

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
 Data File : BN010785.D
 Acq On : 05 Jun 2020 17:29
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 05 19:18:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:14:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2383	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	7912	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	4367	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	8994	0.40	ng	0.00
27) Chrysene-d12	21.14	240	8139	0.40	ng	0.00
34) Perylene-d12	23.30	264	8548	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	518	0.11	ng	0.00
5) Phenol-d6	6.76	99	583	0.10	ng	0.00
8) Nitrobenzene-d5	8.72	82	532	0.10	ng	0.03
11) 2-Methylnaphthalene-d10	11.93	152	1108	0.09	ng	0.01
14) 2,4,6-Tribromophenol	15.70	330	142	0.09	ng	0.02
15) 2-Fluorobiphenyl	12.82	172	1605	0.10	ng	0.00
25) Fluoranthene-d10	18.98	212	2273	0.09	ng	0.00
29) Terphenyl-d14	19.59	244	1819	0.09	ng	0.00

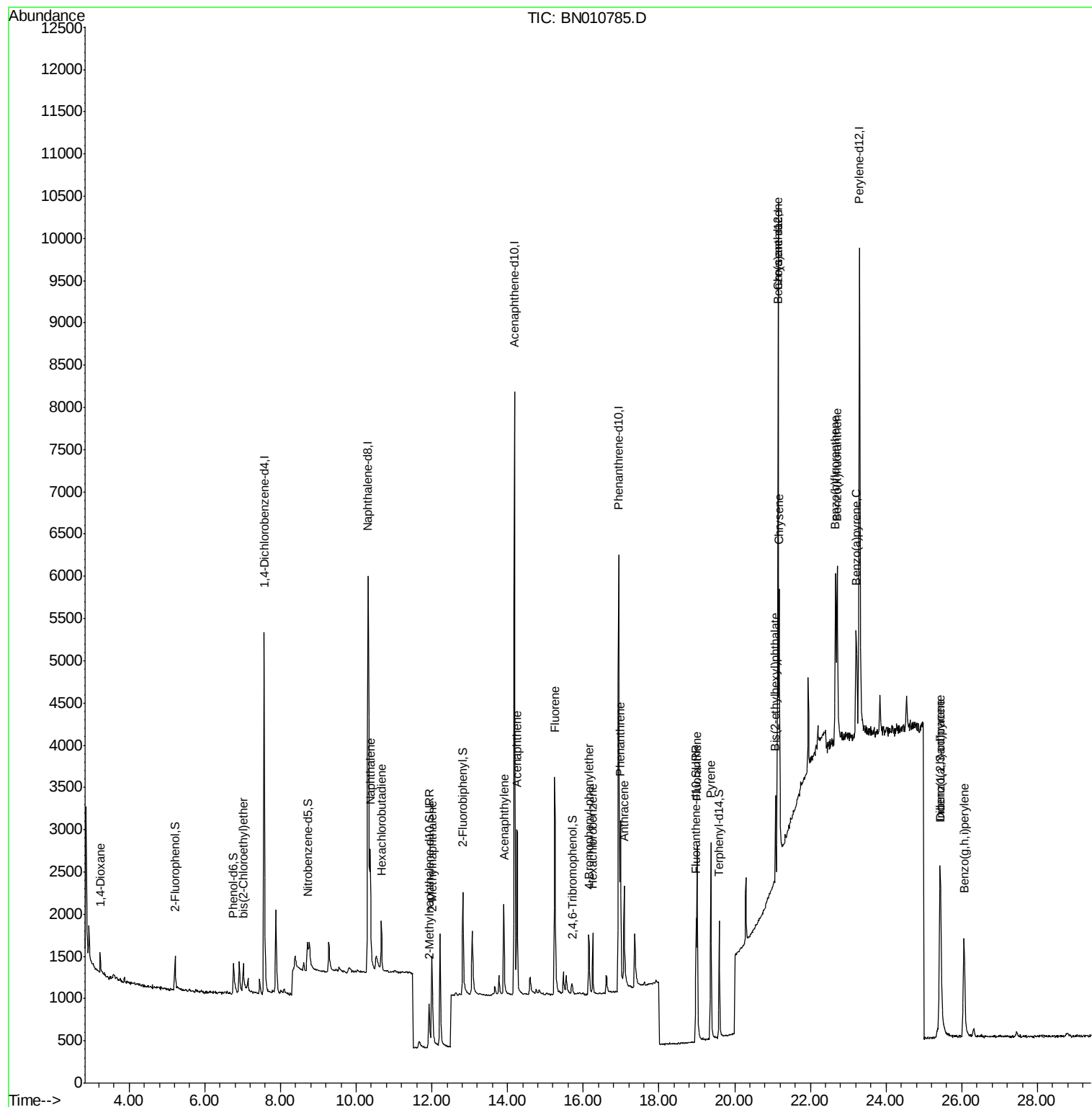
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	244	0.119	ng	# 92
6) bis(2-Chloroethyl)ether	7.02	93	445	0.076	ng	95
9) Naphthalene	10.37	128	1955	0.098	ng	# 92
10) Hexachlorobutadiene	10.66	225	487	0.107	ng	# 99
12) 2-Methylnaphthalene	12.00	142	1233	0.088	ng	95
16) Acenaphthylene	13.91	152	1568	0.088	ng	99
17) Acenaphthene	14.25	154	1134	0.094	ng	94
18) Fluorene	15.25	166	1444	0.091	ng	97
20) 4-Bromophenyl-phenylether	16.14	248	465	0.094	ng	96
21) Hexachlorobenzene	16.25	284	553	0.094	ng	96
23) Phenanthrene	16.98	178	2272	0.094	ng	98
24) Anthracene	17.08	178	1817	0.090	ng	98
26) Fluoranthene	19.01	202	2548	0.093	ng	100
28) Pyrene	19.37	202	2603	0.089	ng	98
30) Benzo(a)anthracene	21.13	228	2187	0.092	ng	96
31) Chrysene	21.18	228	2823	0.105	ng	98
32) Bis(2-ethylhexyl)phthalate	21.08	149	884	0.085	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.42	276	3242	0.136	ng	# 96
35) Benzo(b)fluoranthene	22.66	252	2502	0.089	ng	# 64
36) Benzo(k)fluoranthene	22.71	252	2915	0.096	ng	# 65
37) Benzo(a)pyrene	23.21	252	2321	0.095	ng	# 71
38) Dibenzo(a,h)anthracene	25.44	278	2468	0.118	ng	# 67
39) Benzo(g,h,i)perylene	26.06	276	2762	0.113	ng	# 88

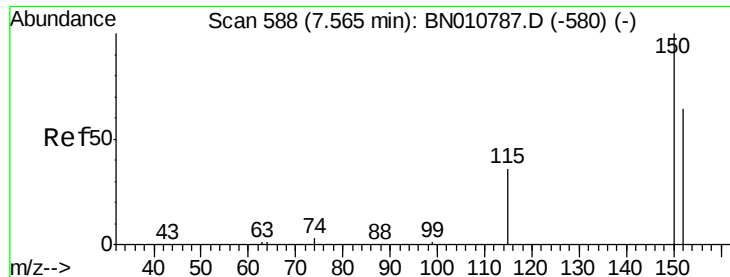
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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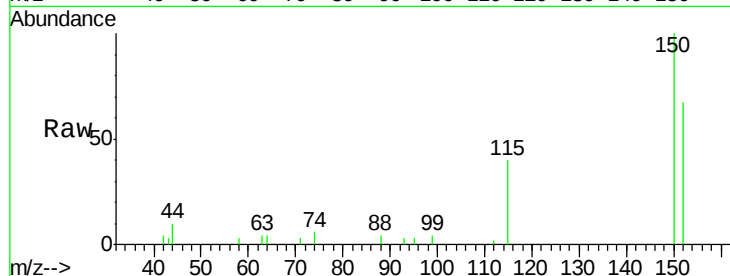


#1

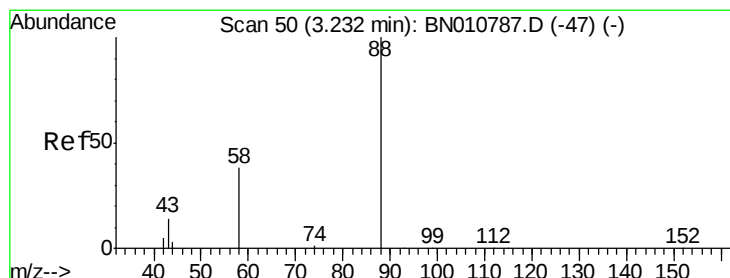
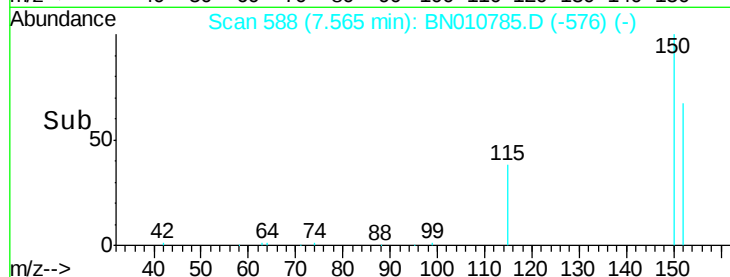
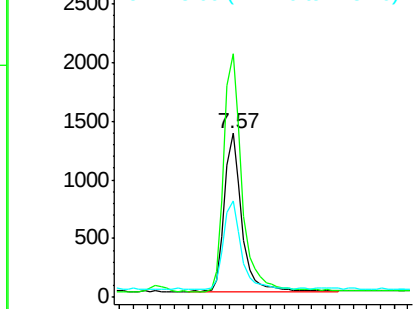
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampled :
SSTDIC0.1

Tot Ion:152 Resp: 2383
Ion Ratio Lower Upper
152 100
150 148.2 123.6 185.4
115 58.8 47.6 71.4



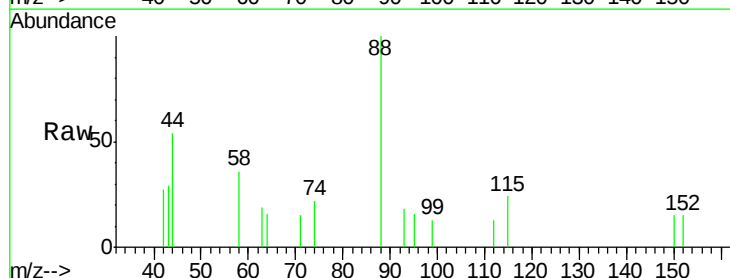
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



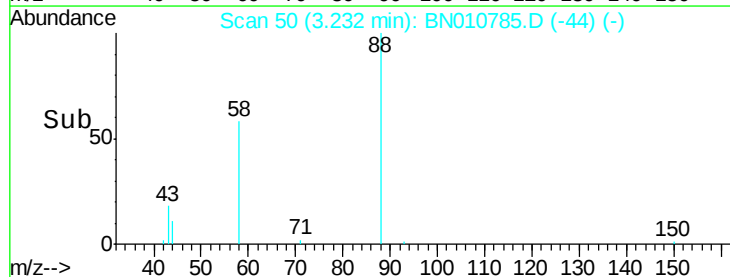
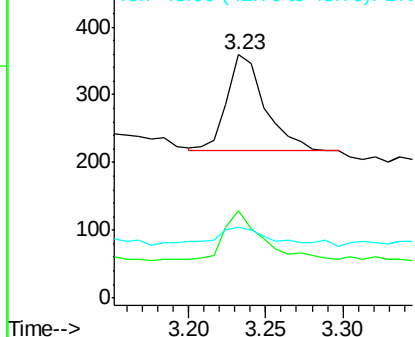
#2

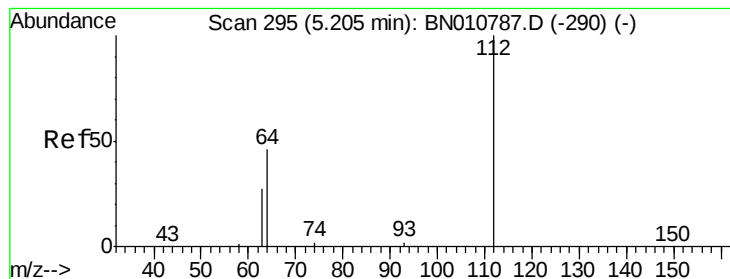
1,4-Dioxane
Concen: 0.119 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
58 45.9 38.8 58.2
43 27.9 15.9 23.9#



