

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010284.D
 Acq On : 19 Mar 2020 11:04
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Mar 19 15:21:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3847	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13170	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	7778	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	18685	0.40	ng	0.00
27) Chrysene-d12	21.19	240	19451	0.40	ng	0.00
34) Perylene-d12	23.36	264	20335	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	803	0.09	ng	0.00
5) Phenol-d6	6.80	99	958	0.08	ng	0.00
8) Nitrobenzene-d5	8.75	82	843	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	2009	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	263	0.09	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	2923	0.11	ng	0.00
25) Fluoranthene-d10	19.02	212	5331	0.09	ng	0.00
29) Terphenyl-d14	19.64	244	4245	0.10	ng	0.00

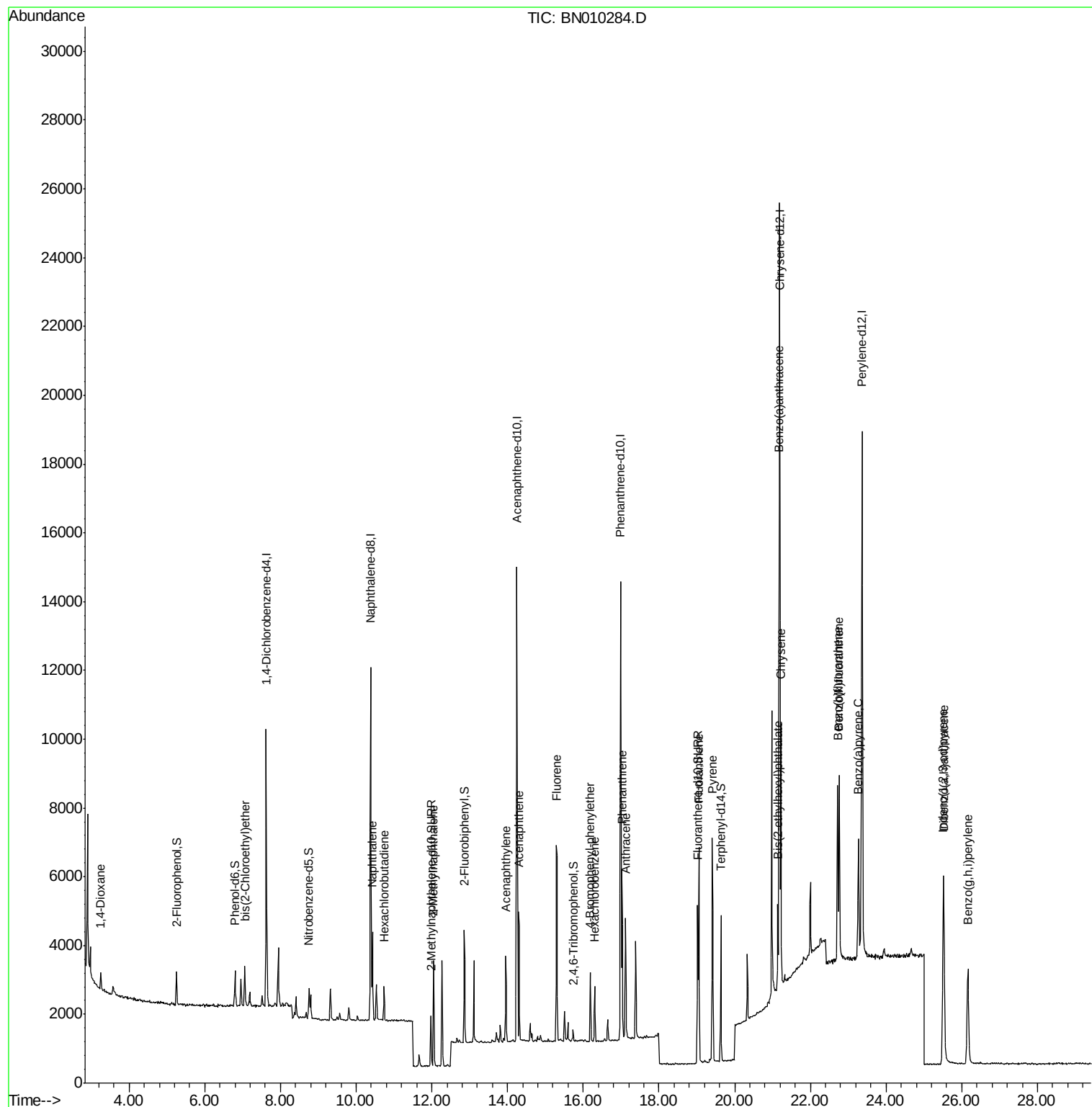
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.26	88	357	0.095	ng	97
6) bis(2-Chloroethyl)ether	7.06	93	923	0.098	ng	95
9) Naphthalene	10.43	128	3207	0.097	ng	96
10) Hexachlorobutadiene	10.73	225	810	0.107	ng	# 96
12) 2-Methylnaphthalene	12.05	142	2166	0.091	ng	95
16) Acenaphthylene	13.95	152	2770	0.077	ng	98
17) Acenaphthene	14.30	154	2015	0.093	ng	96
18) Fluorene	15.29	166	2695	0.091	ng	99
20) 4-Bromophenyl-phenylether	16.18	248	1059	0.099	ng	# 89
21) Hexachlorobenzene	16.30	284	1122	0.107	ng	97
23) Phenanthrene	17.02	178	4915	0.099	ng	99
24) Anthracene	17.12	178	3979	0.081	ng	100
26) Fluoranthene	19.05	202	5847	0.093	ng	99
28) Pyrene	19.41	202	6021	0.093	ng	100
30) Benzo(a)anthracene	21.18	228	5960	0.090	ng	99
31) Chrysene	21.22	228	6723	0.103	ng	97
32) Bis(2-ethylhexyl)phthalate	21.13	149	2048	0.073	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	6800	0.088	ng	99
35) Benzo(b)fluoranthene	22.72	252	6507	0.104	ng	# 86
36) Benzo(k)fluoranthene	22.76	252	6574	0.104	ng	# 86
37) Benzo(a)pyrene	23.27	252	5268	0.089	ng	# 81
38) Dibenzo(a,h)anthracene	25.52	278	5436	0.092	ng	# 87
39) Benzo(g,h,i)perylene	26.16	276	5832	0.099	ng	95

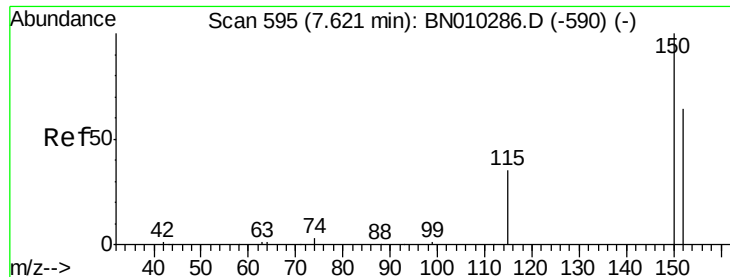
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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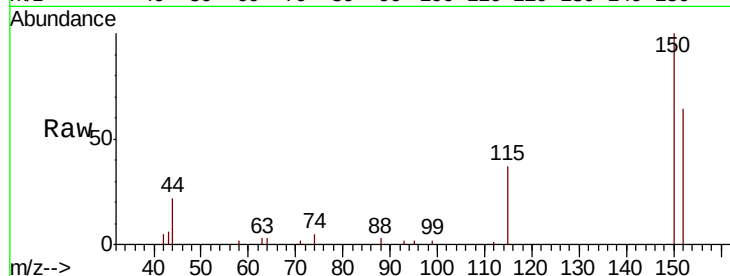


#1

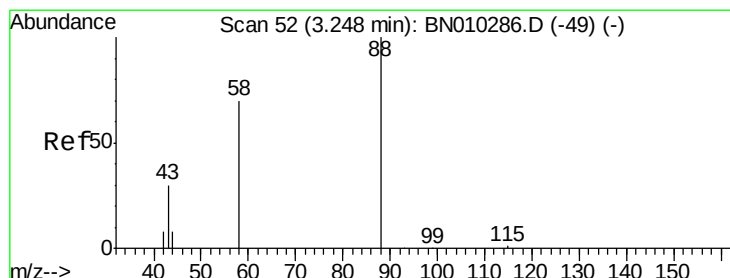
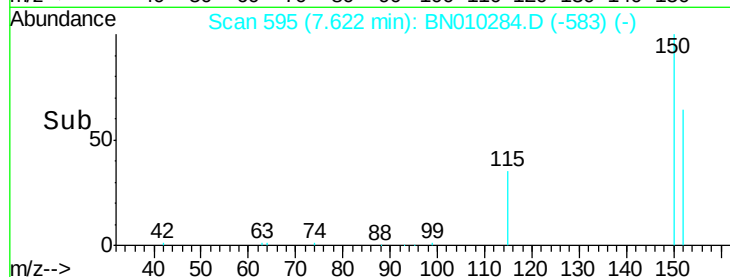
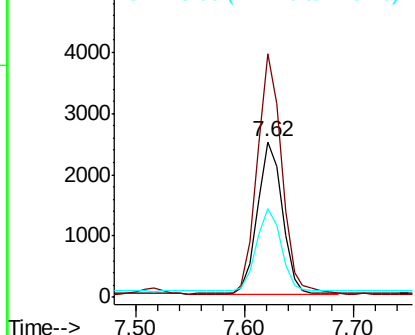
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 3847
Ion Ratio Lower Upper
152 100
150 156.5 123.1 184.7
115 57.4 45.2 67.8



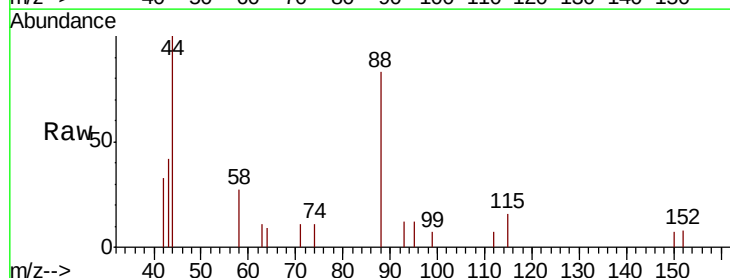
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



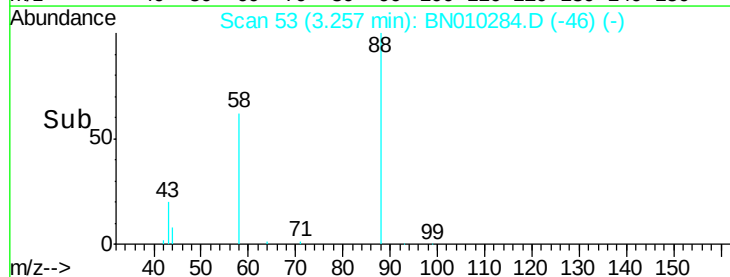
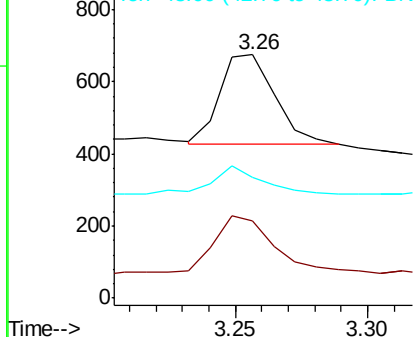
#2

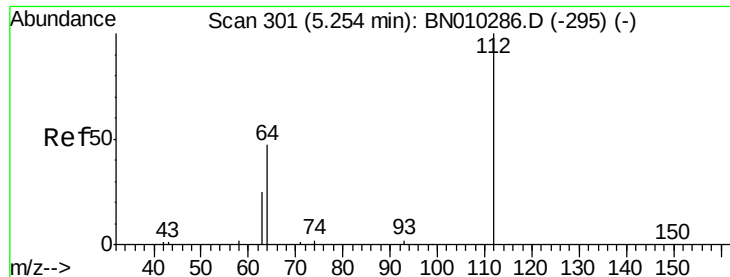
1,4-Dioxane
Concen: 0.095 ng
RT: 3.26 min Scan# 53
Delta R.T. 0.01 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

Tgt Ion: 88 Resp: 357
Ion Ratio Lower Upper
88 100
58 66.9 51.7 77.5
43 28.3 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.089 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

