

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010339.D
 Acq On : 24 Mar 2020 22:52
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 25 01:48:47 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 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3856	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13227	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	7614	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	17875	0.40	ng	0.00
27) Chrysene-d12	21.19	240	17978	0.40	ng	0.00
34) Perylene-d12	23.35	264	17520	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2970	0.39	ng	0.00
5) Phenol-d6	6.80	99	3689	0.39	ng	0.00
8) Nitrobenzene-d5	8.74	82	3278	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9368	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1001	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	12097	0.42	ng	-0.01
25) Fluoranthene-d10	19.02	212	23168	0.43	ng	0.00
29) Terphenyl-d14	19.63	244	16254	0.42	ng	0.00

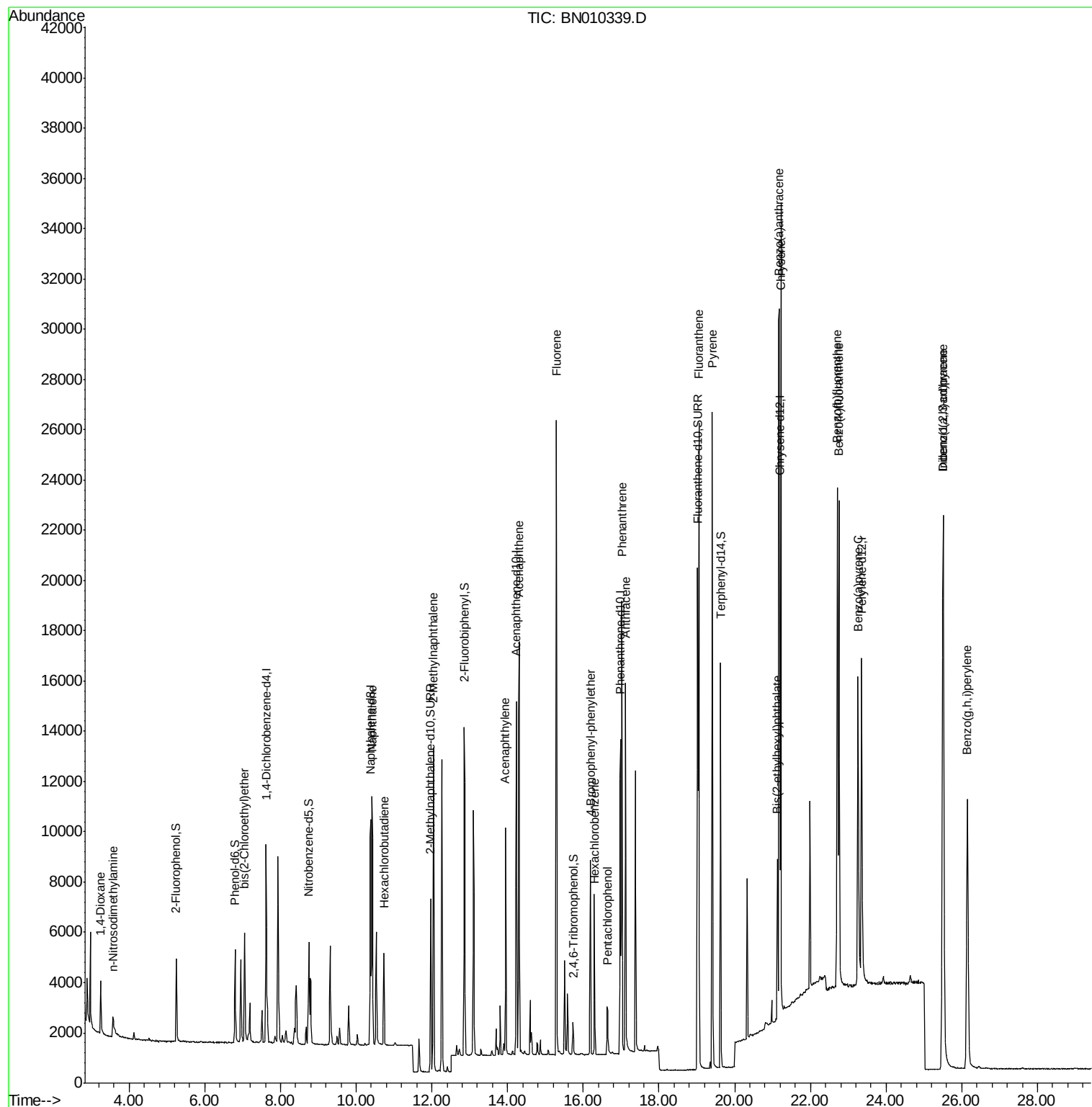
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1445	0.399	ng	98
3) n-Nitrosodimethylamine	3.57	42	893	0.292	ng	# 91
6) bis(2-Chloroethyl)ether	7.06	93	3650	0.400	ng	99
9) Naphthalene	10.42	128	13503	0.409	ng	99
10) Hexachlorobutadiene	10.73	225	3375	0.422	ng	# 99
12) 2-Methylnaphthalene	12.04	142	9019	0.394	ng	95
16) Acenaphthylene	13.95	152	11073	0.371	ng	99
17) Acenaphthene	14.30	154	8494	0.399	ng	97
18) Fluorene	15.29	166	11165	0.395	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	4154	0.383	ng	# 88
21) Hexachlorobenzene	16.31	284	4753	0.427	ng	99
22) Pentachlorophenol	16.65	266	1178	0.309	ng	97
23) Phenanthrene	17.02	178	19847	0.404	ng	100
24) Anthracene	17.11	178	15262	0.363	ng	100
26) Fluoranthene	19.05	202	23459	0.390	ng	100
28) Pyrene	19.41	202	23724	0.424	ng	100
30) Benzo(a)anthracene	21.16	228	21876	0.382	ng	99
31) Chrysene	21.22	228	24999	0.407	ng	99
32) Bis(2-ethylhexyl)phthalate	21.12	149	5787	0.300	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	27180	0.413	ng	99
35) Benzo(b)fluoranthene	22.71	252	24526	0.412	ng	99
36) Benzo(k)fluoranthene	22.75	252	24464	0.404	ng	97
37) Benzo(a)pyrene	23.26	252	19430	0.387	ng	98
38) Dibenzo(a,h)anthracene	25.51	278	22343	0.411	ng	99
39) Benzo(g,h,i)perylene	26.15	276	22455	0.411	ng	99

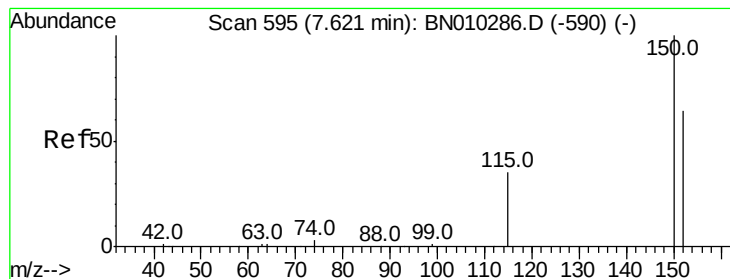
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

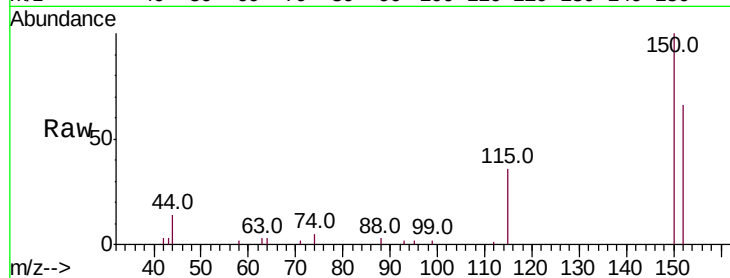
Tot Ion:152 Resp: 3856

Ion Ratio Lower Upper

152 100

150 152.6 123.1 184.7

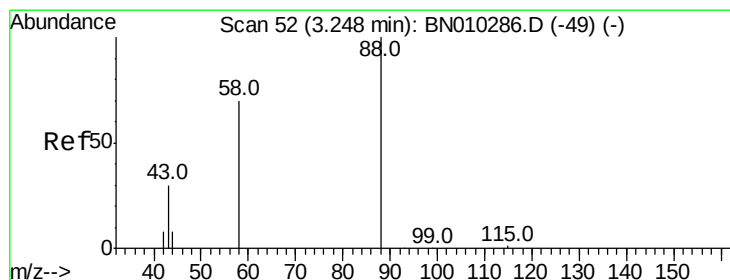
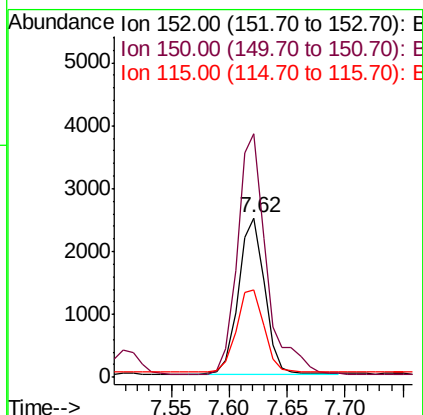
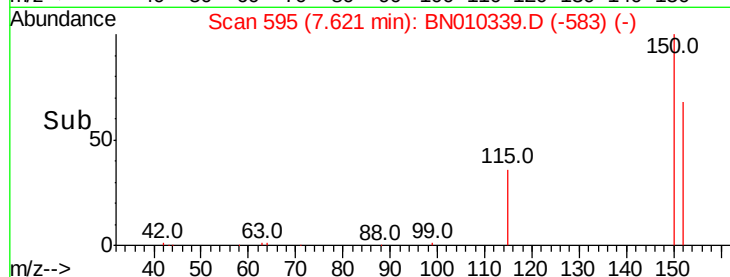
115 55.0 45.2 67.8



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: 0.399 ng

RT: 3.25 min Scan# 52

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

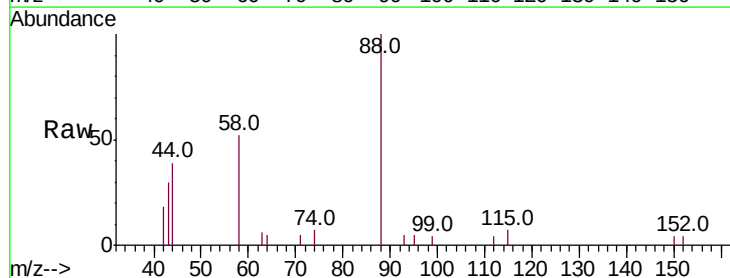
Tgt Ion: 88 Resp: 1445

Ion Ratio Lower Upper

88 100

58 63.0 51.7 77.5

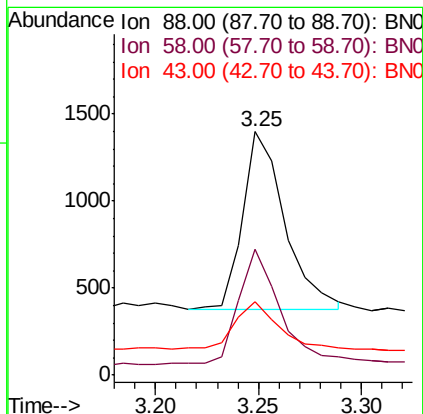
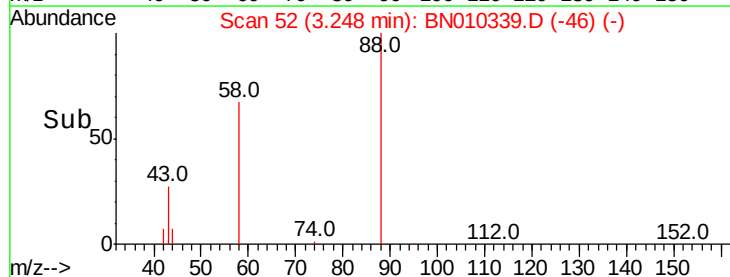
43 25.5 21.2 31.8

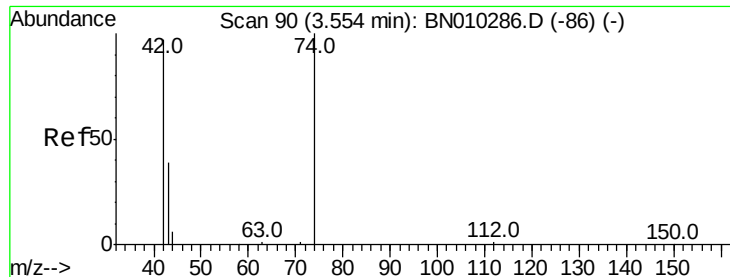


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.292 ng

RT: 3.57 min Scan# 92

Delta R.T. 0.02 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

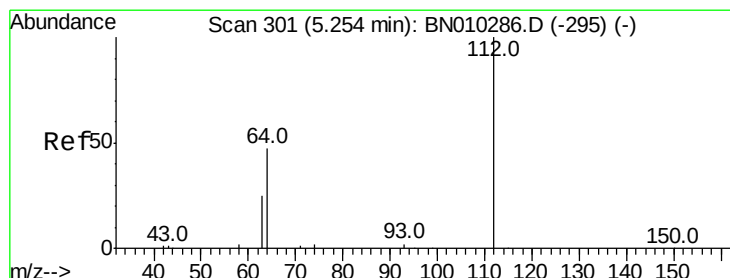
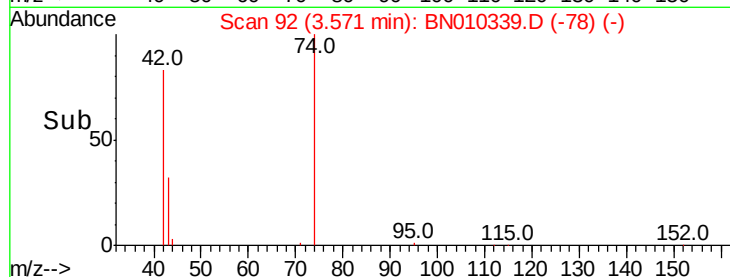
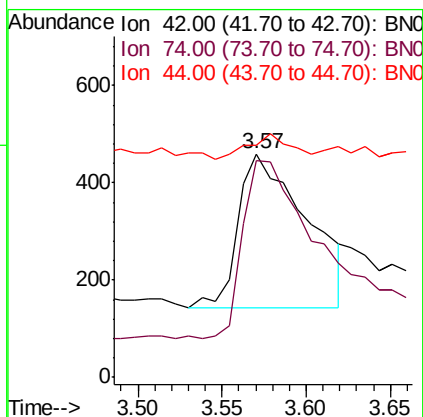
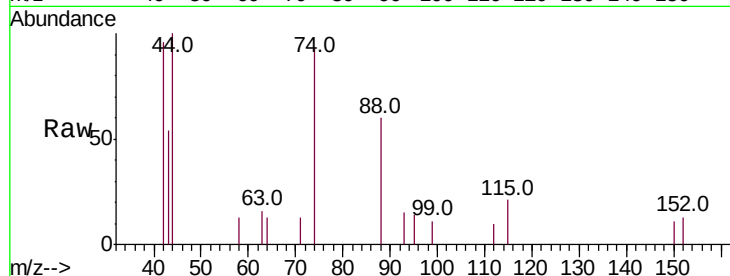
Tot Ion: 42 Resp: 893

