

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010983.D
 Acq On : 20 Jun 2020 01:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 20 06:17:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2148	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7298	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	4102	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8843	0.40	ng	0.00
27) Chrysene-d12	21.11	240	8725	0.40	ng	0.00
34) Perylene-d12	23.26	264	10191	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1875	0.45	ng	0.00
5) Phenol-d6	6.72	99	2377	0.49	ng	0.00
8) Nitrobenzene-d5	8.67	82	2260	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4717	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	585	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	6758	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	9998	0.41	ng	0.00
29) Terphenyl-d14	19.56	244	7980	0.39	ng	0.00

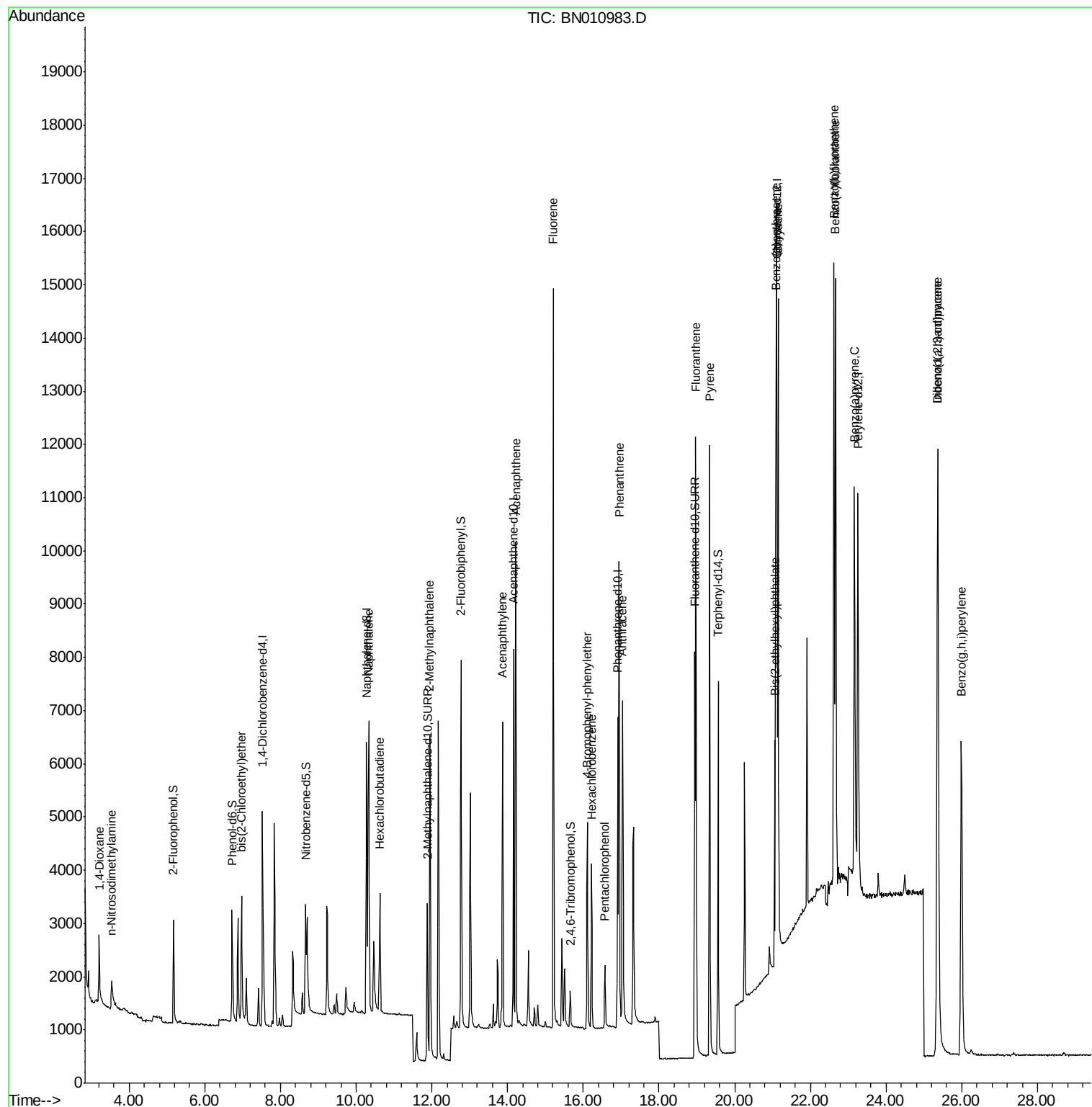
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	1011	0.481	ng	96
3) n-Nitrosodimethylamine	3.53	42	566	0.463	ng	# 99
6) bis(2-Chloroethyl)ether	6.98	93	2428	0.510	ng	94
9) Naphthalene	10.33	128	7615	0.415	ng	100
10) Hexachlorobutadiene	10.62	225	1823	0.402	ng	# 99
12) 2-Methylnaphthalene	11.95	142	5099	0.415	ng	99
16) Acenaphthylene	13.86	152	6942	0.413	ng	100
17) Acenaphthene	14.22	154	5226	0.456	ng	98
18) Fluorene	15.21	166	6055	0.410	ng	99
20) 4-Bromophenyl-phenylether	16.11	248	2072	0.390	ng	95
21) Hexachlorobenzene	16.22	284	2205	0.398	ng	99
22) Pentachlorophenol	16.57	266	732	0.393	ng	99
23) Phenanthrene	16.95	178	9897	0.410	ng	99
24) Anthracene	17.03	178	8208	0.407	ng	99
26) Fluoranthene	18.98	202	11144	0.406	ng	99
28) Pyrene	19.34	202	11249	0.390	ng	100
30) Benzo(a)anthracene	21.10	228	10232	0.399	ng	100
31) Chrysene	21.14	228	12451	0.417	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	3824	0.447	ng	96
33) Indeno(1,2,3-cd)pyrene	25.36	276	15053	0.451	ng	97
35) Benzo(b)fluoranthene	22.62	252	13886	0.401	ng	98
36) Benzo(k)fluoranthene	22.67	252	14476	0.392	ng	98
37) Benzo(a)pyrene	23.17	252	11921	0.401	ng	95
38) Dibenzo(a,h)anthracene	25.37	278	12321	0.364	ng	97
39) Benzo(g,h,i)perylene	25.99	276	12654	0.357	ng	98

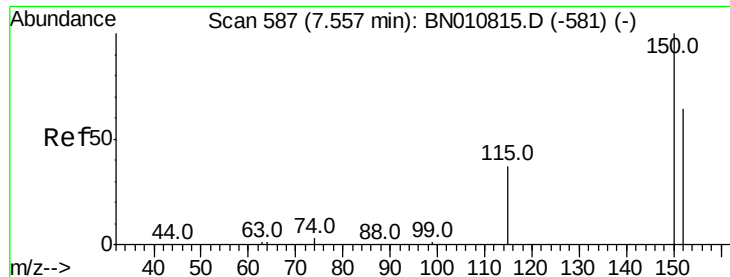
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

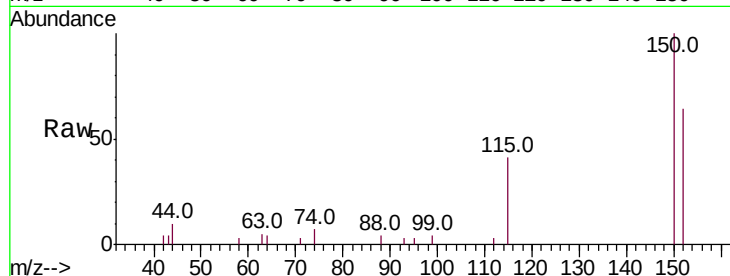
Tot Ion:152 Resp: 2148

Ion Ratio Lower Upper

152 100

150 155.1 123.8 185.6

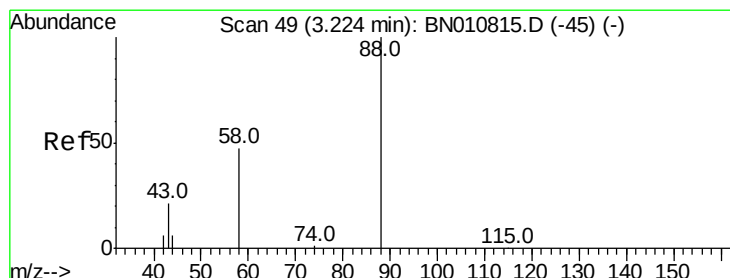
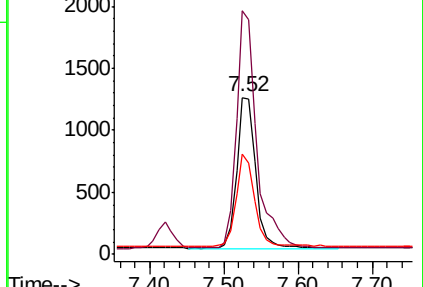
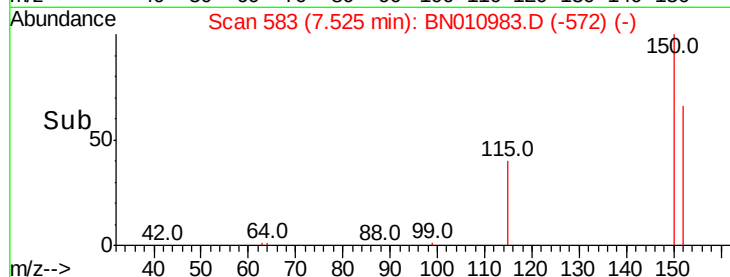
115 63.7 49.2 73.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.481 ng

RT: 3.21 min Scan# 47

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

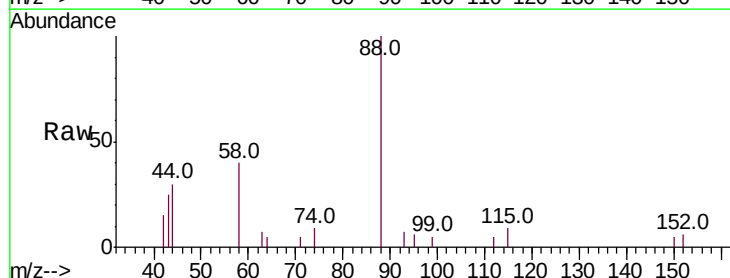
Tgt Ion: 88 Resp: 1011

Ion Ratio Lower Upper

88 100

58 50.8 38.2 57.4

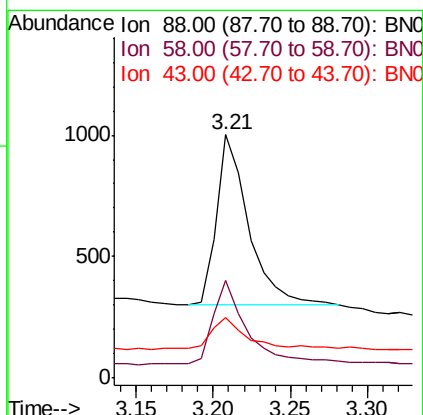
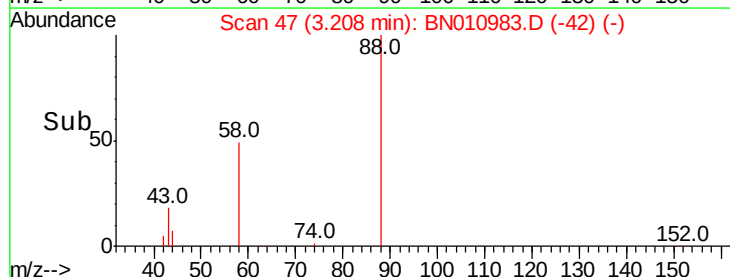
43 19.7 15.1 22.7

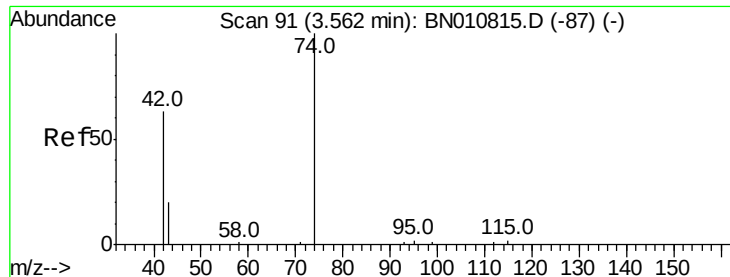


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.463 ng

RT: 3.53 min Scan# 87

Delta R.T. 0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

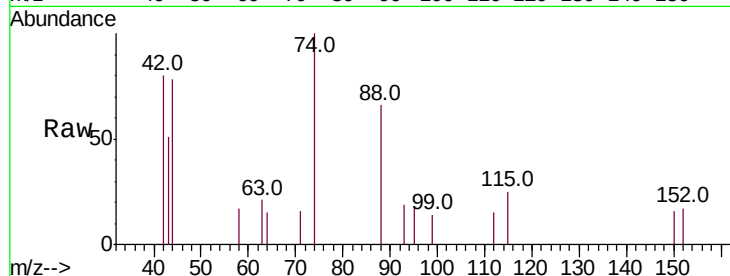
Tot Ion: 42 Resp: 566

Ion Ratio Lower Upper

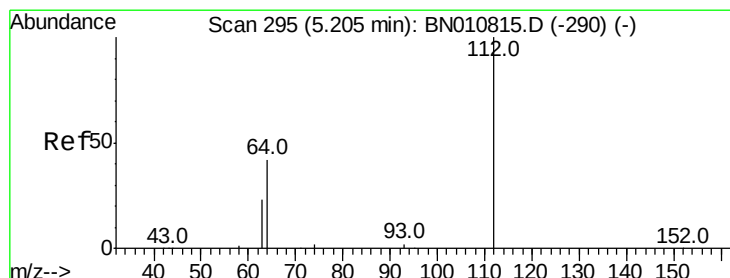
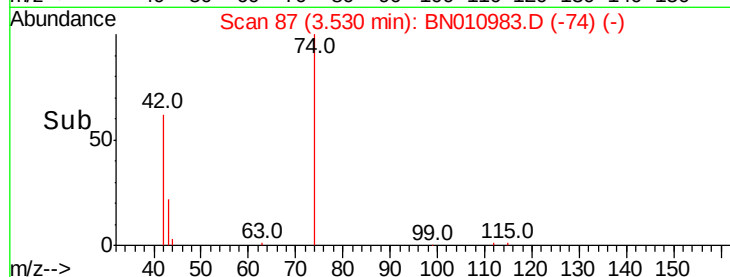
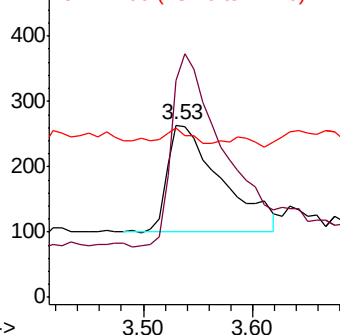
42 100