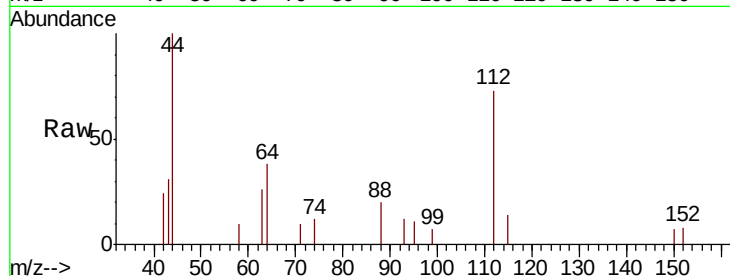
Tot Ion:112 Resp: 803

Ion Ratio Lower Upper

112 100

64 51.3 41.4 62.2

63 27.8 22.9 34.3

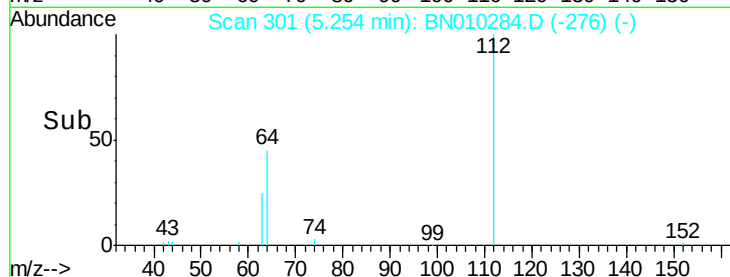


Abundance Ion 112.00 (111.70 to 112.70): B

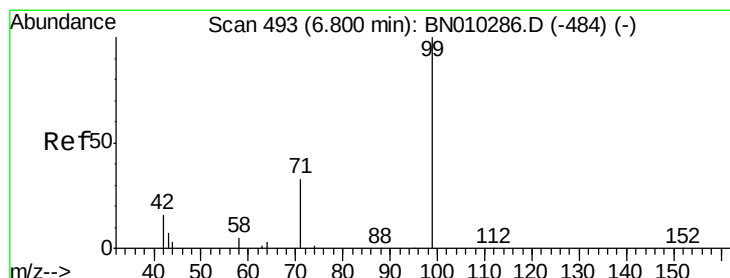
Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

Time-->



Time-->



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

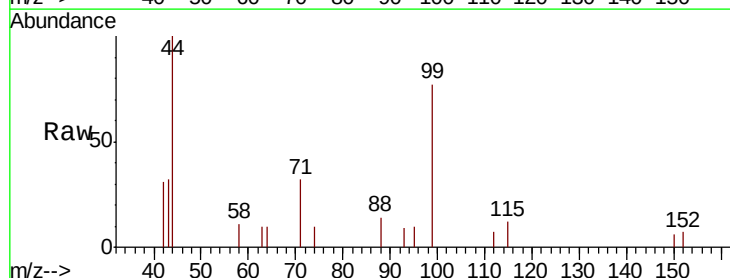
Tgt Ion: 99 Resp: 958

Ion Ratio Lower Upper

99 100

42 29.6 14.8 22.2#

71 36.4 27.3 40.9

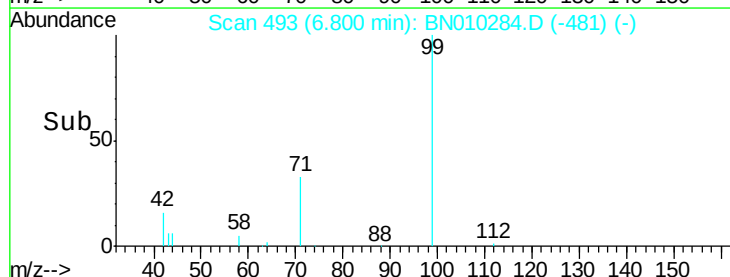


Abundance Ion 99.00 (98.70 to 99.70): B

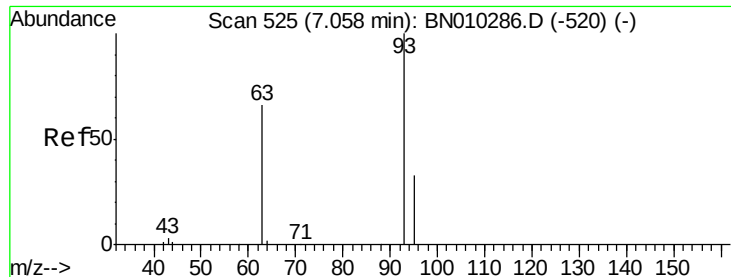
Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.098 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

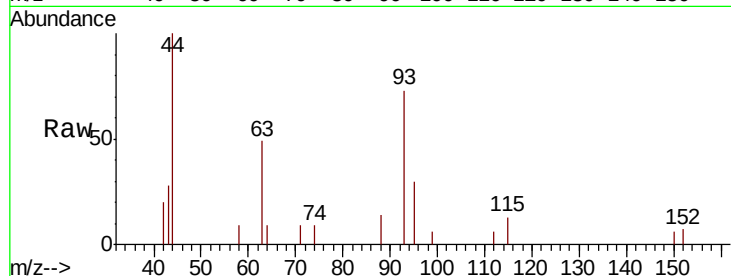
Tot Ion: 93 Resp: 923

Ion Ratio Lower Upper

93 100

63 65.4 55.6 83.4

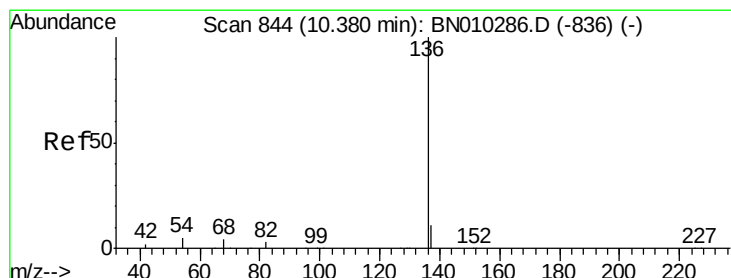
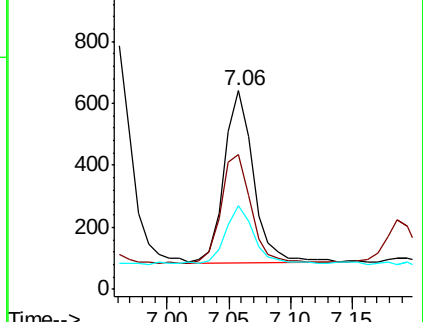
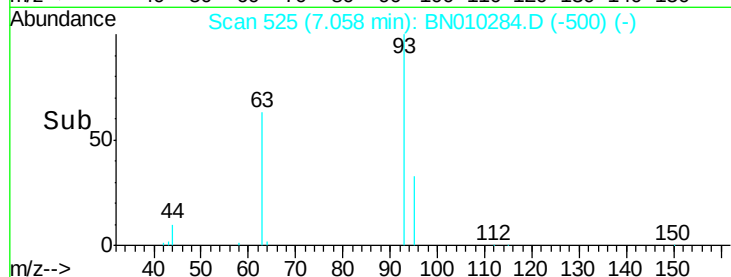
95 34.9 26.2 39.4



Abundance Ion 93.00 (92.70 to 93.70): BN010284.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010284.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010284.D (-500) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Tgt Ion: 136 Resp: 13170

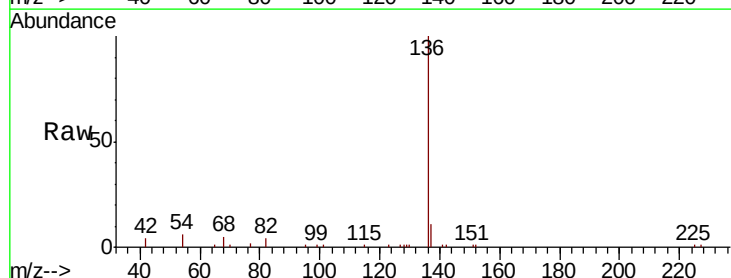
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 5.9 4.8 7.2

68 5.4 4.1 6.1

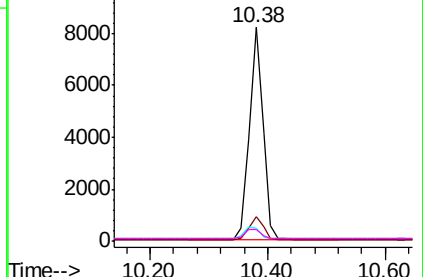
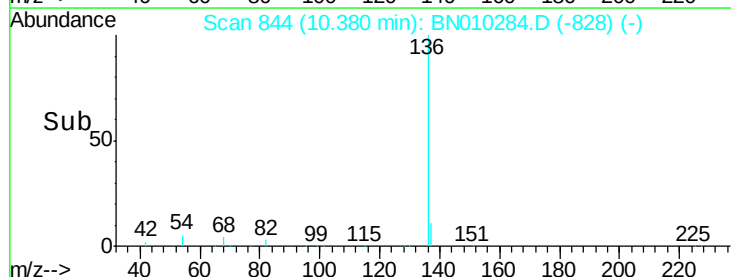


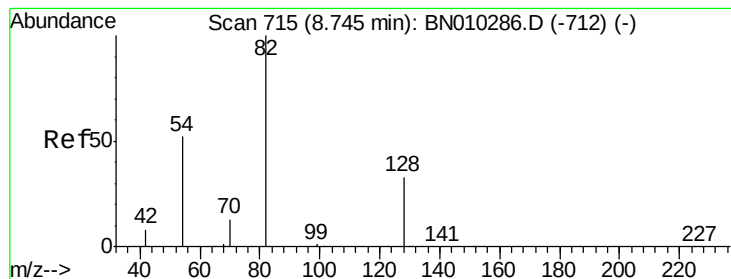
Abundance Ion 136.00 (135.70 to 136.70): BN010284.D (-828) (-)

Ion 137.00 (136.70 to 137.70): BN010284.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN010284.D (-828) (-)

Ion 68.00 (67.70 to 68.70): BN010284.D (-828) (-)





#8

Nitrobenzene-d5

Concen: 0.107 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

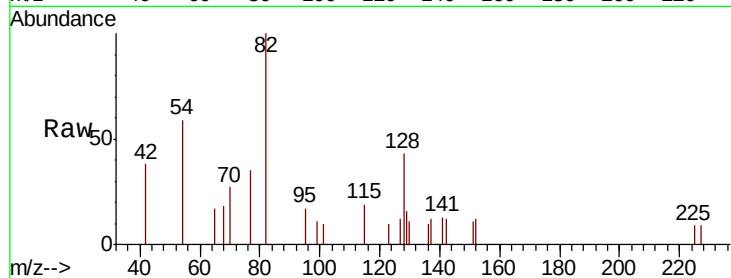
Tot Ion: 82 Resp: 843

Ion Ratio Lower Upper

82 100

128 43.1 28.8 43.2

54 59.1 42.1 63.1

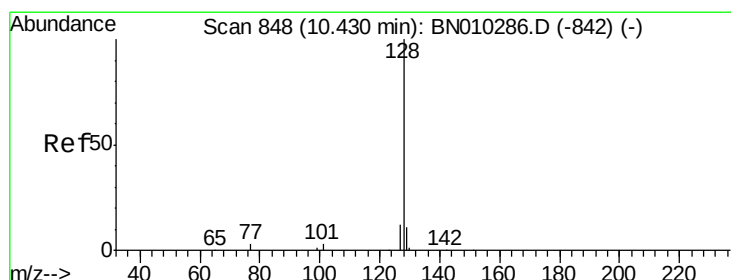
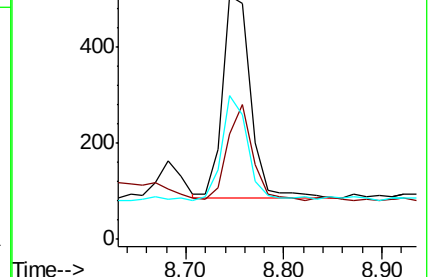
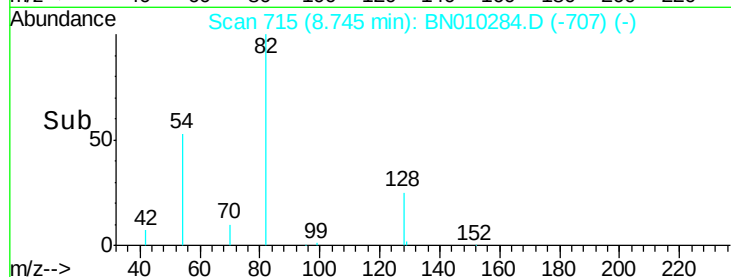


Abundance Ion 82.00 (81.70 to 82.70): BN010284.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010284.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010284.D (-707) (-)