Ion Ratio Lower Upper

42 100

74 114.3 99.4 149.0

44 10.3 4.8 7.2#



#4

2-Fluorophenol

Concen: 0.389 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

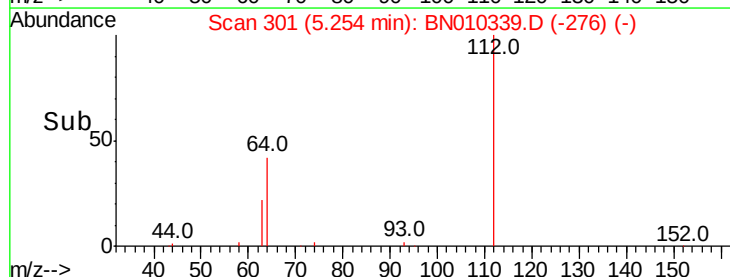
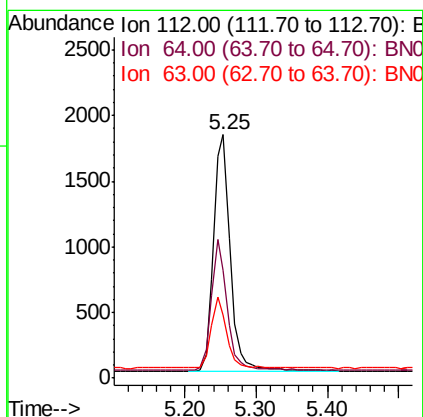
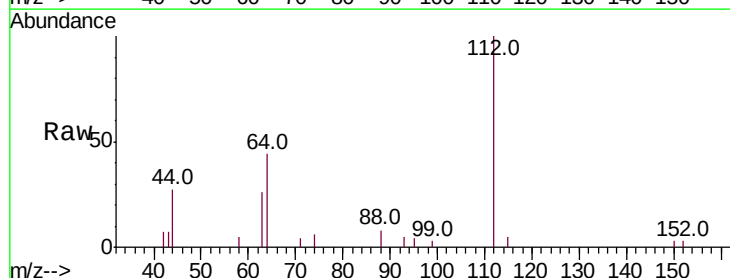
Tgt Ion: 112 Resp: 2970

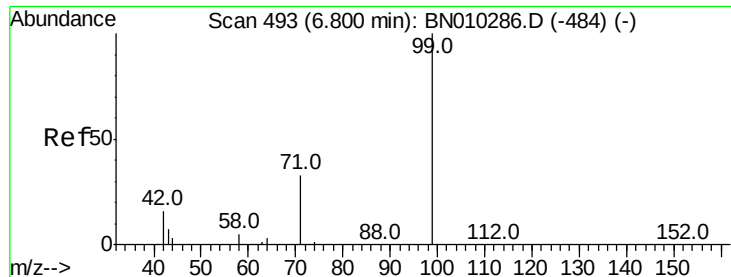
Ion Ratio Lower Upper

112 100

64 51.0 41.4 62.2

63 27.3 22.9 34.3





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

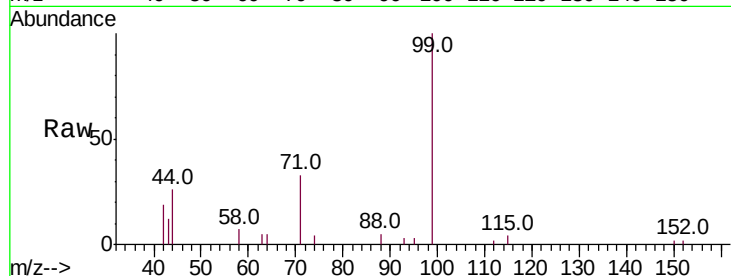
Tot Ion: 99 Resp: 3689

Ion Ratio Lower Upper

99 100

42 19.6 14.8 22.2

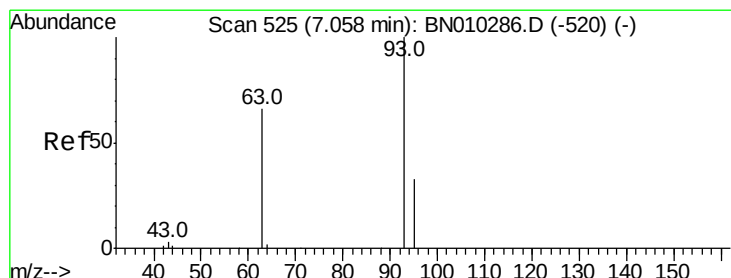
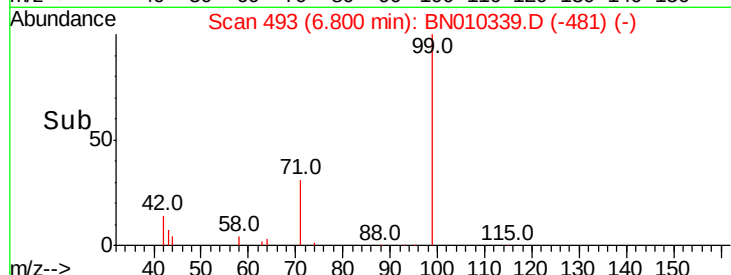
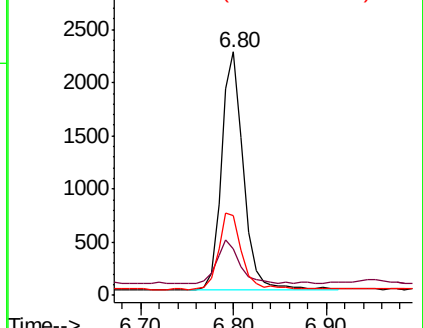
71 33.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.400 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

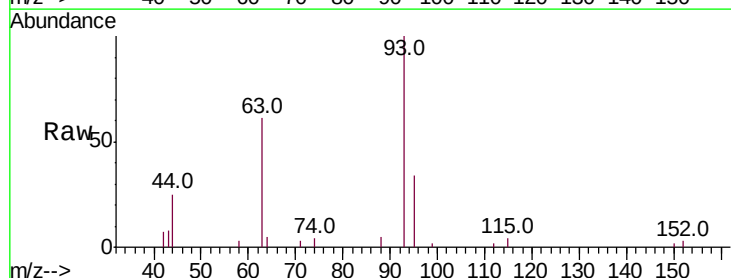
Tgt Ion: 93 Resp: 3650

Ion Ratio Lower Upper

93 100

63 68.3 55.6 83.4

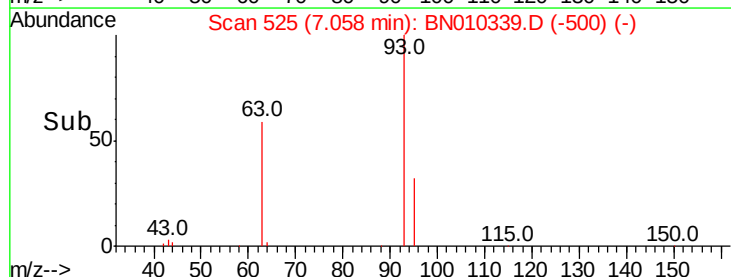
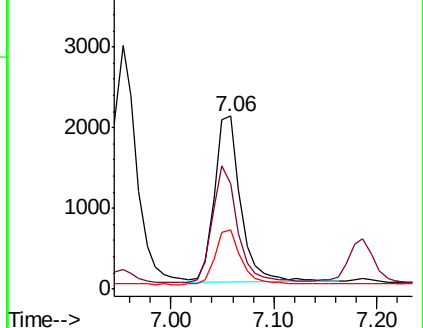
95 32.6 26.2 39.4

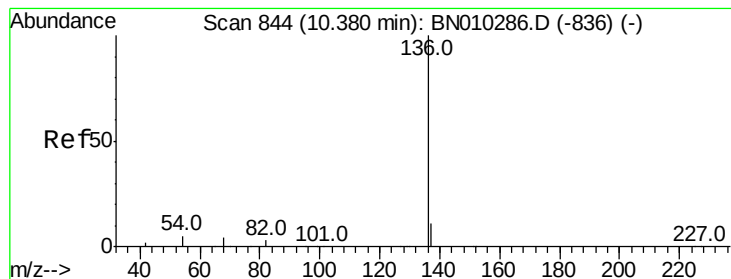


Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

Ion 63.00 (62.70 to 63.70): BN010286.D (-520) (-)

Ion 95.00 (94.70 to 95.70): BN010286.D (-520) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 13227

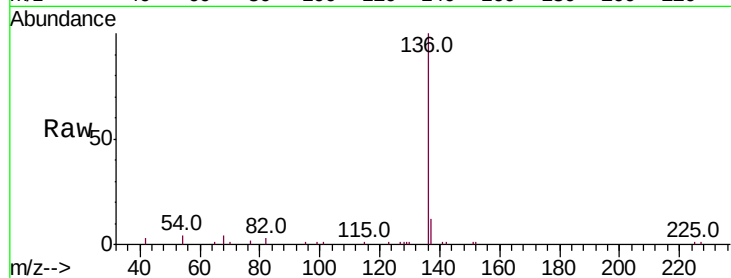
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 4.3 4.8 7.2#

68 4.2 4.1 6.1

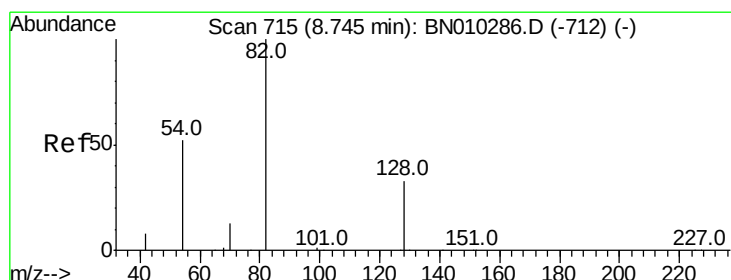
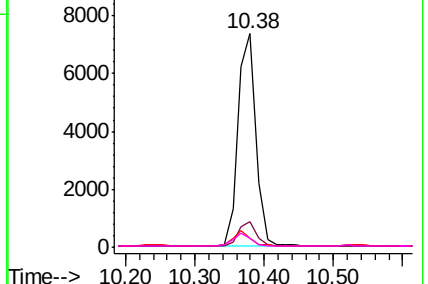
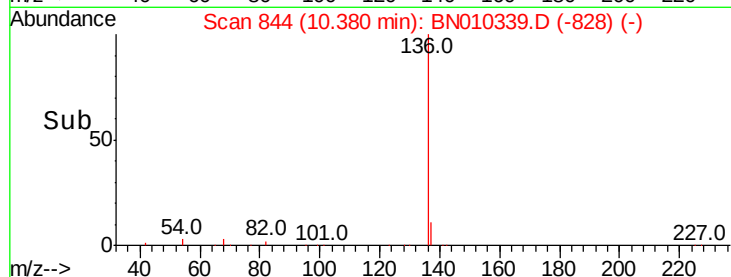


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

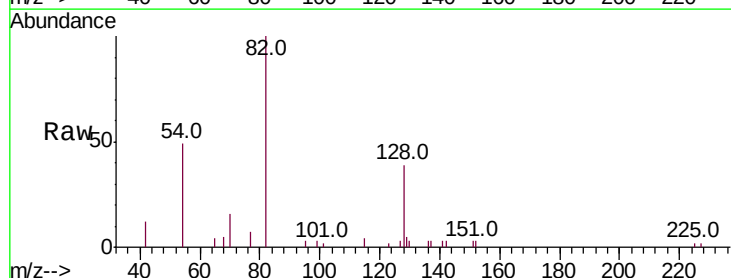
Tgt Ion: 82 Resp: 3278

Ion Ratio Lower Upper

82 100

128 38.8 28.8 43.2

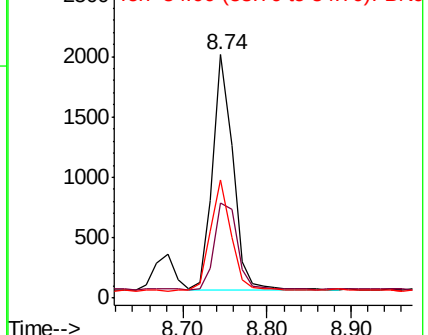
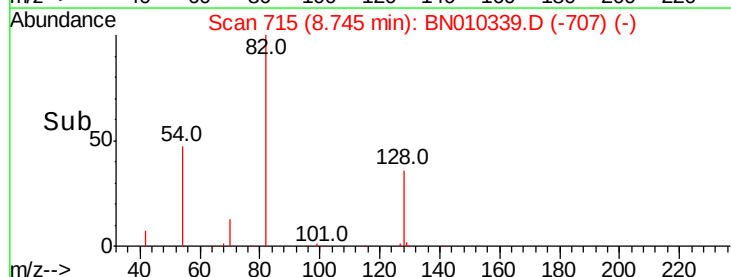
54 48.5 42.1 63.1

