

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010981.D
 Acq On : 19 Jun 2020 21:46
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 20 06:17:19 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	7.53	152	2090	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7248	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4050	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8337	0.40	ng	0.00
27) Chrysene-d12	21.11	240	7528	0.40	ng	-0.01
34) Perylene-d12	23.26	264	8034	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1890	0.47	ng	0.00
5) Phenol-d6	6.73	99	2167	0.46	ng	0.00
8) Nitrobenzene-d5	8.67	82	2320	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4564	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	598	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	6522	0.41	ng	0.00
25) Fluoranthene-d10	18.94	212	9312	0.40	ng	0.00
29) Terphenyl-d14	19.56	244	7278	0.41	ng	0.00

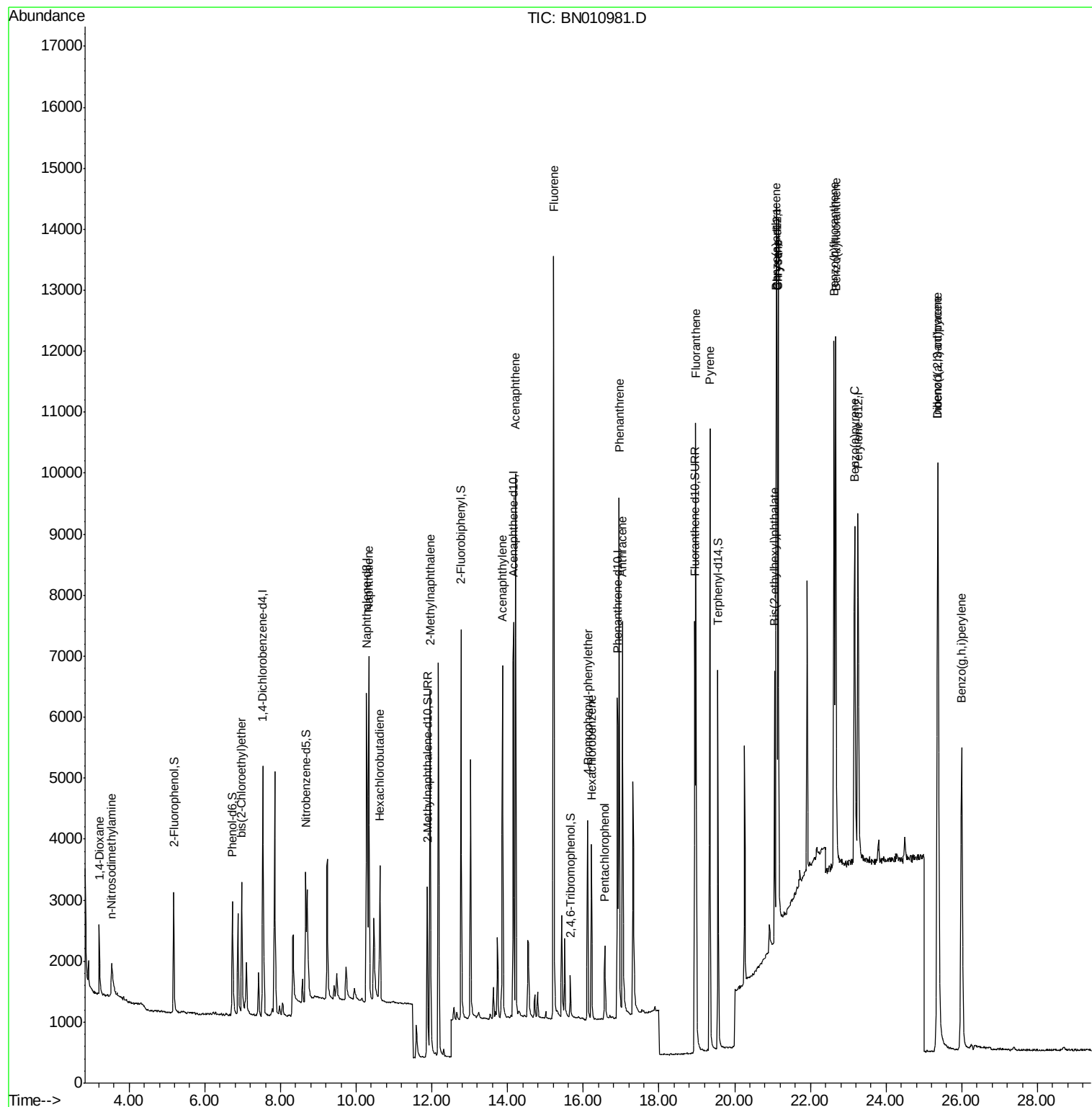
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	978	0.478	ng	97
3) n-Nitrosodimethylamine	3.54	42	602	0.506	ng	# 95
6) bis(2-Chloroethyl)ether	6.98	93	2194	0.473	ng	94
9) Naphthalene	10.33	128	7592	0.417	ng	99
10) Hexachlorobutadiene	10.62	225	1797	0.399	ng	# 98
12) 2-Methylnaphthalene	11.95	142	5018	0.412	ng	99
16) Acenaphthylene	13.87	152	6786	0.409	ng	99
17) Acenaphthene	14.21	154	4592	0.406	ng	99
18) Fluorene	15.22	166	6150	0.421	ng	99
20) 4-Bromophenyl-phenylether	16.11	248	1966	0.392	ng	98
21) Hexachlorobenzene	16.22	284	2043	0.391	ng	98
22) Pentachlorophenol	16.57	266	693	0.395	ng	97
23) Phenanthrene	16.94	178	9194	0.404	ng	100
24) Anthracene	17.04	178	7641	0.402	ng	100
26) Fluoranthene	18.97	202	10385	0.402	ng	99
28) Pyrene	19.34	202	10382	0.417	ng	100
30) Benzo(a)anthracene	21.10	228	8925	0.403	ng	100
31) Chrysene	21.15	228	10827	0.420	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	3548	0.481	ng	97
33) Indeno(1,2,3-cd)pyrene	25.36	276	12819	0.445	ng	# 97
35) Benzo(b)fluoranthene	22.63	252	10349	0.379	ng	99
36) Benzo(k)fluoranthene	22.67	252	11309	0.389	ng	99
37) Benzo(a)pyrene	23.17	252	9364	0.400	ng	98
38) Dibenzo(a,h)anthracene	25.37	278	10321	0.386	ng	98
39) Benzo(g,h,i)perylene	26.00	276	10771	0.386	ng	99