74 177.0 140.7 211.1

44 6.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.452 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

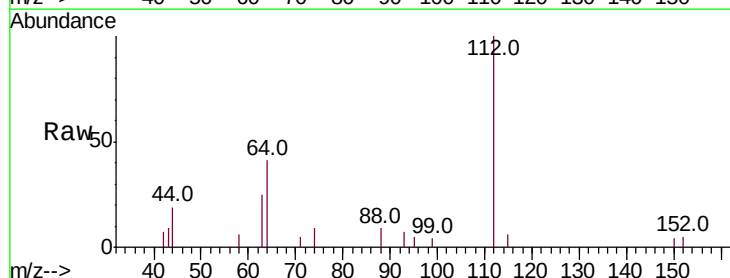
Tgt Ion: 112 Resp: 1875

Ion Ratio Lower Upper

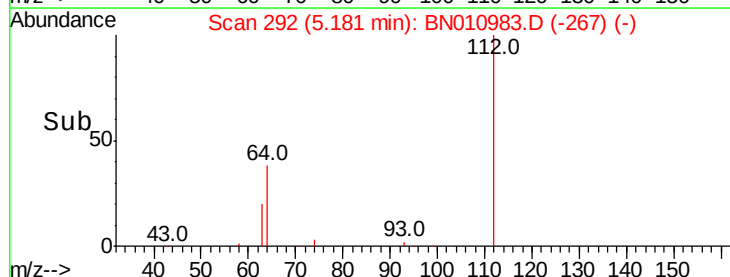
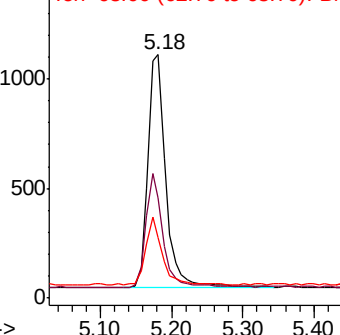
112 100

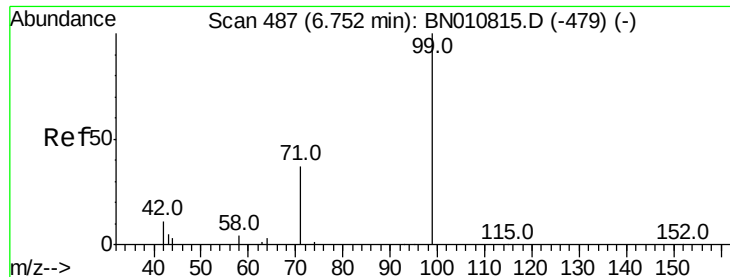
64 46.3 37.4 56.0

63 25.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.487 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

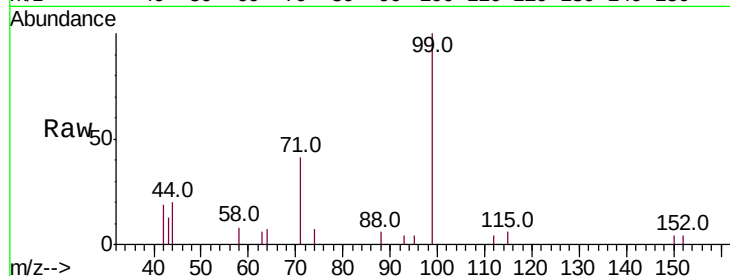
Tot Ion: 99 Resp: 2377

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

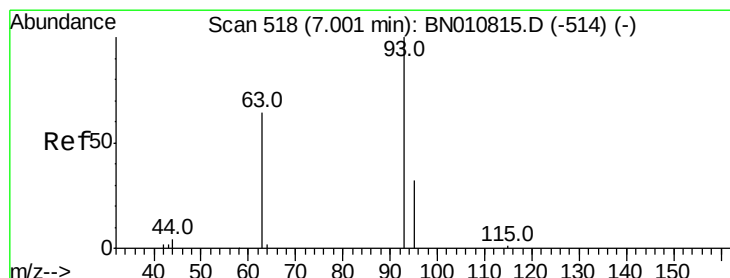
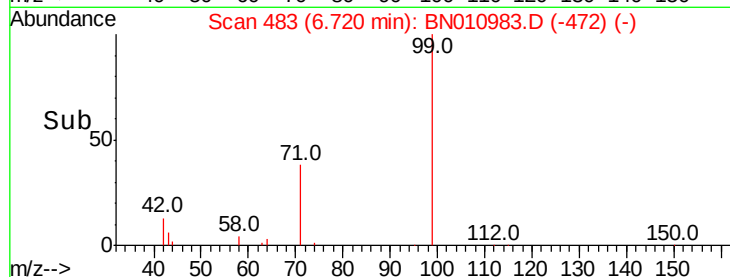
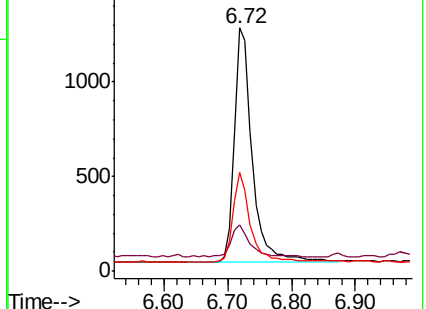
71 36.1 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010983.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN010983.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN010983.D (-472) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.510 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

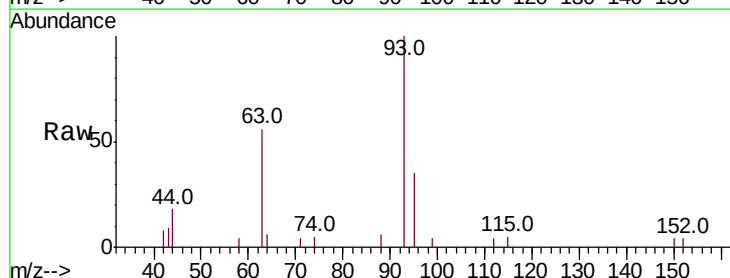
Tgt Ion: 93 Resp: 2428

Ion Ratio Lower Upper

93 100

63 55.6 49.4 74.2

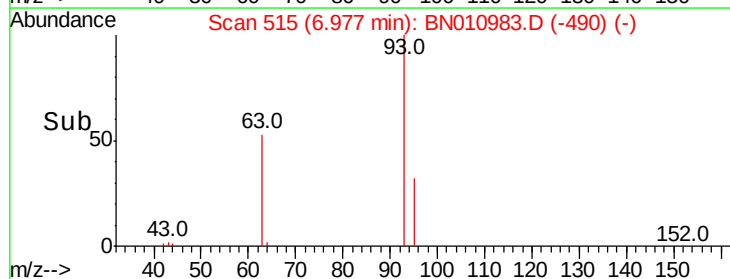
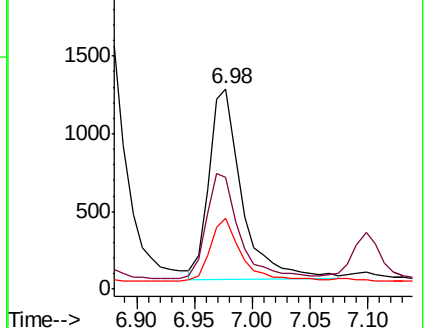
95 31.3 26.7 40.1

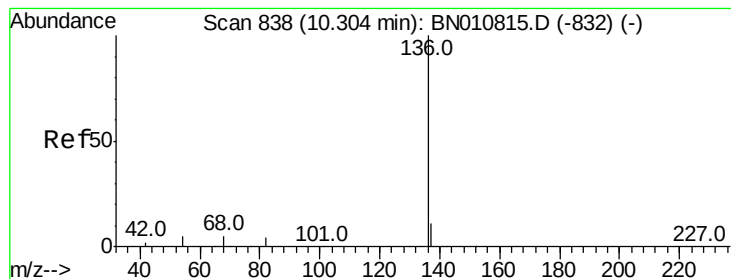


Abundance Ion 93.00 (92.70 to 93.70): BN010983.D (-490) (-)

Ion 63.00 (62.70 to 63.70): BN010983.D (-490) (-)

Ion 95.00 (94.70 to 95.70): BN010983.D (-490) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7298

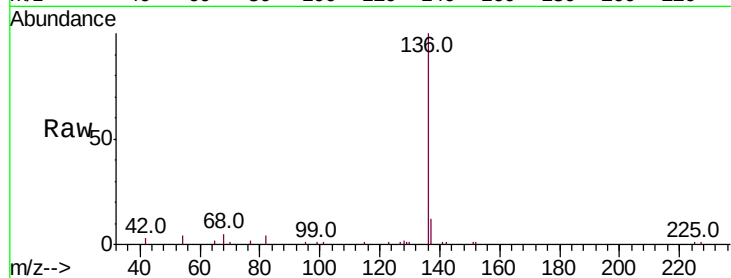
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 4.4 4.9 7.3#

68 5.3 4.7 7.1

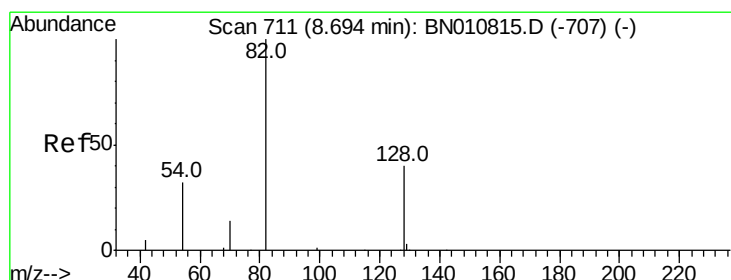
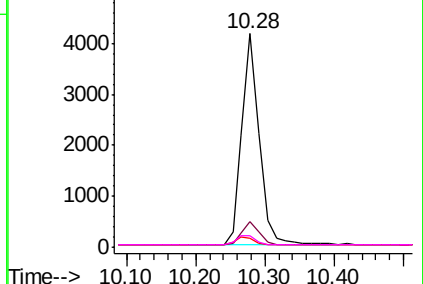
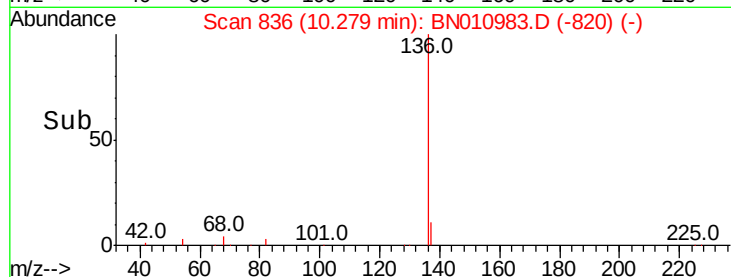


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.418 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

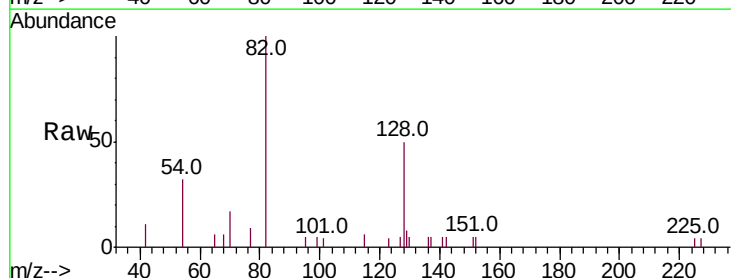
Tgt Ion: 82 Resp: 2260

Ion Ratio Lower Upper

82 100

128 50.3 35.4 53.0

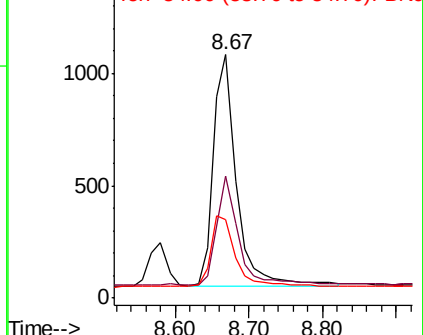
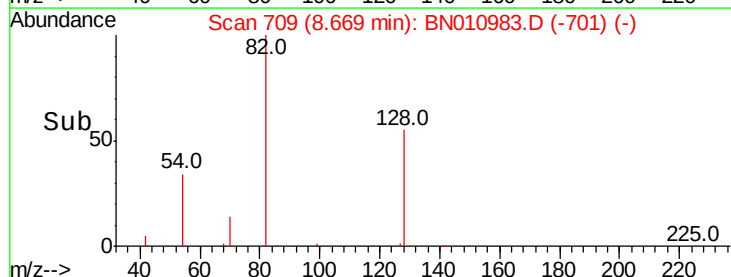
54 32.1 28.2 42.4