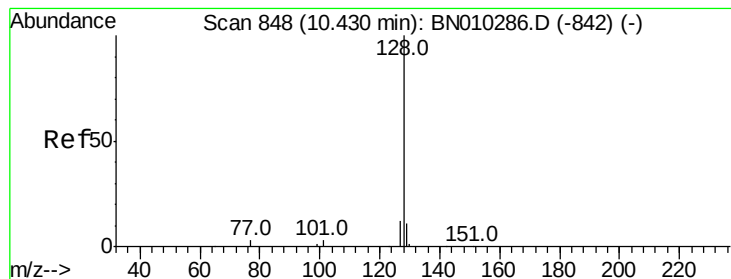


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.409 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

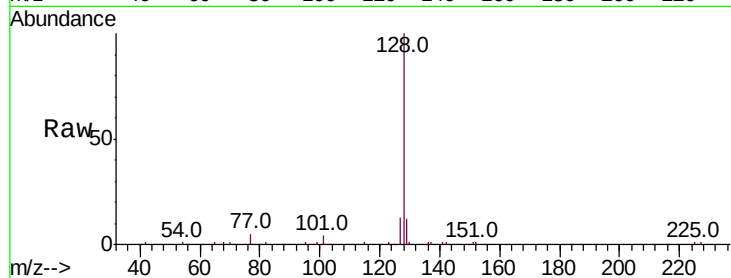
Tot Ion:128 Resp: 13503

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

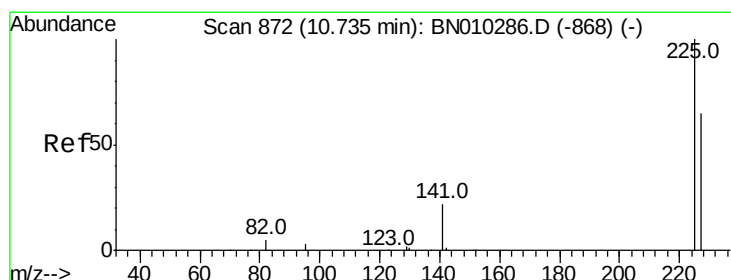
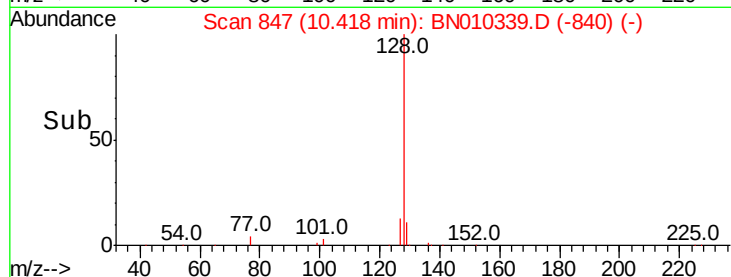
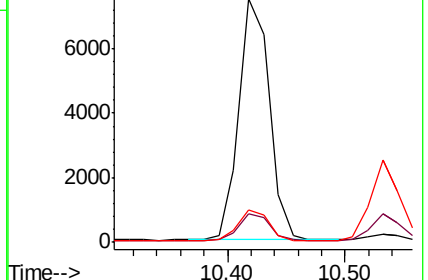
127 13.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.422 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

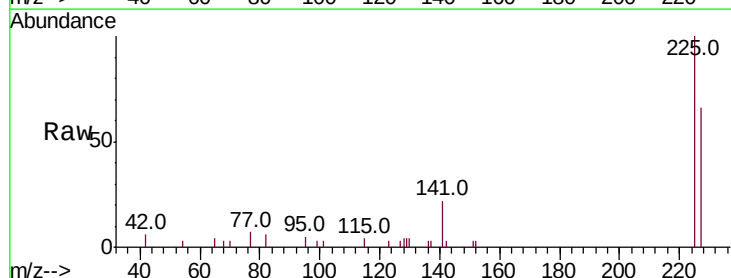
Tgt Ion:225 Resp: 3375

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

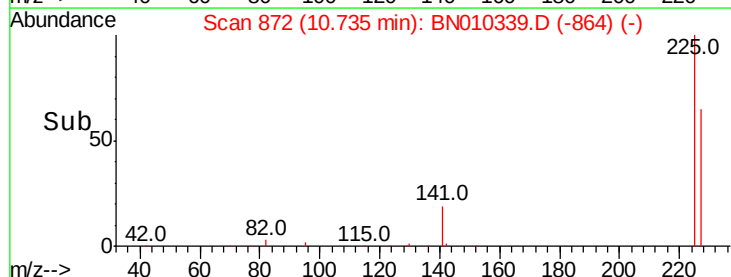
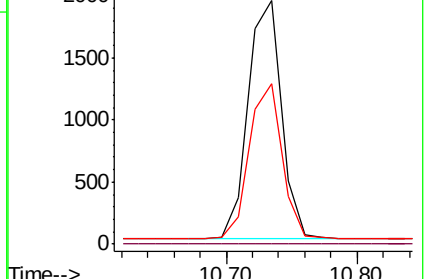
227 63.9 51.9 77.9

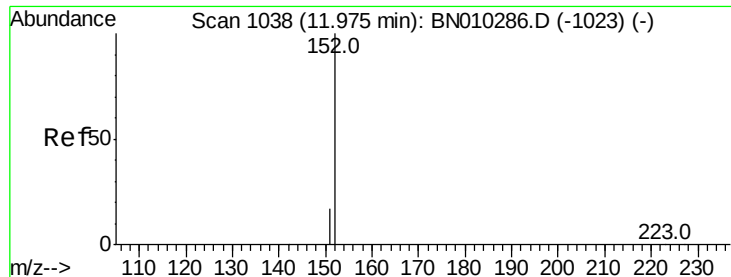


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

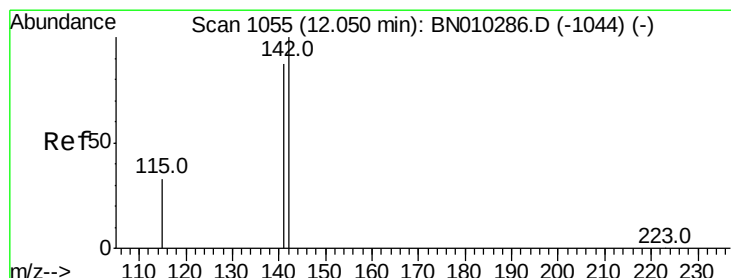
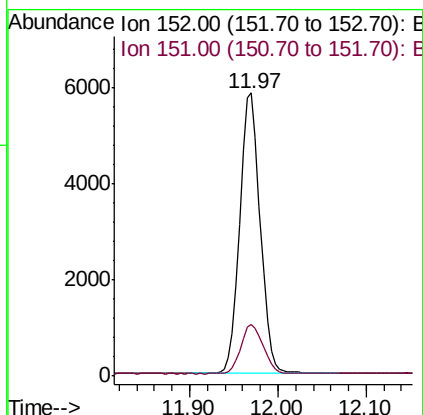
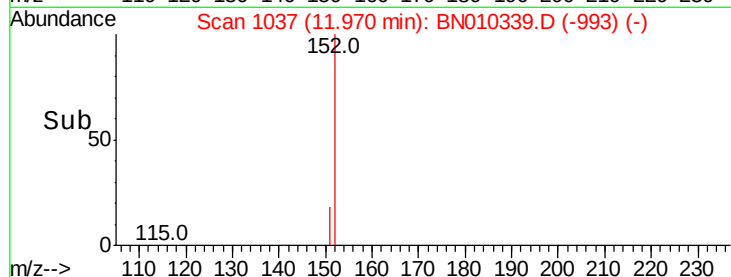
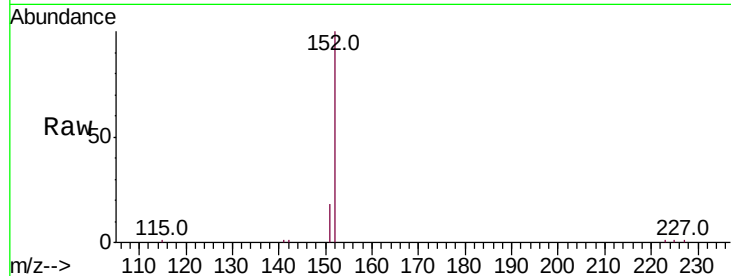




#11
2-Methylnaphthalene-d10
Concen: 0.444 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010339.D
Acq: 24 Mar 2020 22:52

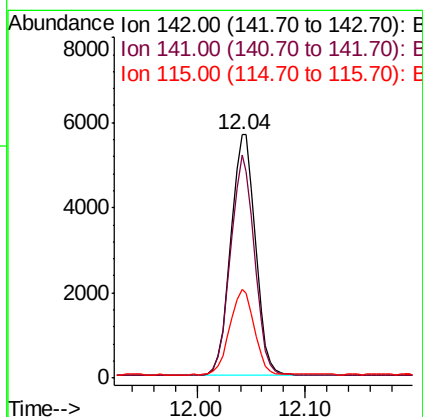
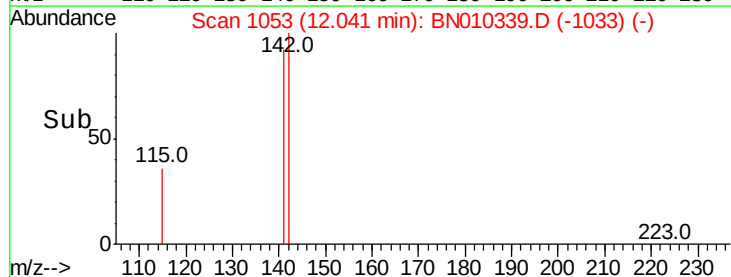
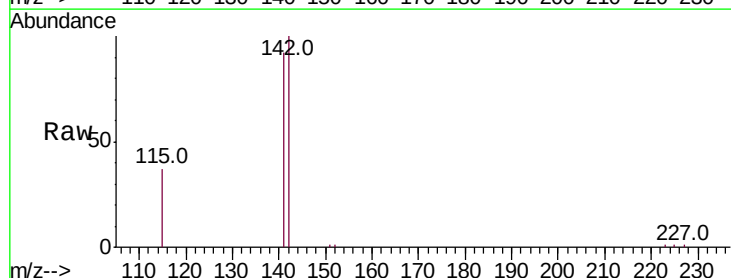
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

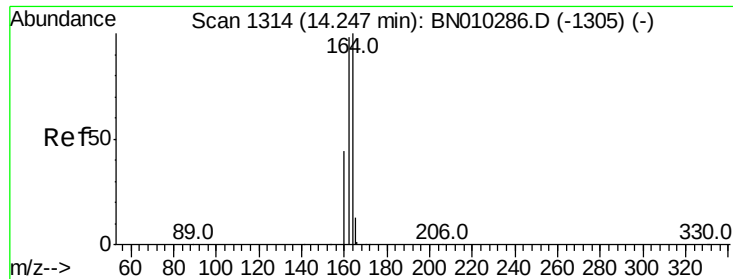
Tot Ion:152 Resp: 9368
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010339.D
Acq: 24 Mar 2020 22:52

Tgt Ion:142 Resp: 9019
Ion Ratio Lower Upper
142 100
141 91.8 69.5 104.3
115 36.6 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

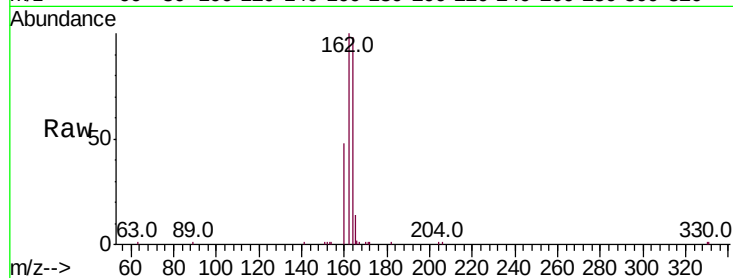
Tot Ion:164 Resp: 7614

Ion Ratio Lower Upper

164 100

162 101.6 78.2 117.2

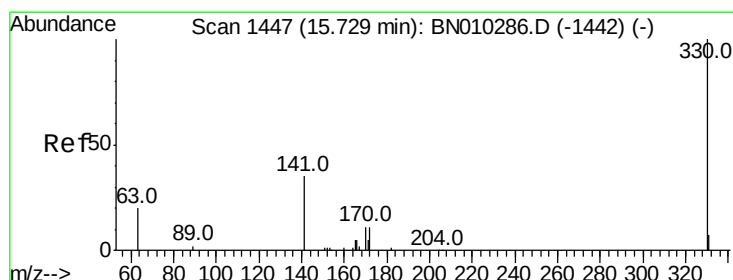
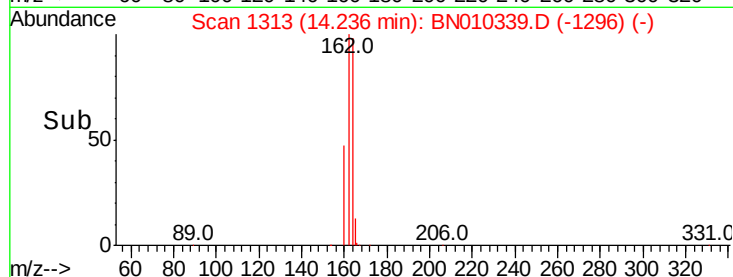
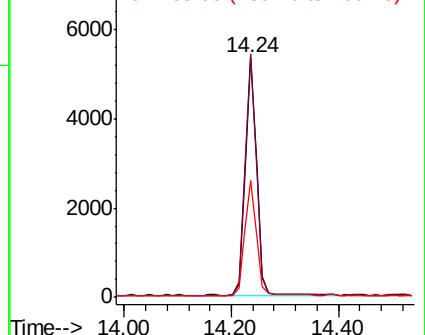
160 48.5 35.8 53.6