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: 0.111 ng

RT: 5.21 min Scan# 296

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

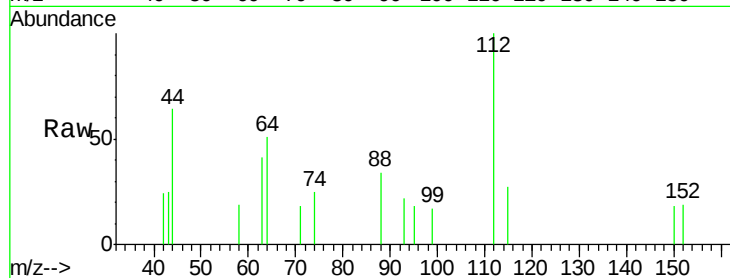
Tot Ion: 112 Resp: 518

Ion Ratio Lower Upper

112 100

64 45.9 35.8 53.8

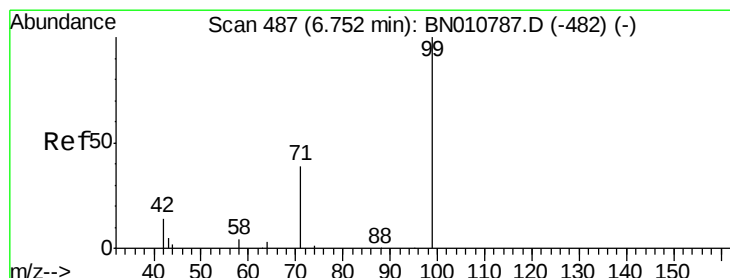
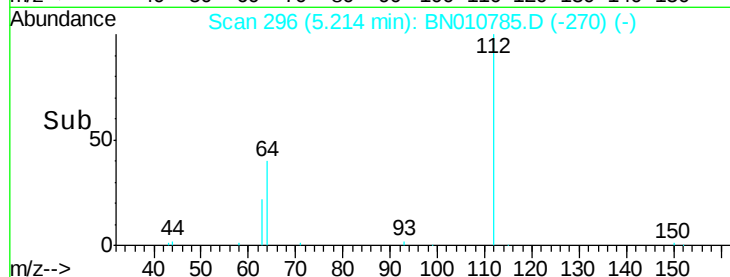
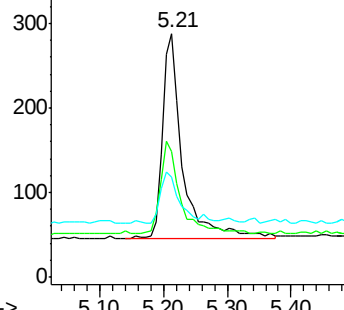
63 23.7 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.102 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

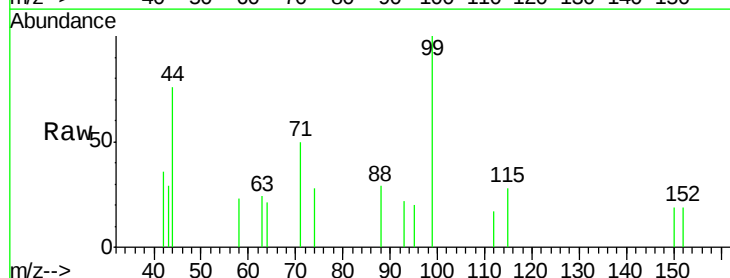
Tgt Ion: 99 Resp: 583

Ion Ratio Lower Upper

99 100

42 16.1 11.1 16.7

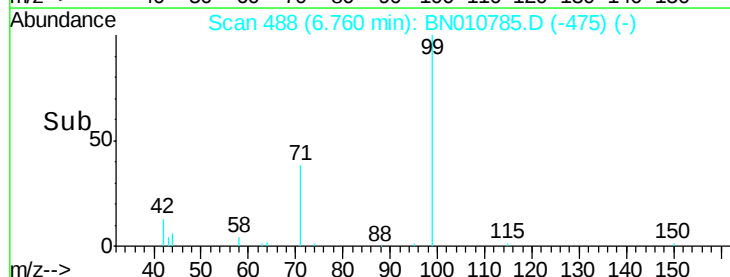
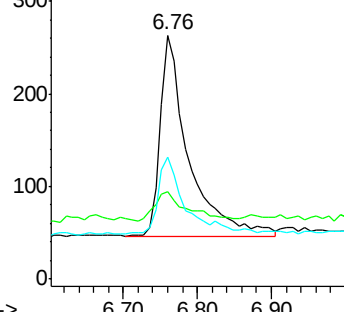
71 35.2 30.6 46.0

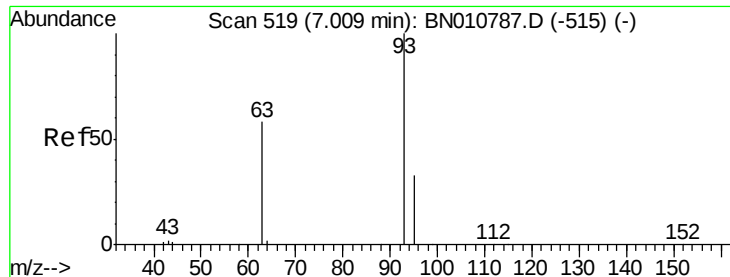


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.076 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

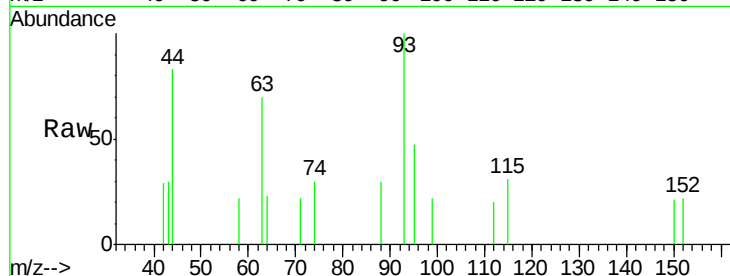
Tot Ion: 93 Resp: 445

Ion Ratio Lower Upper

93 100

63 60.9 46.2 69.4

95 38.7 27.6 41.4

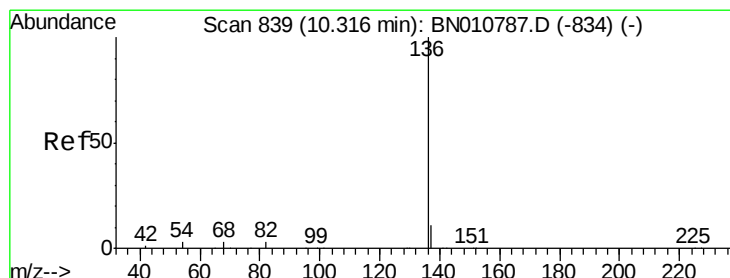
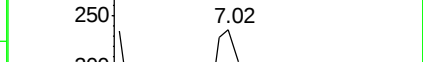
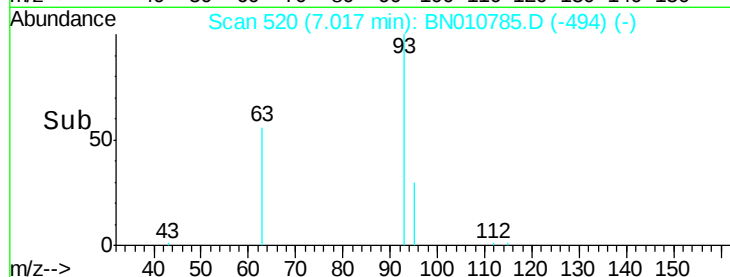


Abundance Ion 93.00 (92.70 to 93.70): BN010787.D (-515) (-)

Ion 63.00 (62.70 to 63.70): BN010787.D (-515) (-)

Ion 95.00 (94.70 to 95.70): BN010787.D (-515) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Tgt Ion: 136 Resp: 7912

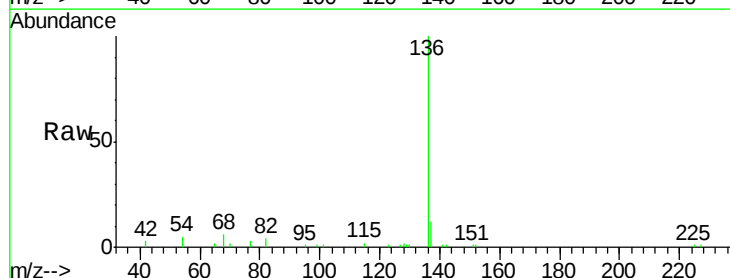
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 5.0 3.3 4.9#

68 5.7 3.4 5.2#



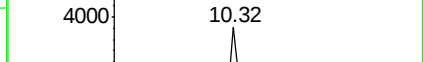
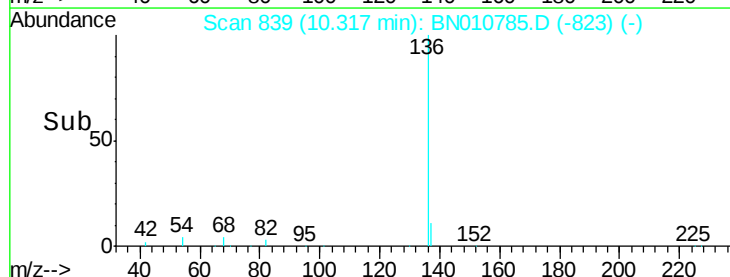
Abundance Ion 136.00 (135.70 to 136.70): BN010787.D (-834) (-)

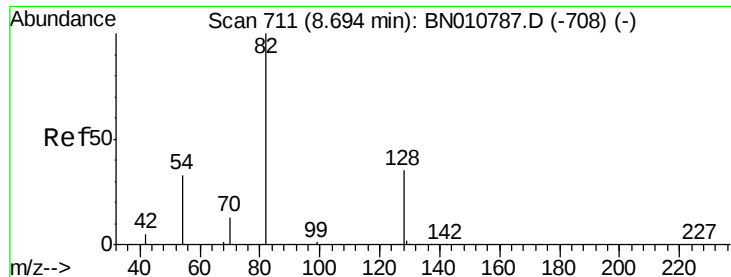
Ion 137.00 (136.70 to 137.70): BN010787.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010787.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010787.D (-834) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.097 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.03 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

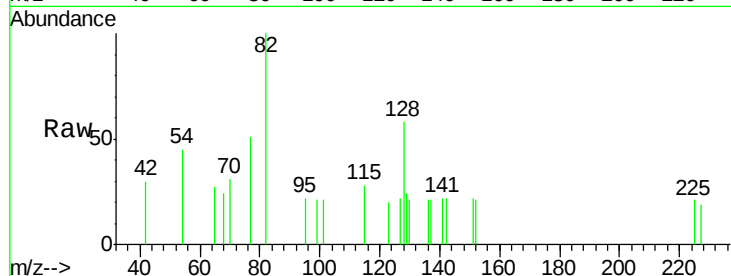
Tot Ion: 82 Resp: 532

Ion Ratio Lower Upper

82 100

128 58.1 31.4 47.0#

54 45.3 28.9 43.3#

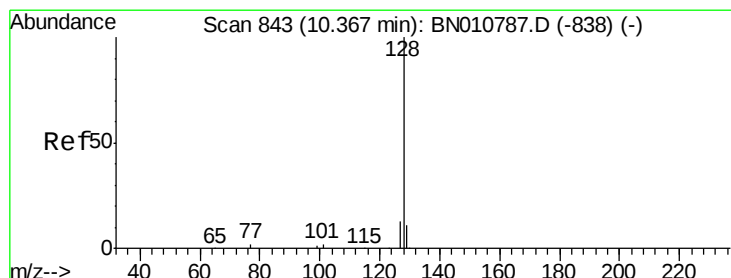
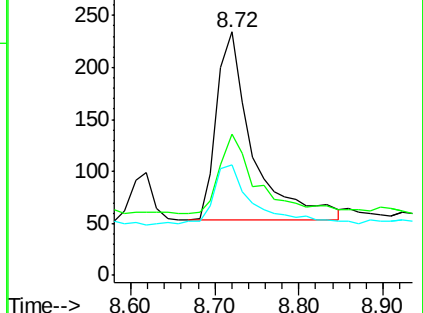
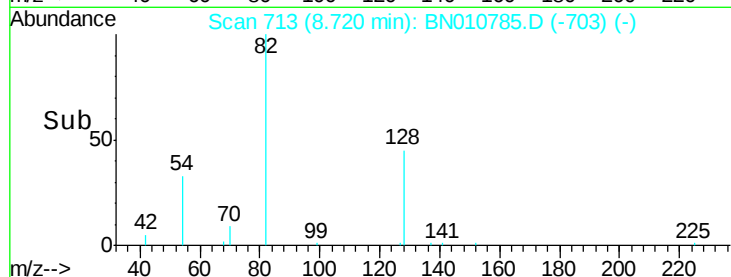


Abundance Ion 82.00 (81.70 to 82.70): BN010787.D (-708) (-)

Ion 128.00 (127.70 to 128.70): BN010787.D (-708) (-)

Ion 54.00 (53.70 to 54.70): BN010787.D (-708) (-)

Time-->



#9

Naphthalene

Concen: 0.098 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

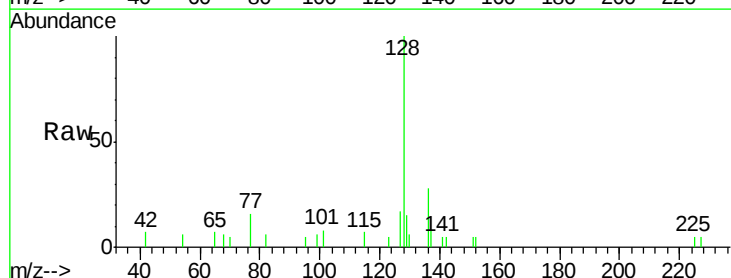
Tgt Ion: 128 Resp: 1955

Ion Ratio Lower Upper

128 100

129 15.4 9.4 14.2#

127 16.9 11.0 16.6#

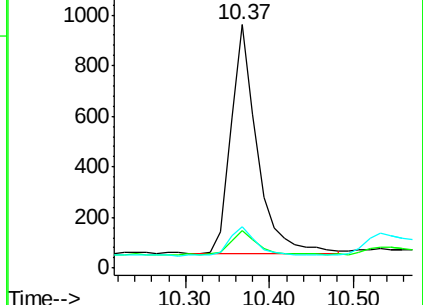
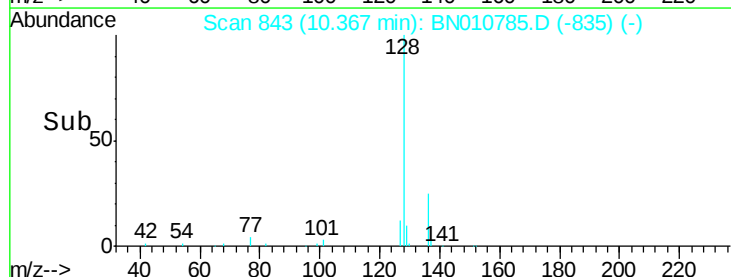