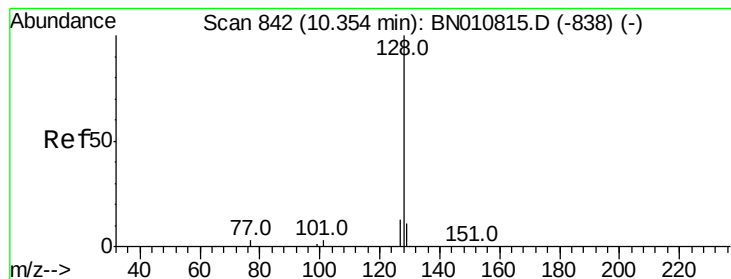


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.415 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

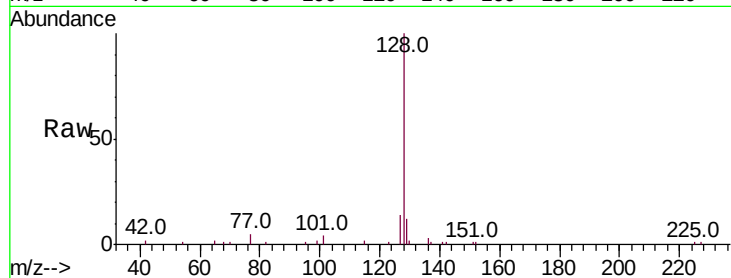
Tot Ion:128 Resp: 7615

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

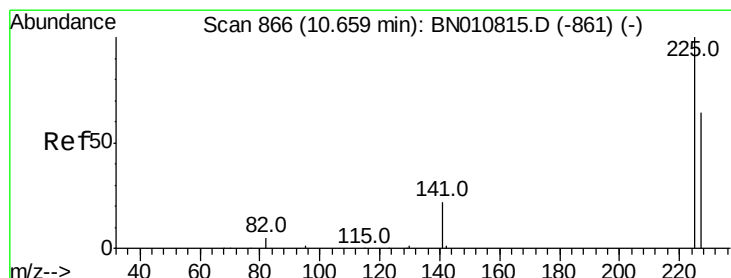
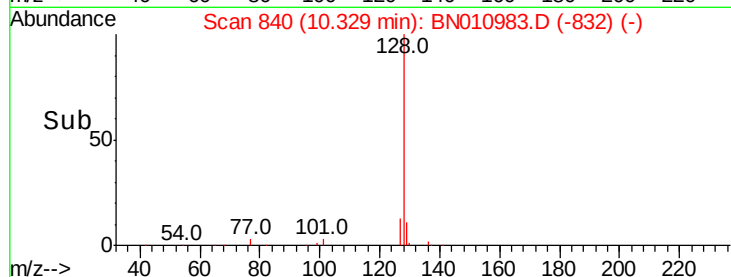
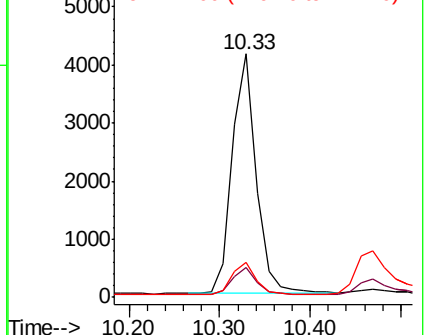
127 14.2 11.4 17.2



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: 0.402 ng

RT: 10.62 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

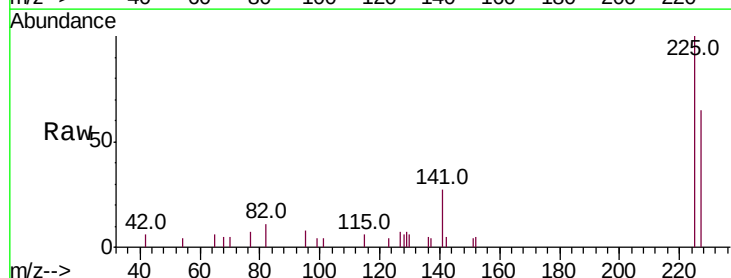
Tgt Ion:225 Resp: 1823

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

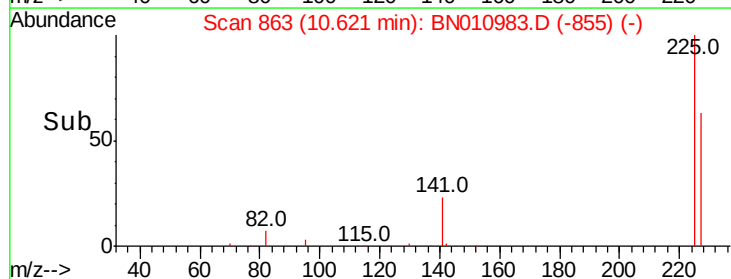
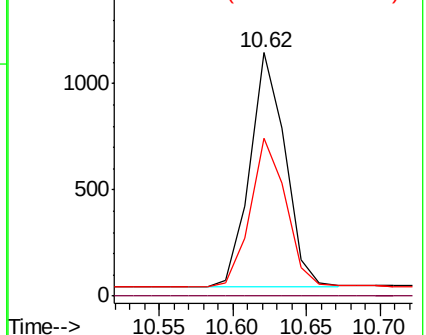
227 64.0 50.5 75.7

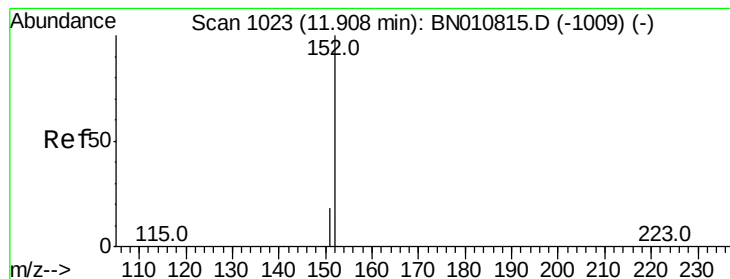


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 11.88 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

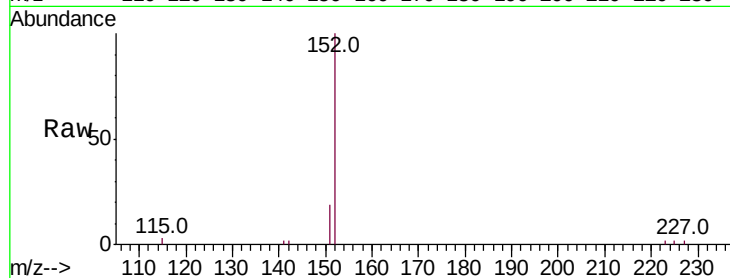
SSTDCCC0.4

Tot Ion:152 Resp: 4717

Ion Ratio Lower Upper

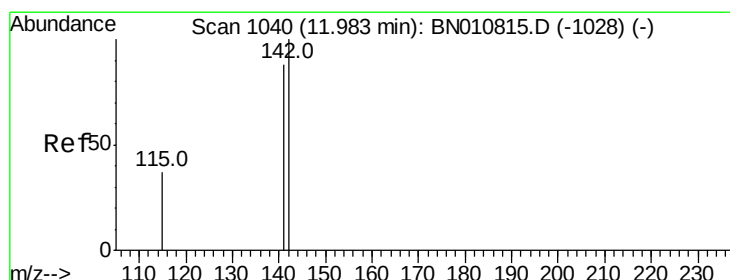
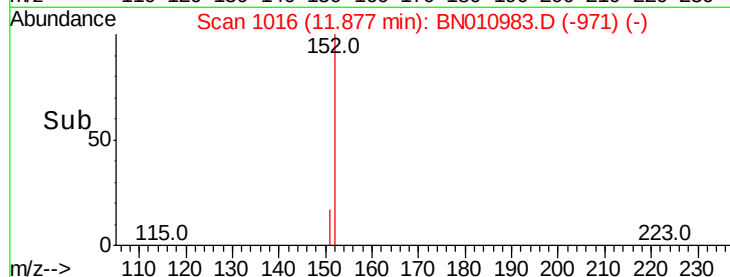
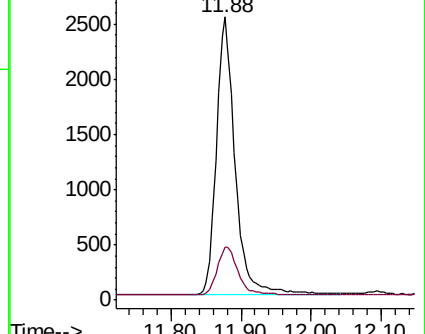
152 100

151 18.9 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: 0.415 ng

RT: 11.95 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

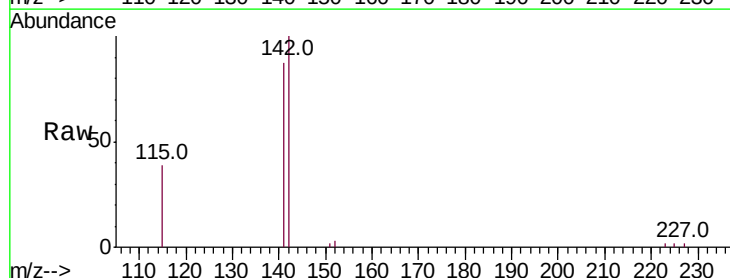
Tgt Ion:142 Resp: 5099

Ion Ratio Lower Upper

142 100

141 87.4 70.8 106.2

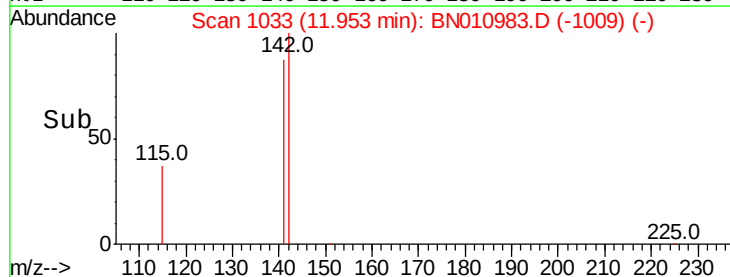
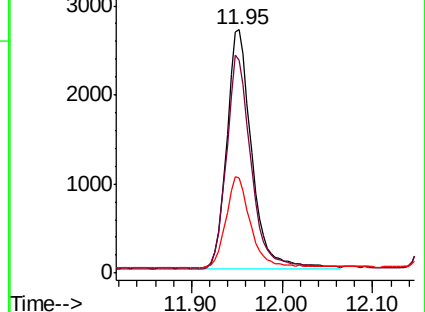
115 38.8 31.5 47.3

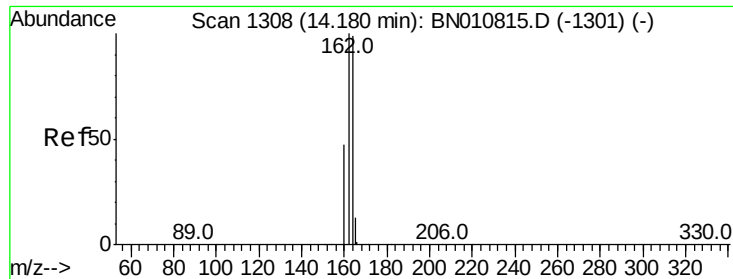


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

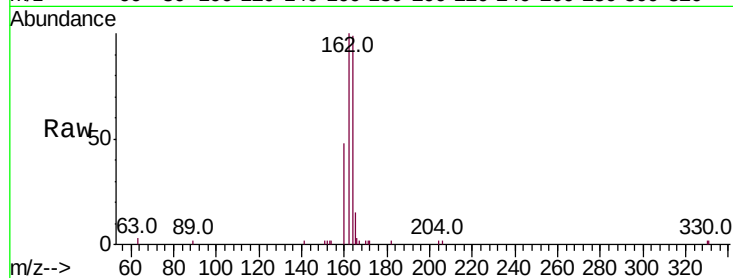
Tot Ion:164 Resp: 4102

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

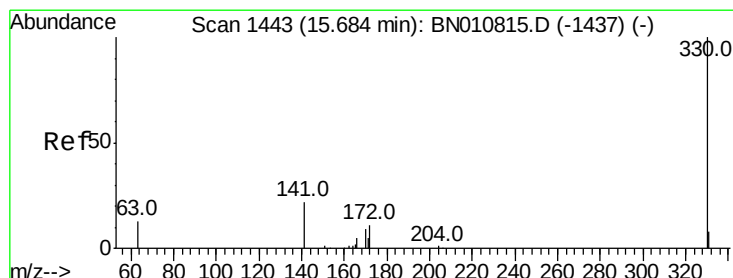
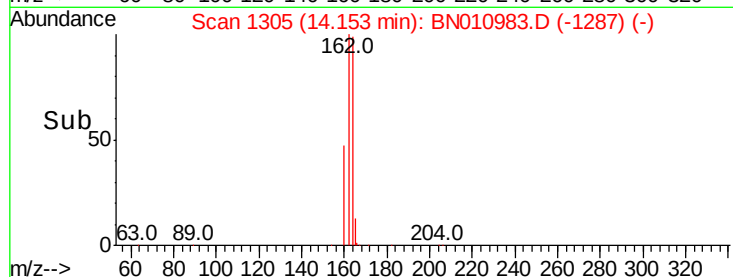
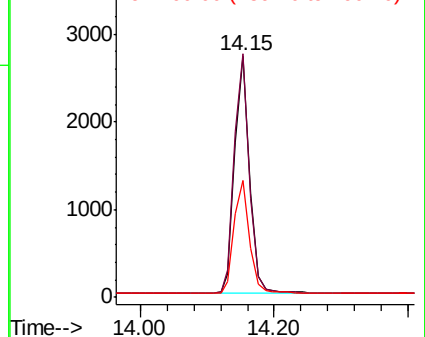
160 48.5 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.399 ng

