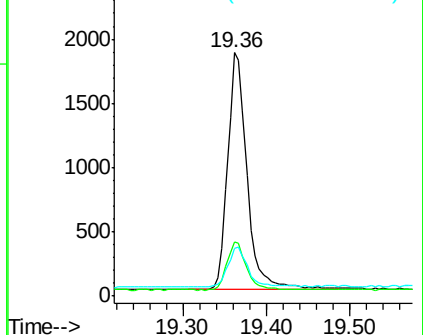
203 18.0 14.2 21.4

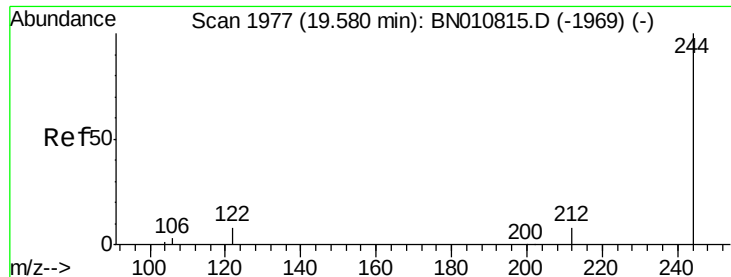


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.108 ng

RT: 19.58 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

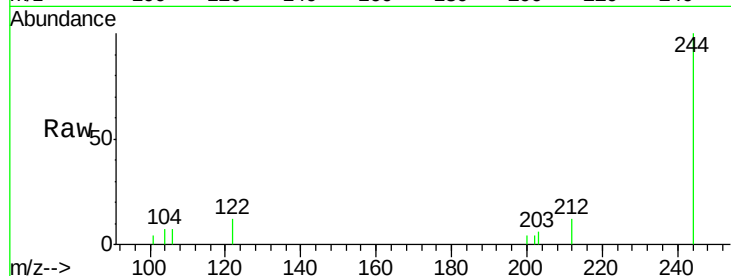
Tot Ion:244 Resp: 2076

Ion Ratio Lower Upper

244 100

212 11.8 7.4 11.2#

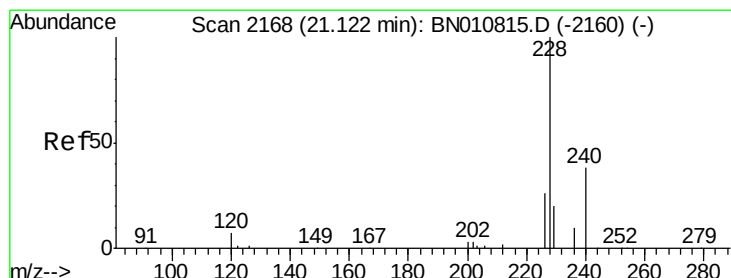
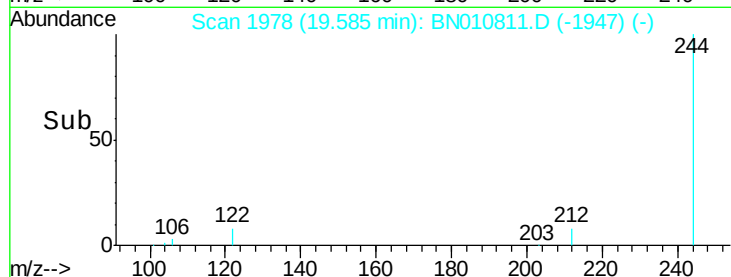
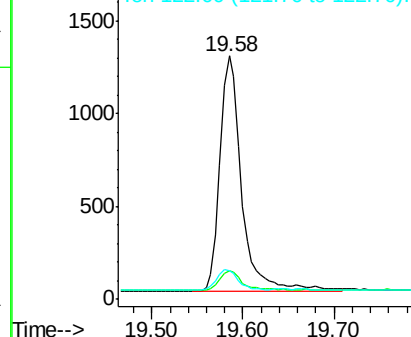
122 11.8 7.5 11.3#



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: 0.097 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