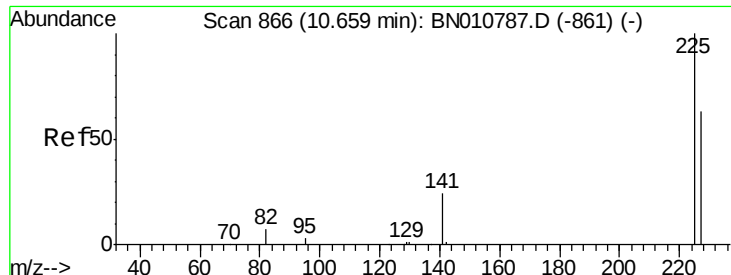
Abundance Ion 128.00 (127.70 to 128.70): BN010787.D (-838) (-)

Ion 129.00 (128.70 to 129.70): BN010787.D (-838) (-)

Ion 127.00 (126.70 to 127.70): BN010787.D (-838) (-)

Time-->

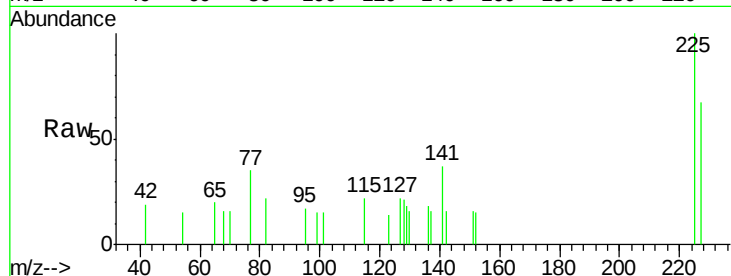




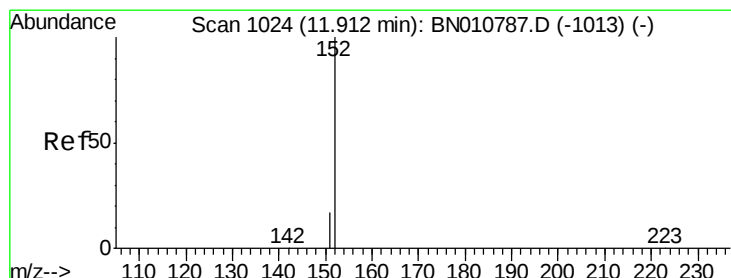
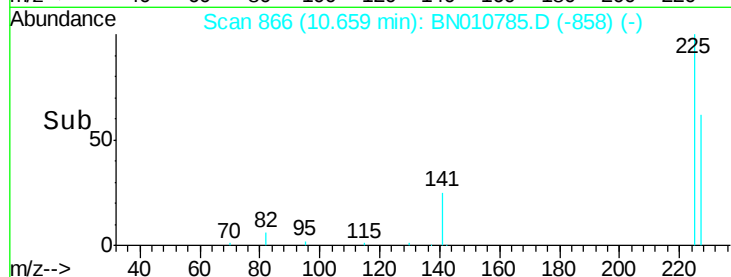
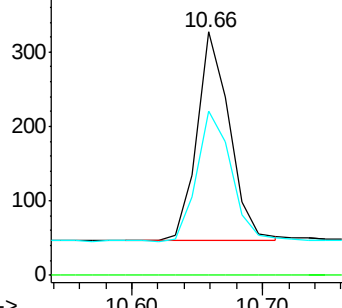
#10
Hexachlorobutadiene
Concen: 0.107 ng
RT: 10.66 min Scan# 866
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:225 Resp: 487
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.7 51.0 76.4

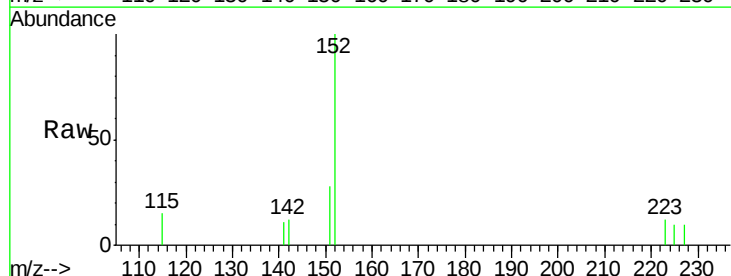


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

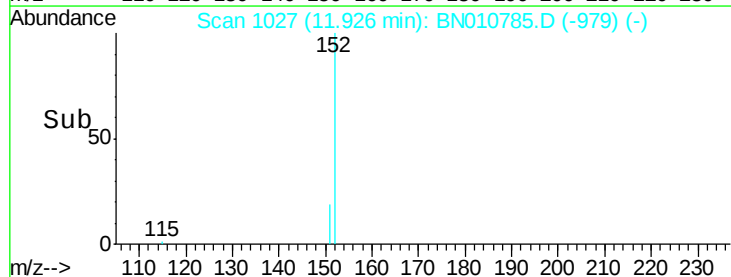
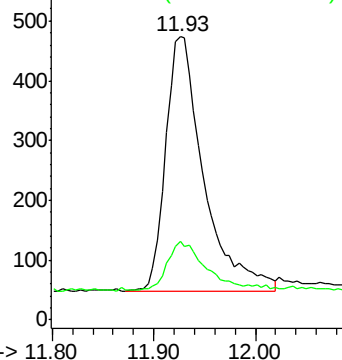


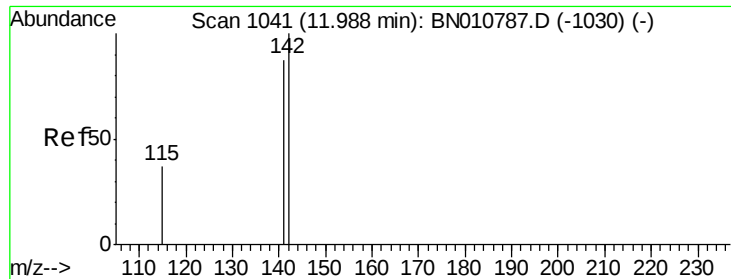
#11
2-Methylnaphthalene-d10
Concen: 0.086 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:152 Resp: 1108
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9



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

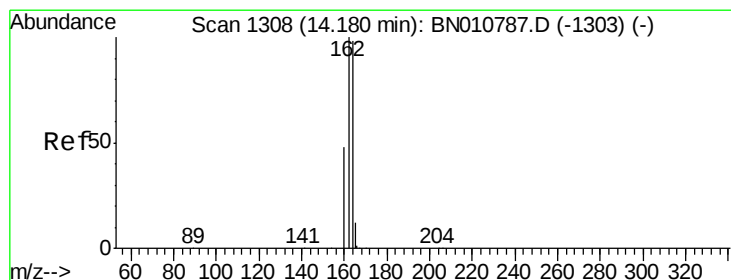
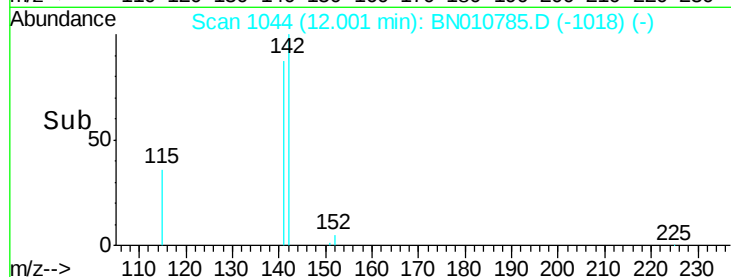
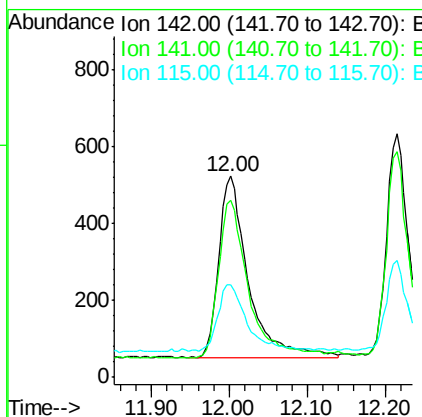
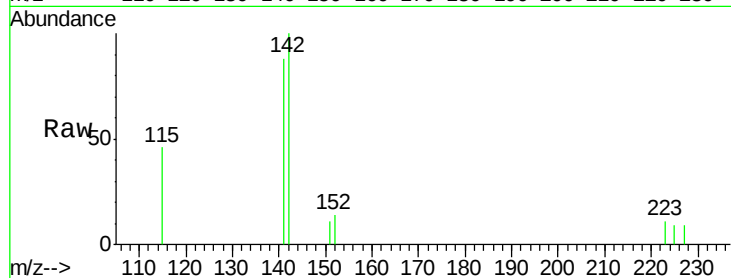




#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.00 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

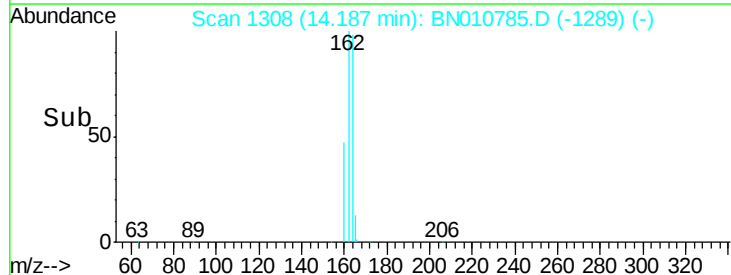
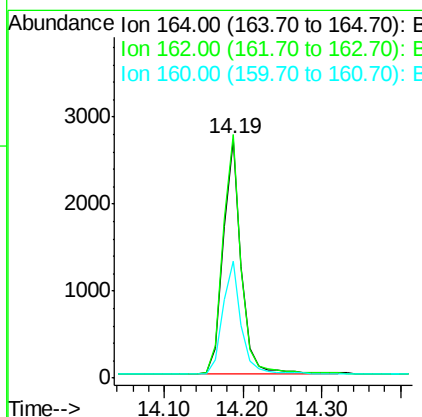
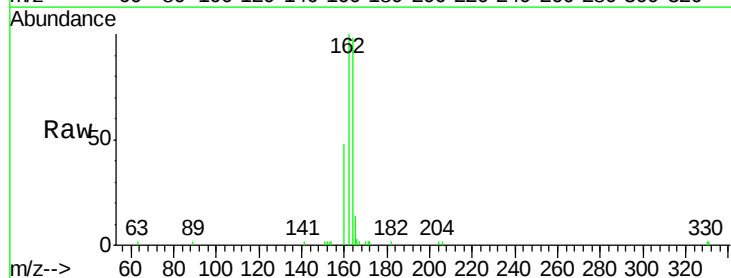
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

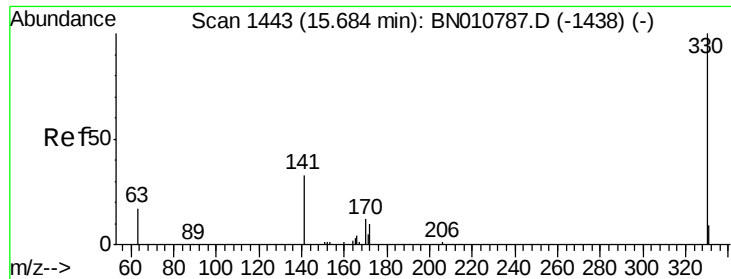
Tot Ion:142 Resp: 1233
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.6
115 46.2 31.0 46.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:164 Resp: 4367
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.8
160 48.8 40.2 60.2