RT: 15.66 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

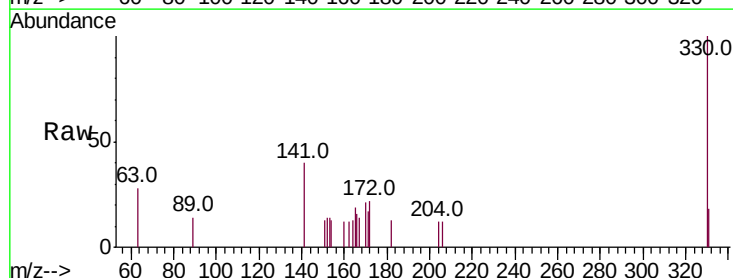
Tgt Ion:330 Resp: 585

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

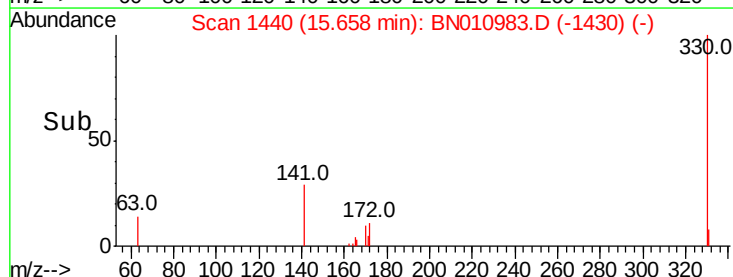
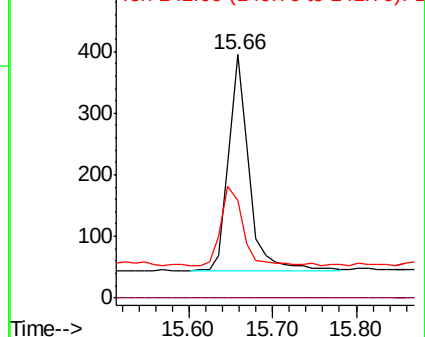
141 40.3 33.2 49.8

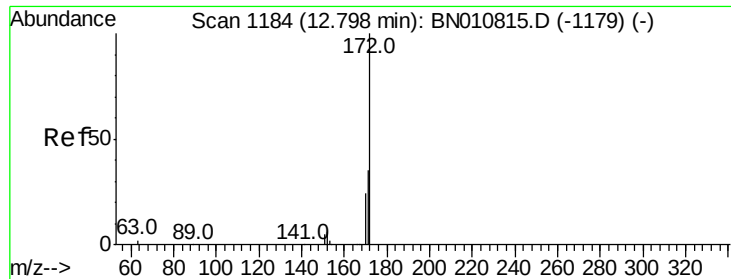


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

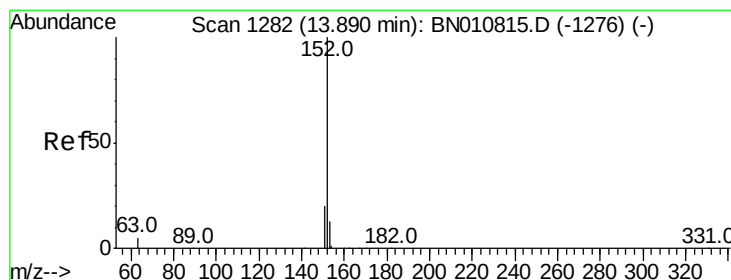
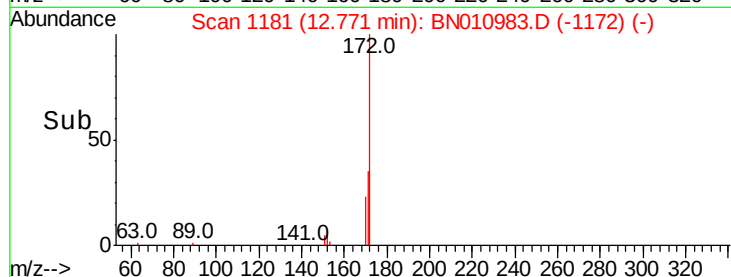
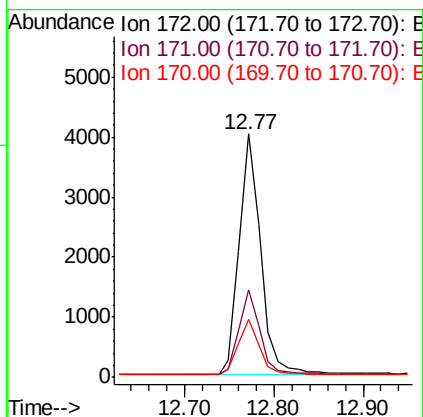
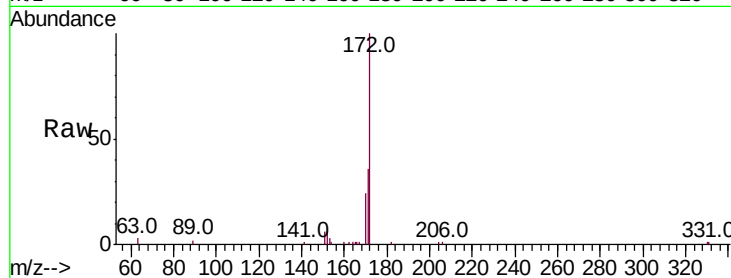




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.77 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BN010983.D
Acq: 20 Jun 2020 01:22

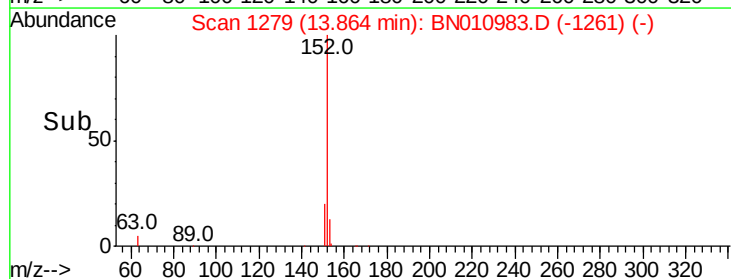
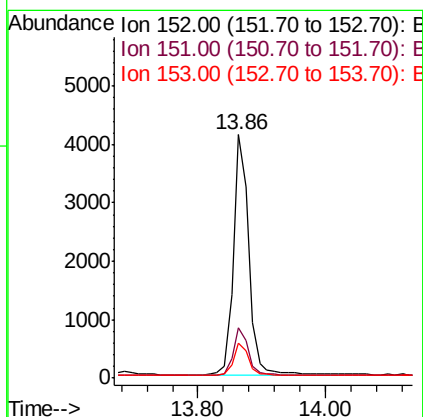
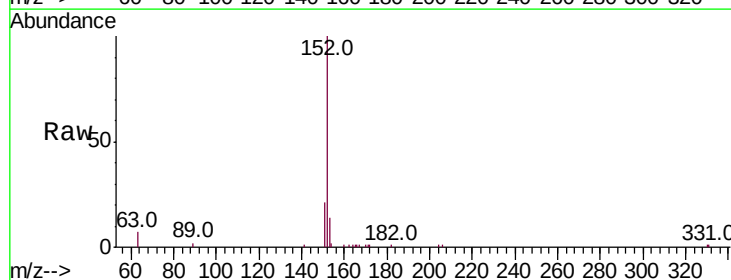
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

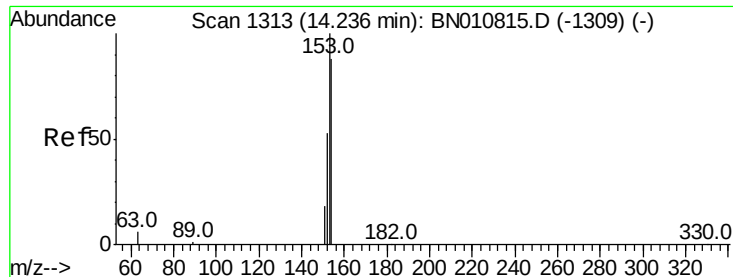
Tot Ion:172 Resp: 6758
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.8 19.7 29.5



#16
Acenaphthylene
Concen: 0.413 ng
RT: 13.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BN010983.D
Acq: 20 Jun 2020 01:22

Tgt Ion:152 Resp: 6942
Ion Ratio Lower Upper
152 100
151 19.2 15.6 23.4
153 13.4 10.6 16.0





#17

Acenaphthene

Concen: 0.456 ng

RT: 14.22 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

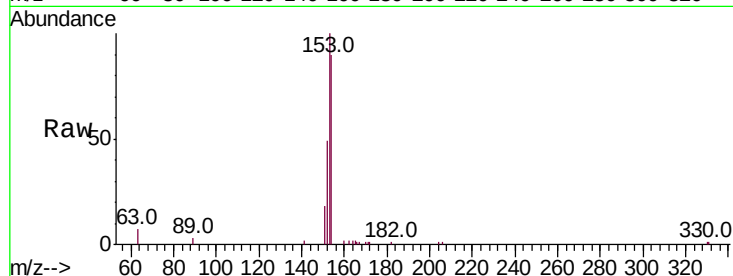
Tot Ion:154 Resp: 5226

Ion Ratio Lower Upper

154 100

153 113.6 91.8 137.6

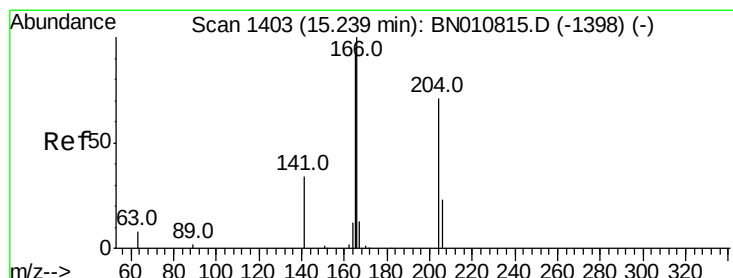
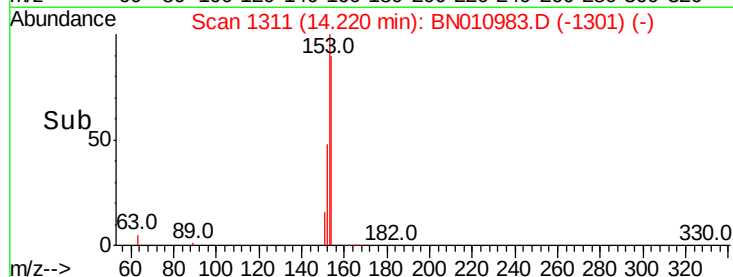
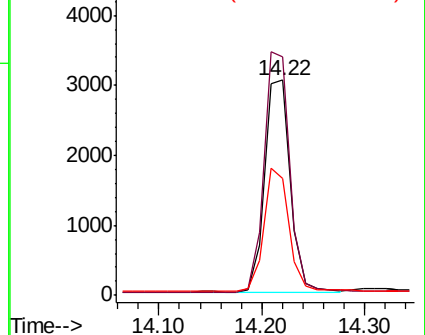
152 57.0 47.6 71.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.410 ng

RT: 15.21 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

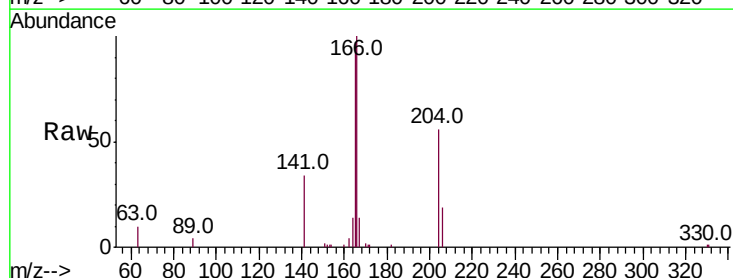
Tgt Ion:166 Resp: 6055

Ion Ratio Lower Upper

166 100

165 98.1 77.2 115.8

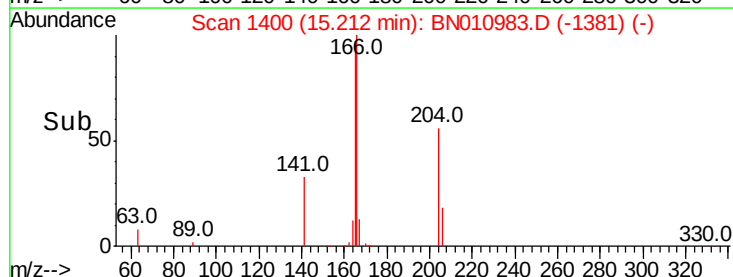
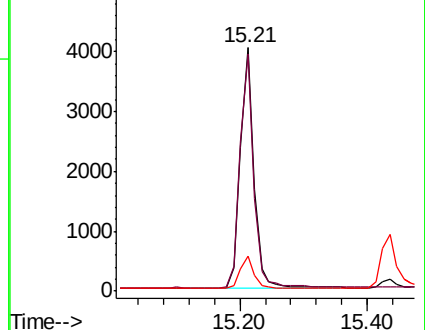
167 13.3 10.7 16.1