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: 0.342 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

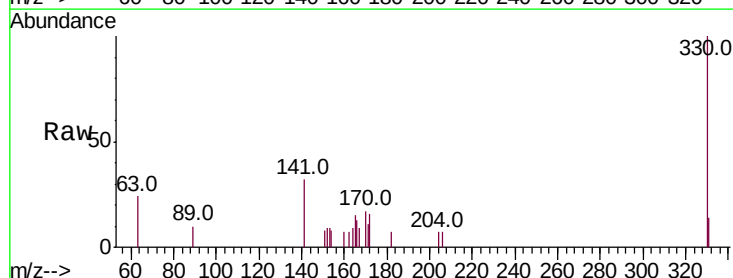
Tgt Ion:330 Resp: 1001

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

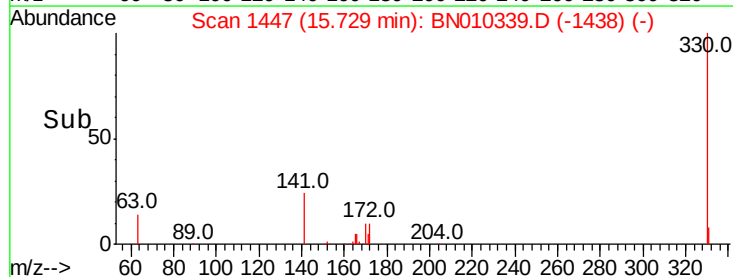
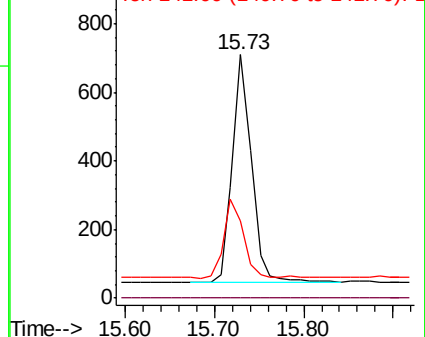
141 35.4 29.3 43.9

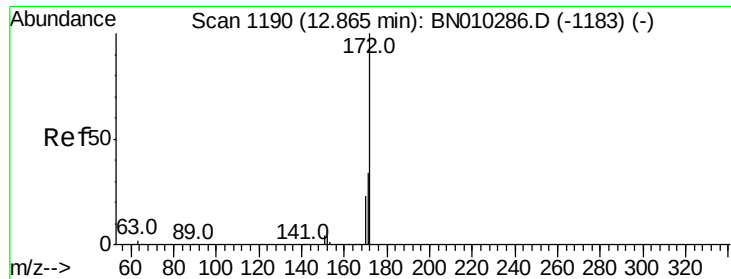


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

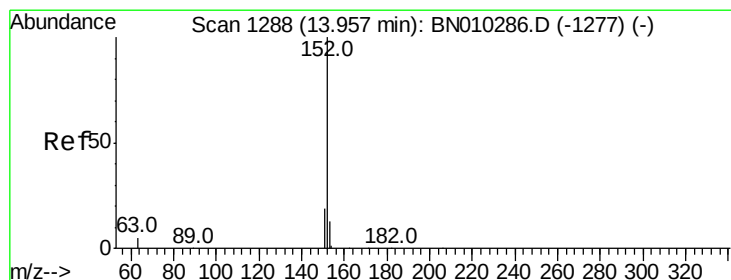
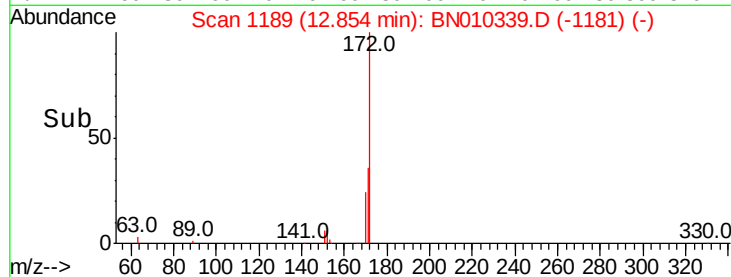
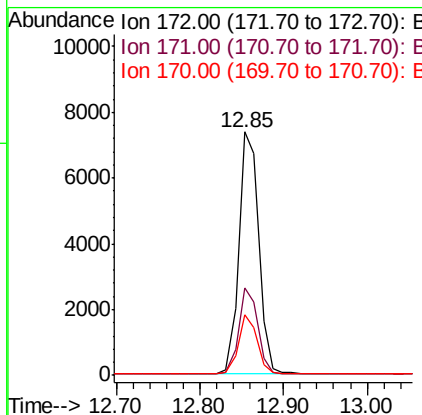
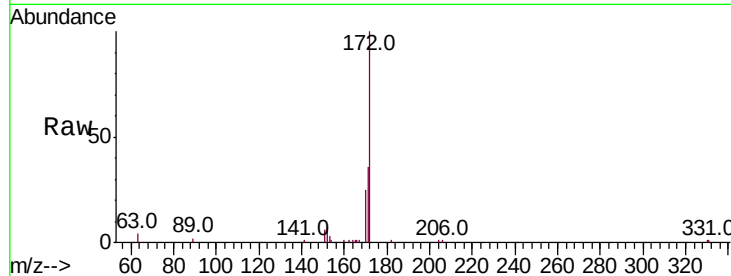




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010339.D
Acq: 24 Mar 2020 22:52

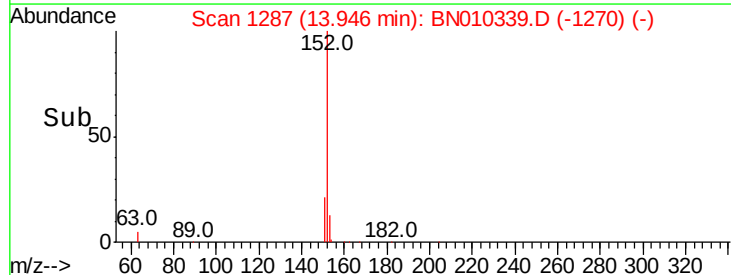
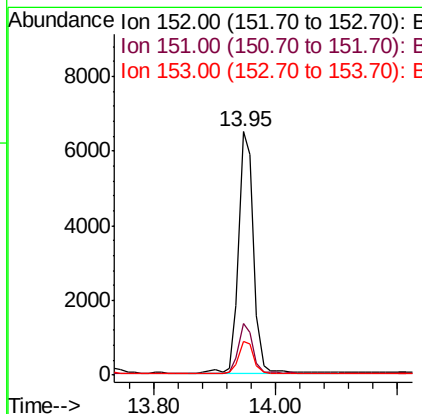
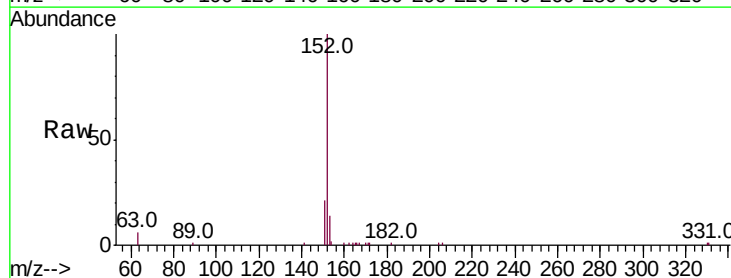
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

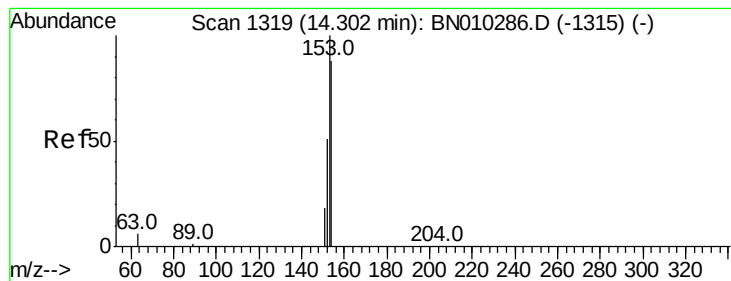
Tot Ion:172 Resp: 12097
Ion Ratio Lower Upper
172 100
171 36.0 27.6 41.4
170 24.7 18.5 27.7



#16
Acenaphthylene
Concen: 0.371 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN010339.D
Acq: 24 Mar 2020 22:52

Tgt Ion:152 Resp: 11073
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 13.5 10.6 15.8





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

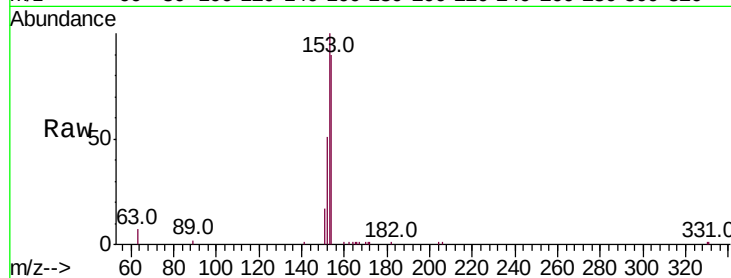
Tot Ion:154 Resp: 8494

Ion Ratio Lower Upper

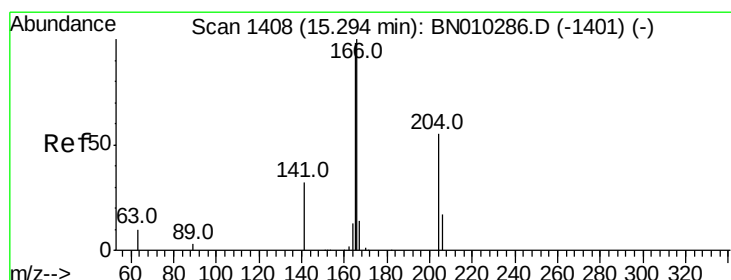
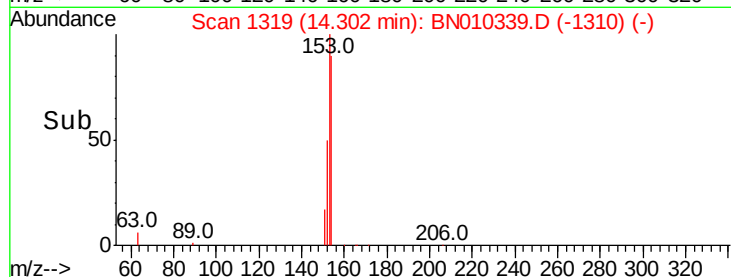
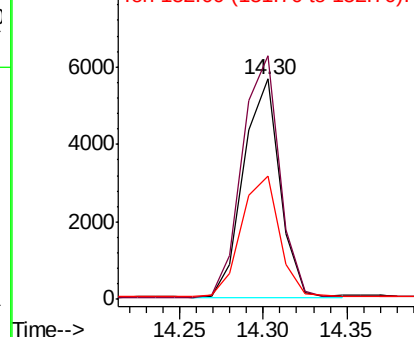
154 100

153 113.8 88.1 132.1

152 57.9 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: 0.395 ng

RT: 15.29 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

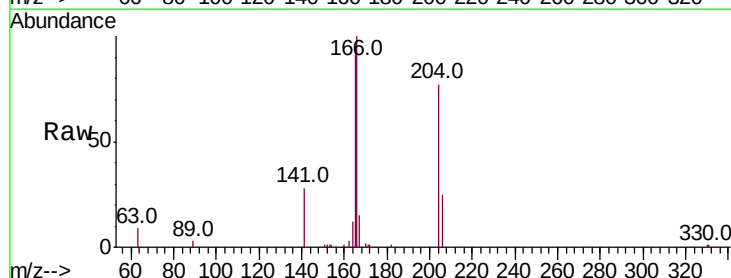
Tgt Ion:166 Resp: 11165

Ion Ratio Lower Upper

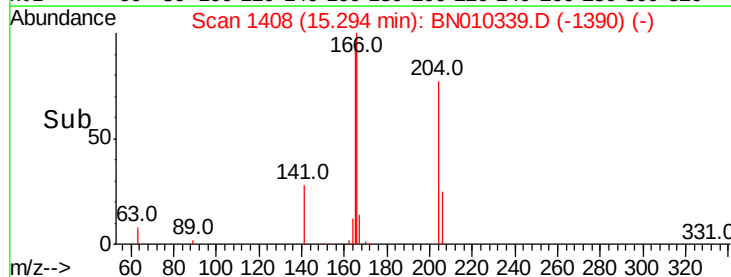
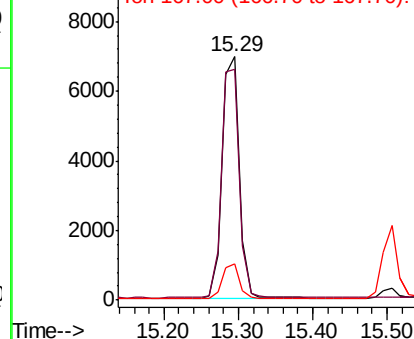
166 100