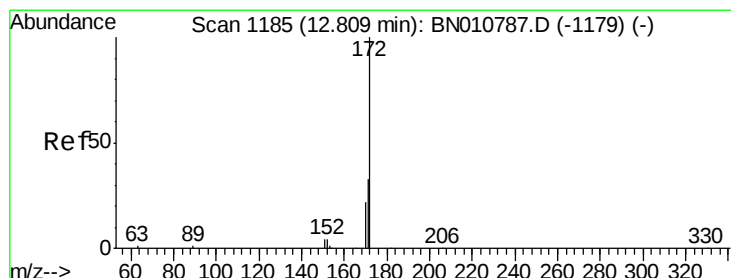
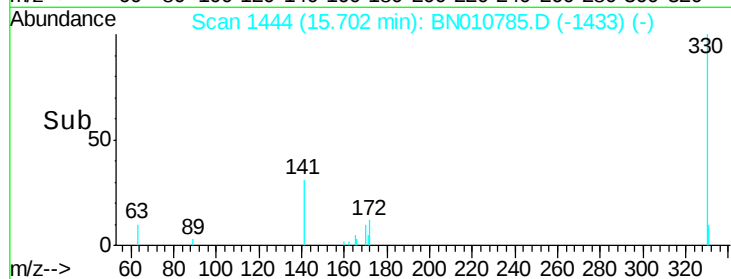
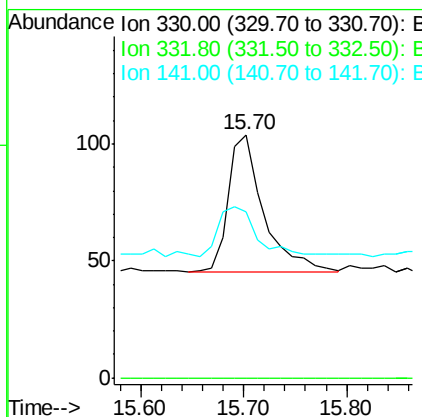
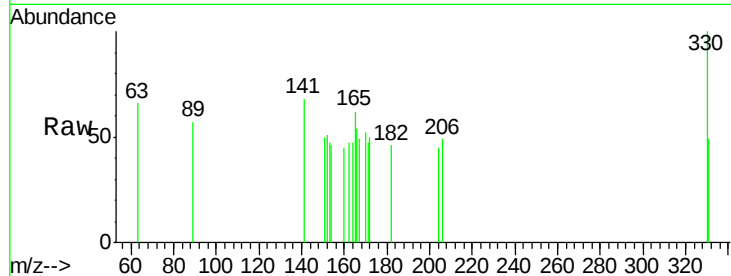




#14
 2,4,6-Tribromophenol
 Concen: 0.090 ng
 RT: 15.70 min Scan# 1444
 Delta R.T. 0.02 min
 Lab File: BN010785.D
 Acq: 05 Jun 2020 17:29

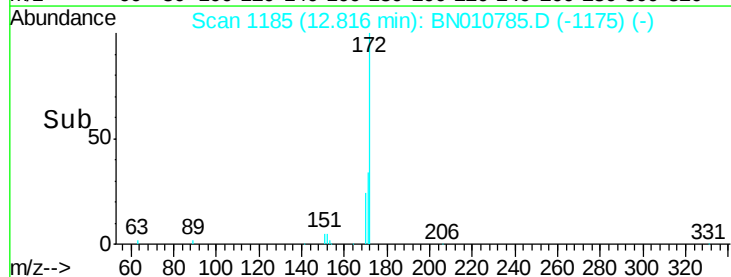
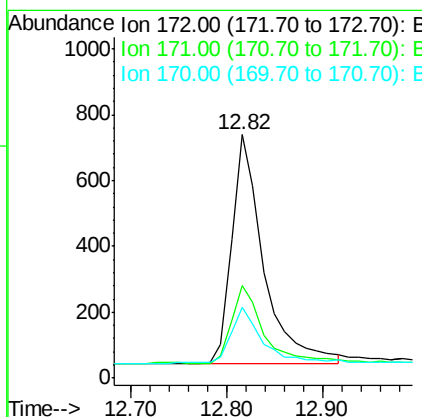
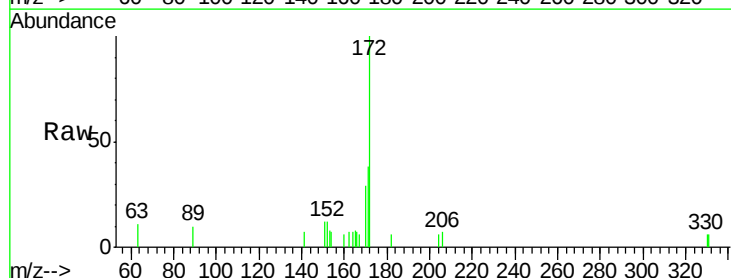
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

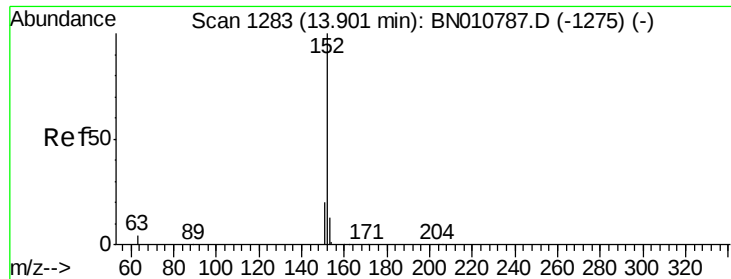
Tot Ion:330 Resp: 142
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.1 32.1 48.1



#15
 2-Fluorobiphenyl
 Concen: 0.100 ng
 RT: 12.82 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BN010785.D
 Acq: 05 Jun 2020 17:29

Tgt Ion:172 Resp: 1605
 Ion Ratio Lower Upper
 172 100
 171 37.9 27.2 40.8
 170 29.1 18.1 27.1#





#16

Acenaphthylene

Concen: 0.088 ng

RT: 13.91 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

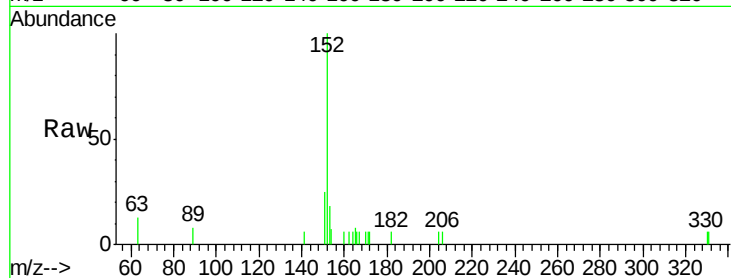
Tot Ion:152 Resp: 1568

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

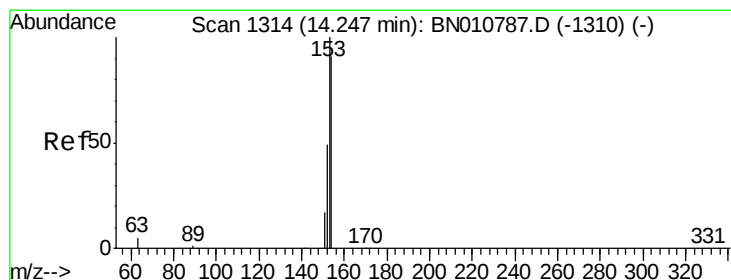
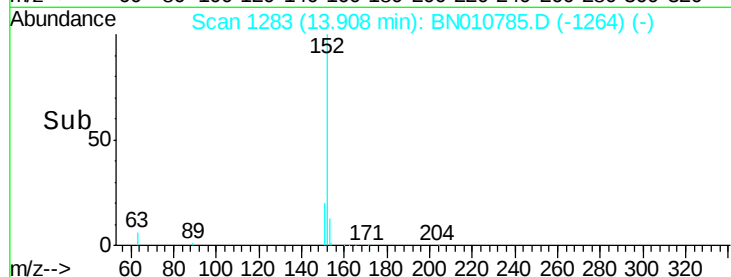
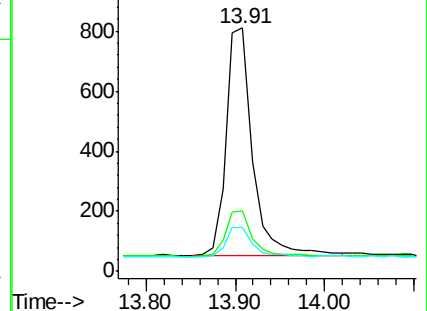
153 13.7 10.8 16.2



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



#17

Acenaphthene

Concen: 0.094 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

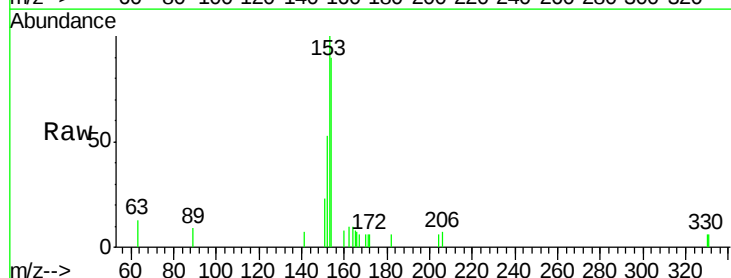
Tgt Ion:154 Resp: 1134

Ion Ratio Lower Upper

154 100

153 120.0 90.3 135.5

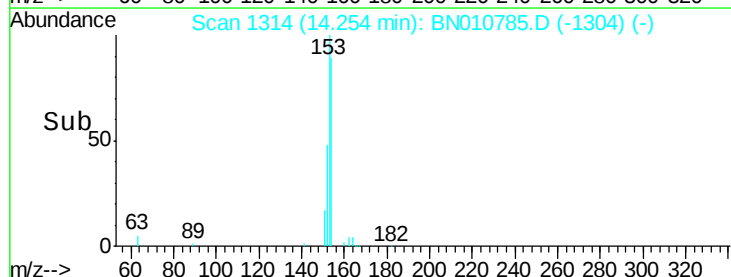
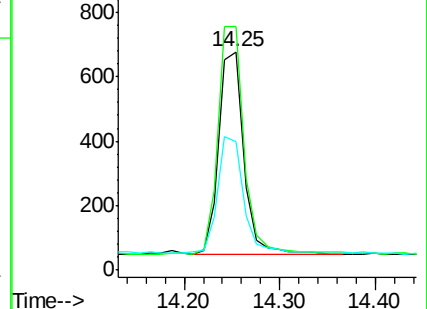
152 60.3 45.9 68.9

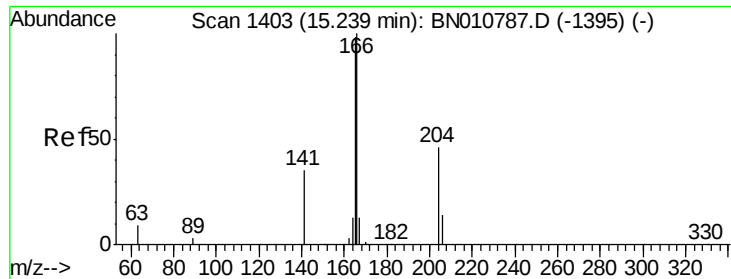


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.091 ng

RT: 15.25 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampled :

SSTDIC0.1

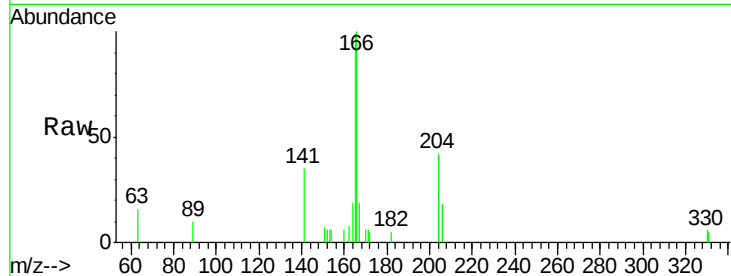
Tot Ion:166 Resp: 1444

Ion Ratio Lower Upper

166 100

165 95.6 79.0 118.4

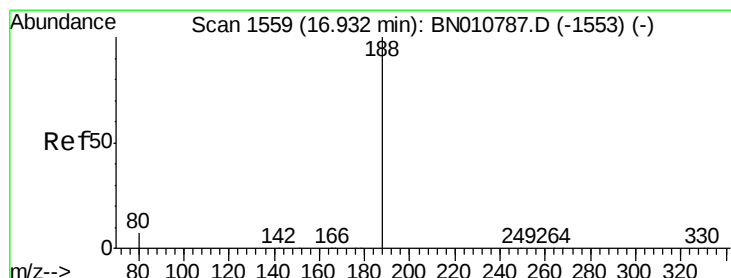
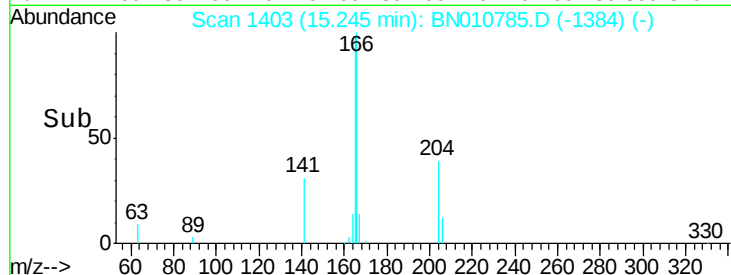
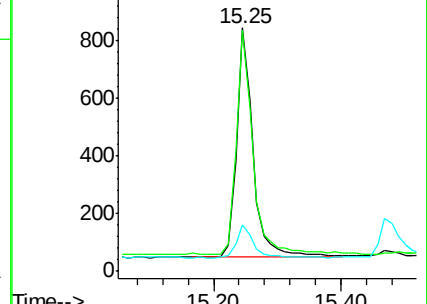
167 14.1 10.9 16.3



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: 16.94 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