Time-->



#9

Naphthalene

Concen: 0.097 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

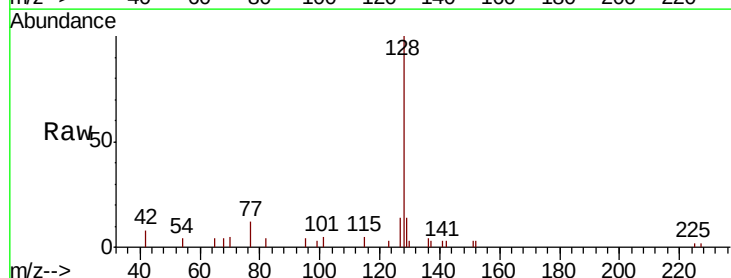
Tgt Ion: 128 Resp: 3207

Ion Ratio Lower Upper

128 100

129 13.7 9.1 13.7

127 14.3 10.4 15.6

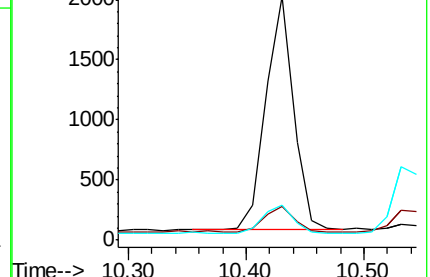
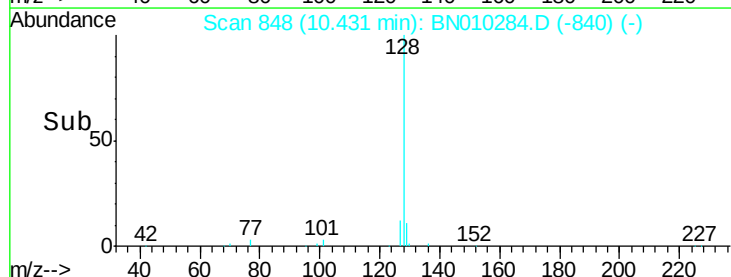


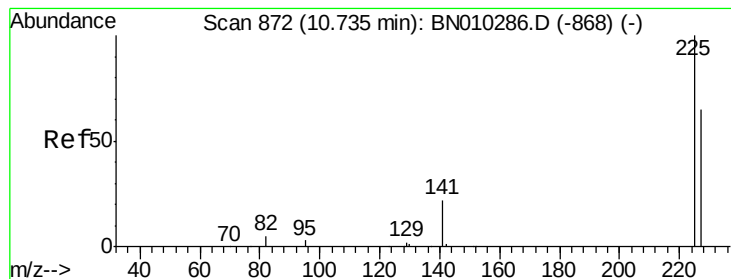
Abundance Ion 128.00 (127.70 to 128.70): BN010284.D (-840) (-)

Ion 129.00 (128.70 to 129.70): BN010284.D (-840) (-)

Ion 127.00 (126.70 to 127.70): BN010284.D (-840) (-)

Time-->





#10

Hexachlorobutadiene

Concen: 0.107 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

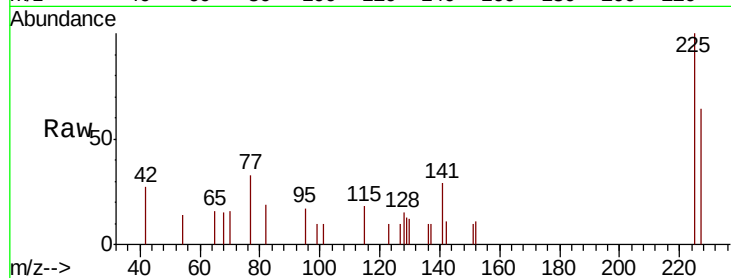
Tot Ion:225 Resp: 810

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

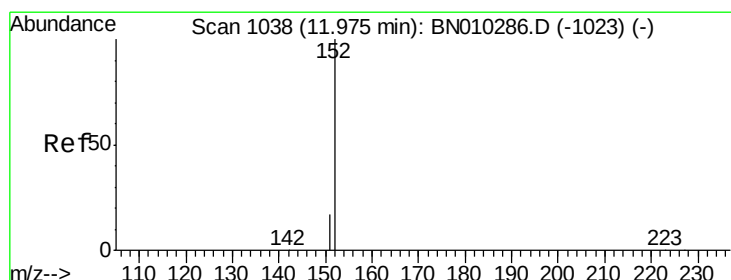
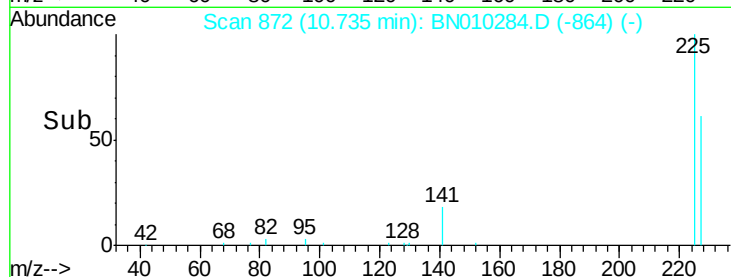
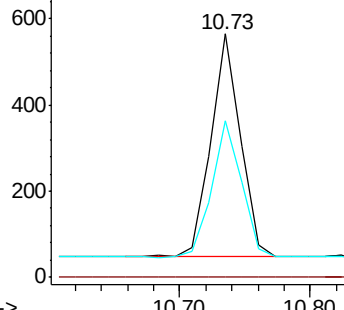
227 61.7 51.9 77.9



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: 0.092 ng

RT: 11.97 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BN010284.D

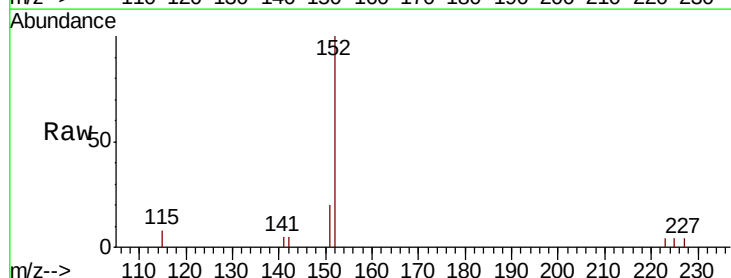
Acq: 19 Mar 2020 11:04

Tgt Ion:152 Resp: 2009

Ion Ratio Lower Upper

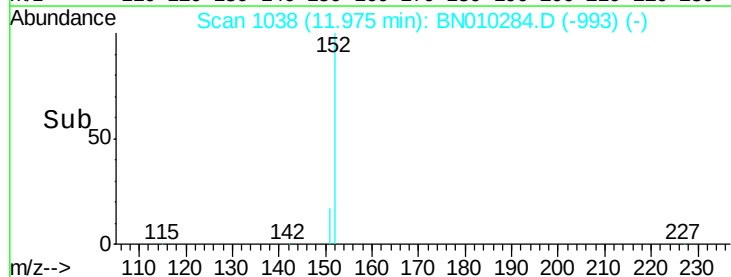
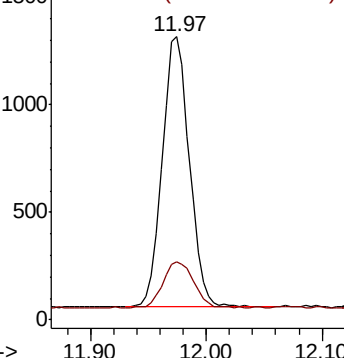
152 100

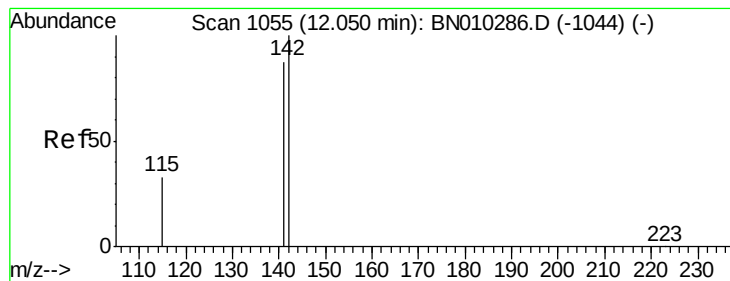
151 19.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.091 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

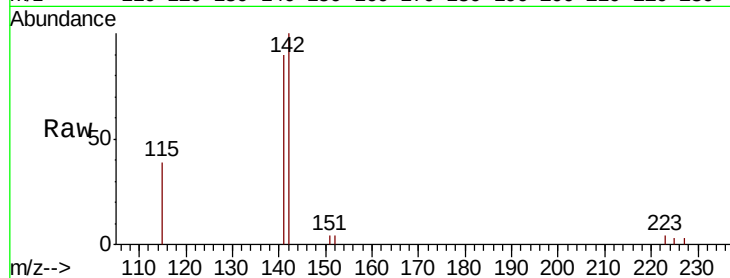
Tot Ion:142 Resp: 2166

Ion Ratio Lower Upper

142 100

141 90.5 69.5 104.3

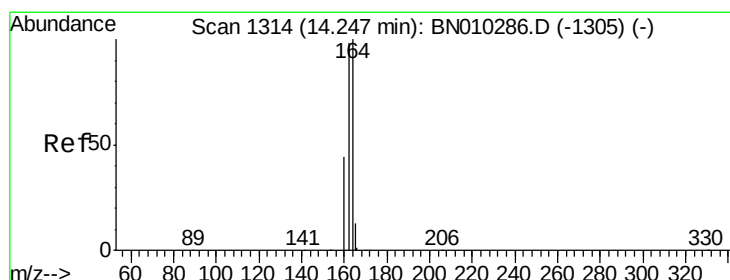
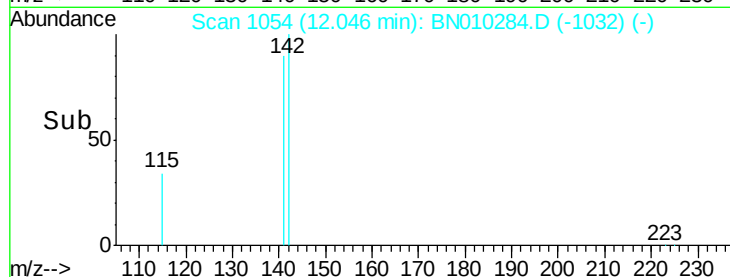
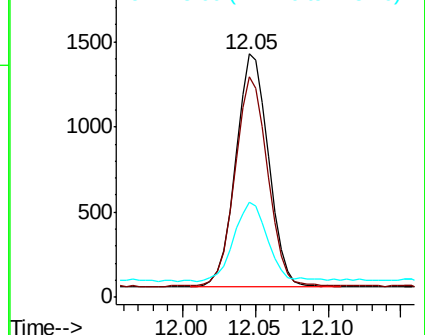
115 39.2 27.5 41.3



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: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

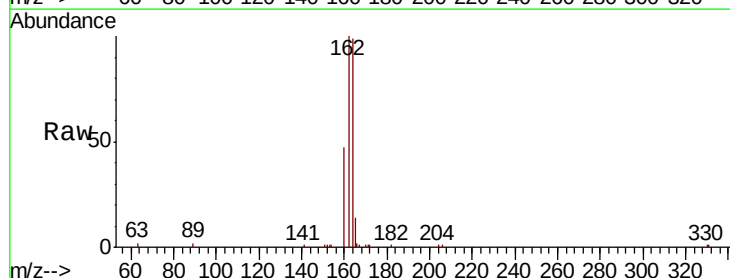
Tgt Ion:164 Resp: 7778

Ion Ratio Lower Upper

164 100

162 100.5 78.2 117.2

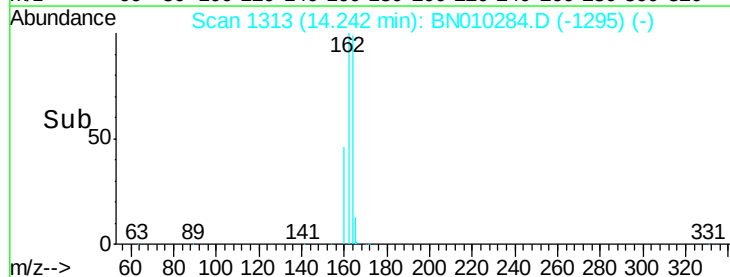
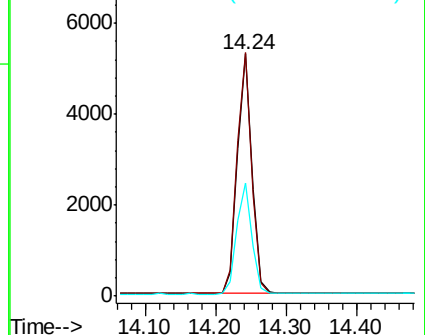
160 46.9 35.8 53.6