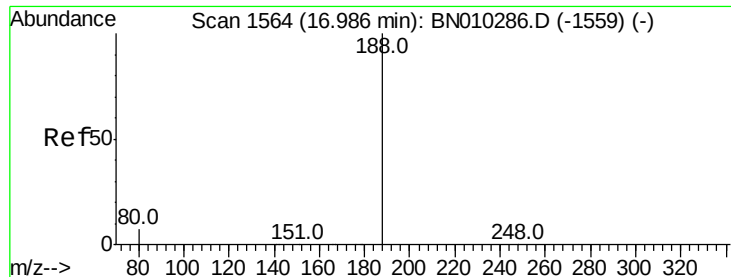
165 97.3 78.7 118.1

167 14.0 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: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

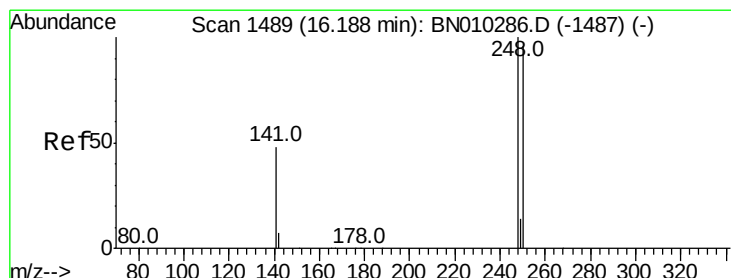
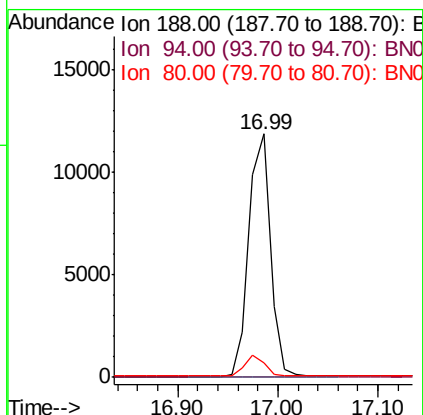
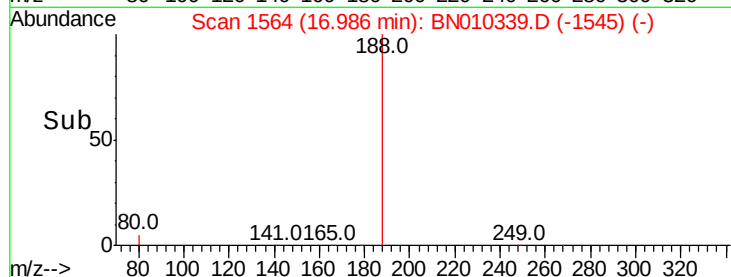
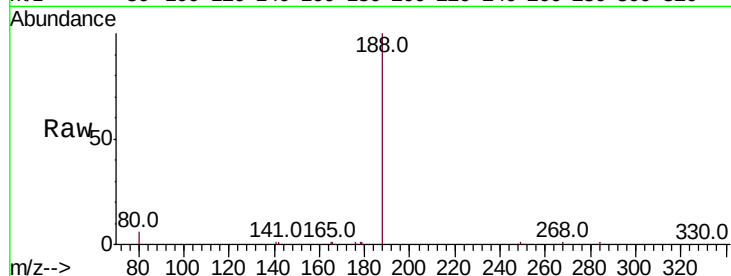
Tot Ion:188 Resp: 17875

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.7 6.0 9.0#



#20

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

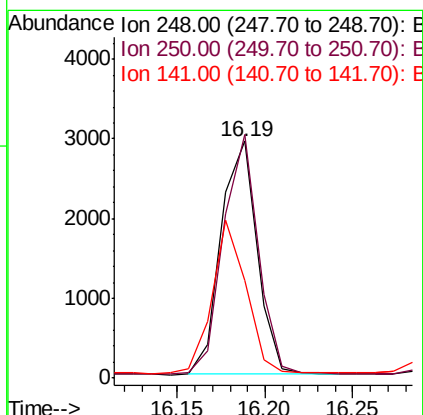
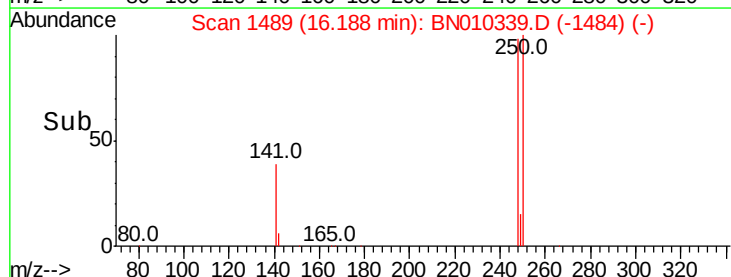
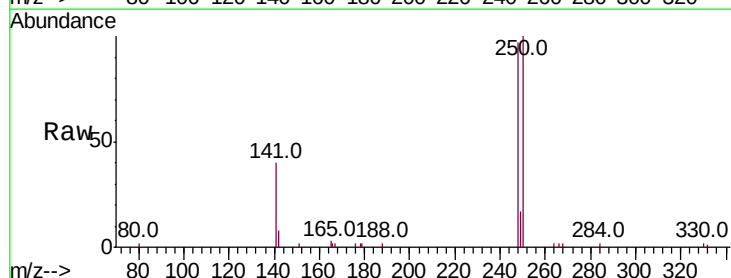
Tgt Ion:248 Resp: 4154

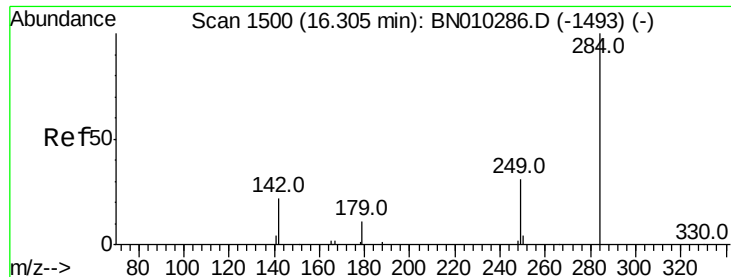
Ion Ratio Lower Upper

248 100

250 102.7 76.8 115.2

141 41.2 44.4 66.6#





#21

Hexachlorobenzene

Concen: 0.427 ng

RT: 16.31 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

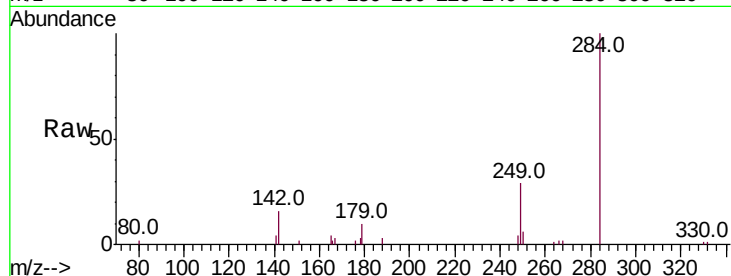
Tot Ion:284 Resp: 4753

Ion Ratio Lower Upper

284 100

142 34.5 27.4 41.2

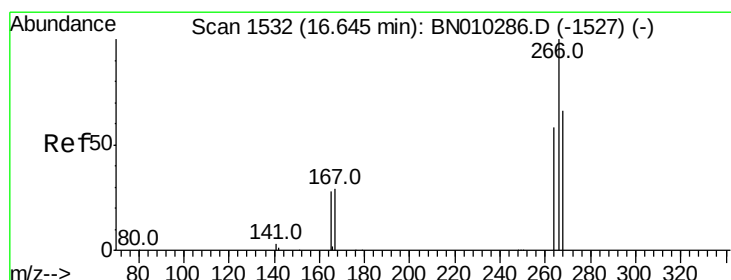
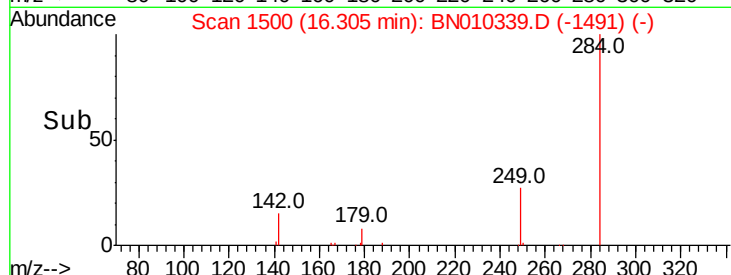
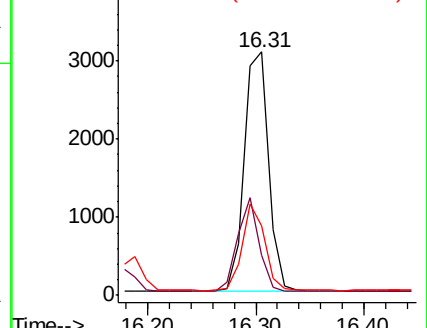
249 33.7 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.309 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

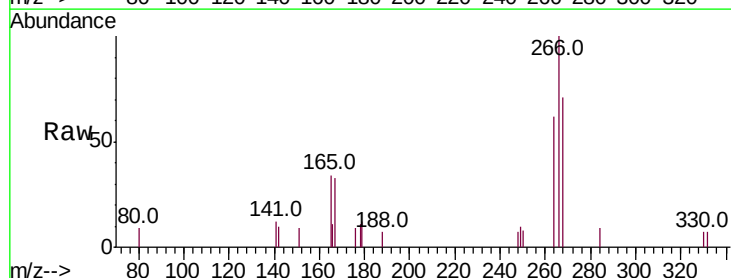
Tgt Ion:266 Resp: 1178

Ion Ratio Lower Upper

266 100

264 61.6 47.7 71.5

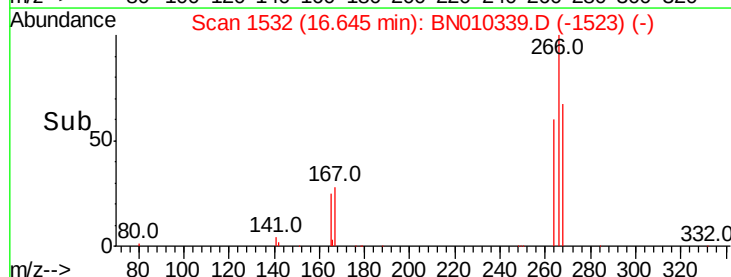
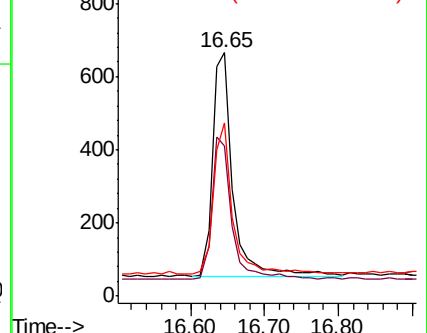
268 70.9 54.9 82.3

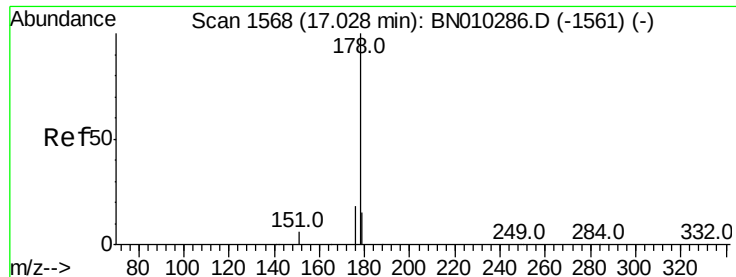


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.404 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

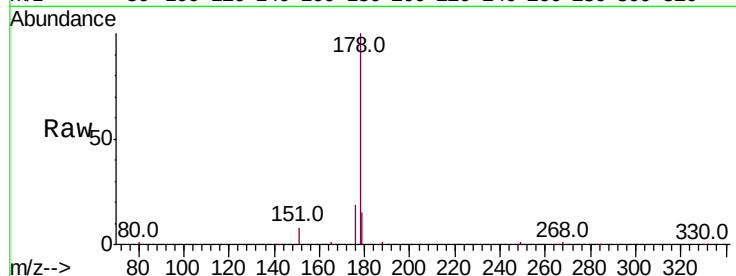
Tot Ion:178 Resp: 19847

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

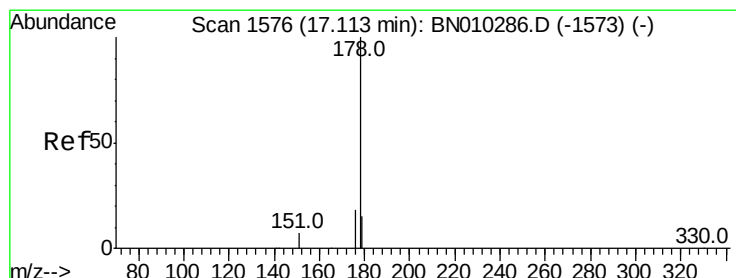
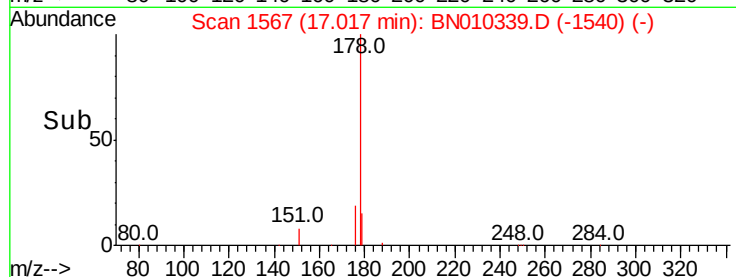
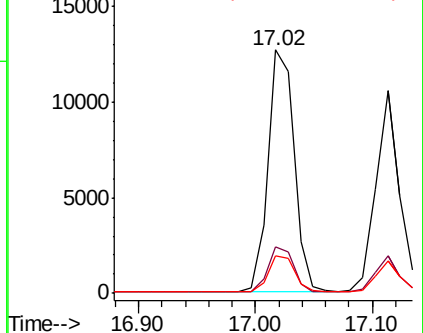
179 15.3 12.4 18.6