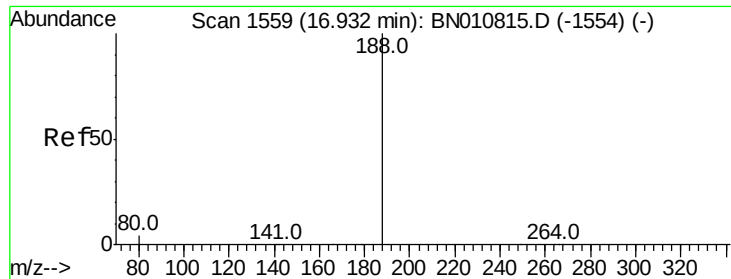


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

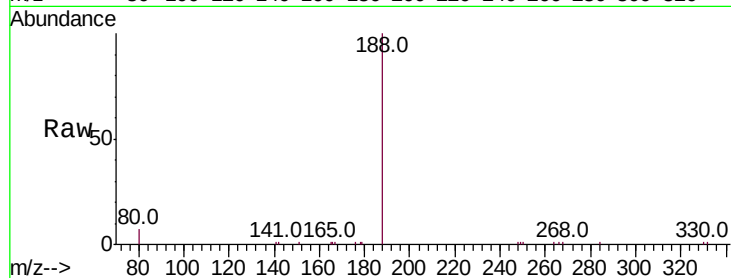
Tot Ion:188 Resp: 8843

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

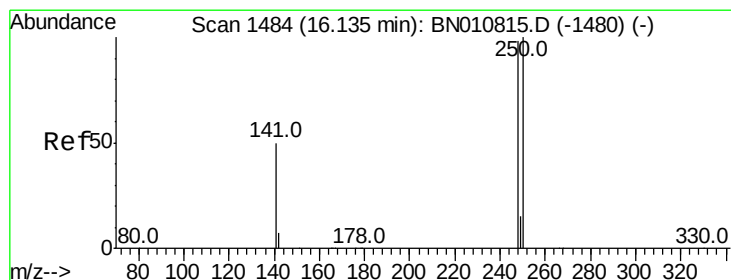
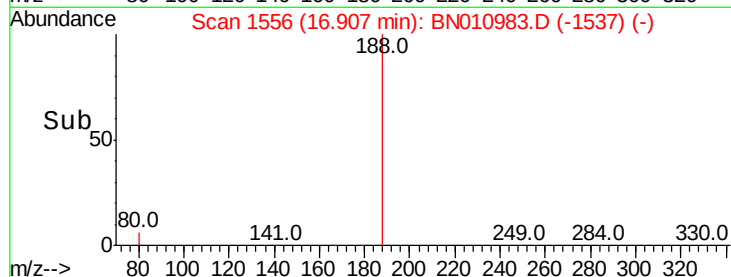
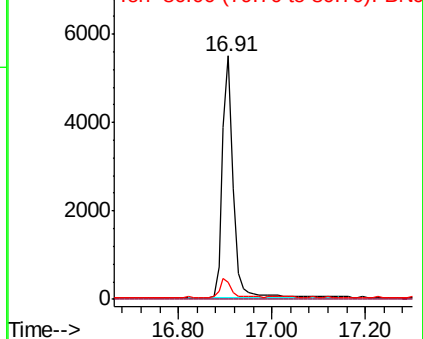
80 7.1 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.390 ng

RT: 16.11 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

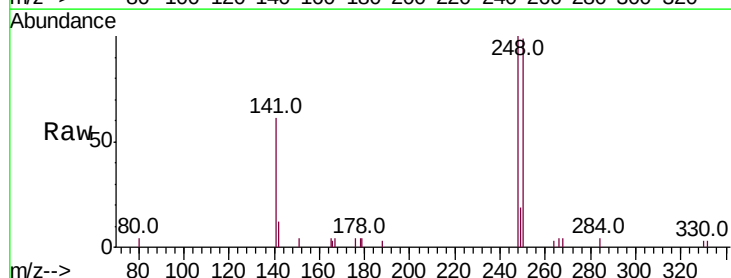
Tgt Ion:248 Resp: 2072

Ion Ratio Lower Upper

248 100

250 99.4 81.8 122.8

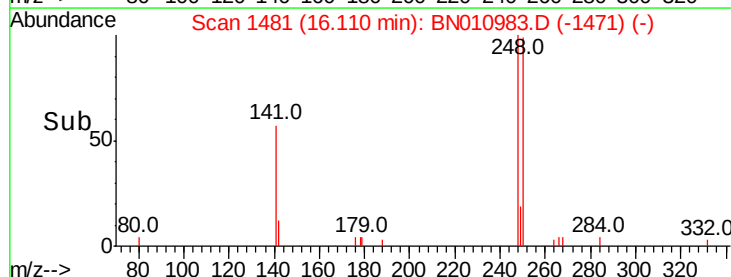
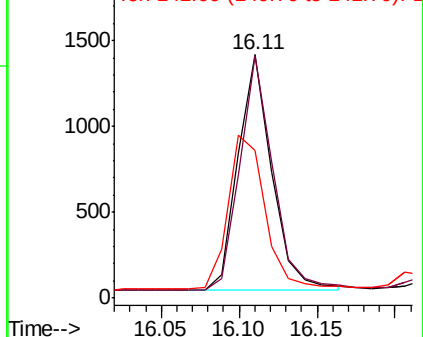
141 60.6 42.6 64.0

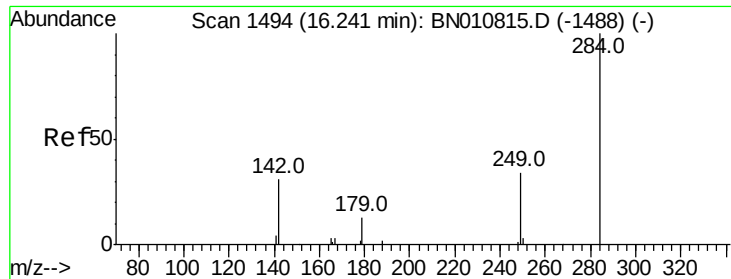


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

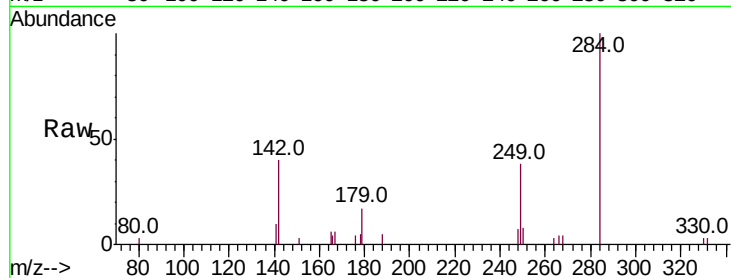




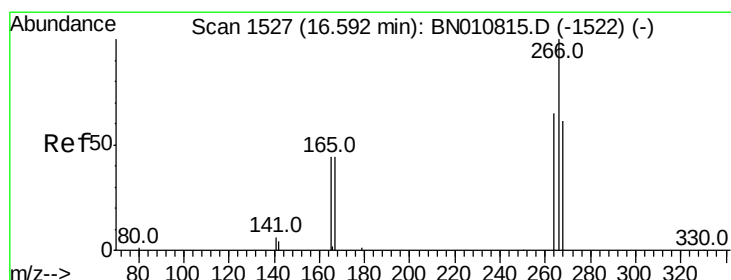
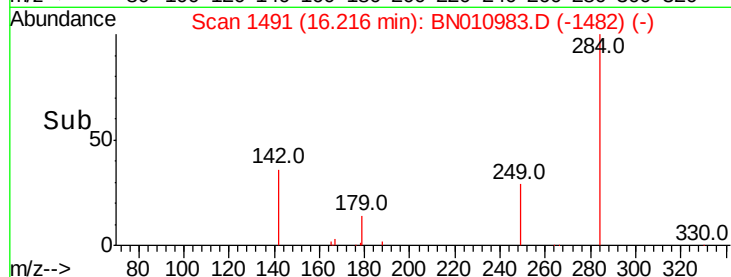
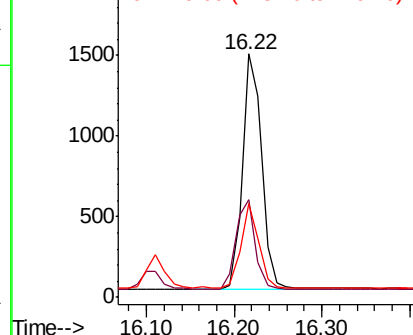
#21
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.22 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BN010983.D
Acq: 20 Jun 2020 01:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.3	31.0	46.4
249	33.5	27.1	40.7

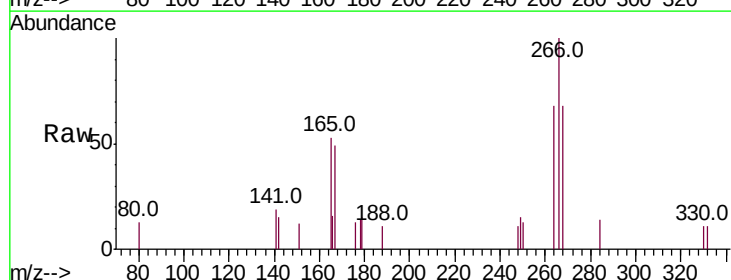


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

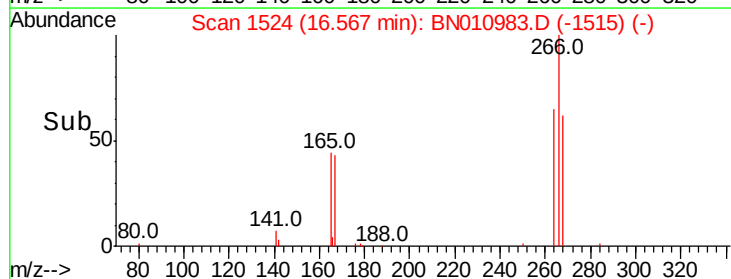
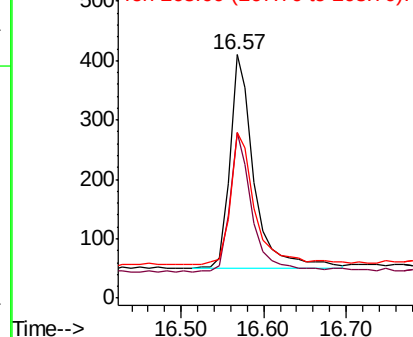


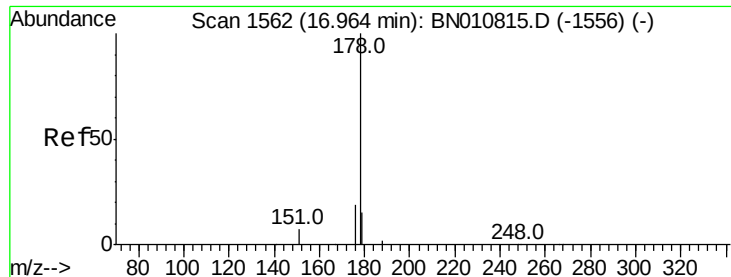
#22
Pentachlorophenol
Concen: 0.393 ng
RT: 16.57 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BN010983.D
Acq: 20 Jun 2020 01:22

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.0	54.8	82.2
268	68.0	55.9	83.9



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: 0.410 ng

RT: 16.95 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

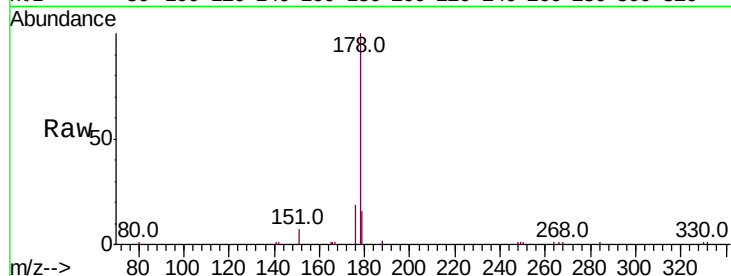
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:178 Resp: 9897

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.6	12.6	19.0

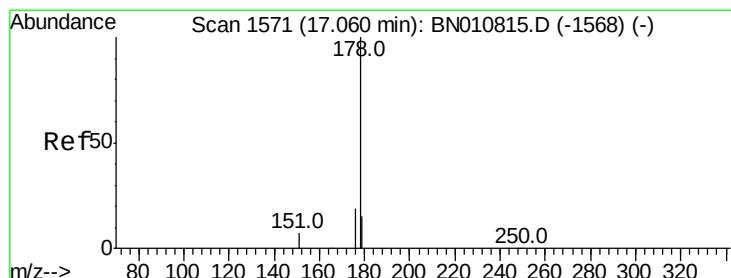
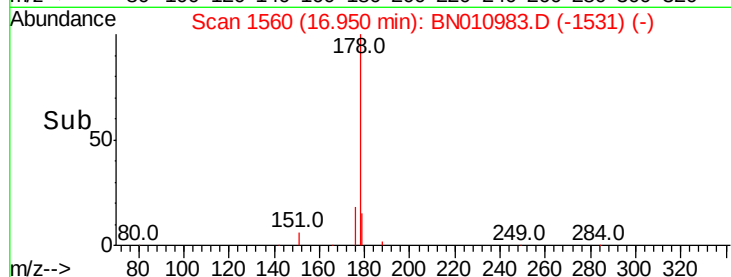
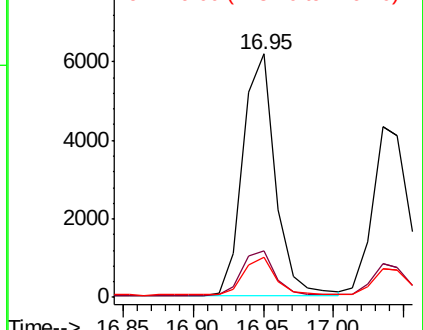