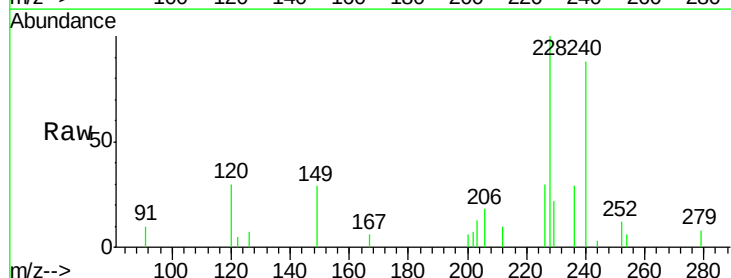
Tgt Ion:228 Resp: 2451

Ion Ratio Lower Upper

228 100

226 29.7 21.3 31.9

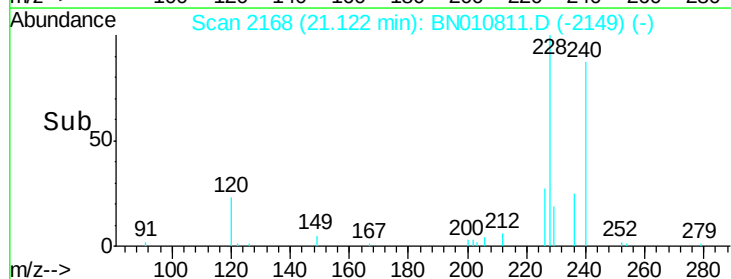
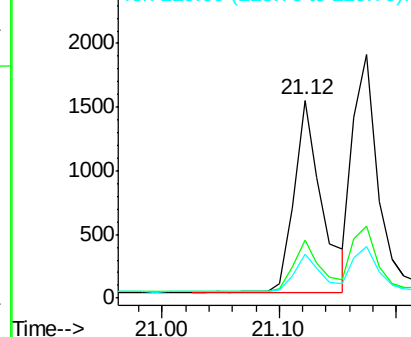
229 22.0 16.6 24.8

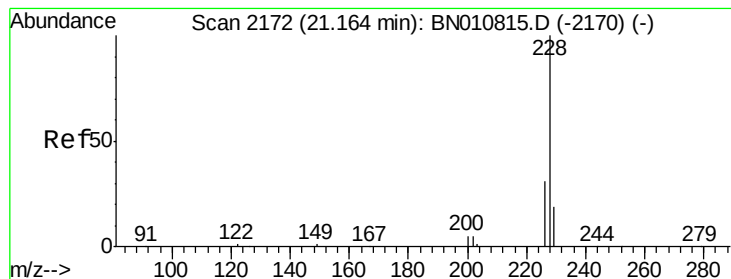


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.097 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

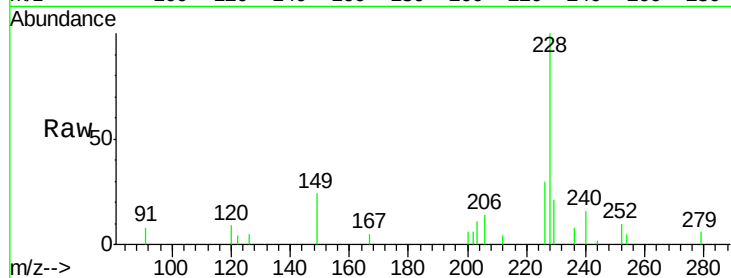
Tot Ion:228 Resp: 2791

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

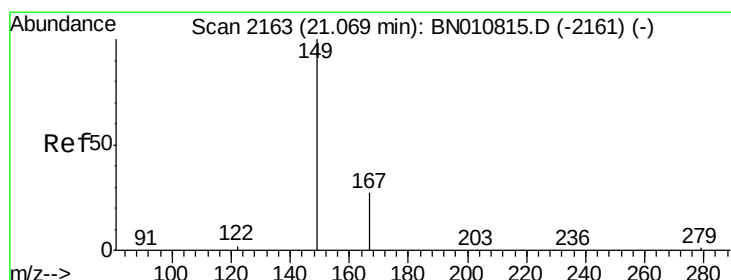
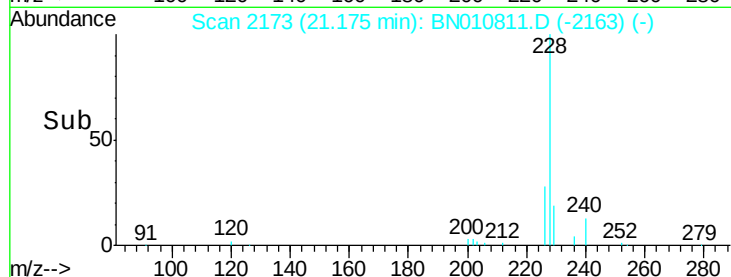
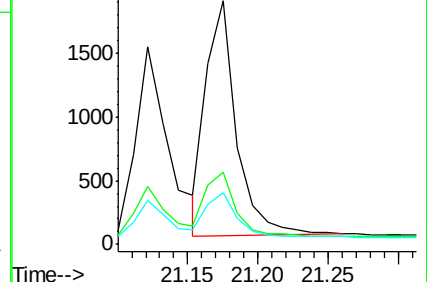
229 21.4 16.1 24.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.115 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