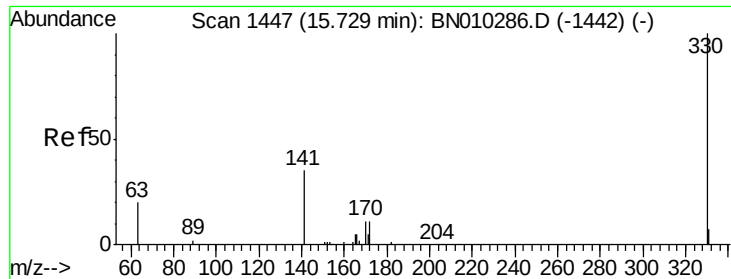


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

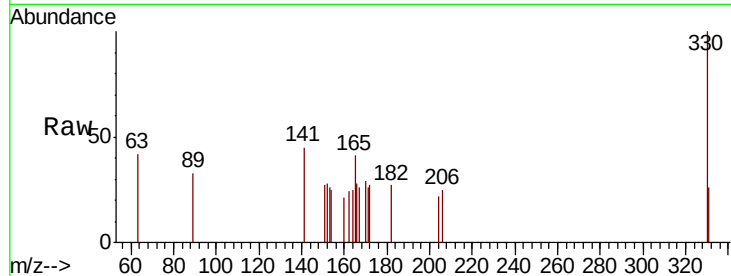




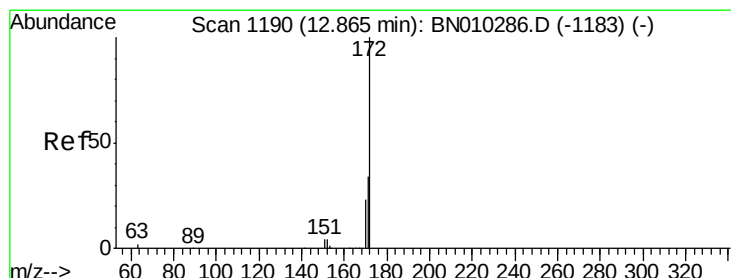
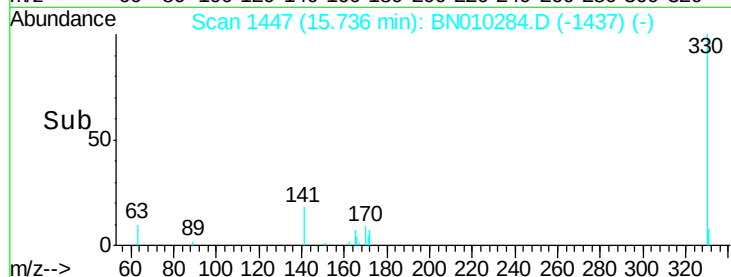
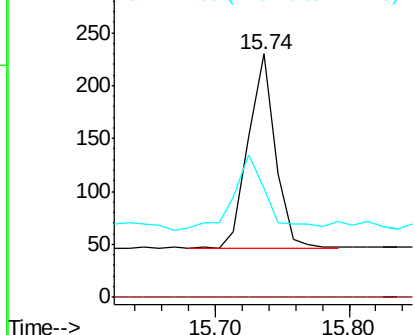
#14
 2,4,6-Tribromophenol
 Concen: 0.094 ng
 RT: 15.74 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion:330 Resp: 263
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 47.1 29.3 43.9#

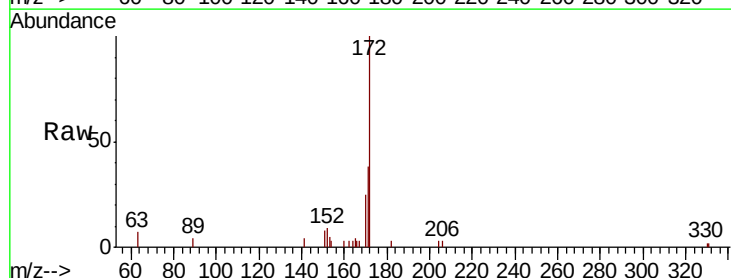


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

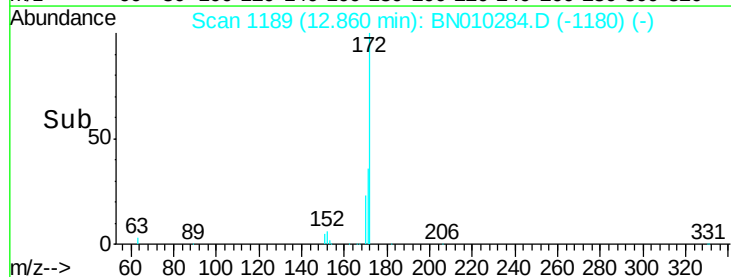
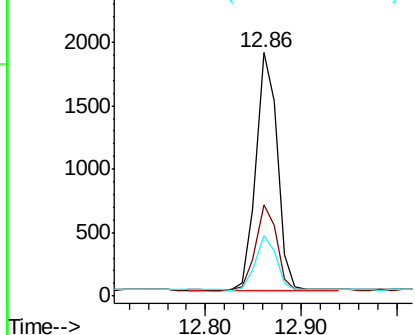


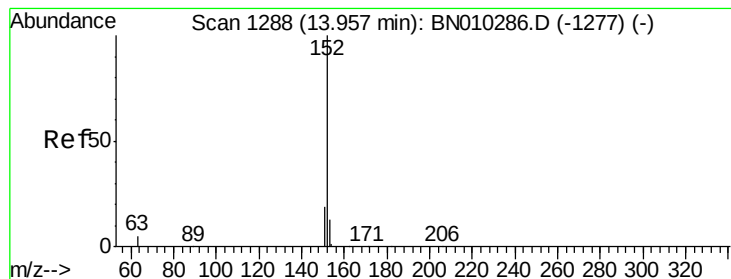
#15
 2-Fluorobiphenyl
 Concen: 0.106 ng
 RT: 12.86 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Tgt Ion:172 Resp: 2923
 Ion Ratio Lower Upper
 172 100
 171 37.6 27.6 41.4
 170 24.9 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.077 ng

RT: 13.95 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

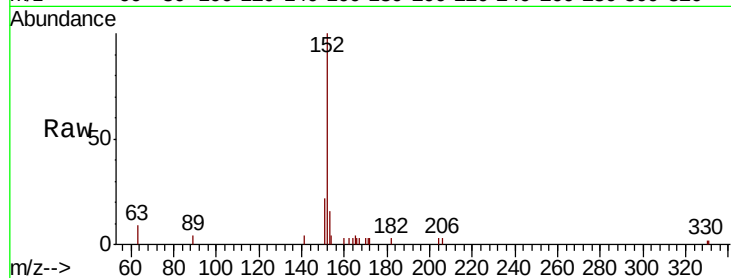
Tot Ion:152 Resp: 2770

Ion Ratio Lower Upper

152 100

151 18.6 15.6 23.4

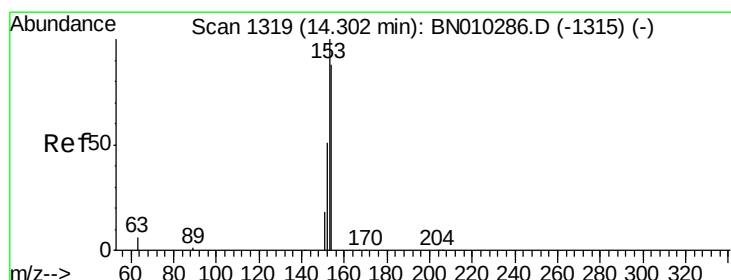
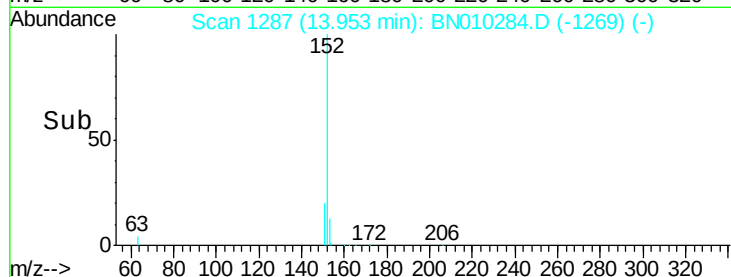
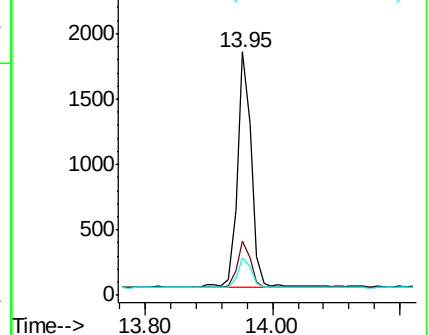
153 12.8 10.6 15.8



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: 0.093 ng

RT: 14.30 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

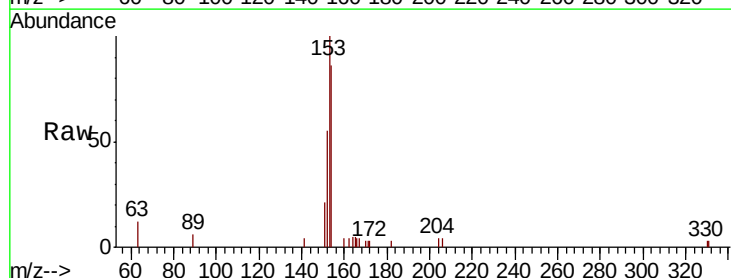
Tgt Ion:154 Resp: 2015

Ion Ratio Lower Upper

154 100

153 114.1 88.1 132.1

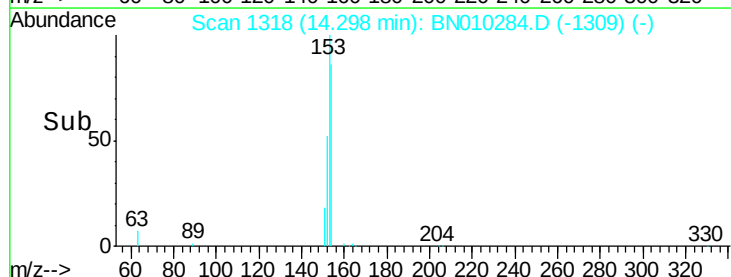
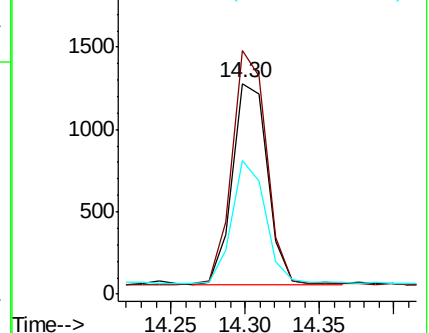
152 60.0 45.5 68.3

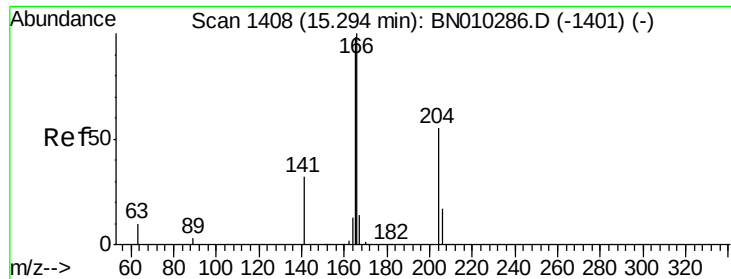


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

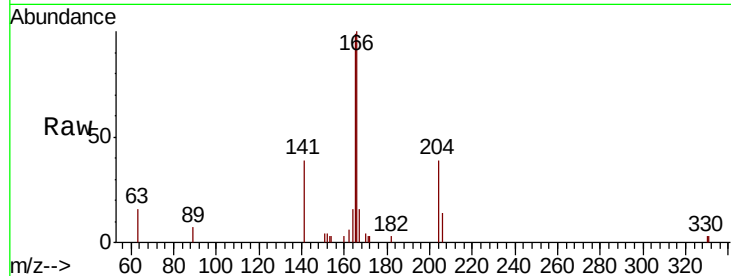




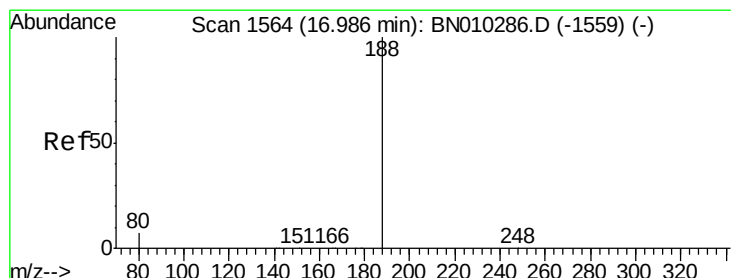
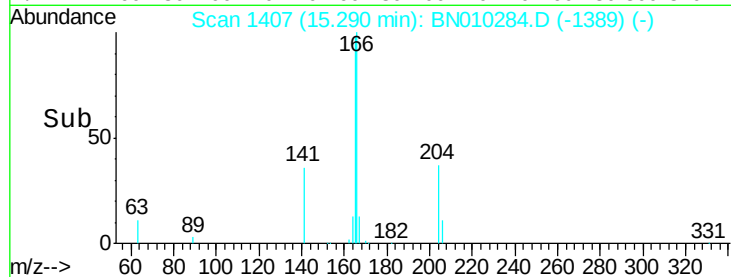
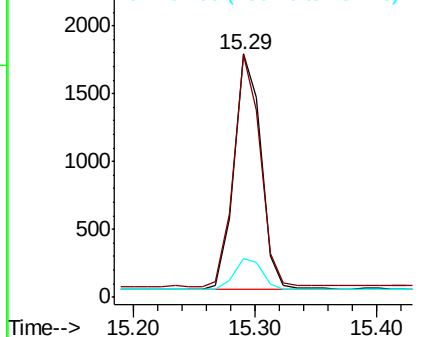
#18
 Fluorene
 Concen: 0.091 ng
 RT: 15.29 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion:166 Resp: 2695
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.7 118.1
 167 13.7 11.0 16.4