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.407 ng

RT: 17.03 min Scan# 1568

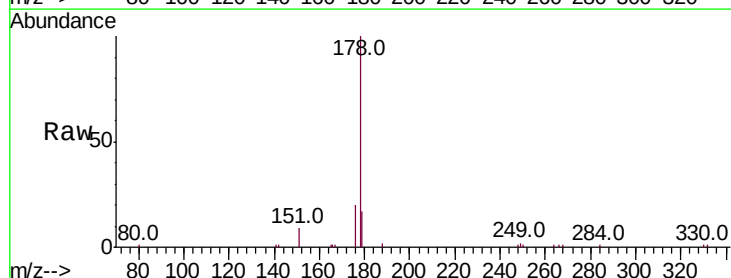
Delta R.T. -0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Tgt Ion:178 Resp: 8208

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.2	12.3	18.5

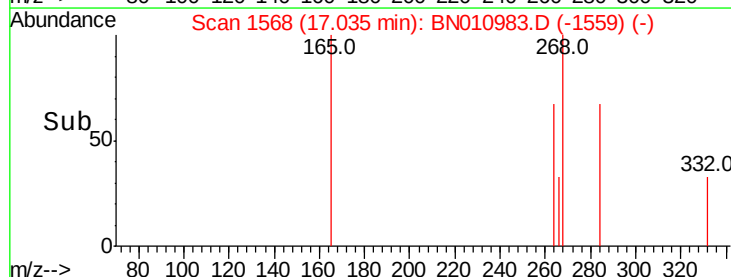
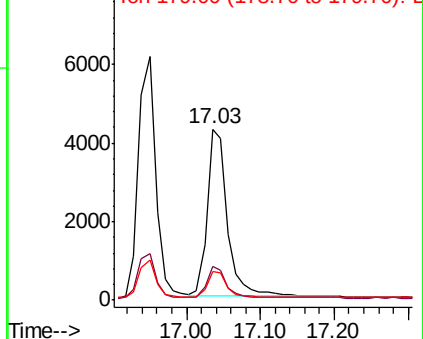


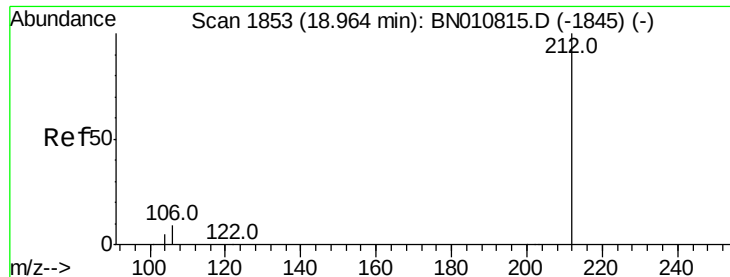
Abundance

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: 0.410 ng

RT: 18.95 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

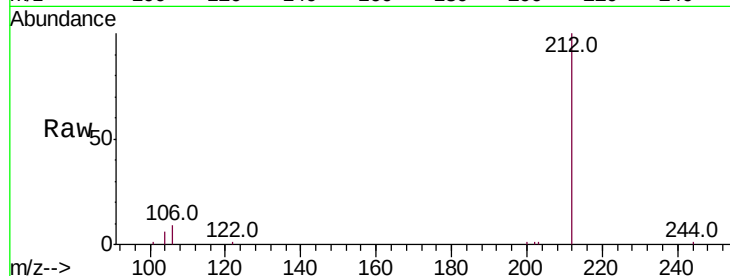
Tot Ion:212 Resp: 9998

Ion Ratio Lower Upper

212 100

106 9.1 6.6 10.0

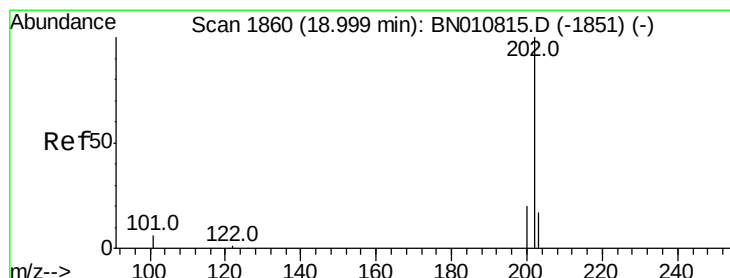
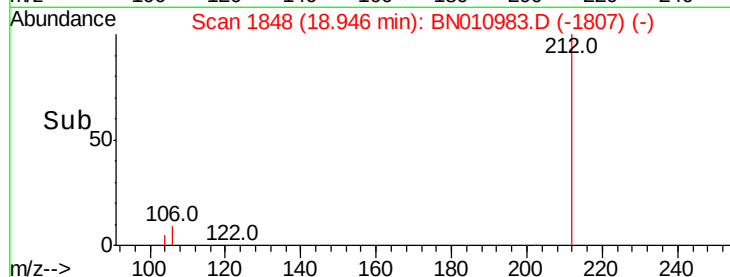
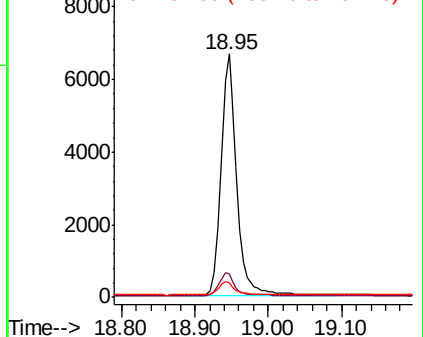
104 5.3 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.406 ng

RT: 18.98 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

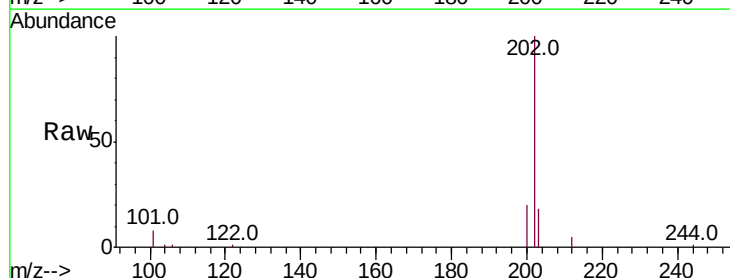
Tgt Ion:202 Resp: 11144

Ion Ratio Lower Upper

202 100

101 8.1 5.8 8.6

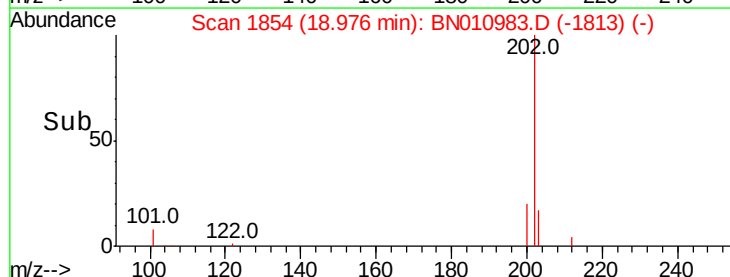
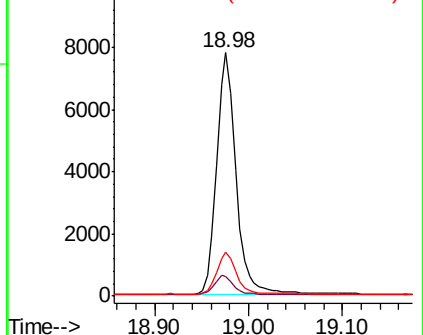
203 17.1 13.7 20.5

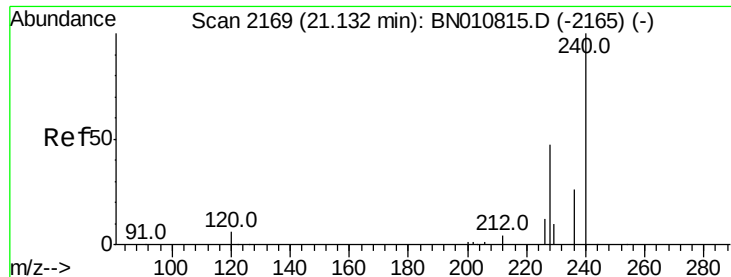


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

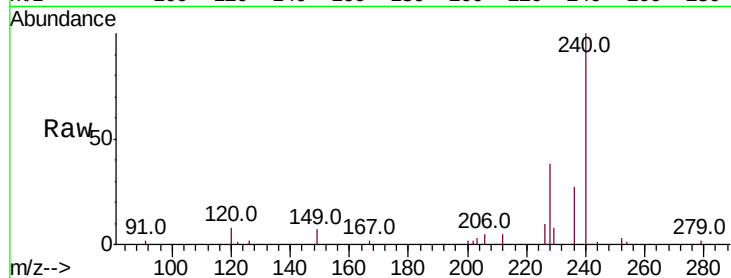
Tot Ion:240 Resp: 8725

Ion Ratio Lower Upper

240 100

120 8.3 7.5 11.3

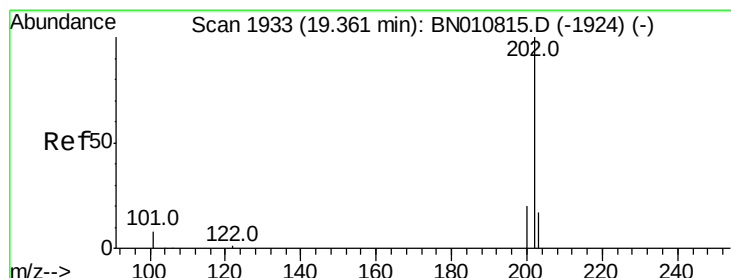
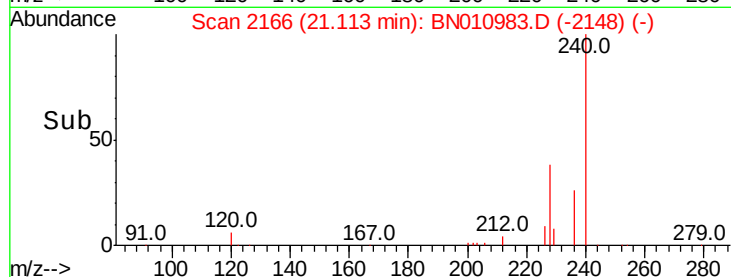
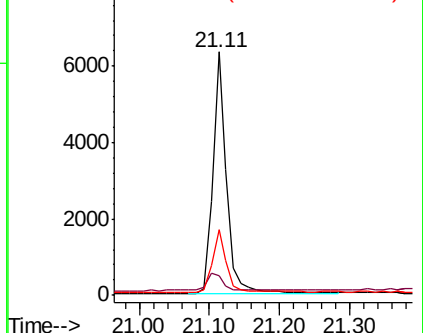
236 27.2 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.390 ng

RT: 19.34 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

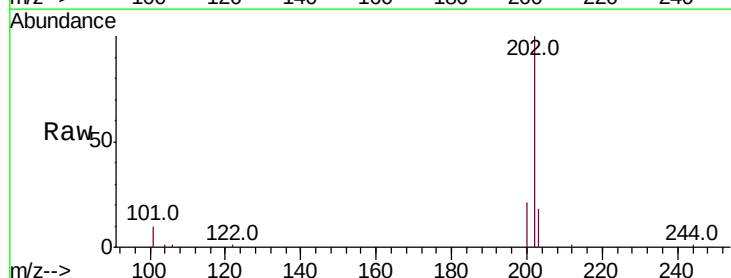
Tgt Ion:202 Resp: 11249

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

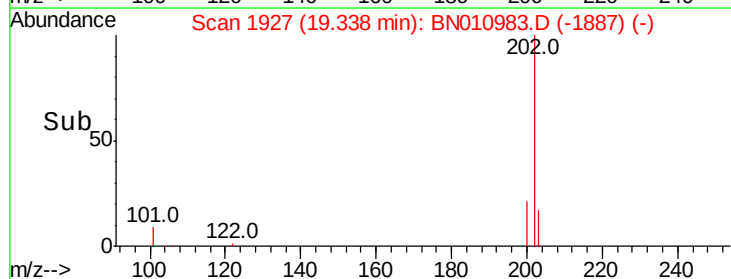
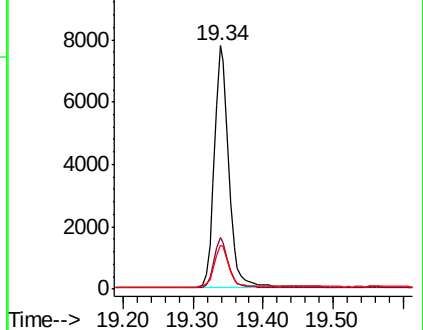
203 17.5 14.2 21.4

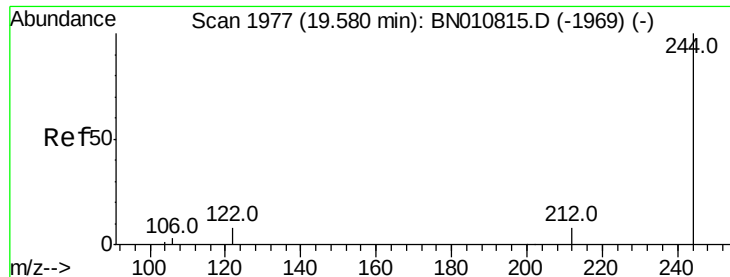


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.56 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