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



#24

Anthracene

Concen: 0.363 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

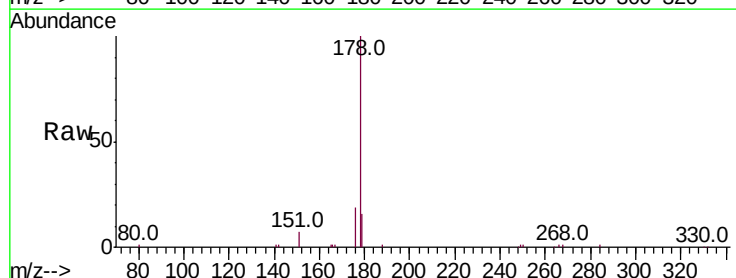
Tgt Ion:178 Resp: 15262

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

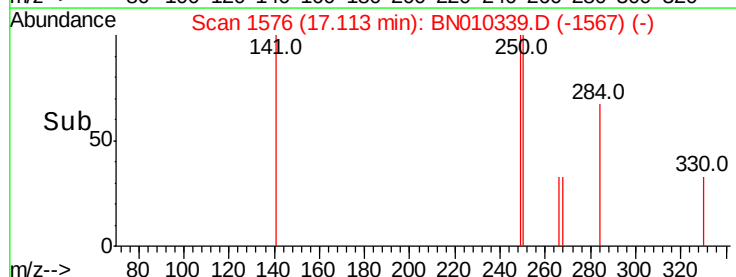
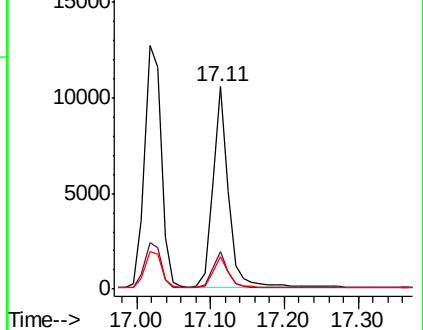
179 15.3 12.3 18.5

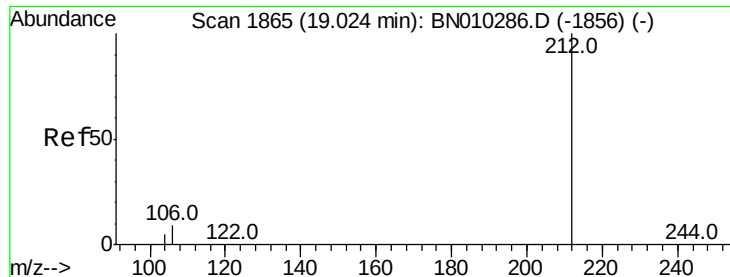


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.430 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

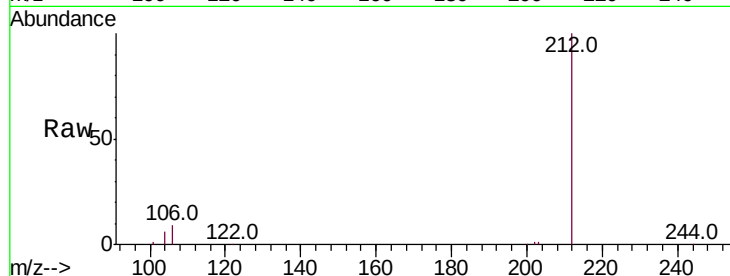
Tot Ion:212 Resp: 23168

Ion Ratio Lower Upper

212 100

106 9.3 7.4 11.2

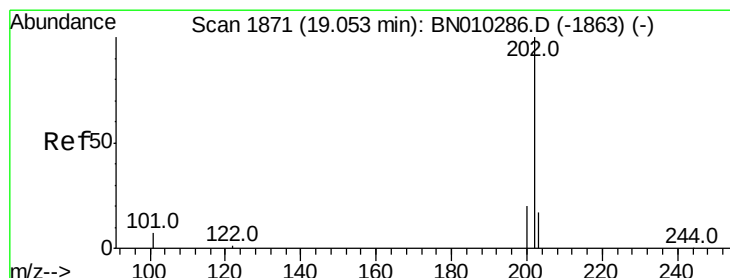
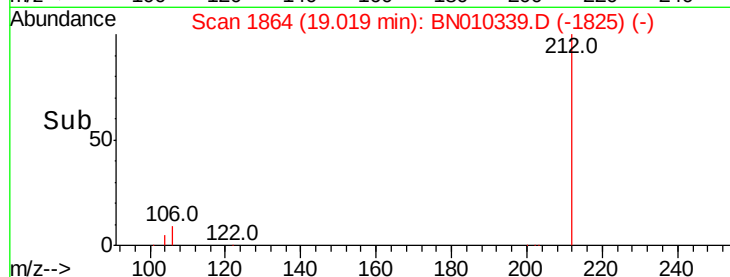
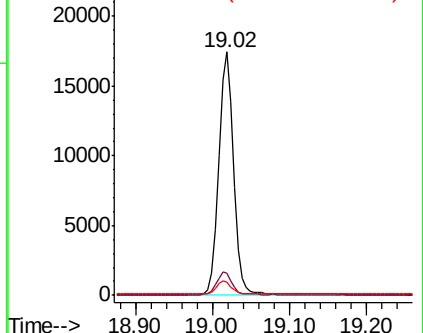
104 5.4 4.2 6.4



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: 0.390 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

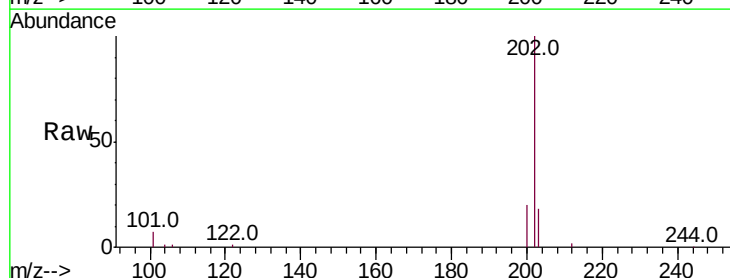
Tgt Ion:202 Resp: 23459

Ion Ratio Lower Upper

202 100

101 8.0 6.6 9.8

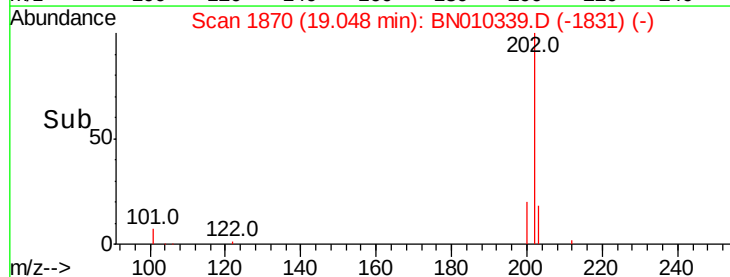
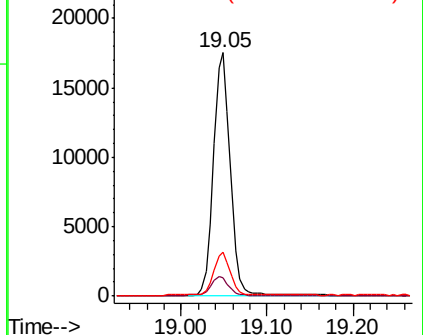
203 17.3 13.8 20.8

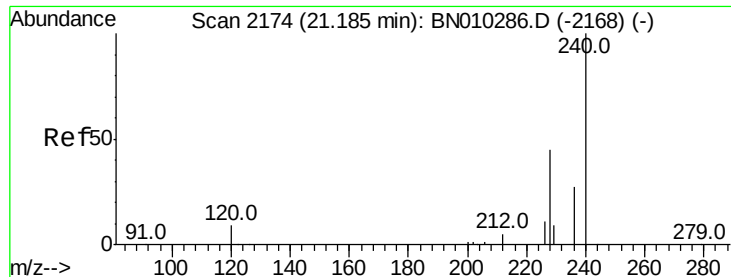


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

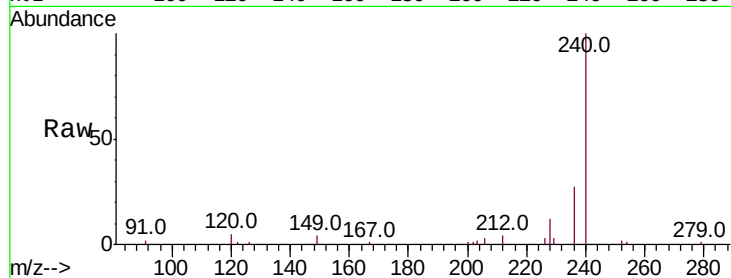




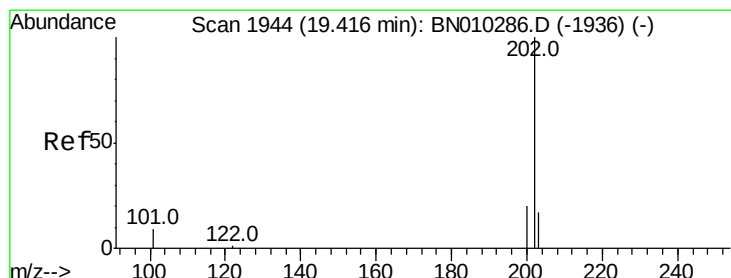
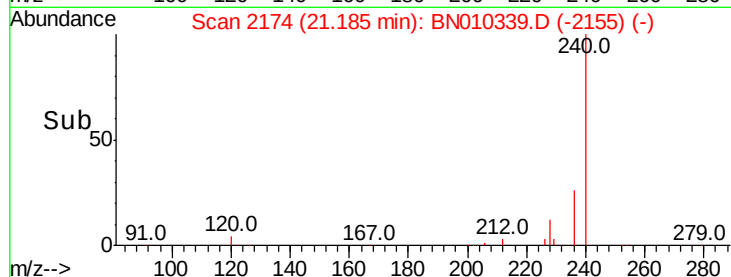
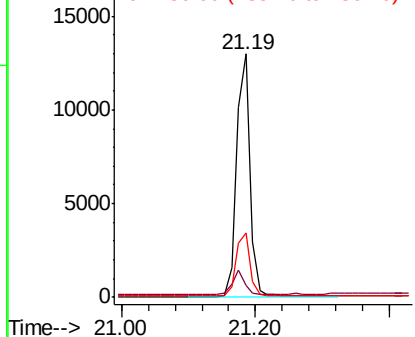
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010339.D
Acq: 24 Mar 2020 22:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 17978
Ion Ratio Lower Upper
240 100
120 5.0 7.9 11.9#
236 26.7 22.2 33.4

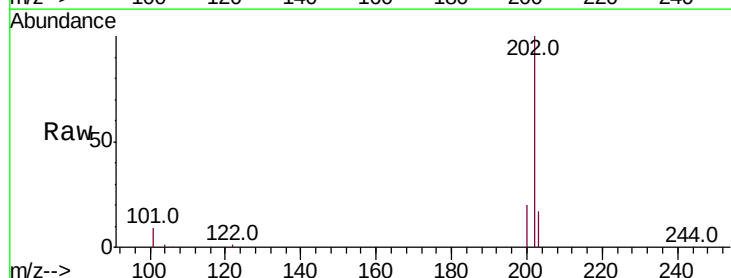


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

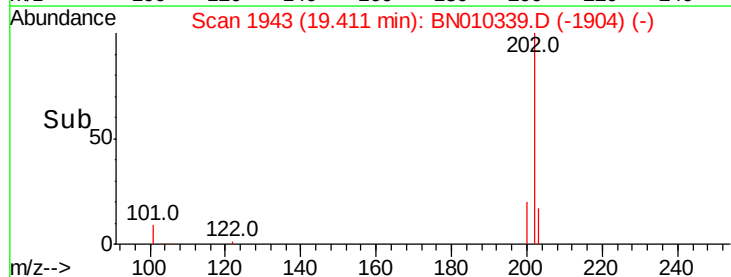
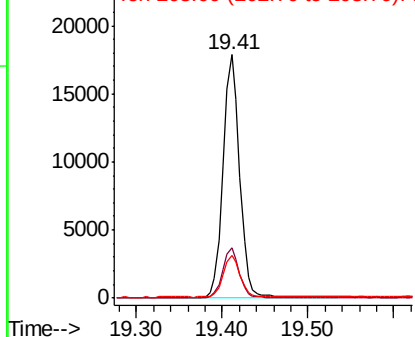


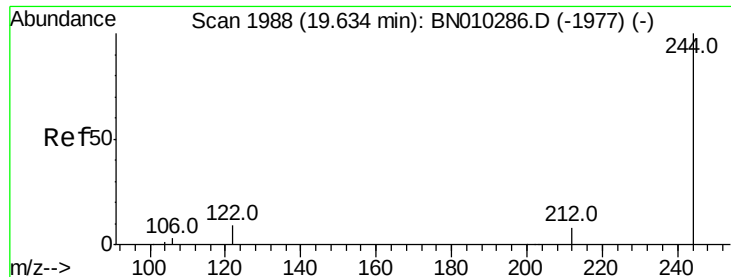
#28
Pyrene
Concen: 0.424 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BN010339.D
Acq: 24 Mar 2020 22:52

Tgt Ion:202 Resp: 23724
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.4
203 17.6 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: 0.419 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