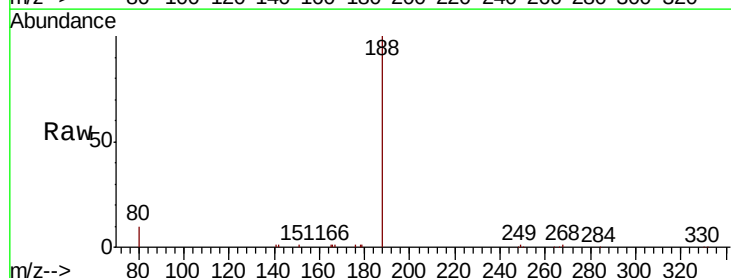


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

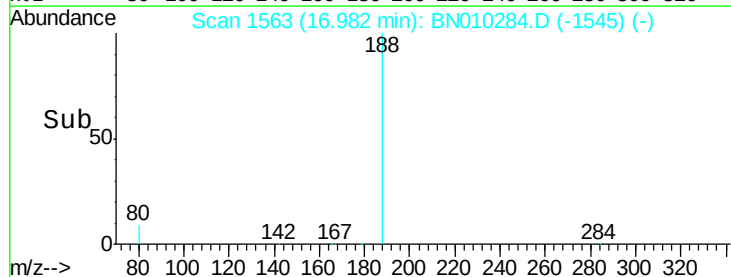
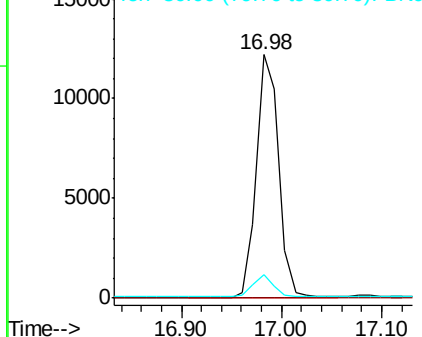


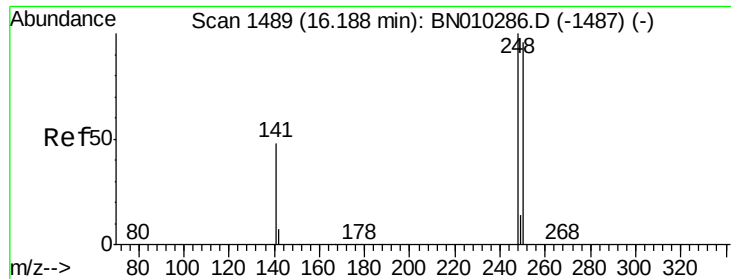
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.98 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Tgt Ion:188 Resp: 18685
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.8 6.0 9.0#



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

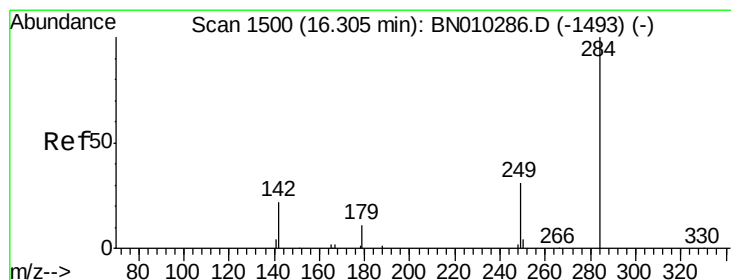
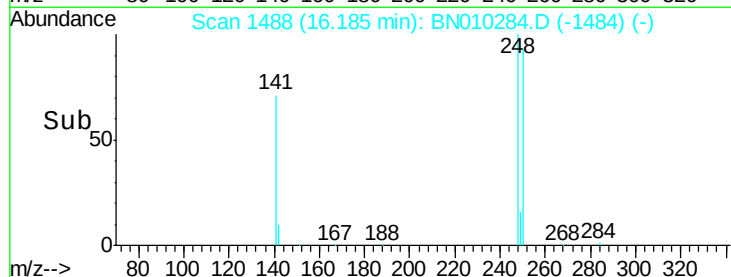
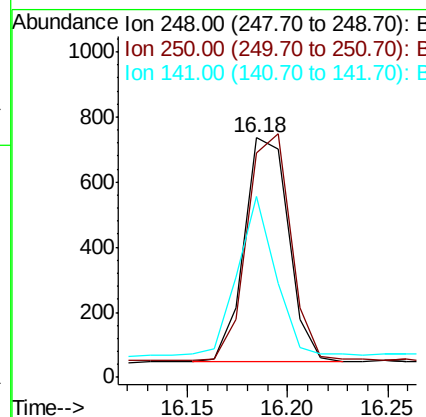
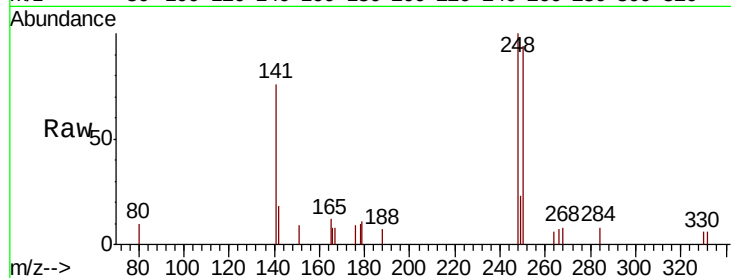




#20
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

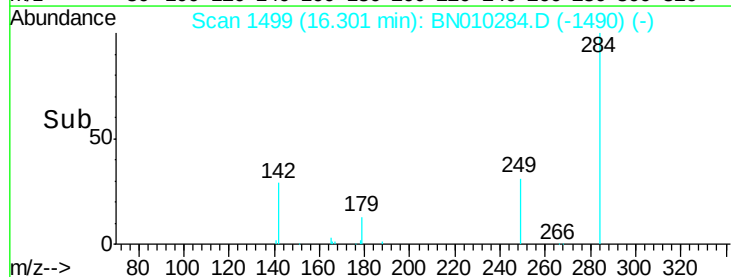
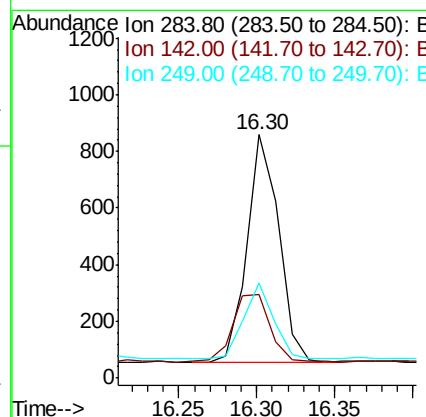
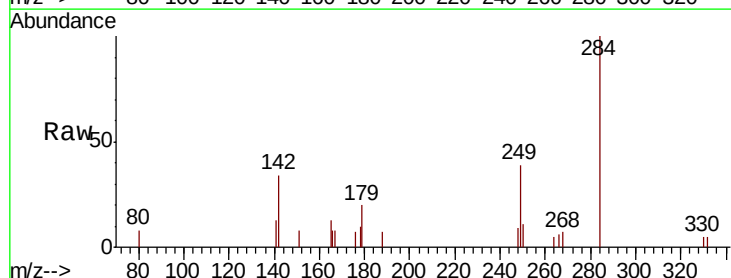
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

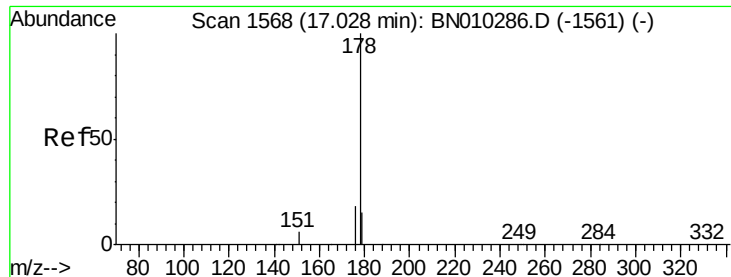
Tot Ion:248 Resp: 1059
Ion Ratio Lower Upper
248 100
250 94.0 76.8 115.2
141 75.6 44.4 66.6#



#21
Hexachlorobenzene
Concen: 0.107 ng
RT: 16.30 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

Tgt Ion:284 Resp: 1122
Ion Ratio Lower Upper
284 100
142 36.1 27.4 41.2
249 31.6 26.5 39.7





#23

Phenanthrene

Concen: 0.099 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

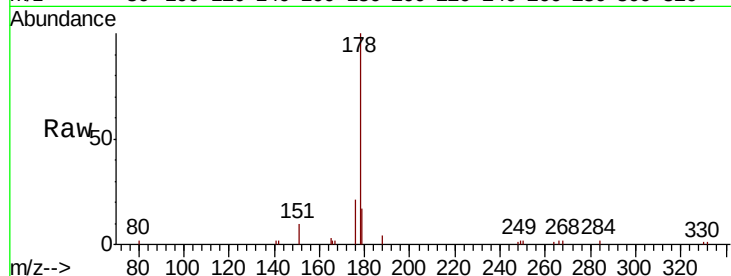
Tot Ion:178 Resp: 4915

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

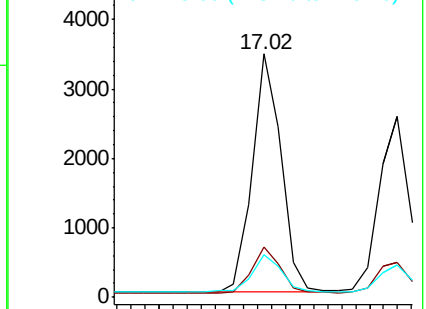
179 15.8 12.4 18.6



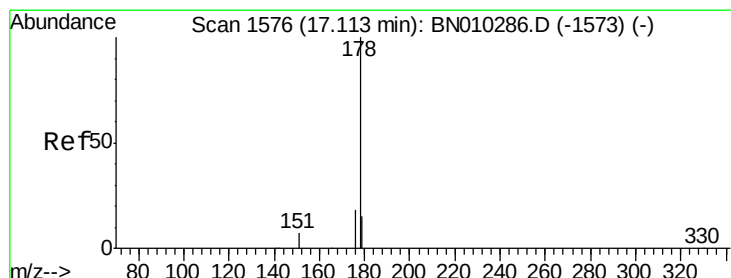
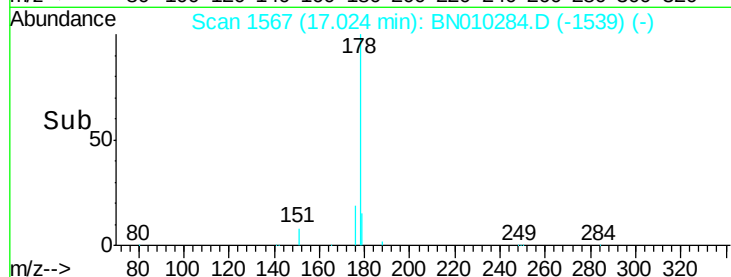
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.081 ng

RT: 17.12 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

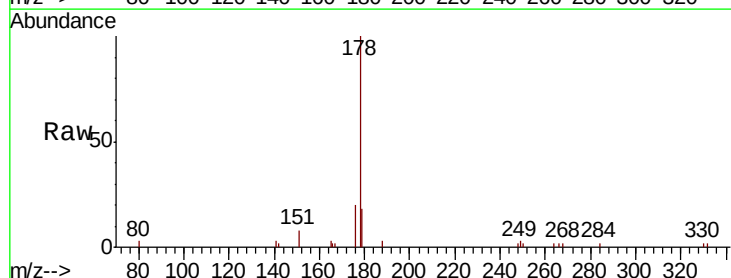
Tgt Ion:178 Resp: 3979

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

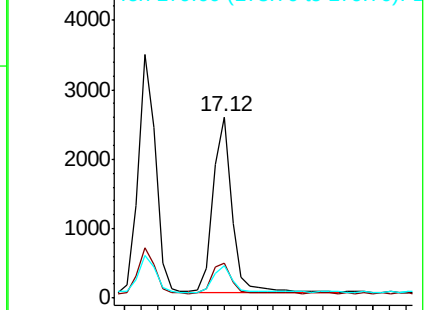
179 15.1 12.3 18.5



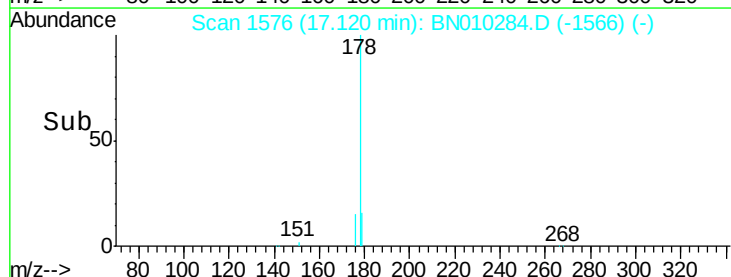
Abundance Ion 178.00 (177.70 to 178.70): E