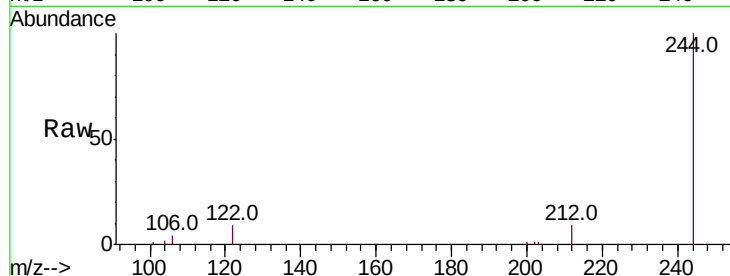
Tot Ion:244 Resp: 7980

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

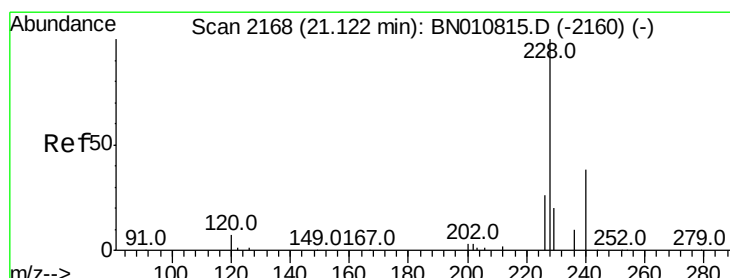
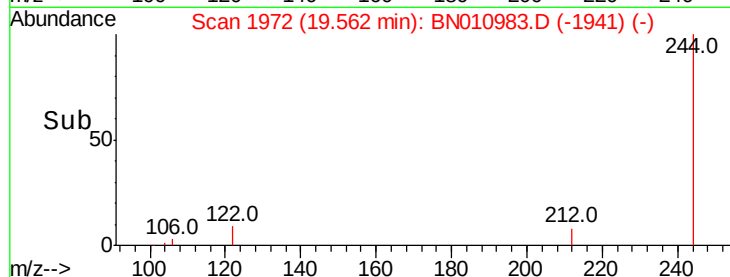
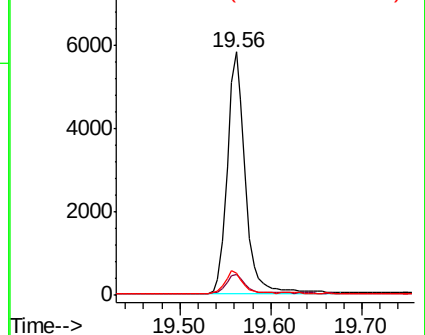
122 9.4 7.5 11.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.399 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

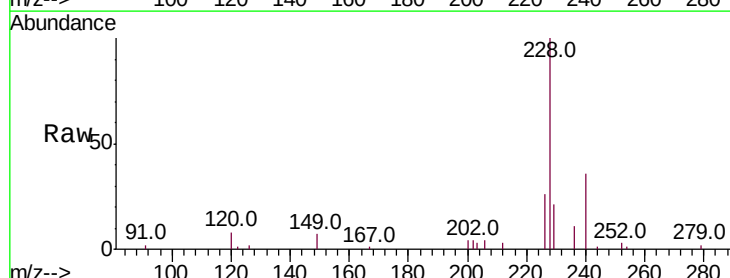
Tgt Ion:228 Resp: 10232

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

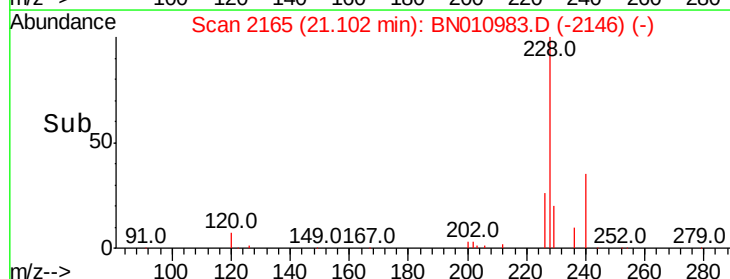
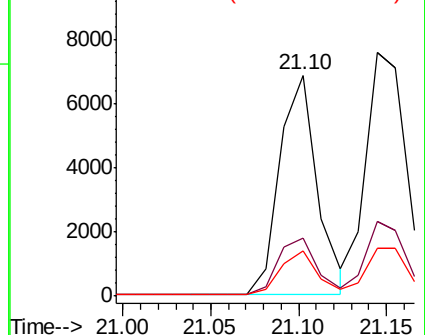
229 20.6 16.6 24.8

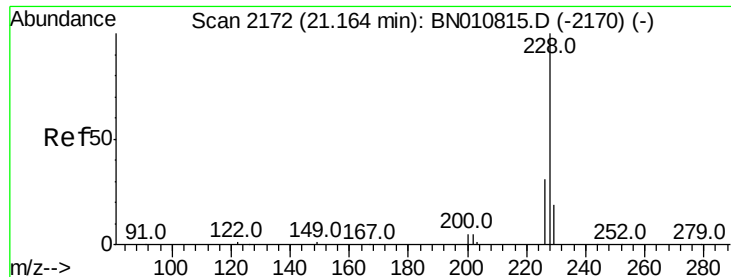


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.417 ng

RT: 21.14 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

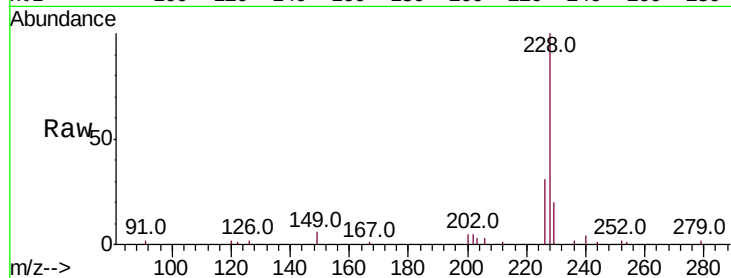
Tot Ion:228 Resp: 12451

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

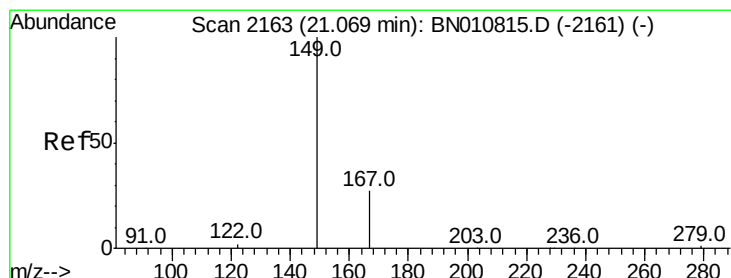
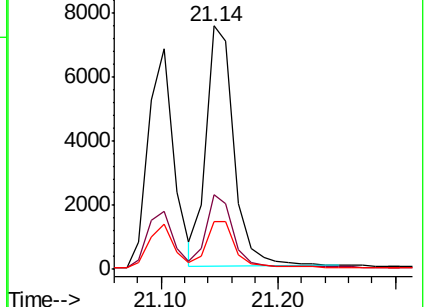
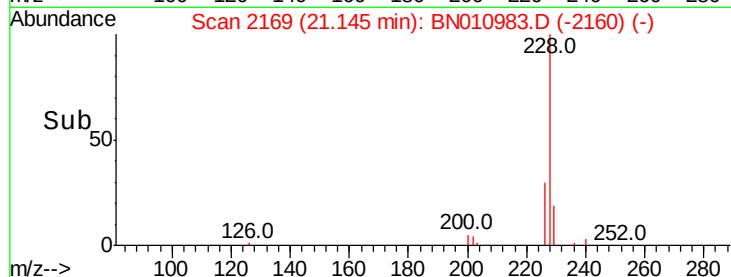
229 19.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.447 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

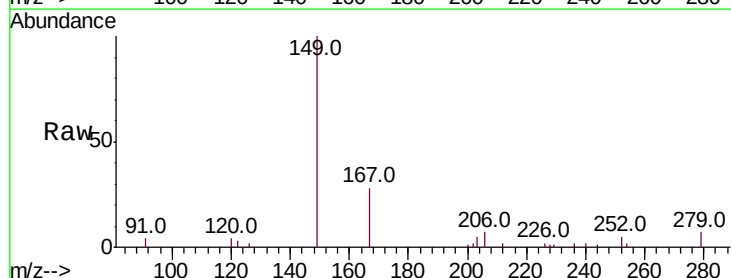
Tgt Ion:149 Resp: 3824

Ion Ratio Lower Upper

149 100

167 27.9 24.1 36.1

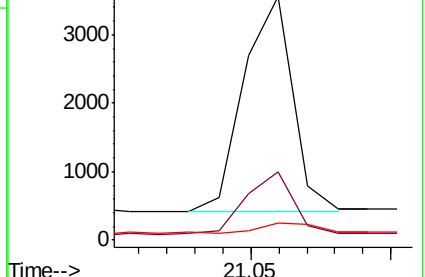
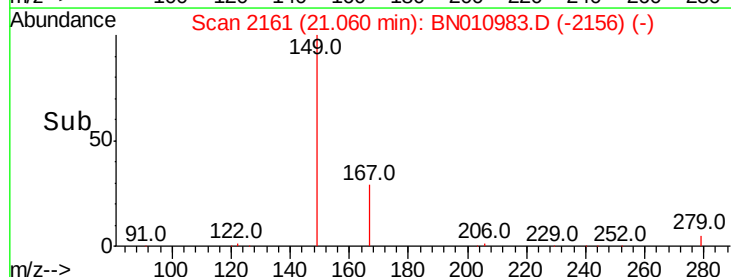
279 5.3 4.6 7.0

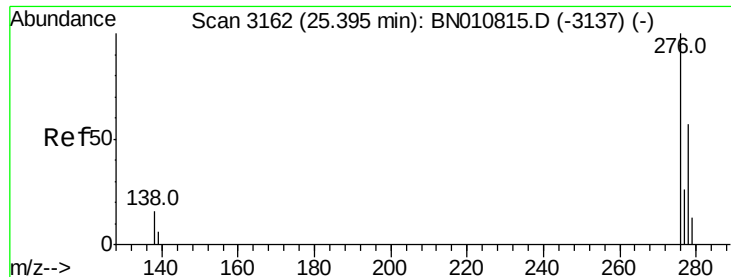


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.451 ng

RT: 25.36 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

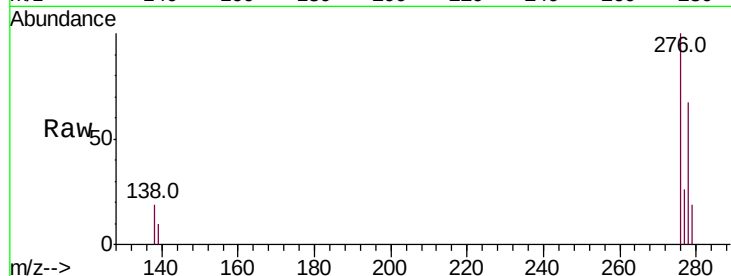
Tot Ion:276 Resp: 15053

Ion Ratio Lower Upper

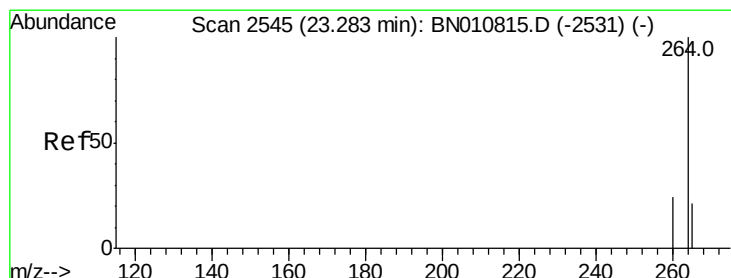
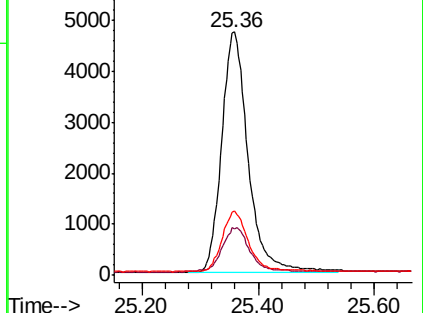
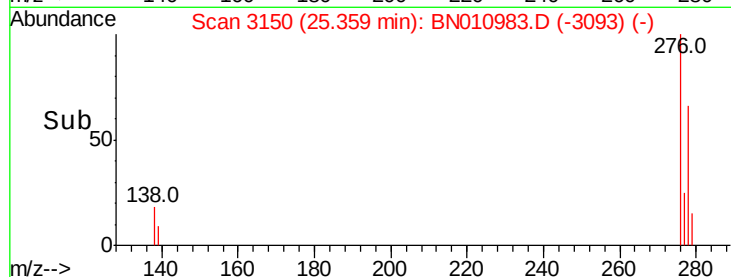
276 100

138 18.9 13.0 19.6

277 24.8 19.7 29.5



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: 23.26 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