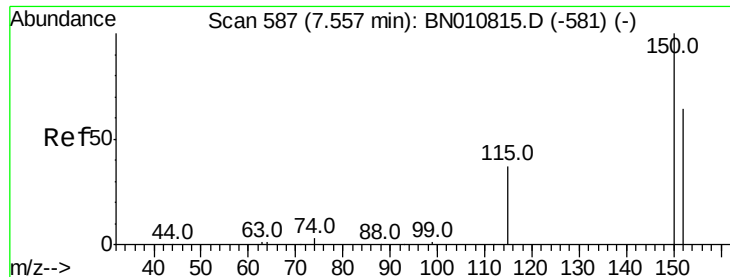
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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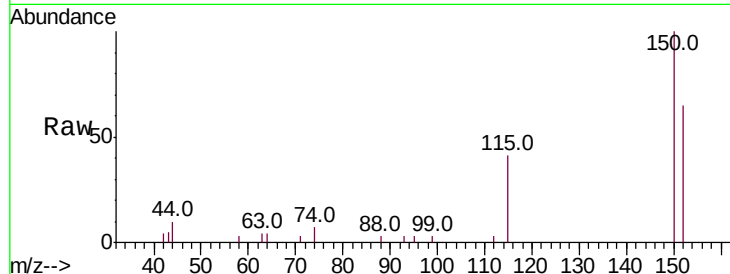