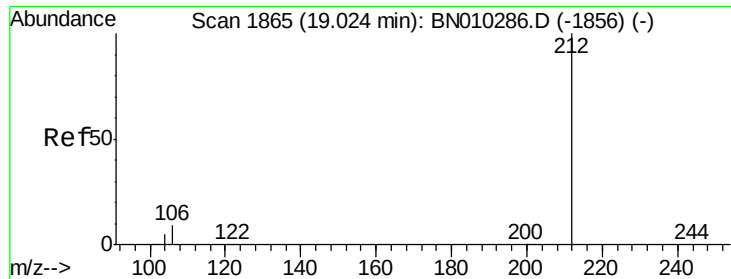
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.092 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

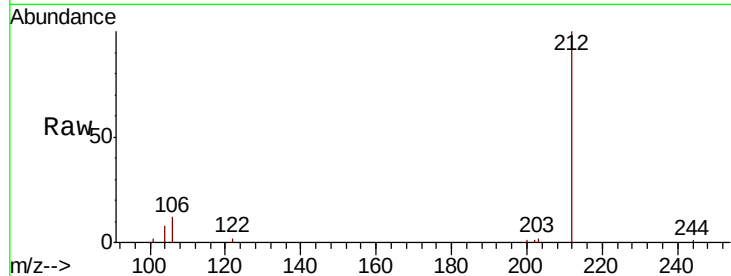
Tot Ion:212 Resp: 5331

Ion Ratio Lower Upper

212 100

106 9.8 7.4 11.2

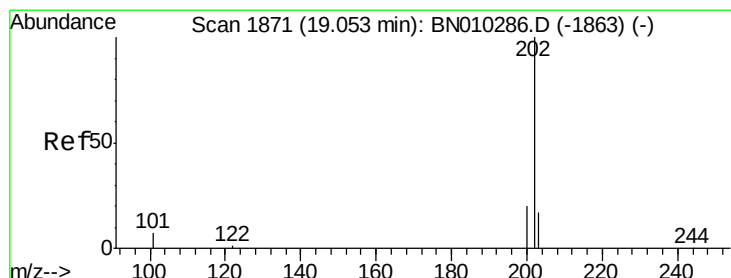
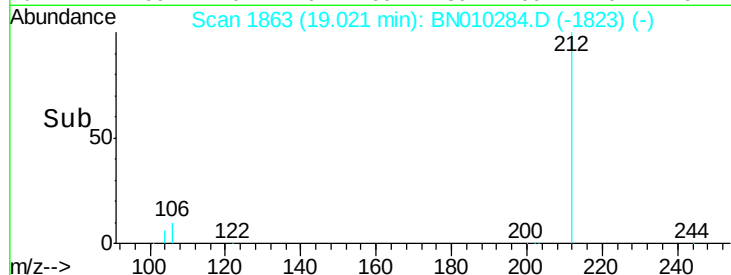
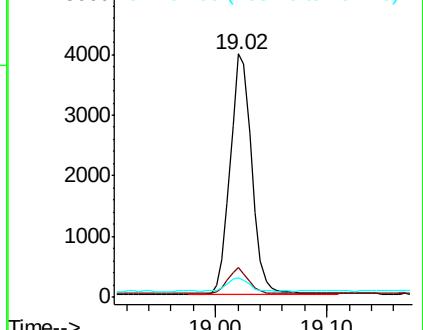
104 5.8 4.2 6.4



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: 19.05 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

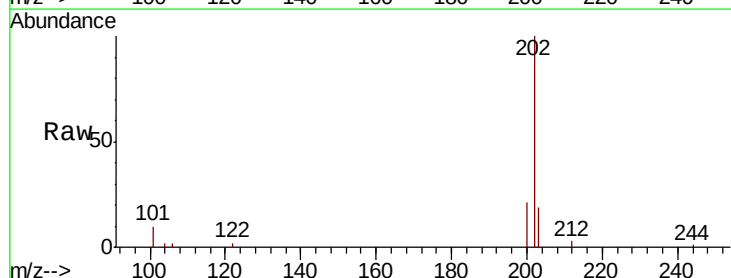
Tgt Ion:202 Resp: 5847

Ion Ratio Lower Upper

202 100

101 8.4 6.6 9.8

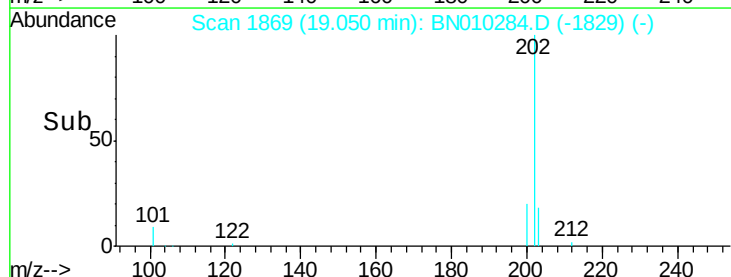
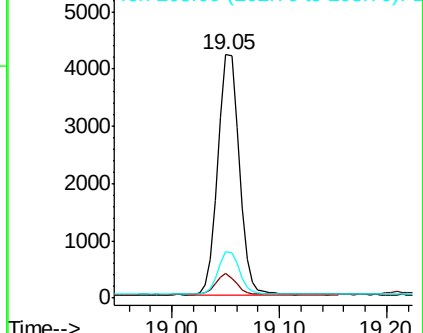
203 16.8 13.8 20.8

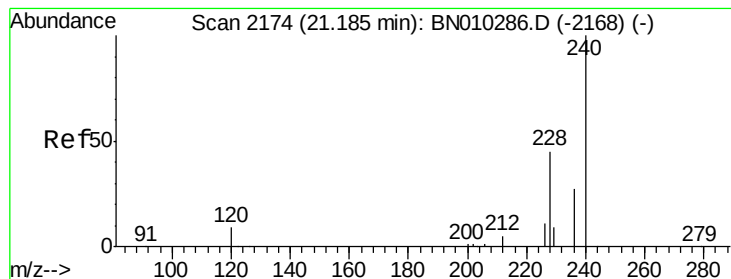


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

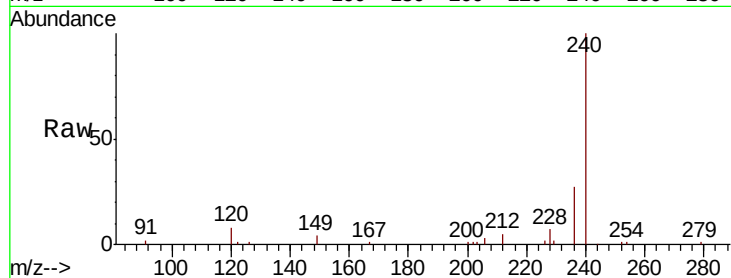
Tot Ion:240 Resp: 19451

Ion Ratio Lower Upper

240 100

120 8.0 7.9 11.9

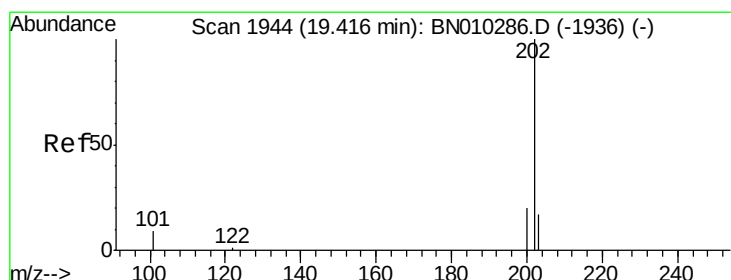
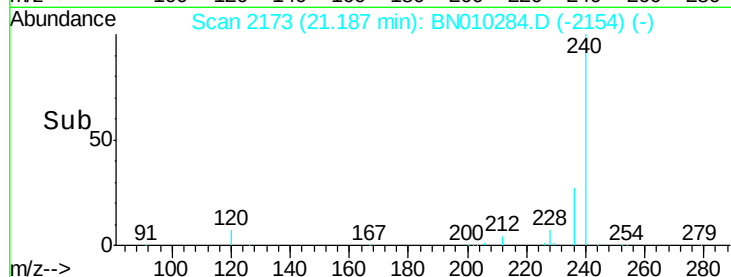
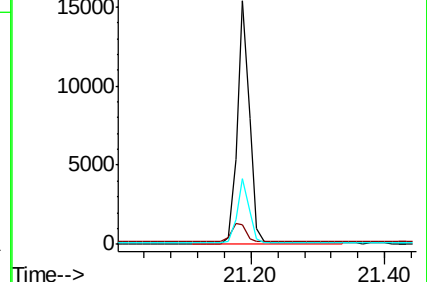
236 27.1 22.2 33.4



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: 0.093 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

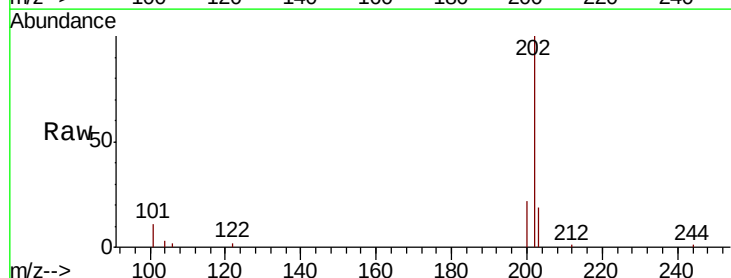
Tgt Ion:202 Resp: 6021

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

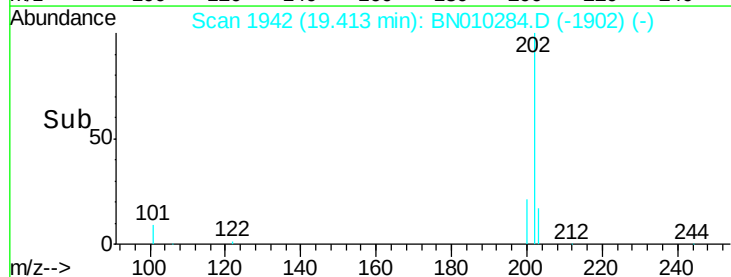
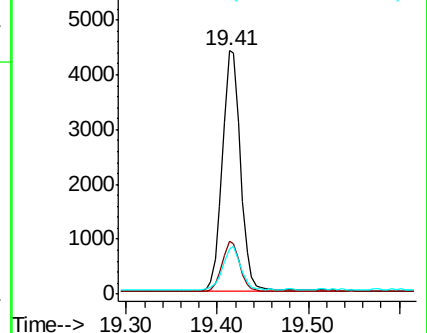
203 17.5 14.2 21.2

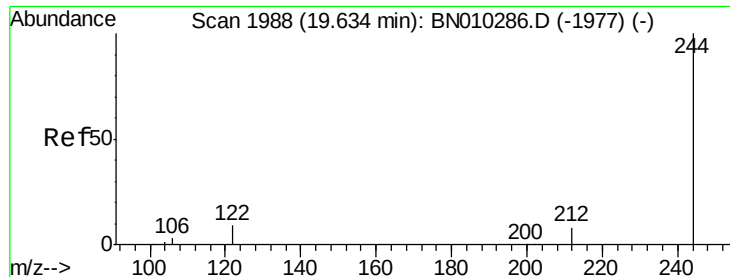


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.096 ng

RT: 19.64 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

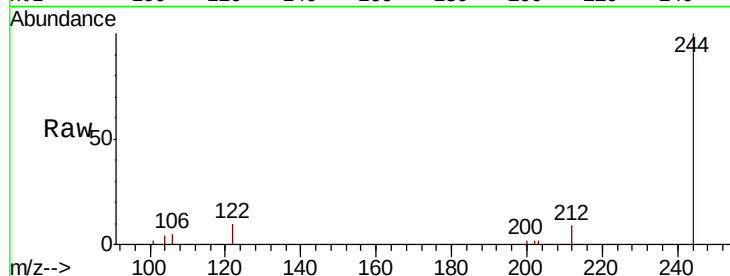
Tot Ion:244 Resp: 4245

Ion Ratio Lower Upper

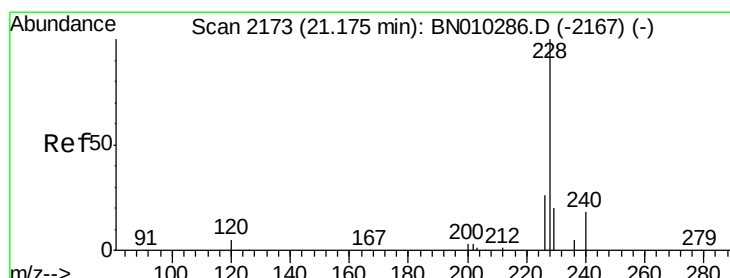
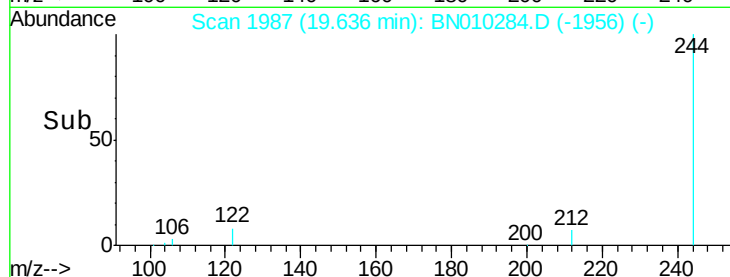
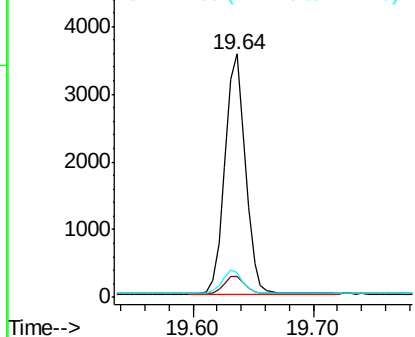
244 100