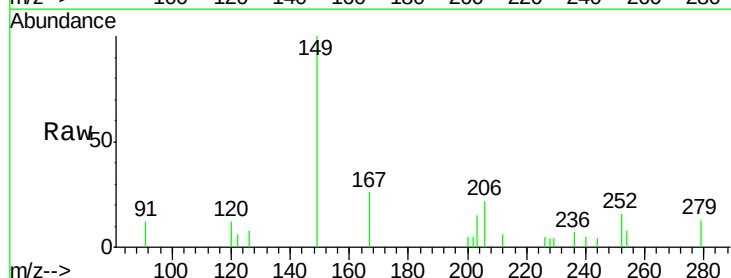
Tgt Ion:149 Resp: 954

Ion Ratio Lower Upper

149 100

167 25.9 24.1 36.1

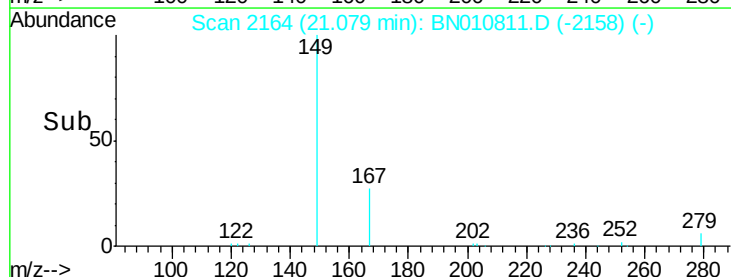
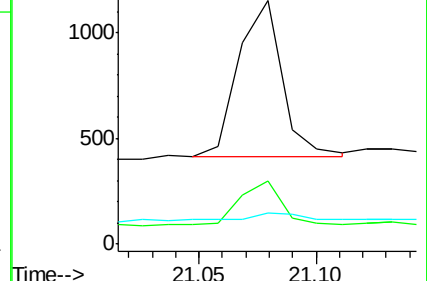
279 6.7 4.6 7.0