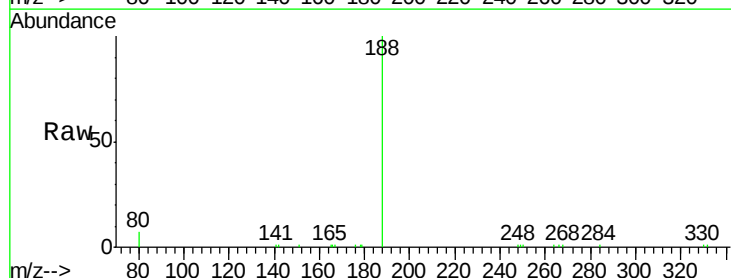
Tgt Ion:188 Resp: 8994

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

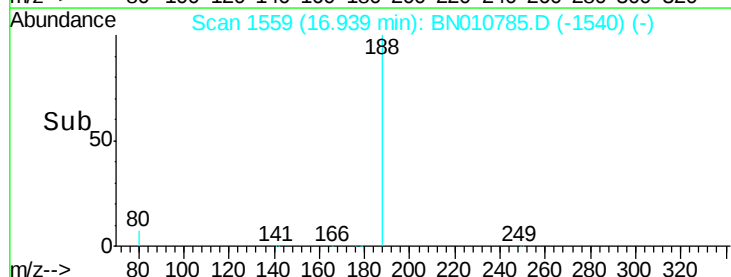
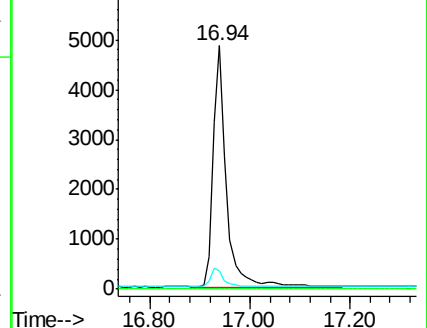
80 7.5 5.9 8.9

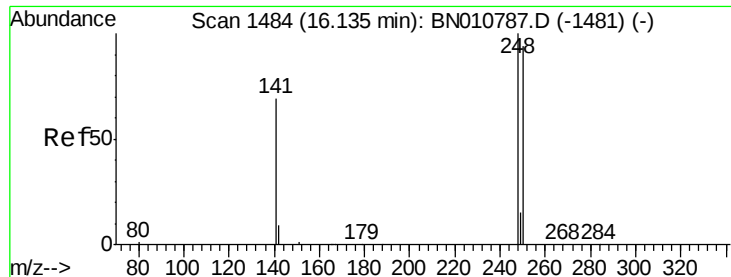


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

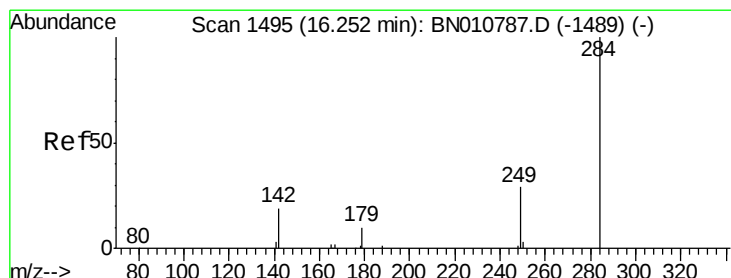
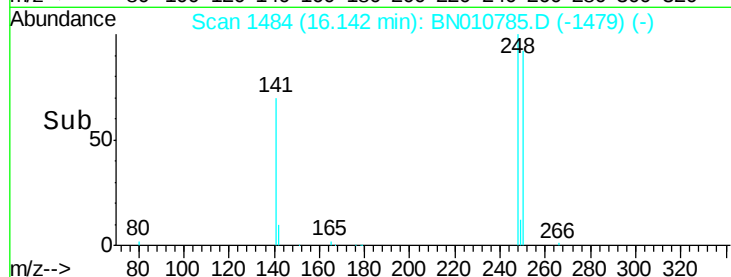
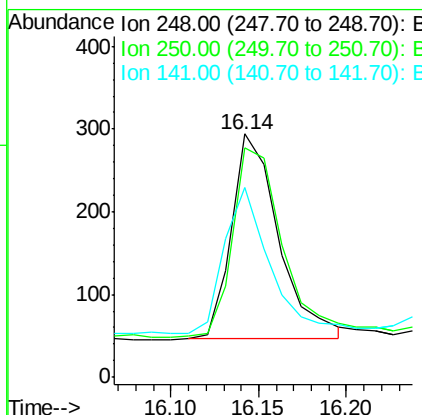
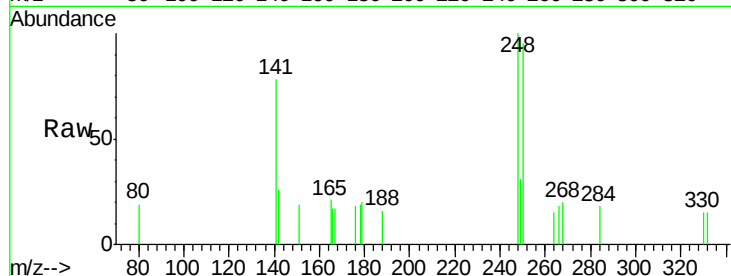




#20
4-Bromophenyl-phenylether
Concen: 0.094 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

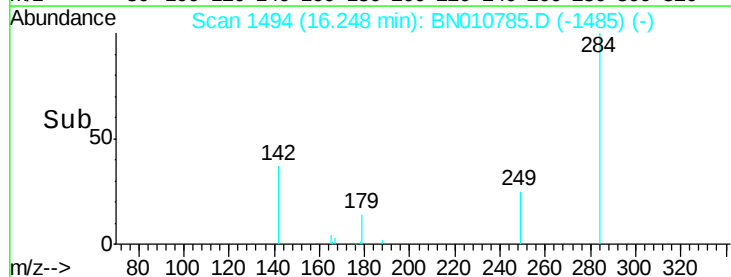
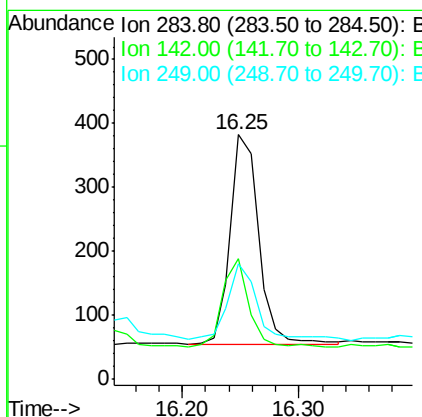
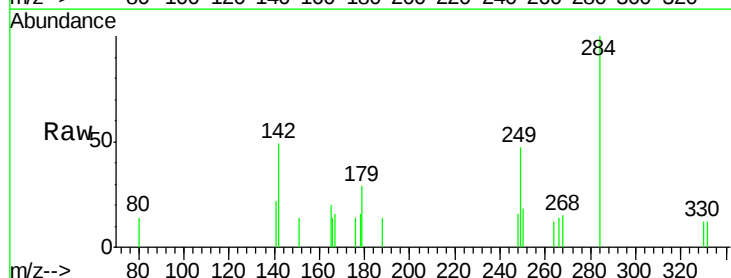
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

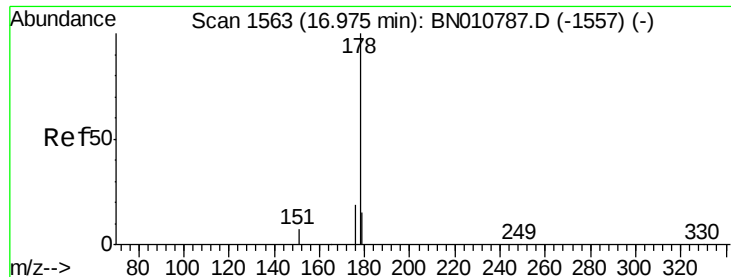
Tot Ion:248 Resp: 465
Ion Ratio Lower Upper
248 100
250 94.6 75.2 112.8
141 77.9 56.4 84.6



#21
Hexachlorobenzene
Concen: 0.094 ng
RT: 16.25 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:284 Resp: 553
Ion Ratio Lower Upper
284 100
142 38.3 31.1 46.7
249 38.0 26.6 39.8





#23

Phenanthrene

Concen: 0.094 ng

RT: 16.98 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

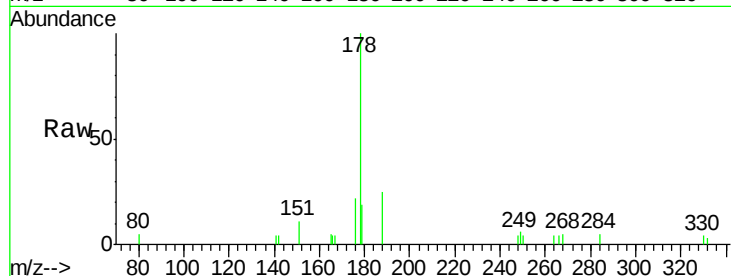
Tot Ion:178 Resp: 2272

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

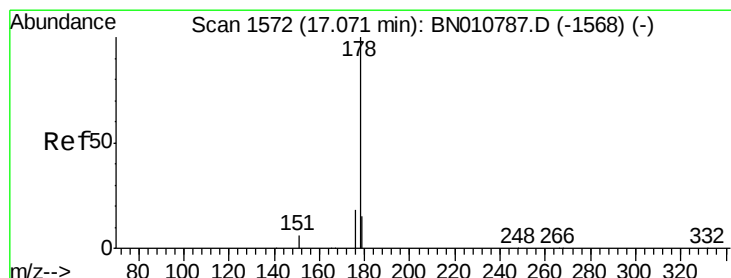
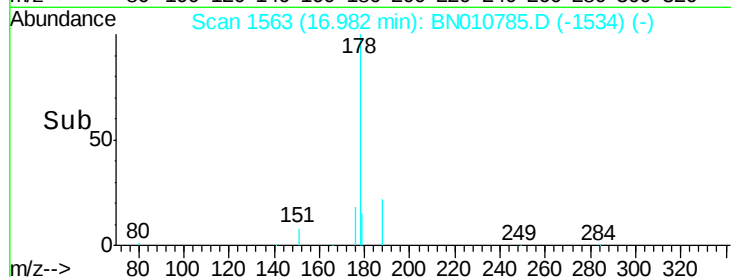
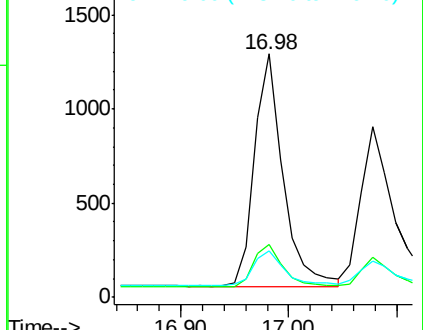
179 16.3 12.2 18.2



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: 0.090 ng

RT: 17.08 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

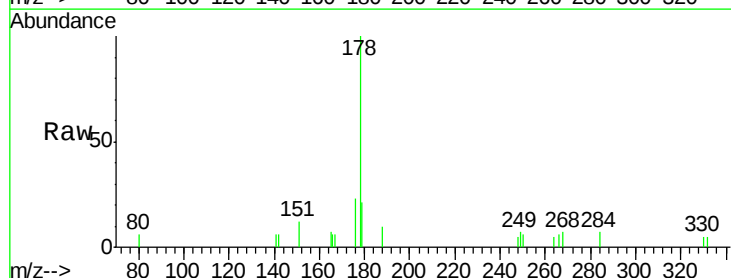
Tgt Ion:178 Resp: 1817

Ion Ratio Lower Upper

178 100

176 17.0 14.7 22.1

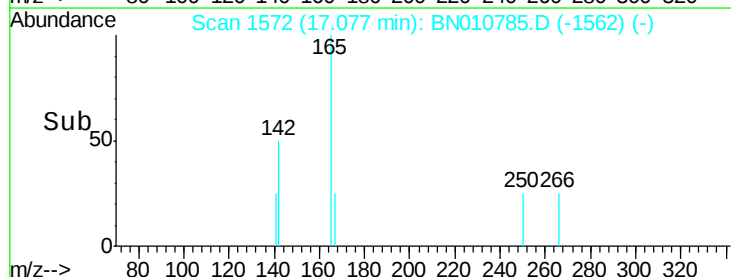
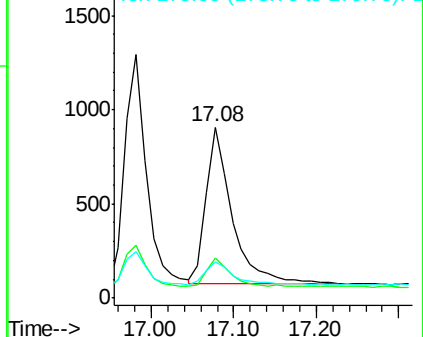
179 14.6 12.0 18.0