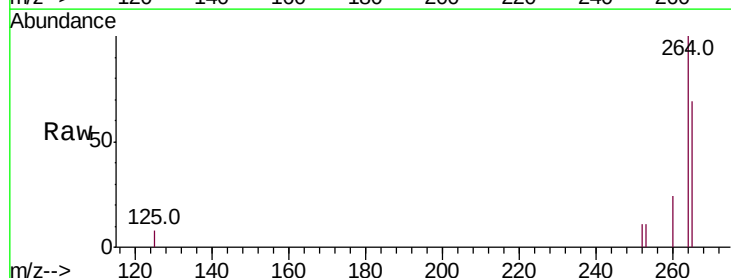
Tgt Ion:264 Resp: 10191

Ion Ratio Lower Upper

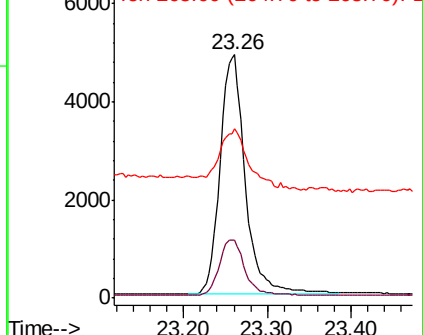
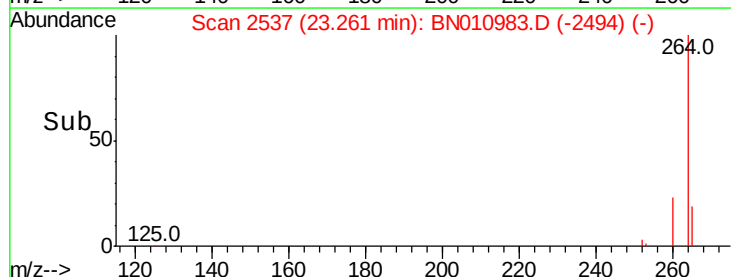
264 100

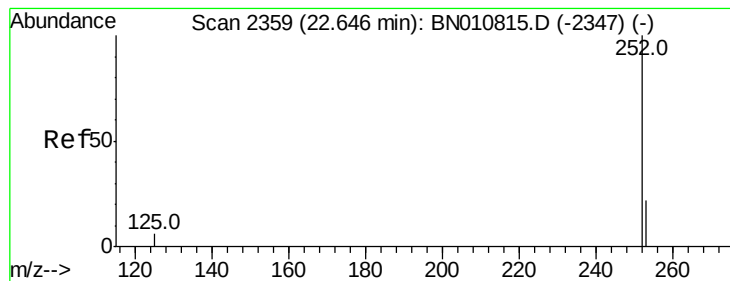
260 23.9 20.4 30.6

265 69.5 75.0 112.4#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.401 ng

RT: 22.62 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

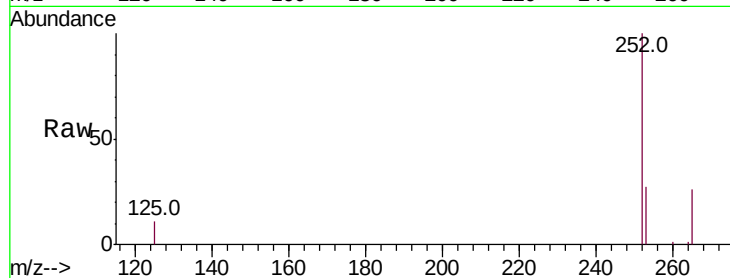
Tot Ion:252 Resp: 13886

Ion Ratio Lower Upper

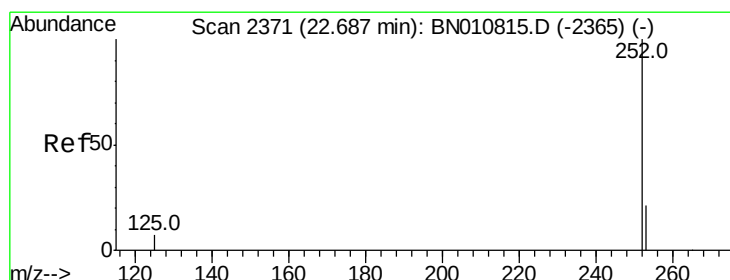
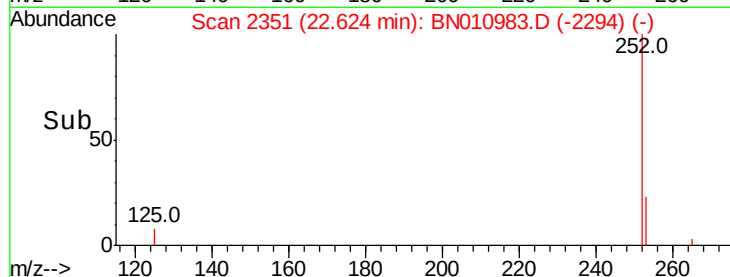
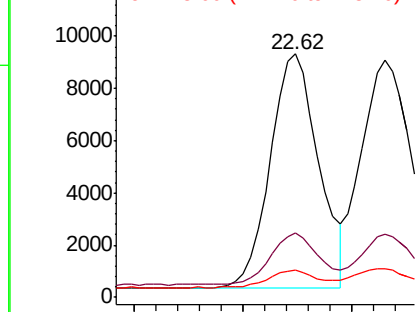
252 100

253 26.6 22.4 33.6

125 11.0 9.4 14.0



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: 0.392 ng

RT: 22.67 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

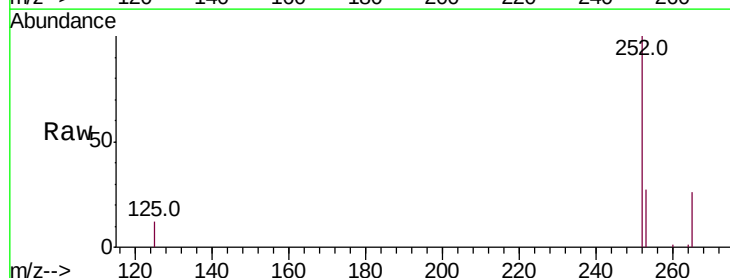
Tgt Ion:252 Resp: 14476

Ion Ratio Lower Upper

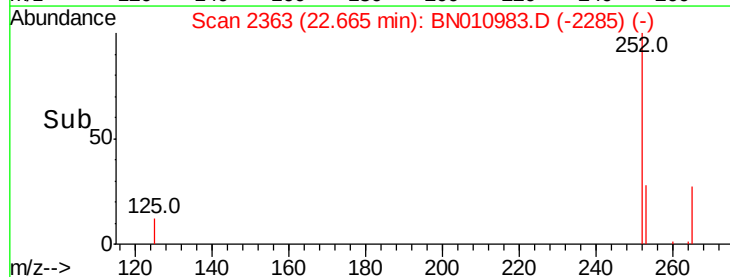
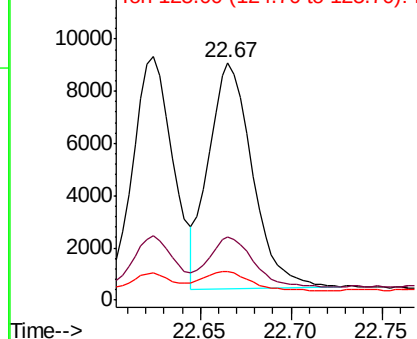
252 100

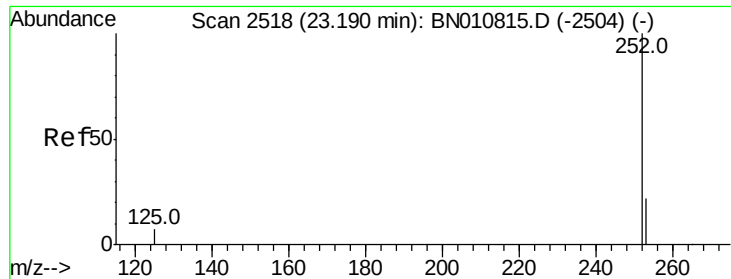
253 26.6 22.2 33.4

125 11.9 9.8 14.8



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: 0.401 ng

RT: 23.17 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

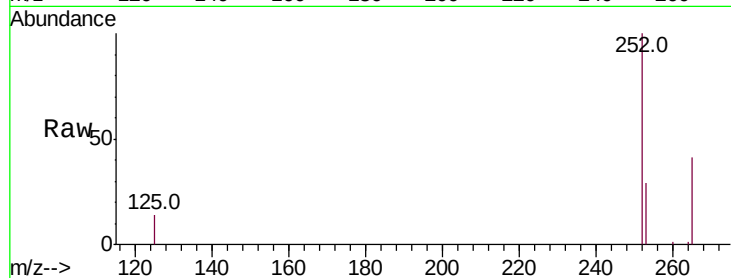
Tot Ion:252 Resp: 11921

Ion Ratio Lower Upper

252 100

253 29.4 25.8 38.8

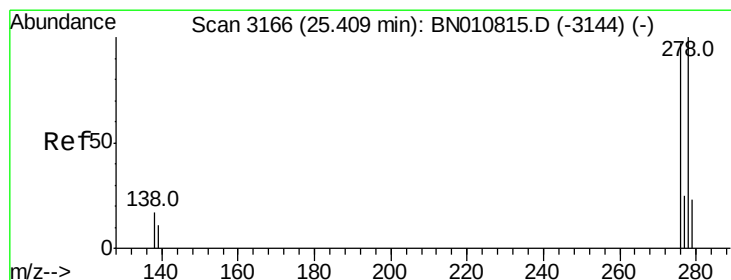
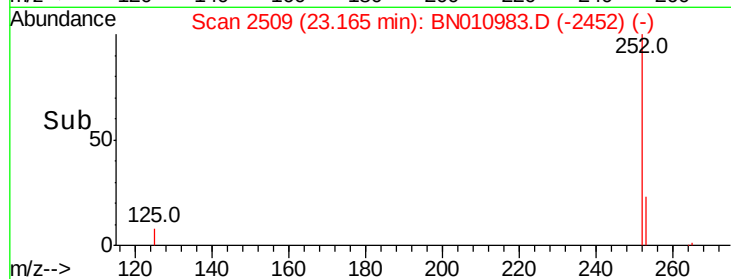
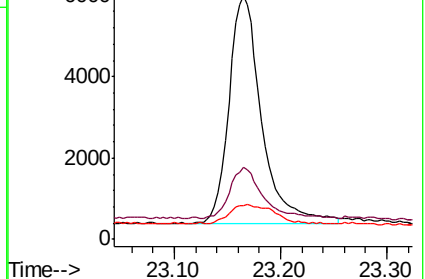
125 14.1 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.364 ng

RT: 25.37 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

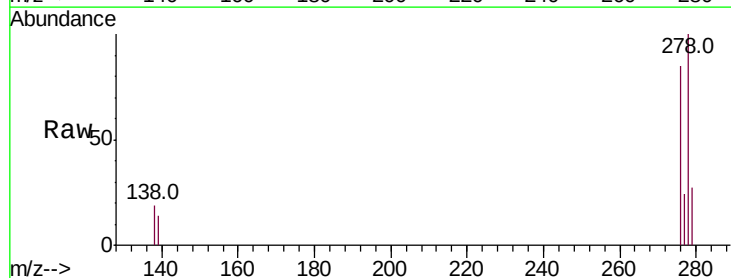
Tgt Ion:278 Resp: 12321

Ion Ratio Lower Upper

278 100

139 13.8 10.6 15.8

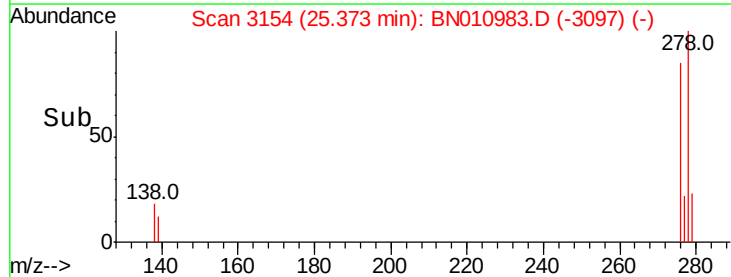
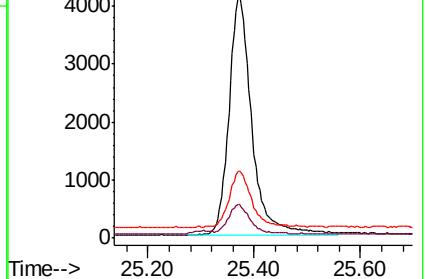
279 27.4 23.6 35.4

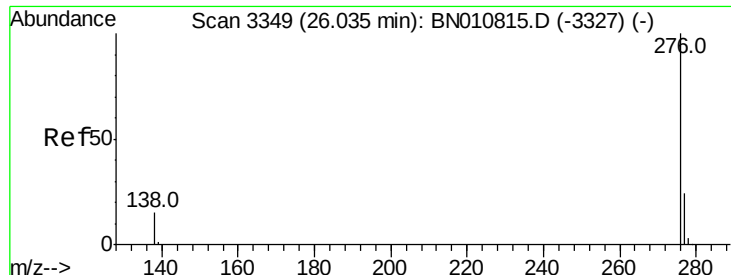


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.357 ng

RT: 25.99 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BN010983.D

Acq: 20 Jun 2020 01:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

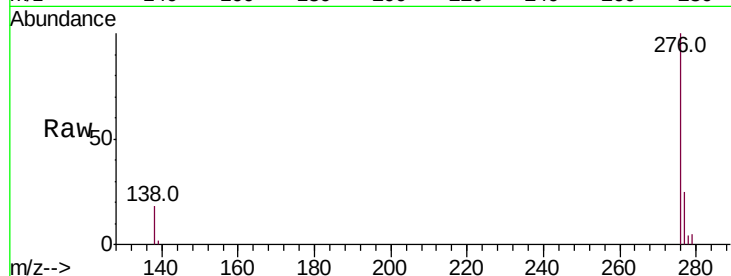
Tot Ion:276 Resp: 12654

Ion Ratio Lower Upper

276 100

277 25.2 20.5 30.7

138 18.2 13.7 20.5



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