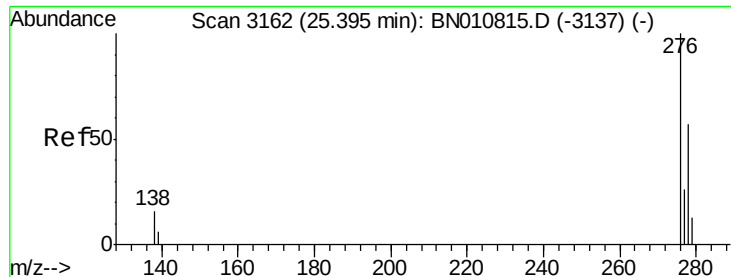


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

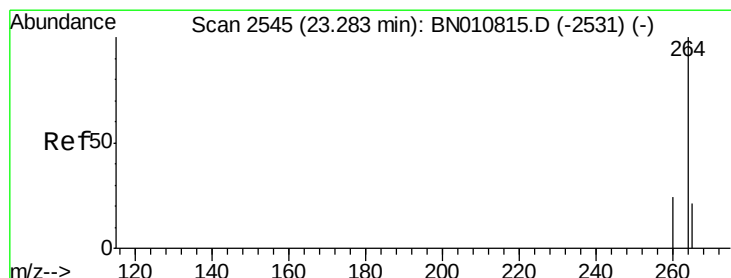
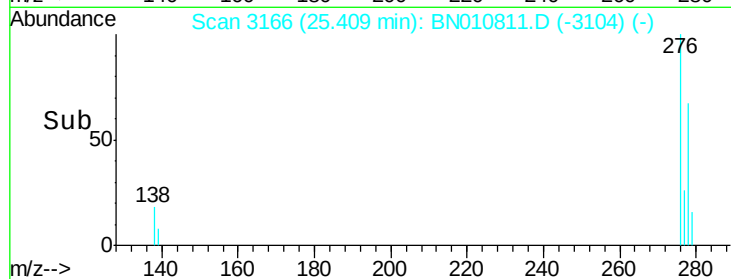
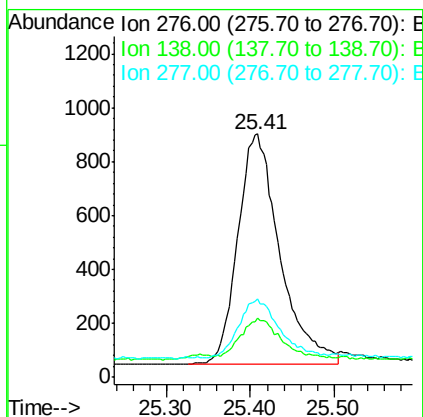
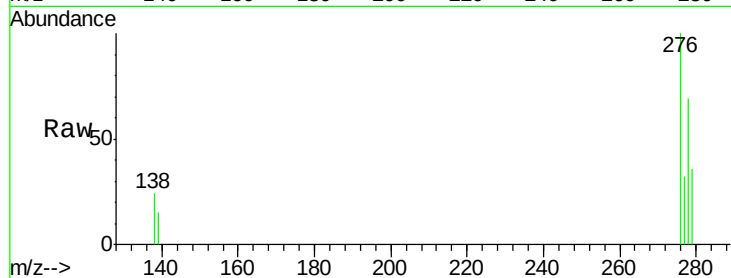




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng
RT: 25.41 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

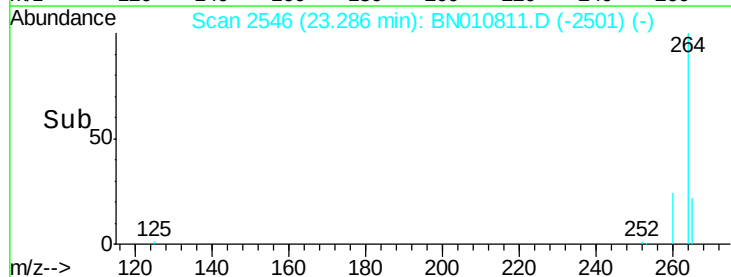
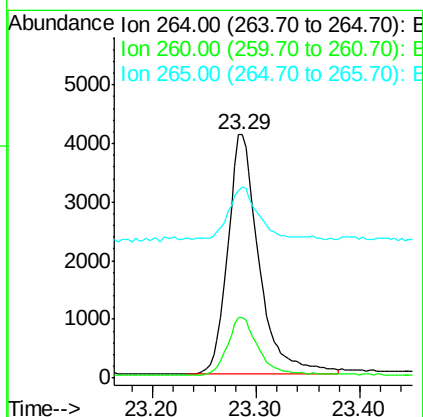
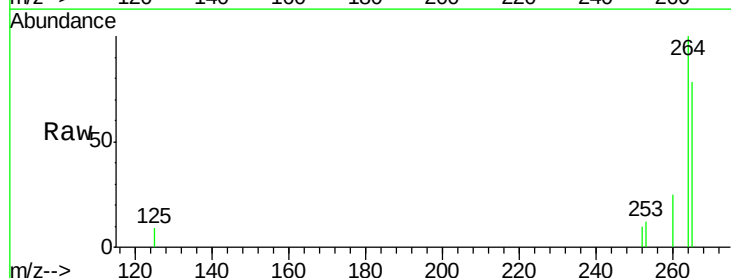
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

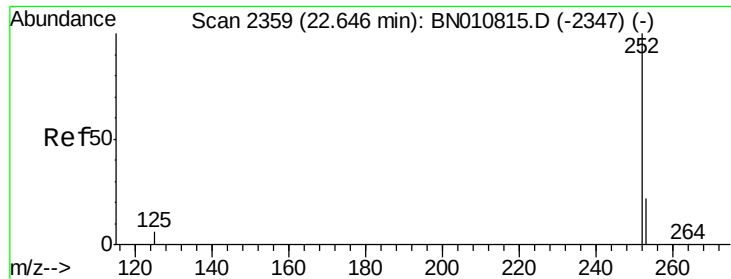
Tot Ion:276 Resp: 2986
Ion Ratio Lower Upper
276 100
138 17.0 13.0 19.6
277 24.5 19.7 29.5