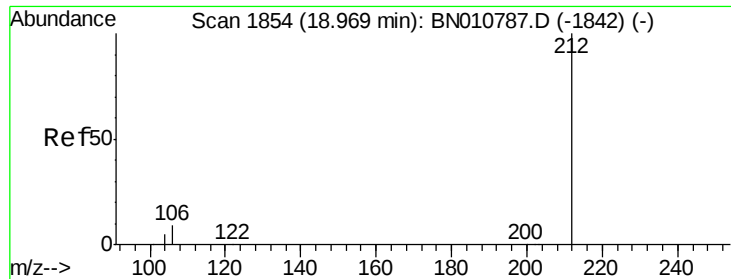


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.093 ng

RT: 18.98 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

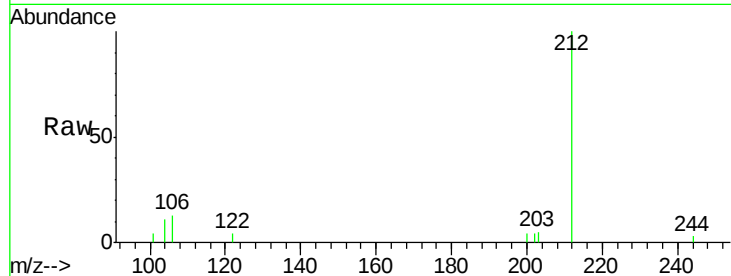
Tot Ion:212 Resp: 2273

Ion Ratio Lower Upper

212 100

106 9.0 7.1 10.7

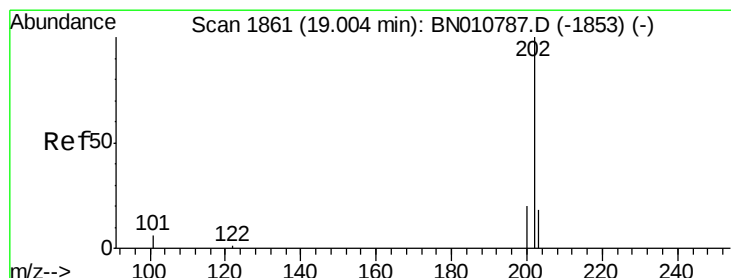
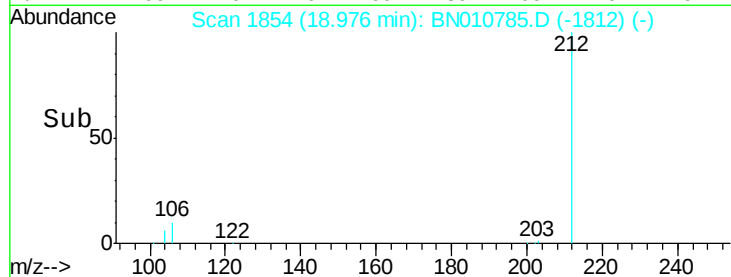
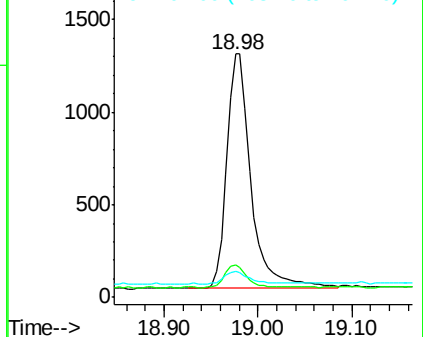
104 5.4 4.1 6.1



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: 0.093 ng

RT: 19.01 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

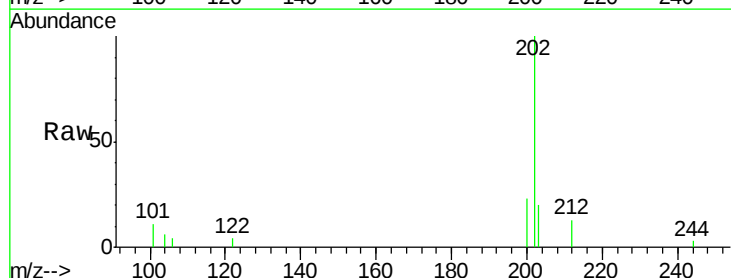
Tgt Ion:202 Resp: 2548

Ion Ratio Lower Upper

202 100

101 7.6 6.2 9.4

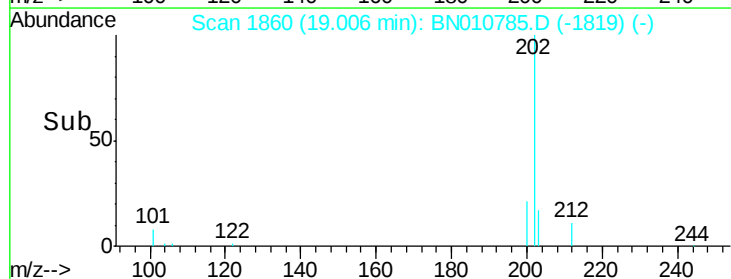
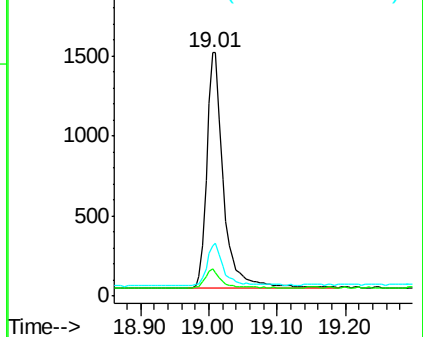
203 16.9 13.6 20.4

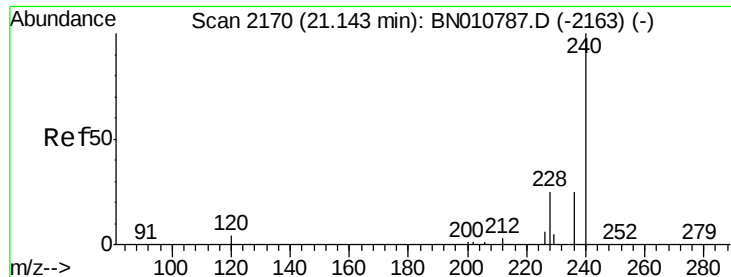


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

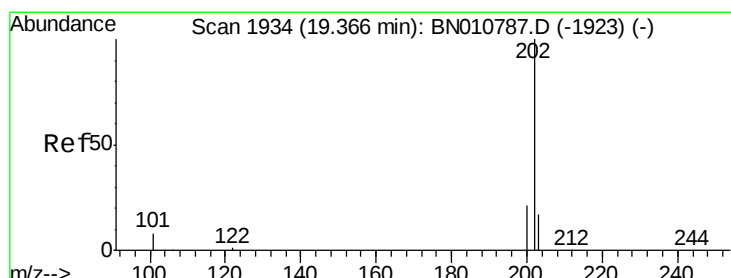
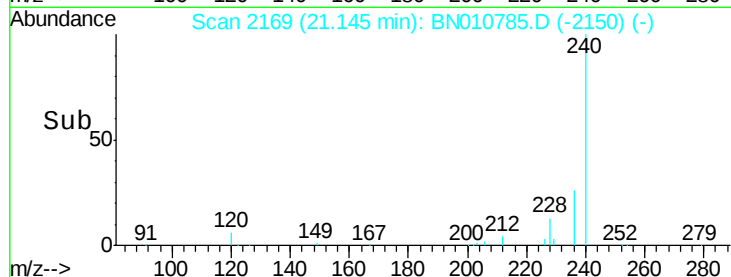
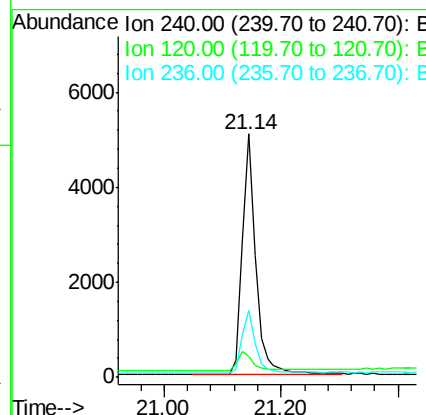
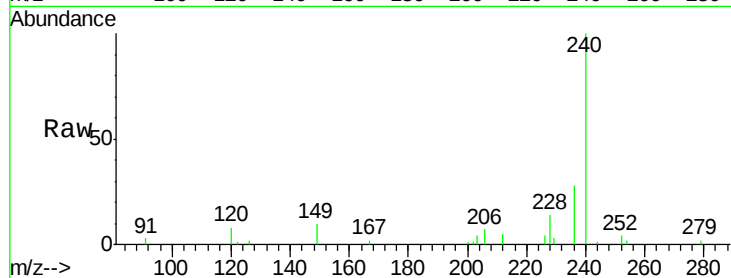




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.14 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

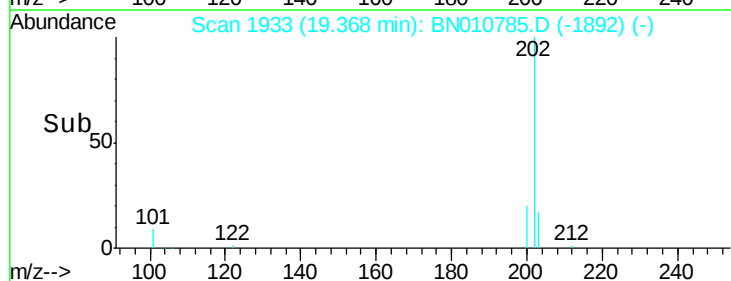
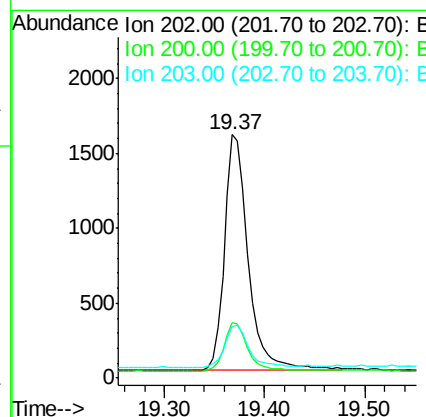
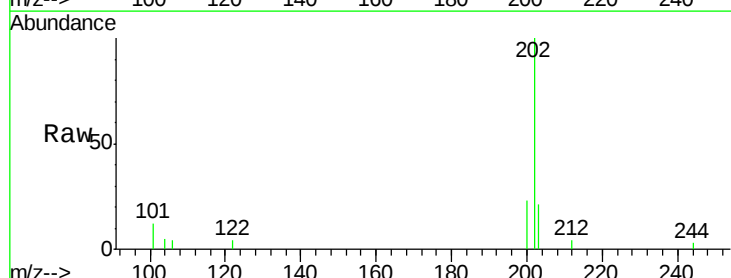
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

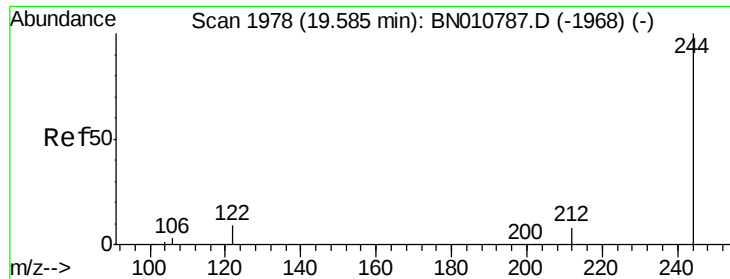
Tot Ion:240 Resp: 8139
Ion Ratio Lower Upper
240 100
120 8.4 5.2 7.8#
236 27.7 21.3 31.9



#28
Pyrene
Concen: 0.089 ng
RT: 19.37 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN010785.D
Acq: 05 Jun 2020 17:29

Tgt Ion:202 Resp: 2603
Ion Ratio Lower Upper
202 100
200 19.9 16.5 24.7
203 18.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.094 ng

RT: 19.59 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

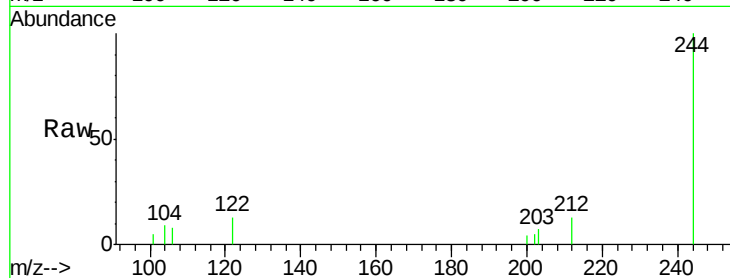
Tot Ion:244 Resp: 1819

Ion Ratio Lower Upper

244 100

212 12.6 7.2 10.8#

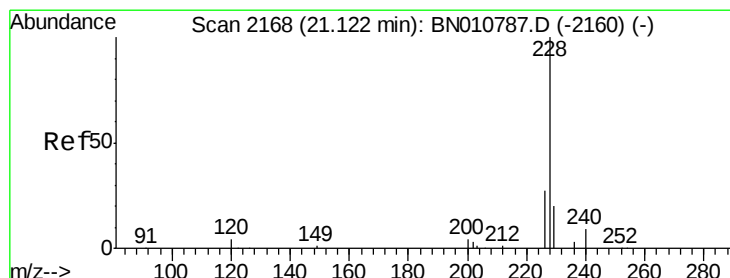
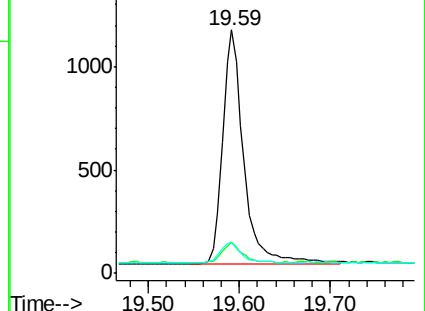
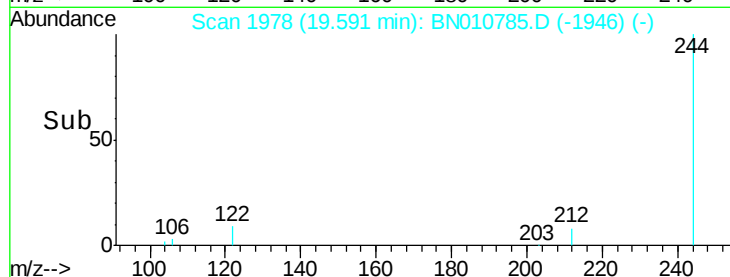
122 12.8 7.8 11.6#