#1

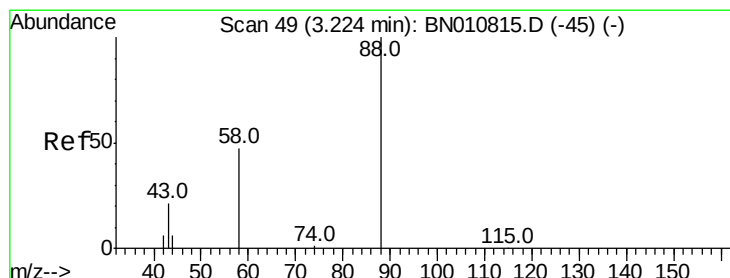
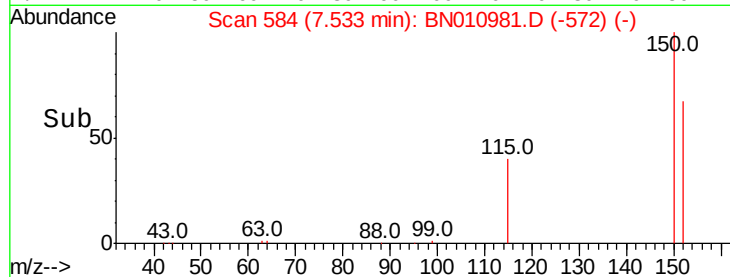
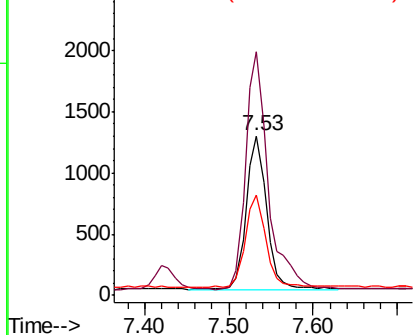
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010981.D
Acq: 19 Jun 2020 21:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2090
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 62.7 49.2 73.8



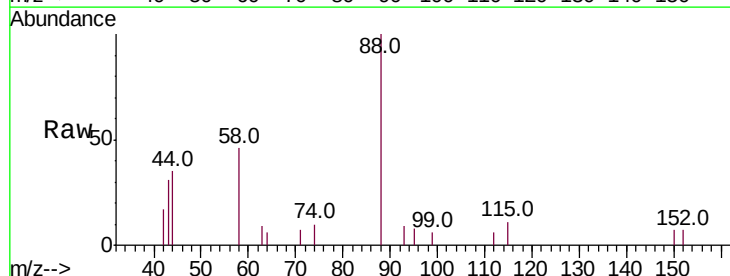
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



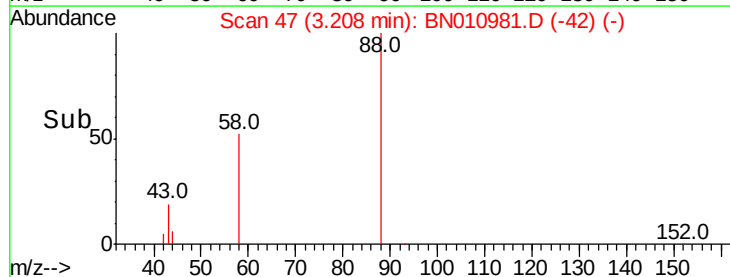
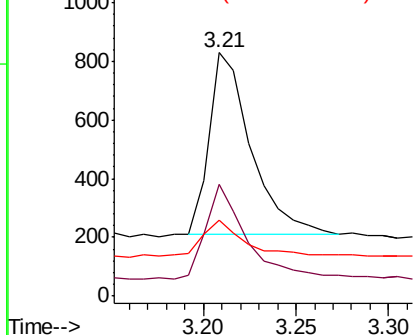
#2

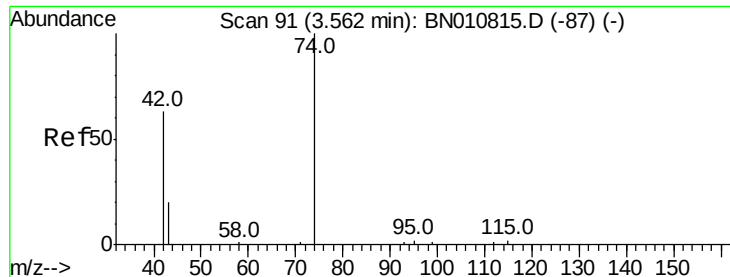
1,4-Dioxane
Concen: 0.478 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010981.D
Acq: 19 Jun 2020 21:46