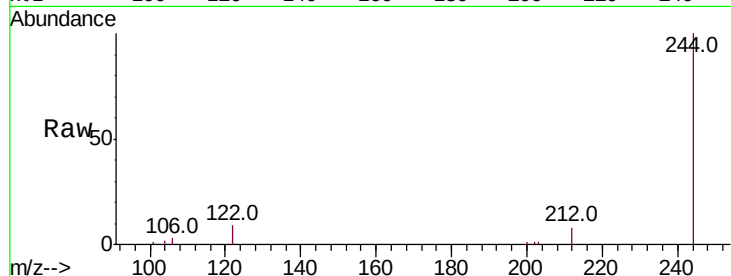
Tot Ion:244 Resp: 16254

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

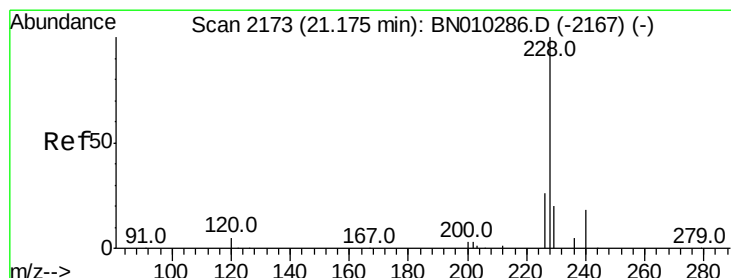
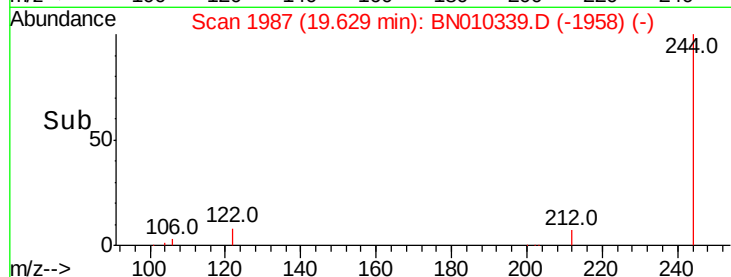
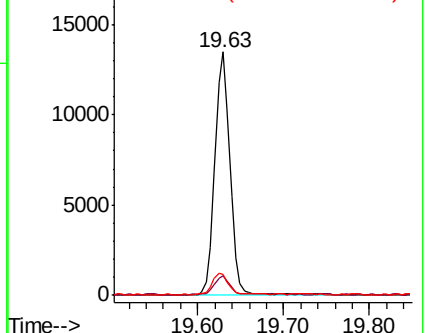
122 8.6 7.6 11.4



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: 0.382 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

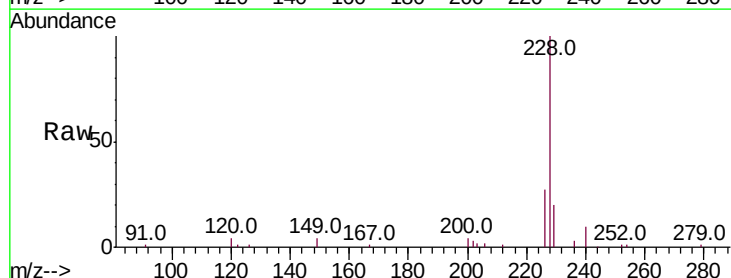
Tgt Ion:228 Resp: 21876

Ion Ratio Lower Upper

228 100

226 26.8 21.0 31.4

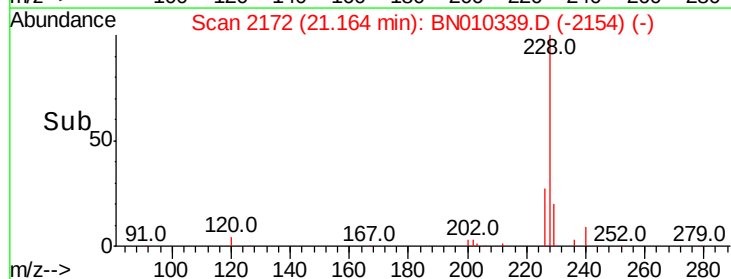
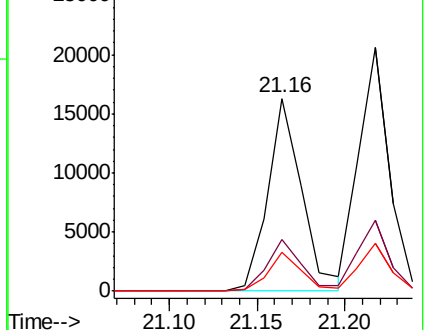
229 19.8 16.0 24.0

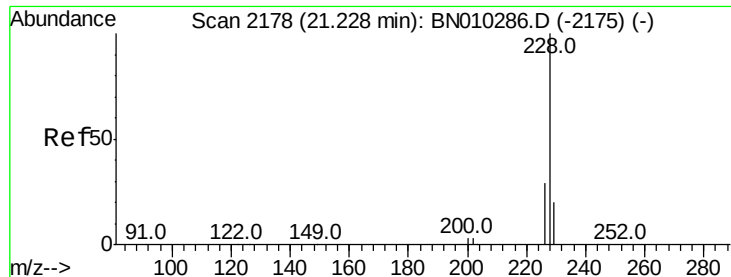


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.407 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

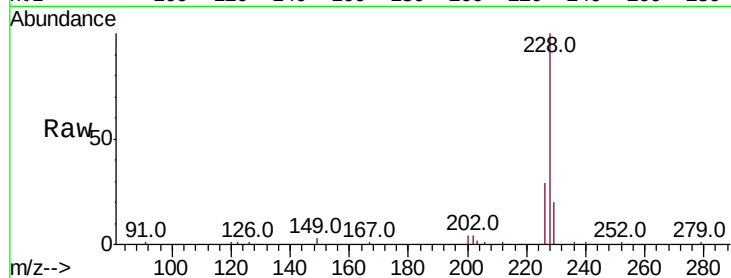
Tot Ion:228 Resp: 24999

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.6

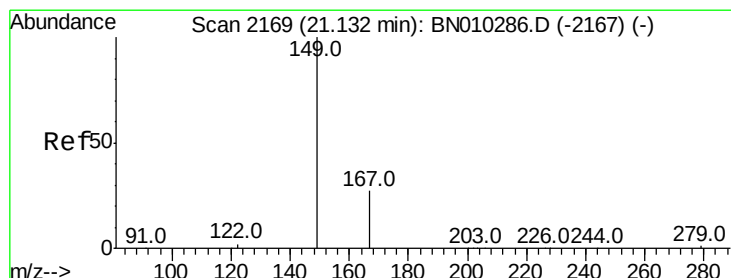
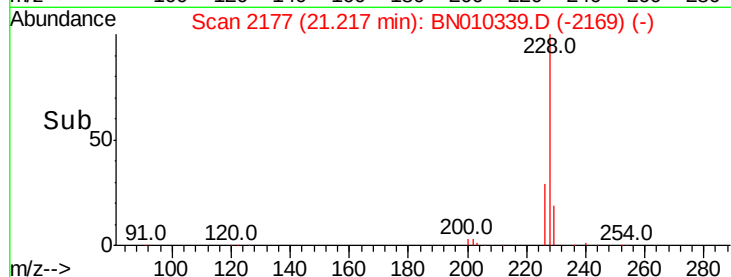
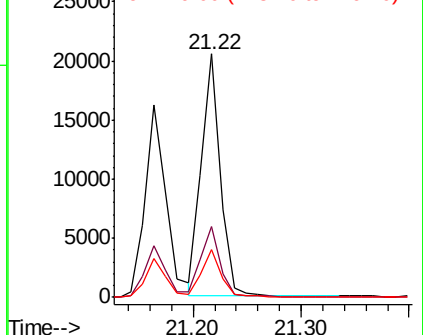
229 19.7 16.0 24.0



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: 0.300 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

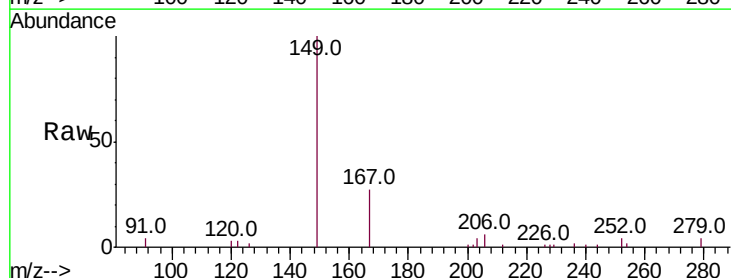
Tgt Ion:149 Resp: 5787

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.6

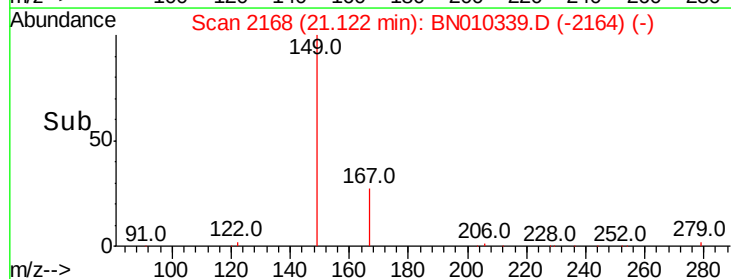
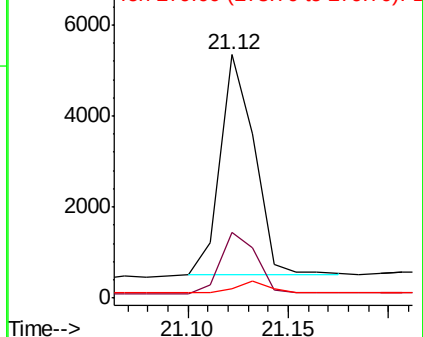
279 5.0 3.8 5.8

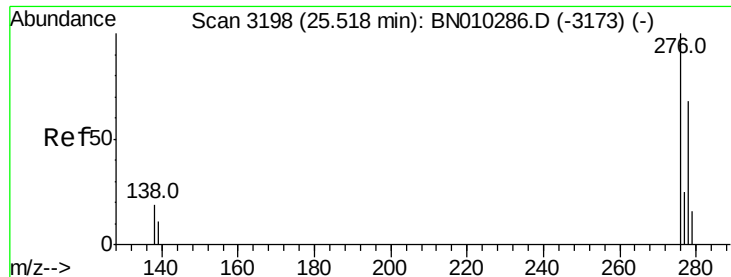


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

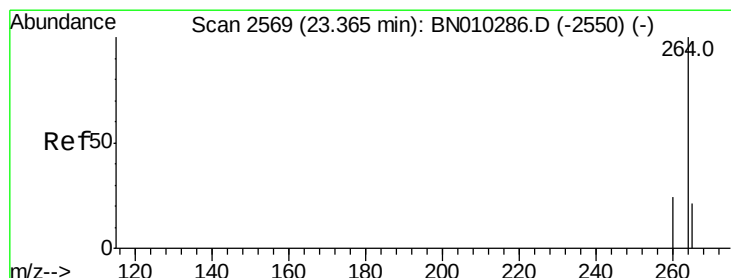
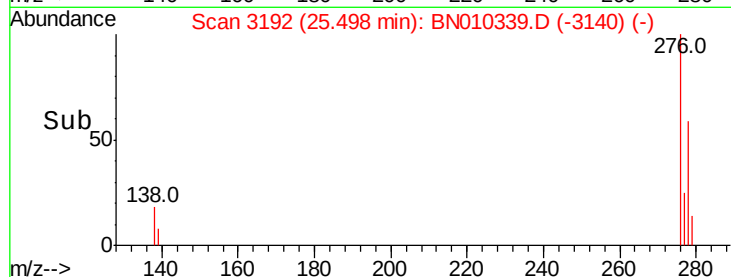
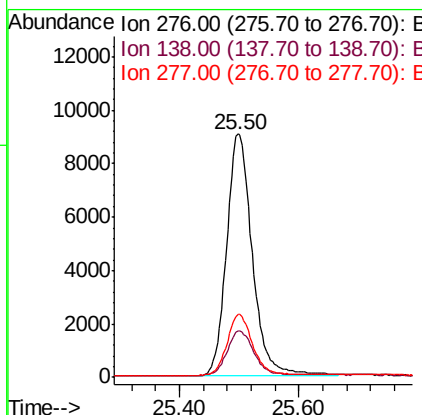
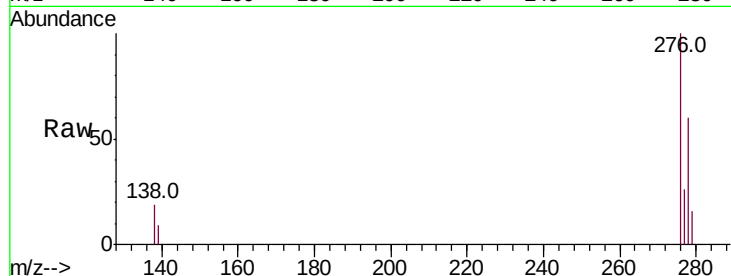




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.413 ng
 RT: 25.50 min Scan# 3192
 Delta R.T. -0.02 min
 Lab File: BN010339.D
 Acq: 24 Mar 2020 22:52

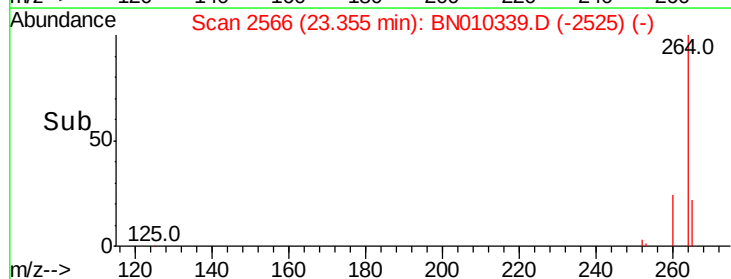
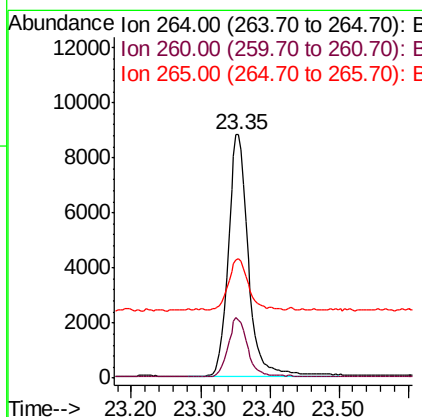
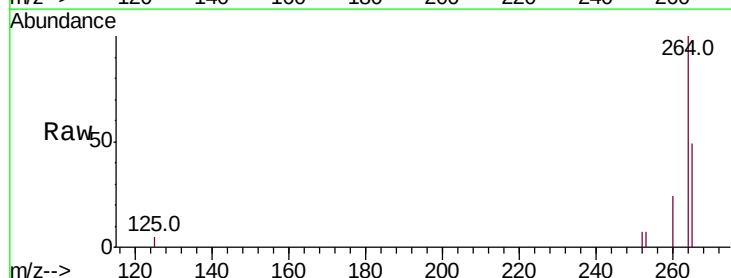
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