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: 0.092 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

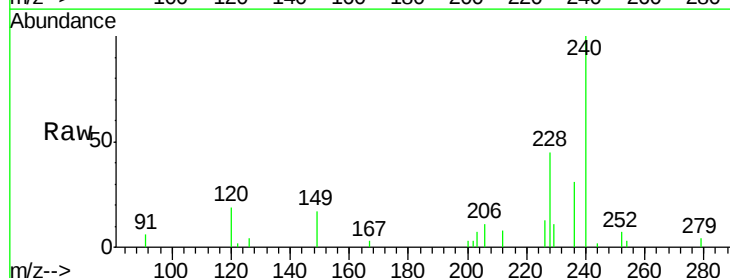
Tgt Ion:228 Resp: 2187

Ion Ratio Lower Upper

228 100

226 28.4 21.9 32.9

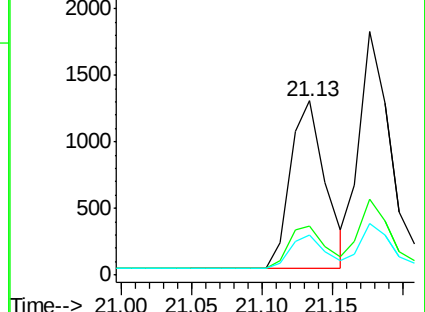
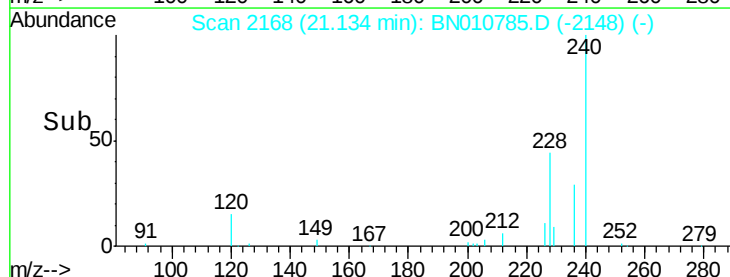
229 23.4 16.2 24.2

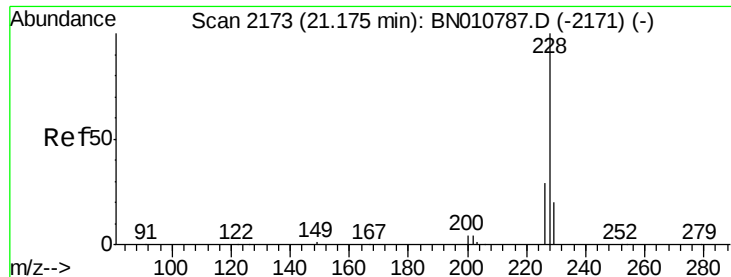


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.105 ng

RT: 21.18 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

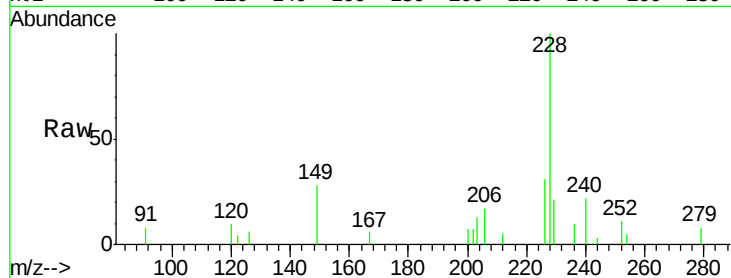
Tot Ion:228 Resp: 2823

Ion Ratio Lower Upper

228 100

226 31.3 23.9 35.9

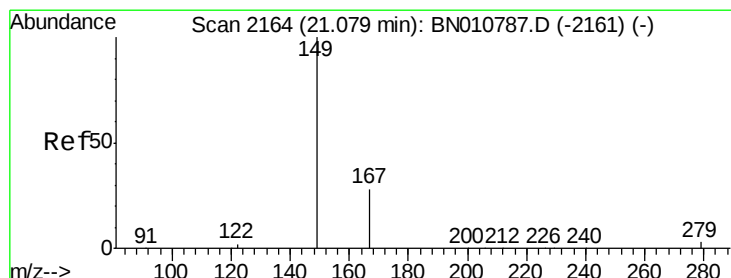
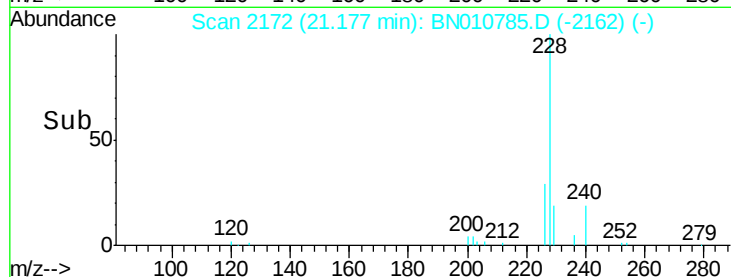
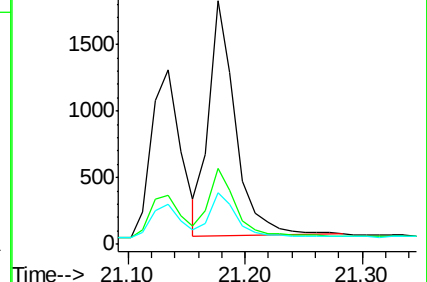
229 21.3 16.3 24.5



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: 0.085 ng

RT: 21.08 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

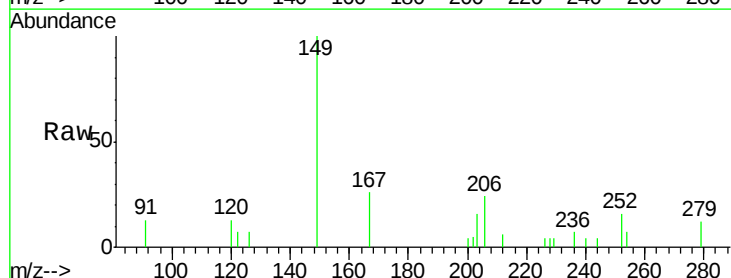
Tgt Ion:149 Resp: 884

Ion Ratio Lower Upper

149 100

167 28.1 22.9 34.3

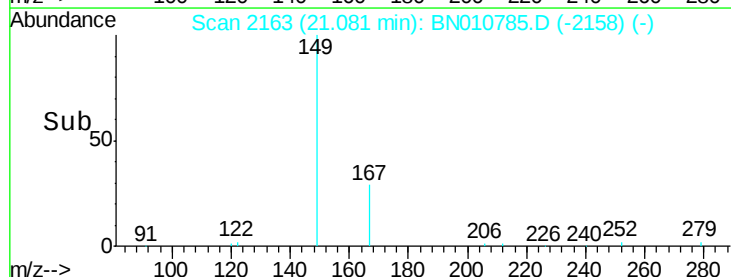
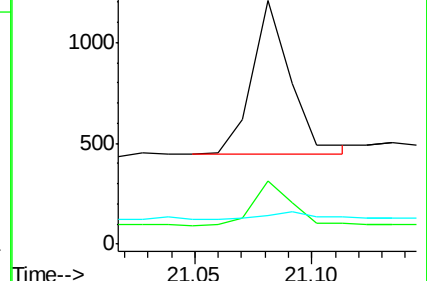
279 6.3 4.2 6.2#

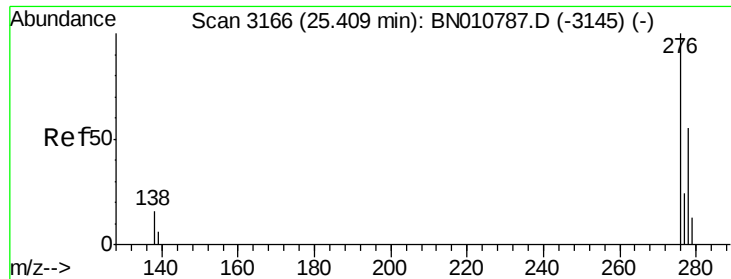


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.136 ng

RT: 25.42 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

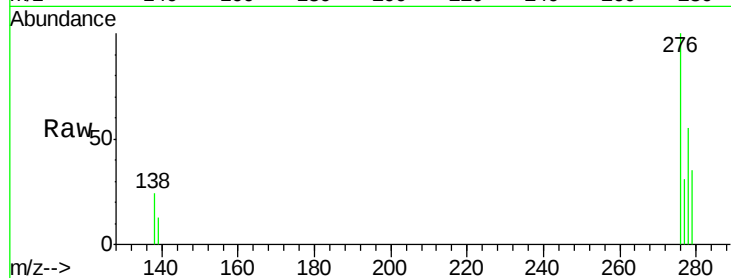
Tot Ion:276 Resp: 3242

Ion Ratio Lower Upper

276 100

138 15.1 15.1 22.7#

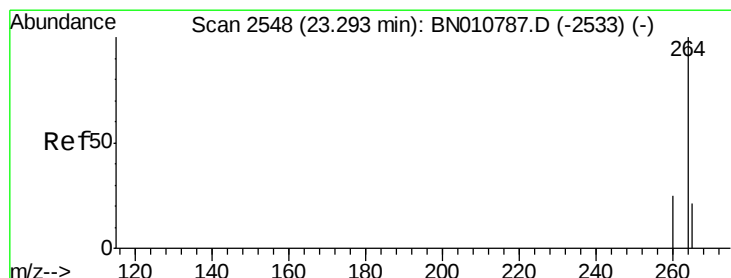
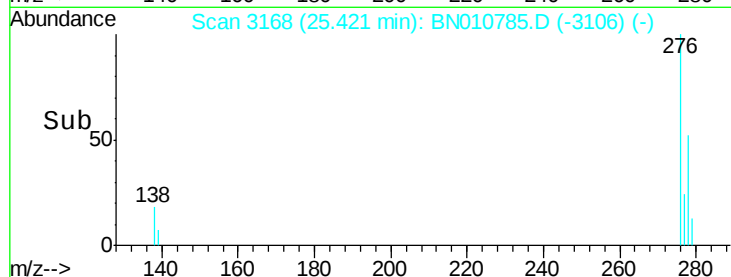
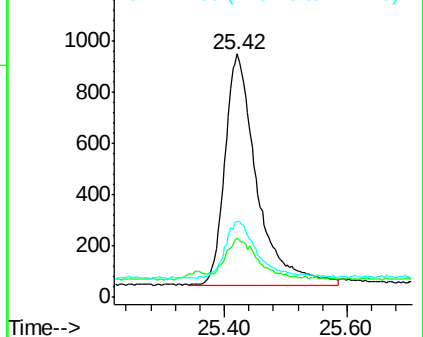
277 24.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.30 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

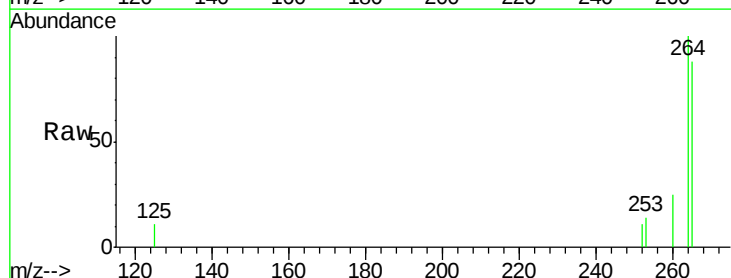
Tgt Ion:264 Resp: 8548

Ion Ratio Lower Upper

264 100

260 25.0 20.3 30.5

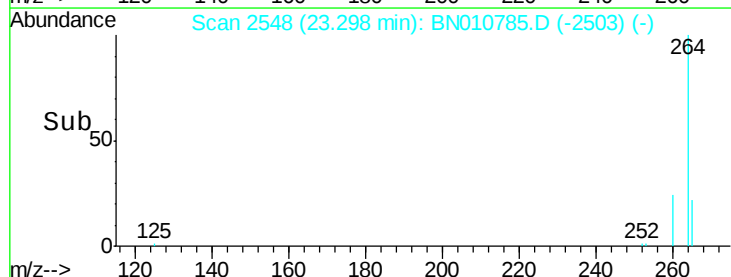
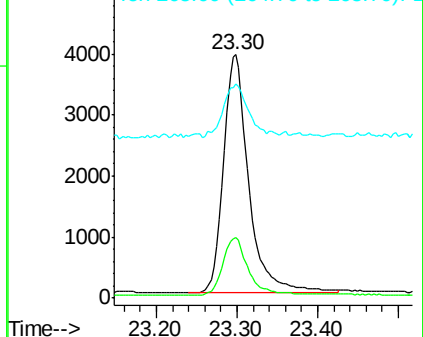
265 87.7 61.7 92.5