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

Tgt Ion:264 Resp: 8470
Ion Ratio Lower Upper
264 100
260 24.9 20.4 30.6
265 78.5 75.0 112.4

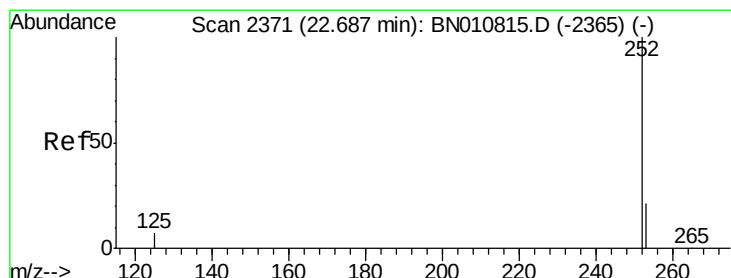
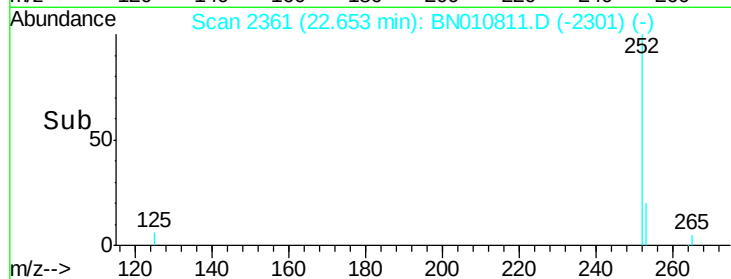
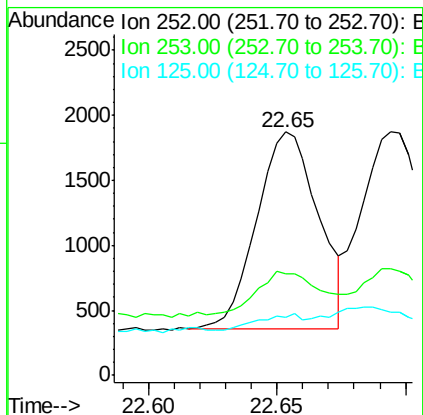
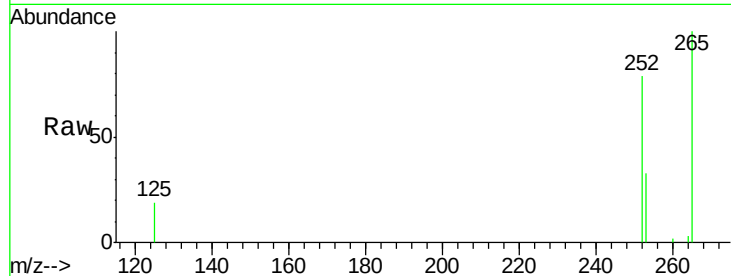




#35
Benzo(b)fluoranthene
Concen: 0.092 ng
RT: 22.65 min Scan# 2361
Delta R.T. 0.01 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

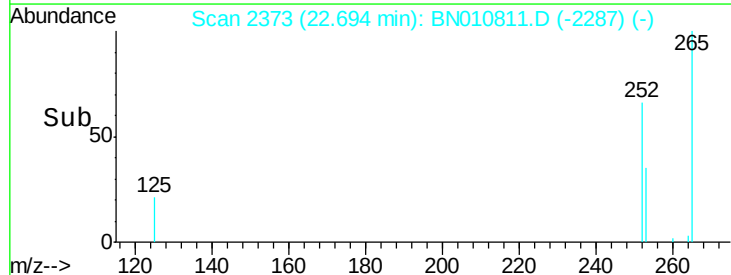
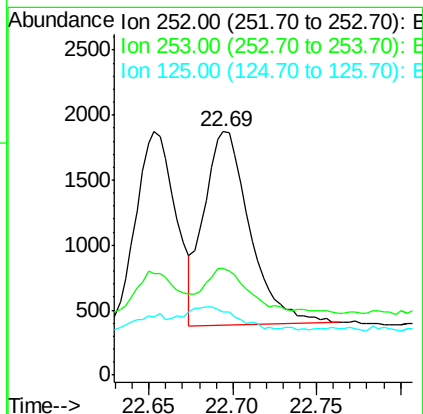
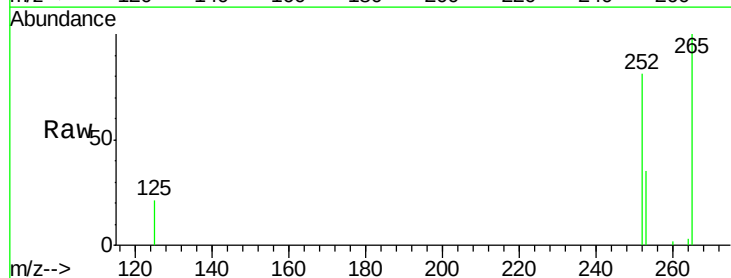
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