212 8.8 6.3 9.5

122 9.9 7.6 11.4



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: 0.090 ng

RT: 21.18 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

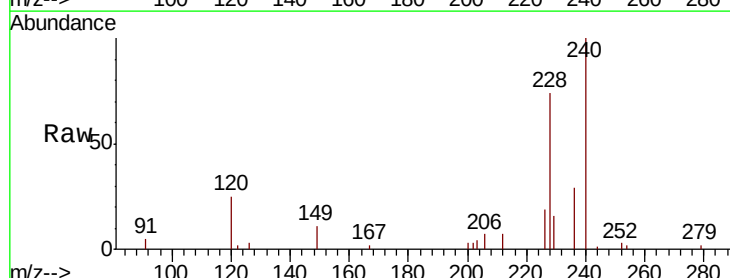
Tgt Ion:228 Resp: 5960

Ion Ratio Lower Upper

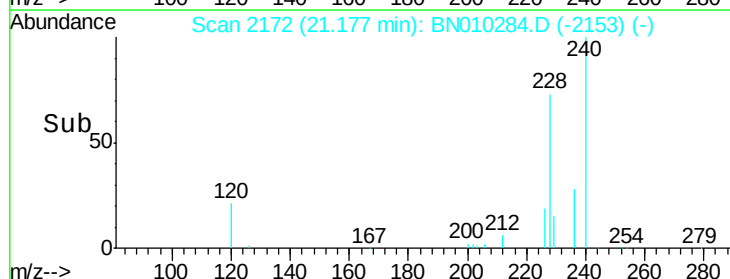
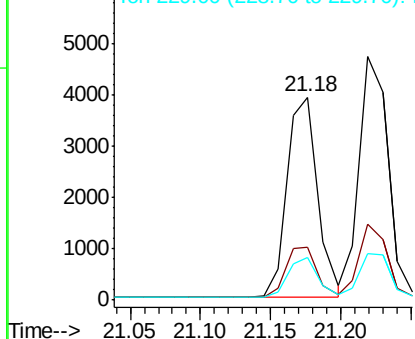
228 100

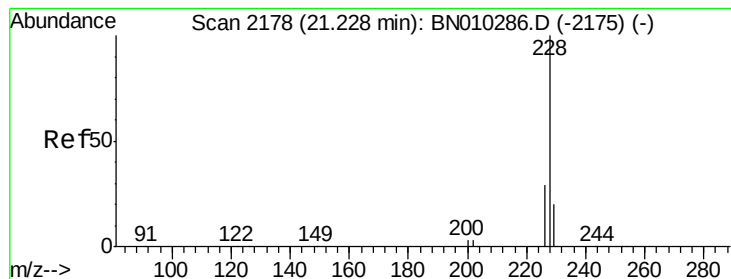
226 26.4 21.0 31.4

229 21.2 16.0 24.0



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: 0.103 ng

RT: 21.22 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

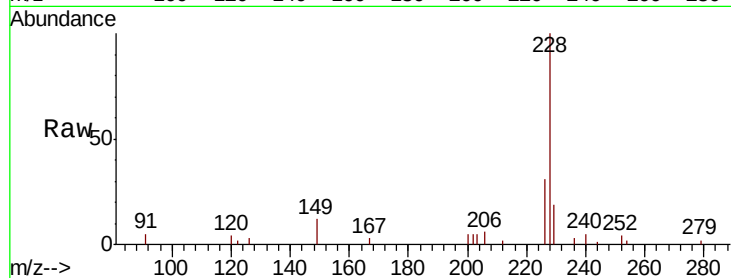
Tot Ion:228 Resp: 6723

Ion Ratio Lower Upper

228 100

226 31.0 23.0 34.6

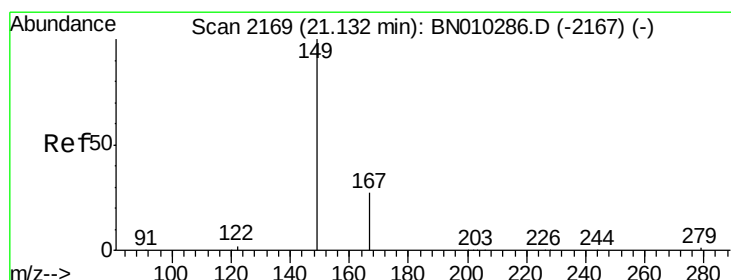
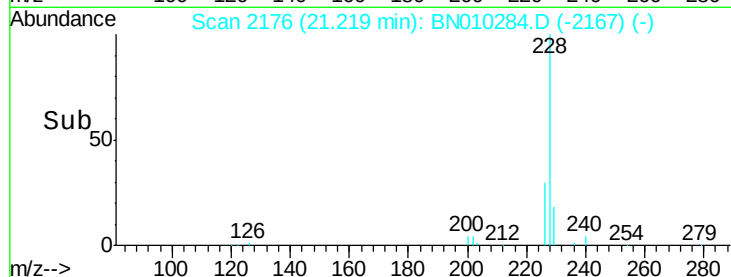
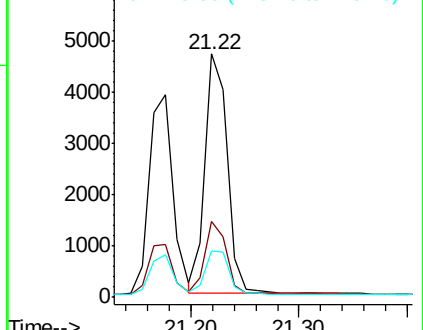
229 19.3 16.0 24.0



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: 0.073 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

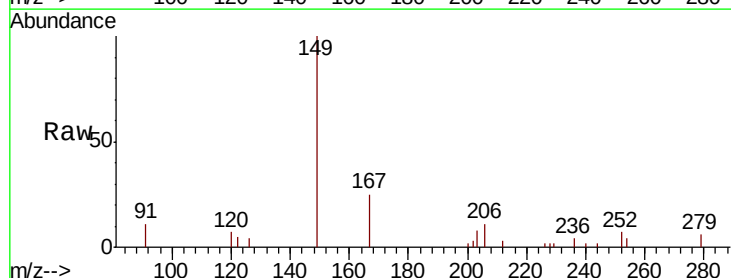
Tgt Ion:149 Resp: 2048

Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.6

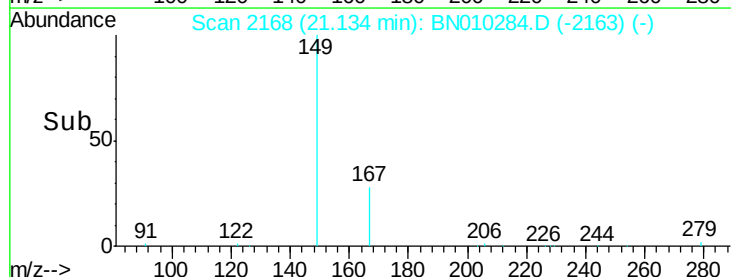
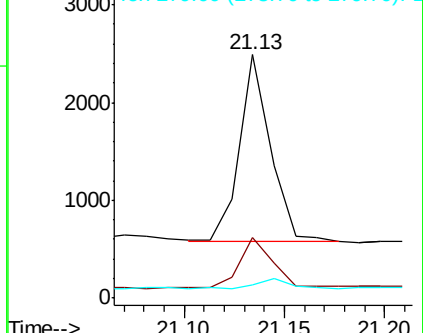
279 5.5 3.8 5.8

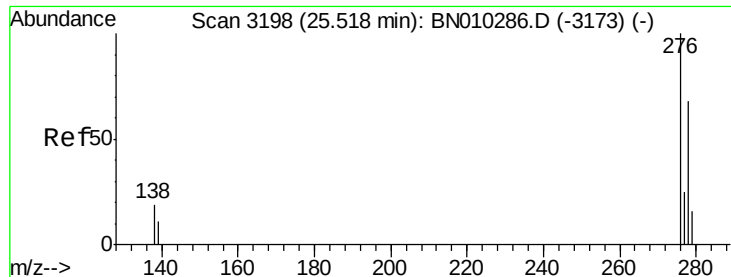


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

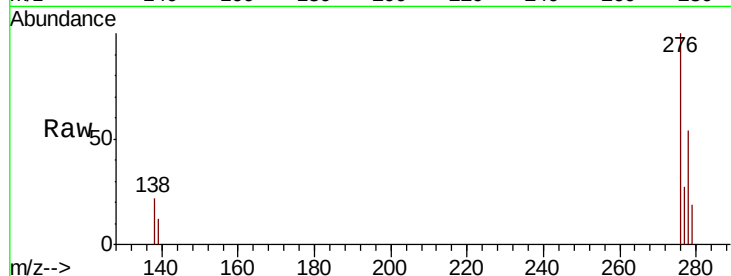




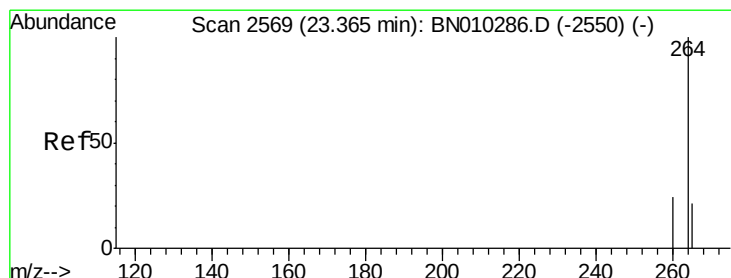
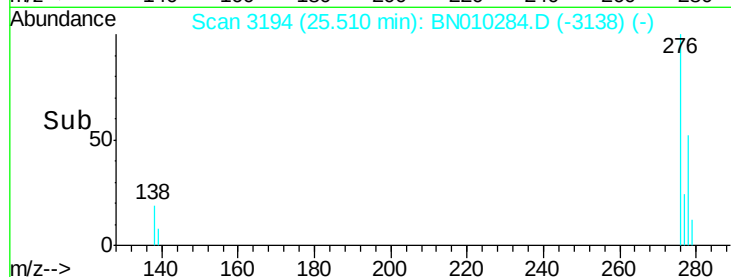
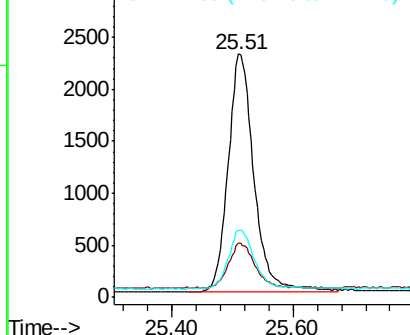
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.088 ng
 RT: 25.51 min Scan# 3194
 Delta R.T. -0.01 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion:276 Resp: 6800
 Ion Ratio Lower Upper
 276 100
 138 19.2 15.6 23.4
 277 24.5 20.1 30.1

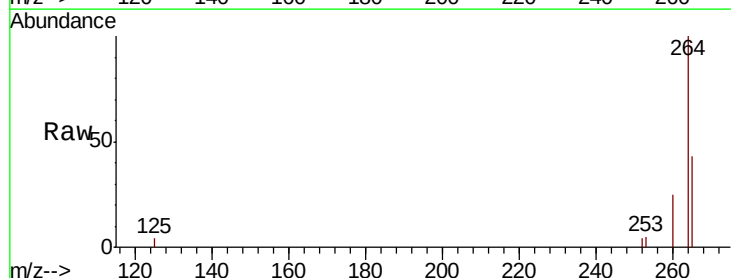


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

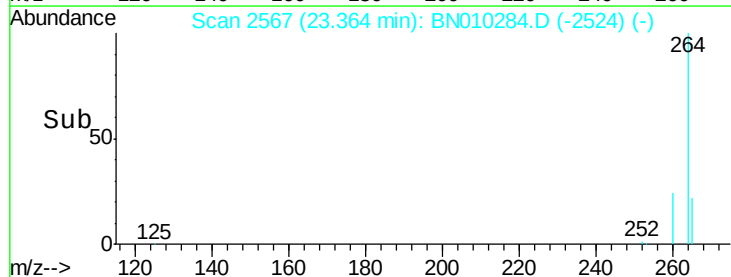
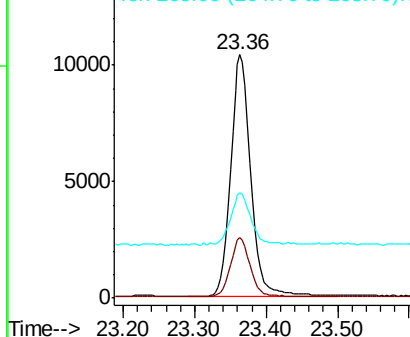