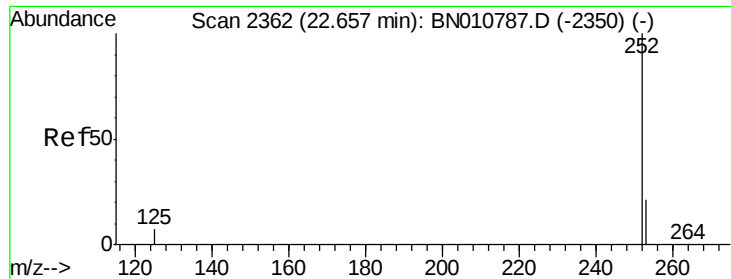


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.089 ng

RT: 22.66 min Scan# 2362

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

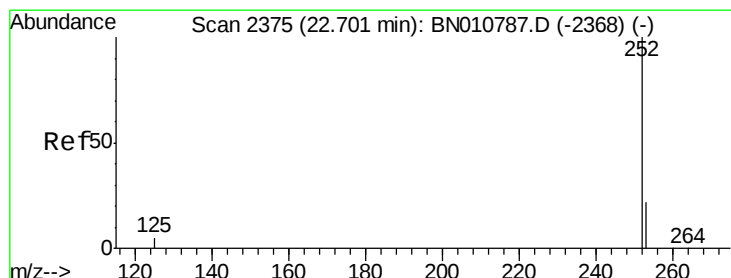
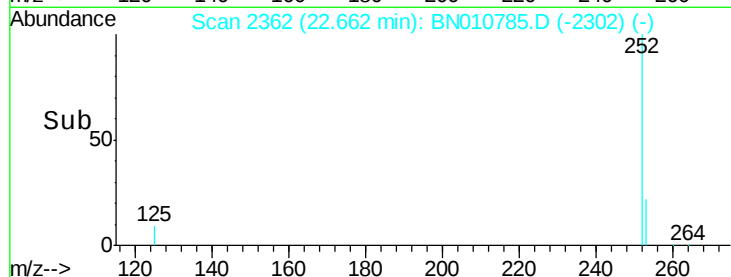
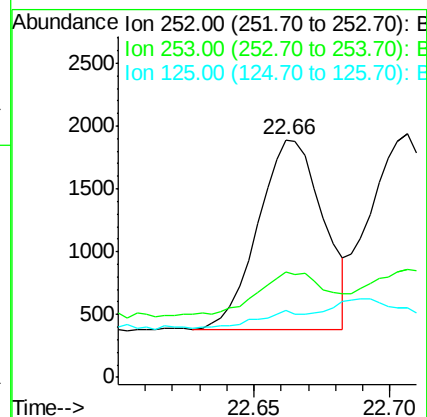
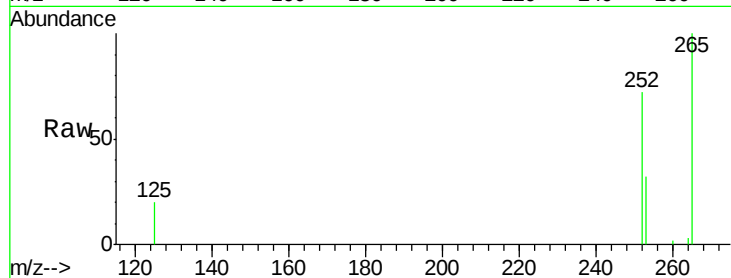
Tot Ion:252 Resp: 2502

Ion Ratio Lower Upper

252 100

253 44.2 21.5 32.3#

125 28.2 9.2 13.8#



#36

Benzo(k)fluoranthene

Concen: 0.096 ng

RT: 22.71 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

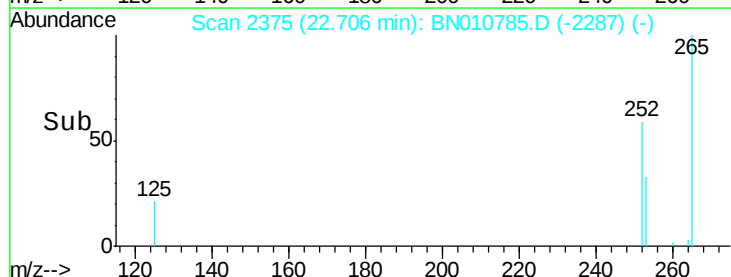
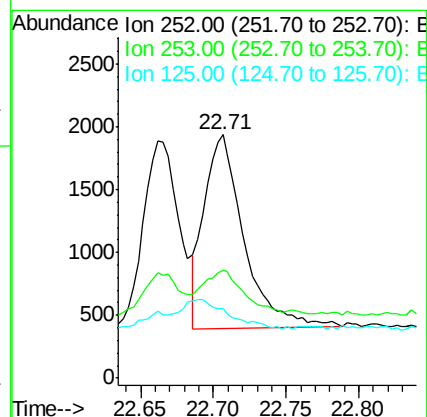
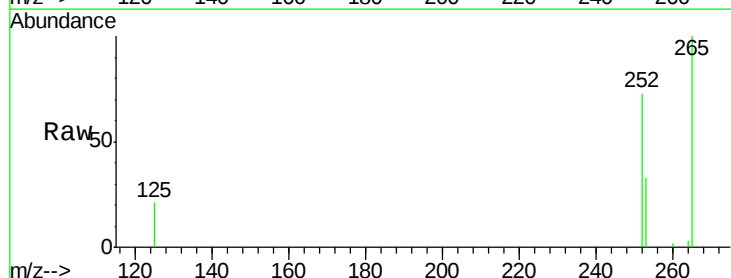
Tgt Ion:252 Resp: 2915

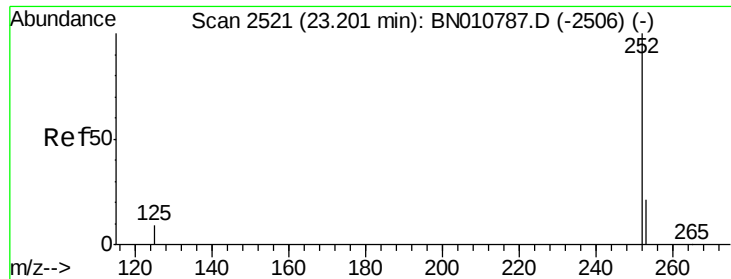
Ion Ratio Lower Upper

252 100

253 44.5 21.8 32.8#

125 28.3 10.5 15.7#





#37

Benzo(a)pyrene

Concen: 0.095 ng

RT: 23.21 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

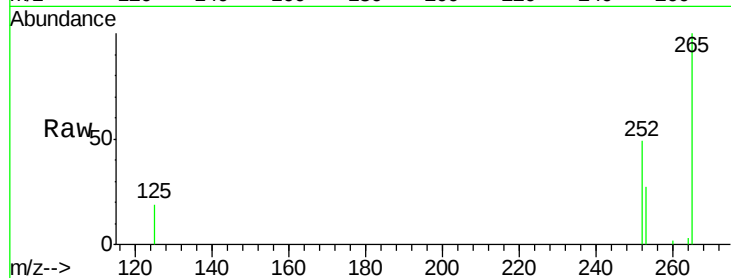
Tot Ion:252 Resp: 2321

Ion Ratio Lower Upper

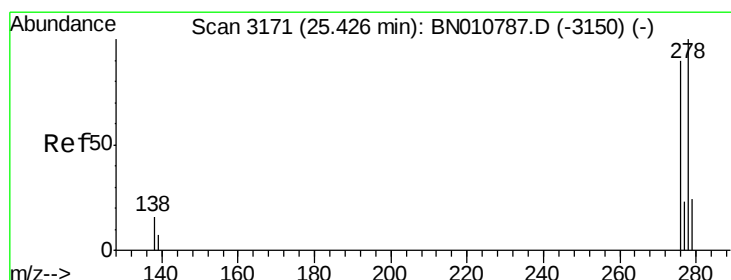
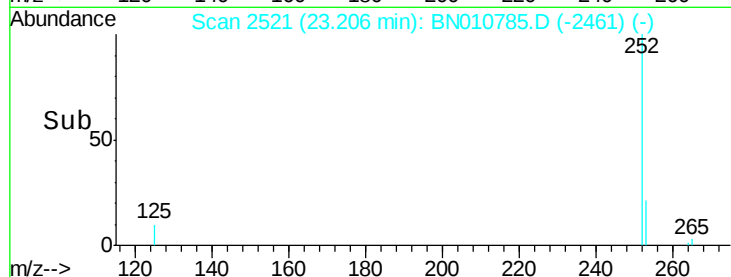
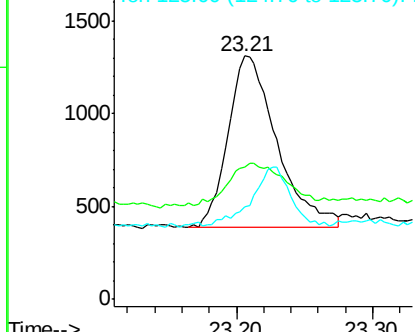
252 100

253 54.2 32.0 48.0#

125 38.3 16.0 24.0#



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: 0.118 ng

RT: 25.44 min Scan# 3173

Delta R.T. 0.01 min

Lab File: BN010785.D

Acq: 05 Jun 2020 17:29

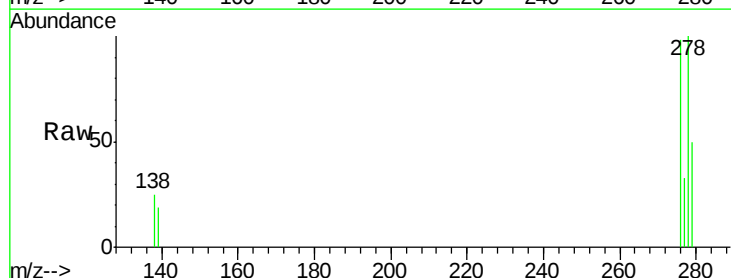
Tgt Ion:278 Resp: 2468

Ion Ratio Lower Upper

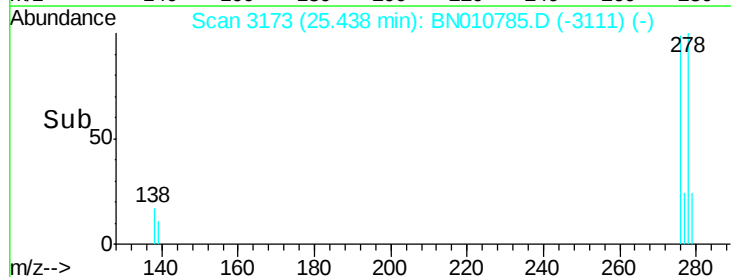
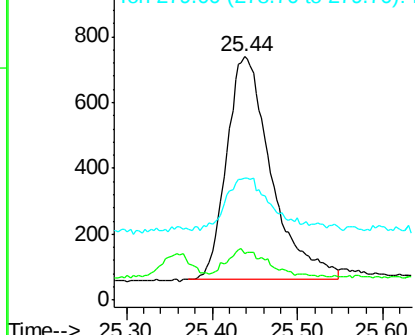
278 100

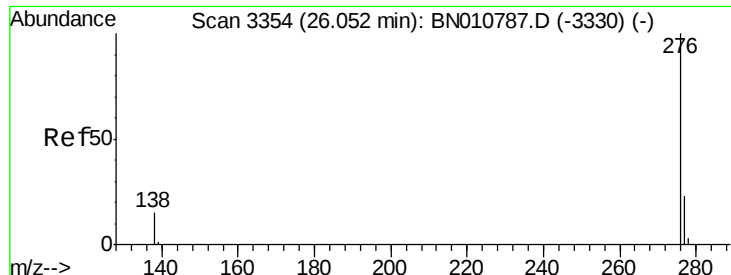
139 19.2 10.7 16.1#

279 50.3 22.9 34.3#



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: 0.113 ng

RT: 26.06 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BN010785.D

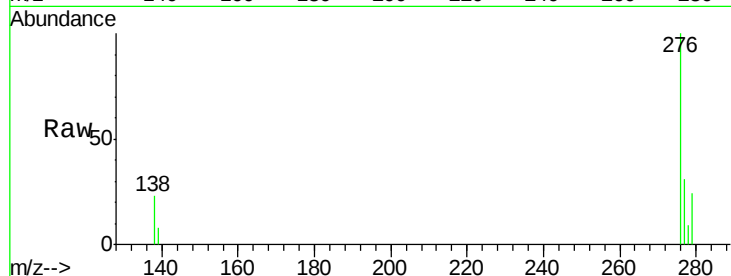
Acq: 05 Jun 2020 17:29

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1



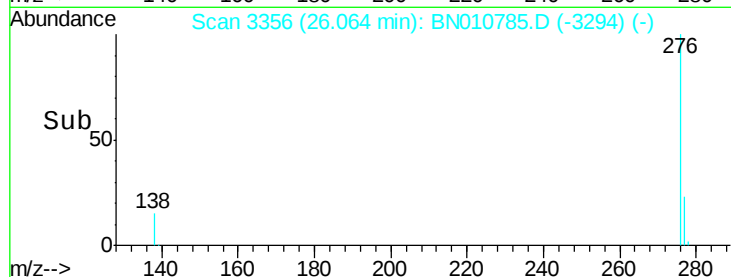
Tot Ion: 276 Resp: 2762

Ion Ratio Lower Upper

276 100

277 30.6 19.9 29.9#

138 22.9 13.6 20.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