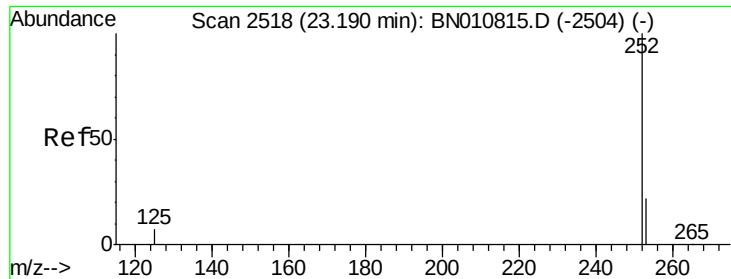
Tot Ion:252 Resp: 2550
Ion Ratio Lower Upper
252 100
253 41.8 22.4 33.6#
125 23.9 9.4 14.0#



#36
Benzo(k)fluoranthene
Concen: 0.093 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BN010811.D
Acq: 10 Jun 2020 10:27

Tgt Ion:252 Resp: 2811
Ion Ratio Lower Upper
252 100
253 43.8 22.2 33.4#
125 25.8 9.8 14.8#





#37

Benzo(a)pyrene

Concen: 0.093 ng

RT: 23.20 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

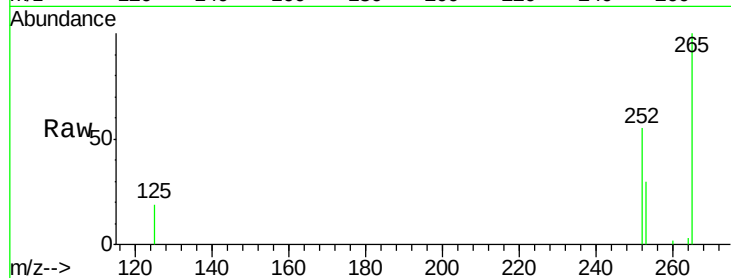
Tot Ion:252 Resp: 2286

Ion Ratio Lower Upper

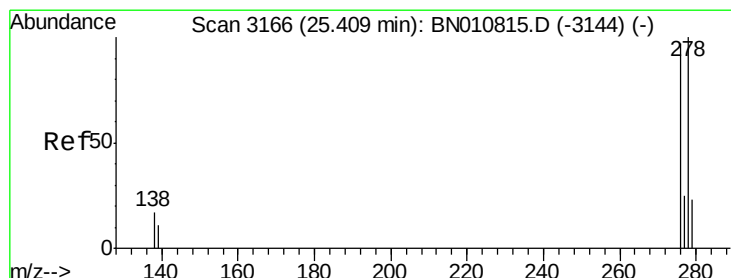
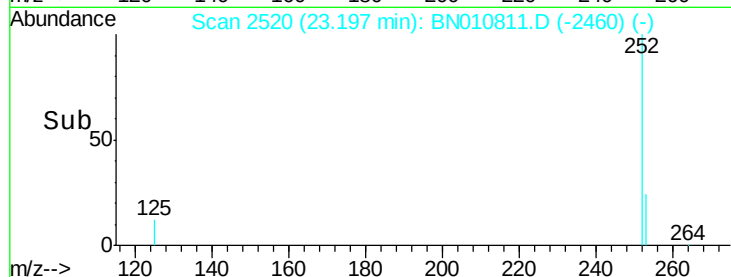
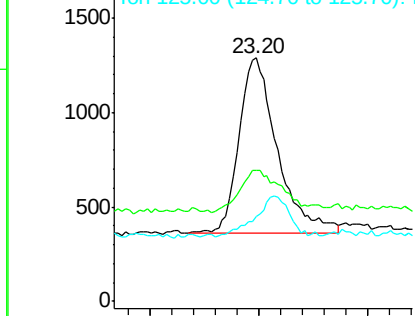
252 100