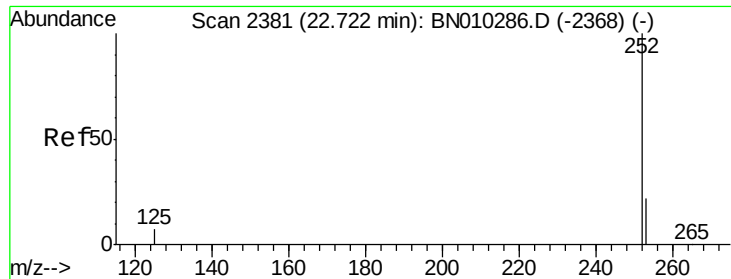
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.36 min Scan# 2567
 Delta R.T. -0.00 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Tgt Ion:264 Resp: 20335
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 43.4 32.4 48.6



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: 0.104 ng

RT: 22.72 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

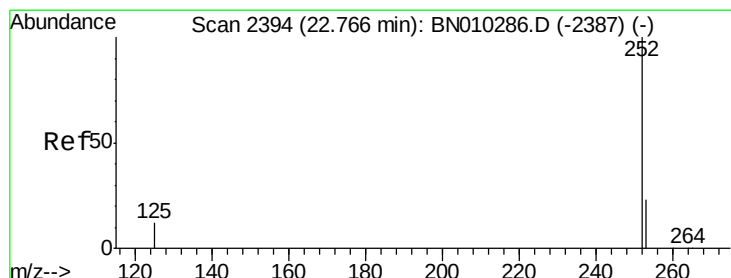
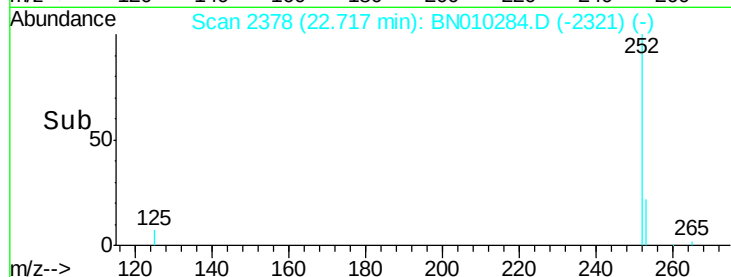
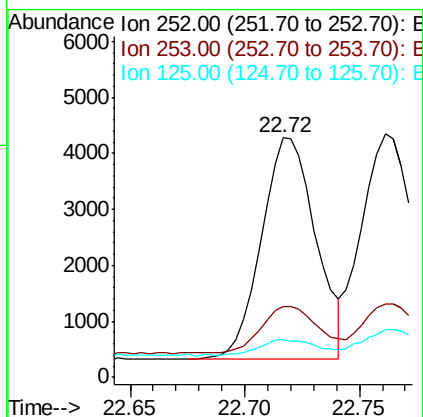
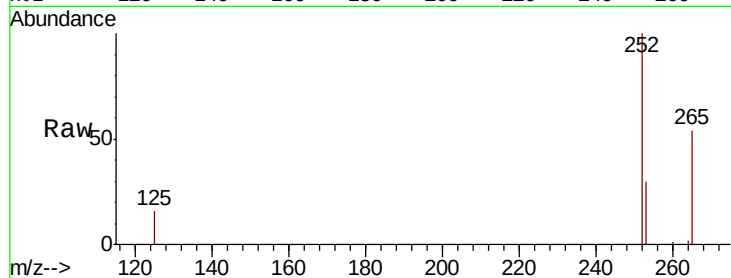
Tot Ion:252 Resp: 6507

Ion Ratio Lower Upper

252 100

253 29.8 19.2 28.8#

125 15.9 7.4 11.0#



#36

Benzo(k)fluoranthene

Concen: 0.104 ng

RT: 22.76 min Scan# 2391

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

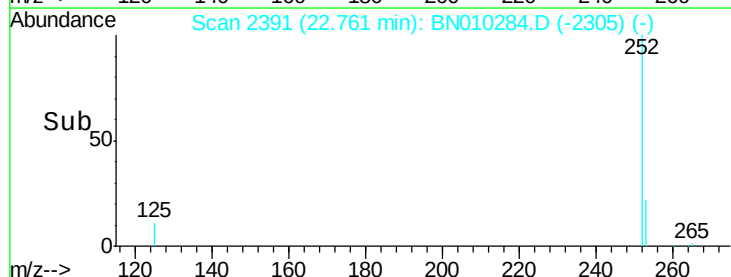
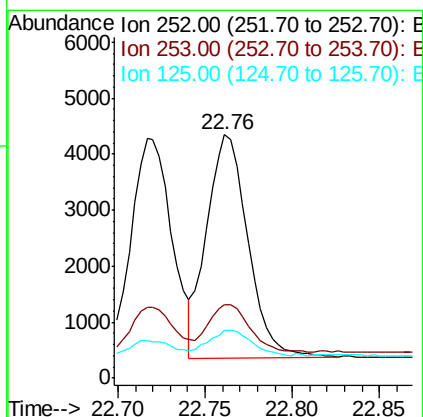
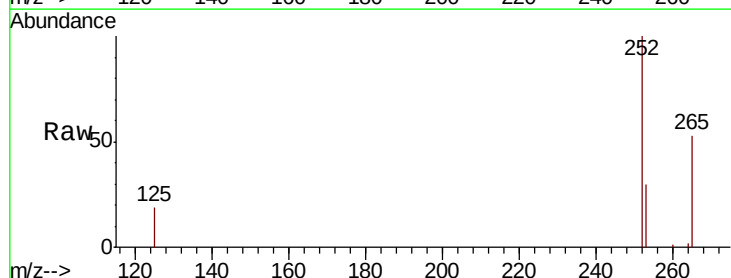
Tgt Ion:252 Resp: 6574

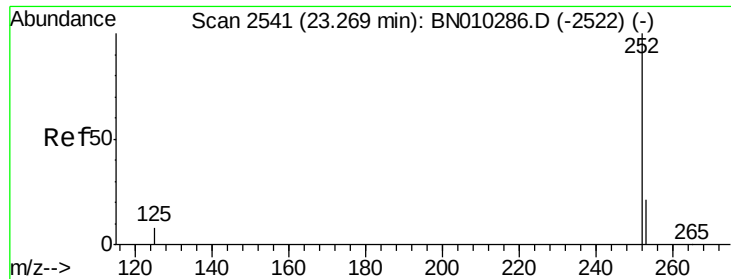
Ion Ratio Lower Upper

252 100

253 30.3 19.4 29.0#

125 19.4 10.2 15.2#





#37

Benzo(a)pyrene

Concen: 0.089 ng

RT: 23.27 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

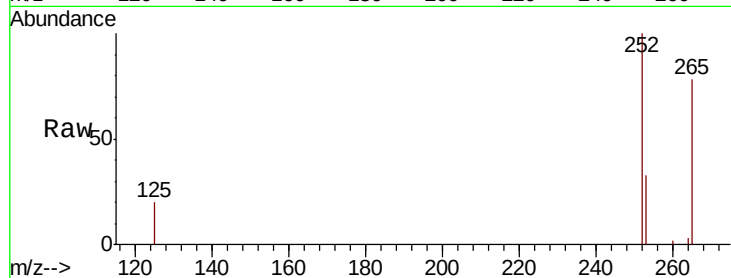
Tot Ion:252 Resp: 5268

Ion Ratio Lower Upper

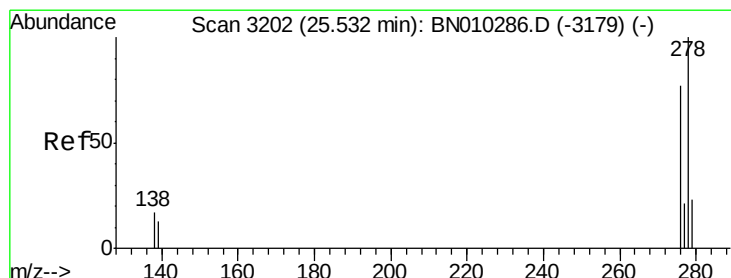
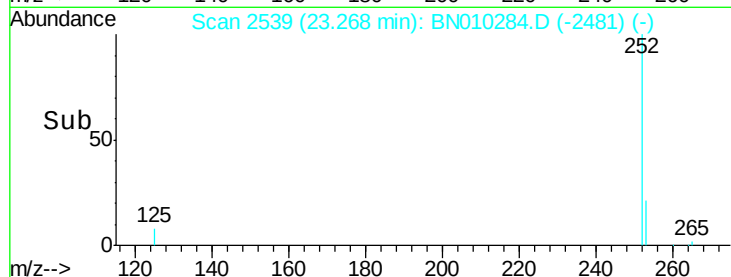
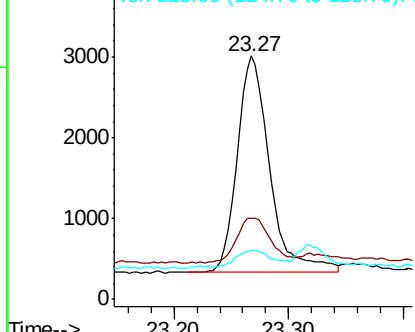
252 100

253 33.4 19.9 29.9#

125 20.1 8.9 13.3#



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: 0.092 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

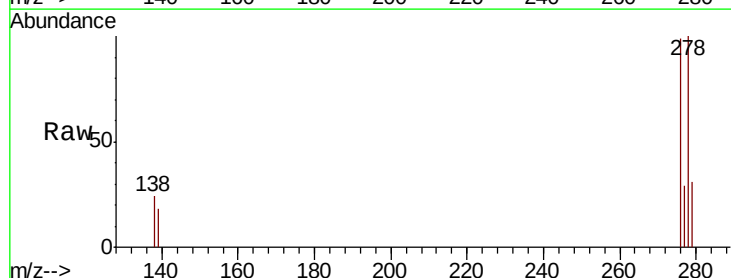
Tgt Ion:278 Resp: 5436

Ion Ratio Lower Upper

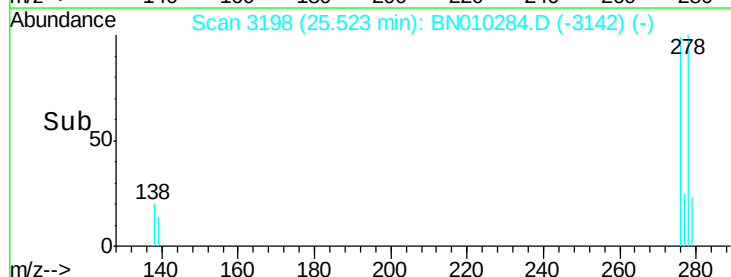
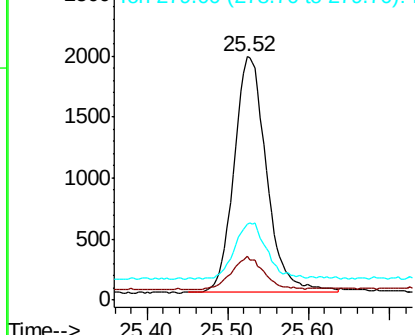
278 100

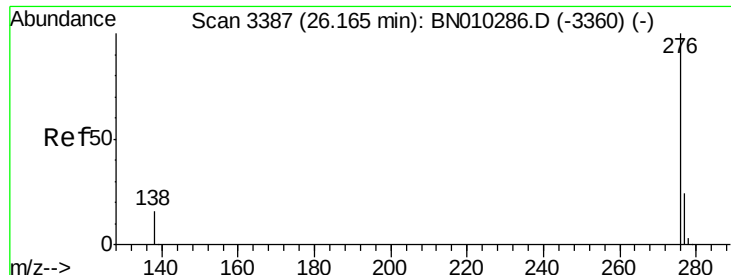
139 17.8 10.6 16.0#

279 31.4 19.8 29.6#



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: 0.099 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

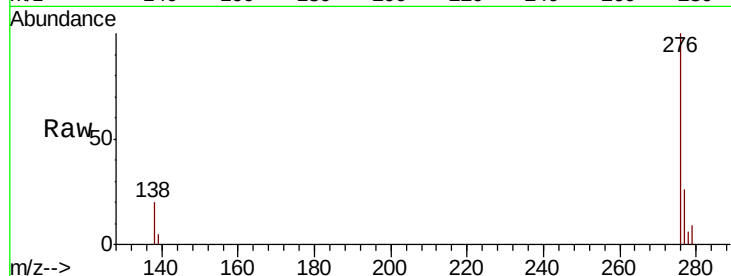
Tot Ion: 276 Resp: 5832

Ion Ratio Lower Upper

276 100

277 26.4 19.6 29.4

138 19.9 13.3 19.9



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