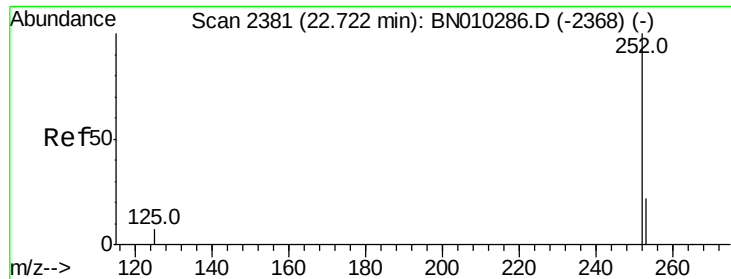
Tot Ion:276 Resp: 27180
 Ion Ratio Lower Upper
 276 100
 138 19.0 15.6 23.4
 277 24.8 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.35 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BN010339.D
 Acq: 24 Mar 2020 22:52

Tgt Ion:264 Resp: 17520
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 49.0 32.4 48.6#





#35

Benzo(b)fluoranthene

Concen: 0.412 ng

RT: 22.71 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

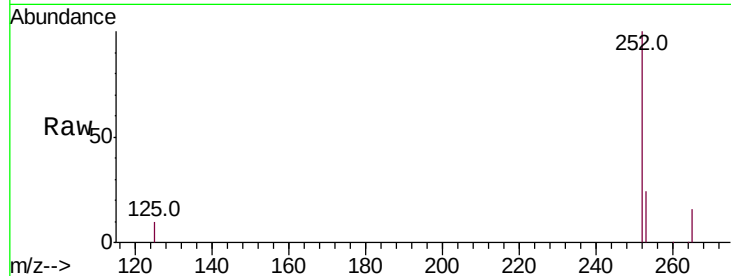
Tot Ion:252 Resp: 24526

Ion Ratio Lower Upper

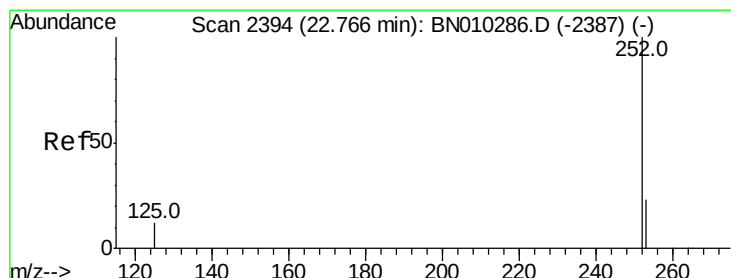
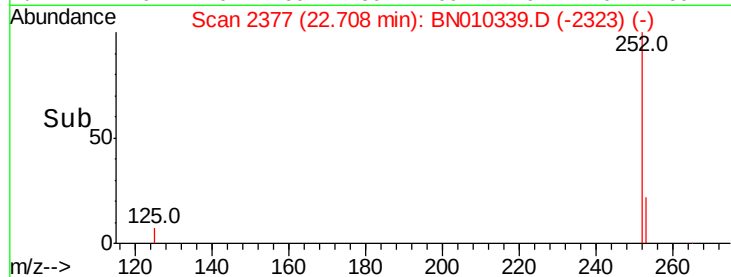
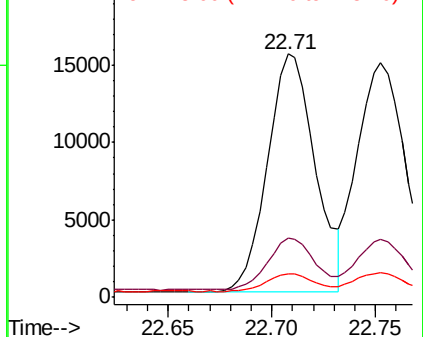
252 100

253 24.4 19.2 28.8

125 9.7 7.4 11.0



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



#36

Benzo(k)fluoranthene

Concen: 0.404 ng

RT: 22.75 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

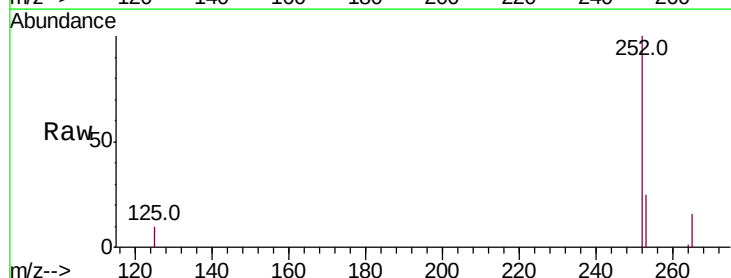
Tgt Ion:252 Resp: 24464

Ion Ratio Lower Upper

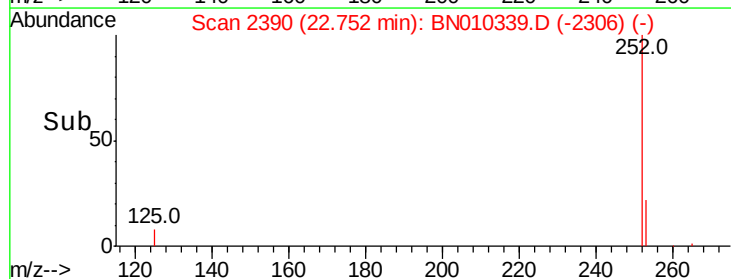
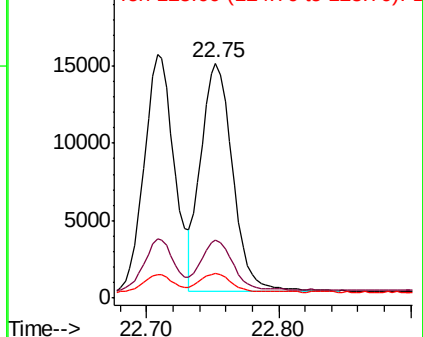
252 100

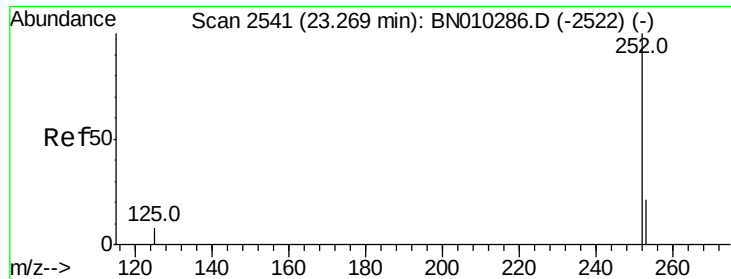
253 24.7 19.4 29.0

125 10.5 10.2 15.2



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





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

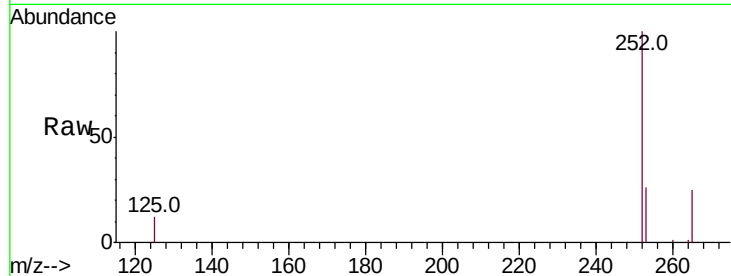
Tot Ion:252 Resp: 19430

Ion Ratio Lower Upper

252 100

253 26.2 19.9 29.9

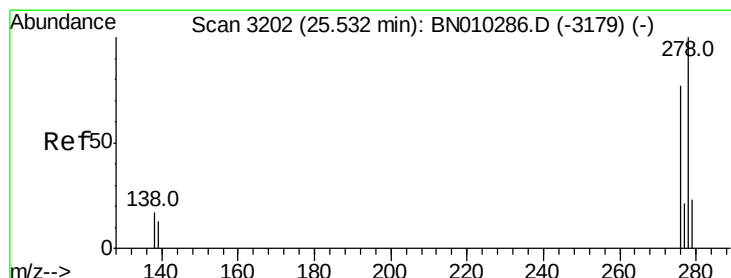
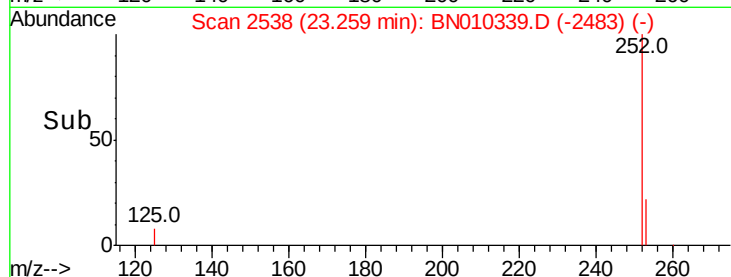
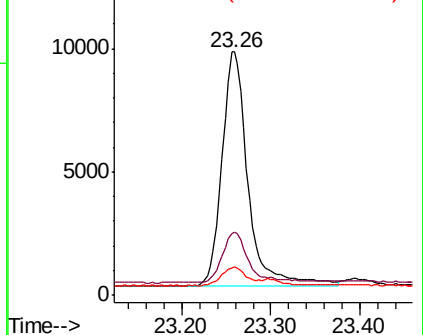
125 11.7 8.9 13.3



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: 0.411 ng

RT: 25.51 min Scan# 3196

Delta R.T. -0.02 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

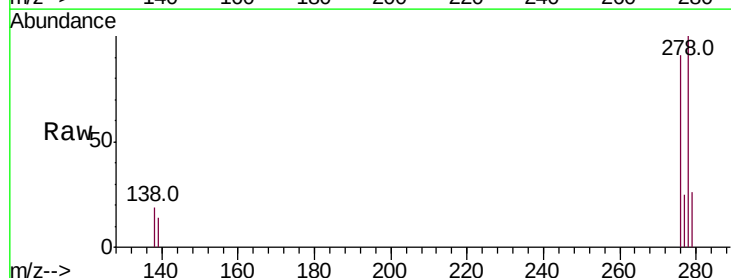
Tgt Ion:278 Resp: 22343

Ion Ratio Lower Upper

278 100

139 13.5 10.6 16.0

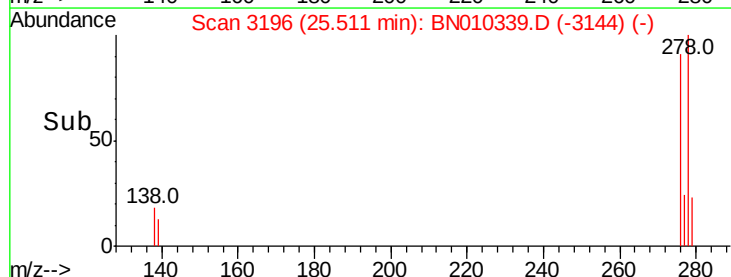
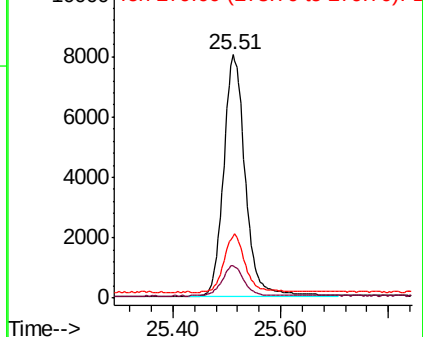
279 25.7 19.8 29.6

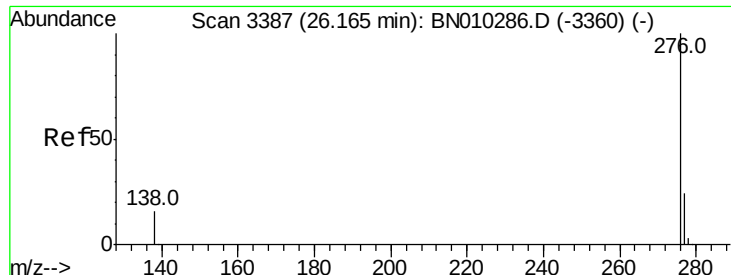


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.411 ng

RT: 26.15 min Scan# 3382

Delta R.T. -0.02 min

Lab File: BN010339.D

Acq: 24 Mar 2020 22:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

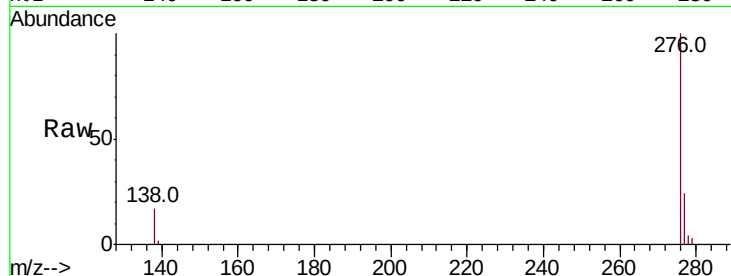
Tot Ion:276 Resp: 22455

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 17.0 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