253 53.6 25.8 38.8#

125 34.7 12.4 18.6#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.089 ng

RT: 25.42 min Scan# 3170

Delta R.T. 0.01 min

Lab File: BN010811.D

Acq: 10 Jun 2020 10:27

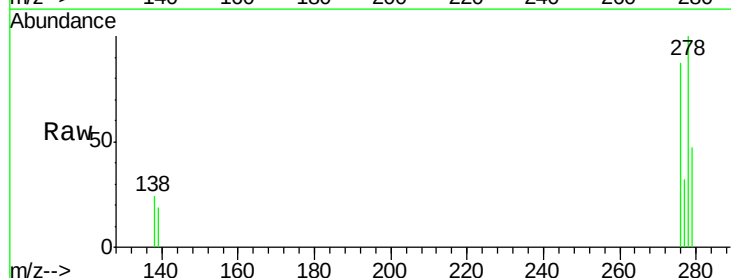
Tgt Ion:278 Resp: 2457

Ion Ratio Lower Upper

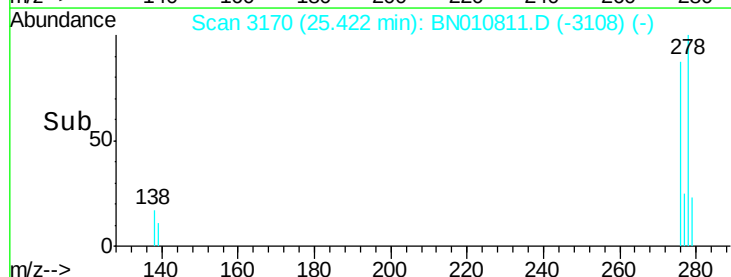
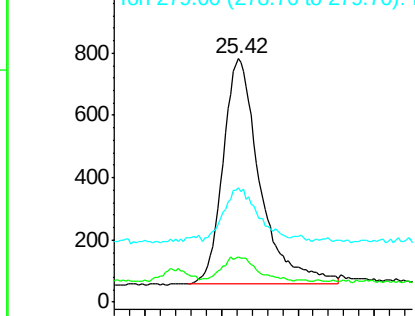
278 100

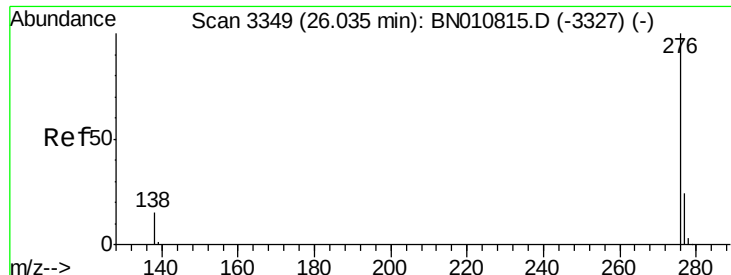
139 18.7 10.6 15.8#

279 46.8 23.6 35.4#



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





#39

Benzo(a,h,i)perylene

Concen: 0.094 ng

RT: 26.05 min Scan# 3352

Delta R.T. 0.01 min

Lab File: BN010811.D

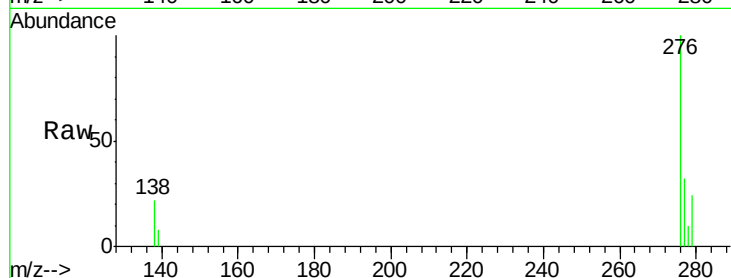
Acq: 10 Jun 2020 10:27

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1



Tot Ion: 276 Resp: 2701

Ion Ratio Lower Upper

276 100

277 31.5 20.5 30.7#

138 22.2 13.7 20.5#