Tgt Ion: 88 Resp: 978
Ion Ratio Lower Upper
88 100
58 50.3 38.2 57.4
43 17.7 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: 0.506 ng

RT: 3.54 min Scan# 88

Delta R.T. 0.02 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

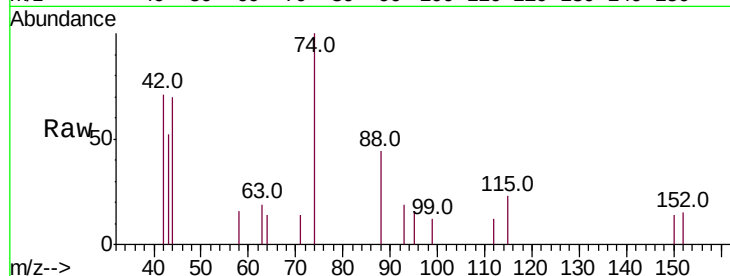
Tot Ion: 42 Resp: 602

Ion Ratio Lower Upper

42 100

74 169.1 140.7 211.1

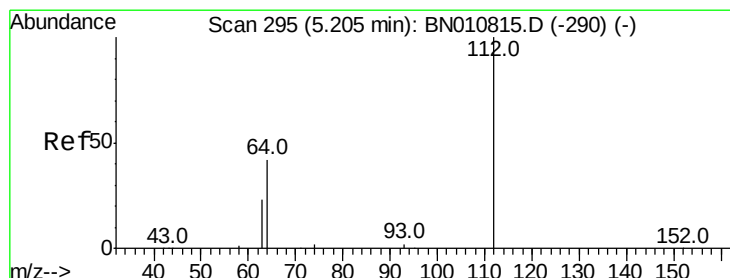
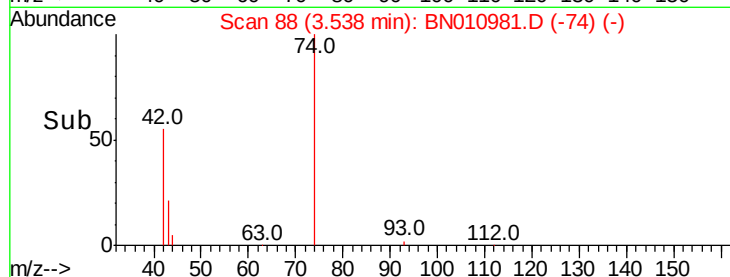
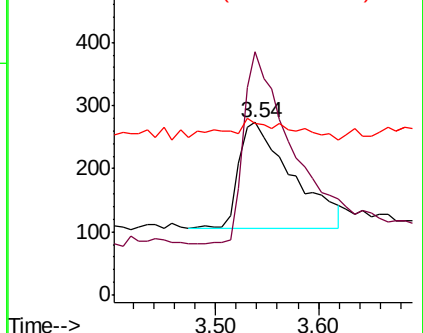
44 16.9 1.4 2.2#



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: 0.468 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

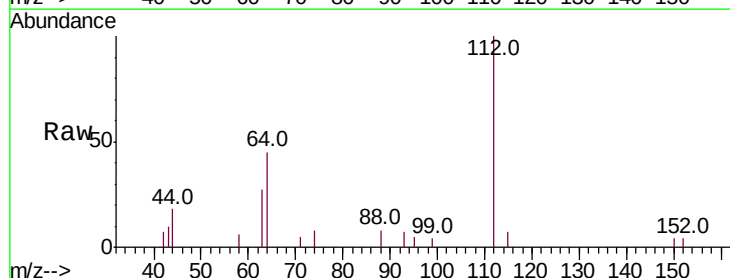
Tgt Ion: 112 Resp: 1890

Ion Ratio Lower Upper

112 100

64 45.9 37.4 56.0

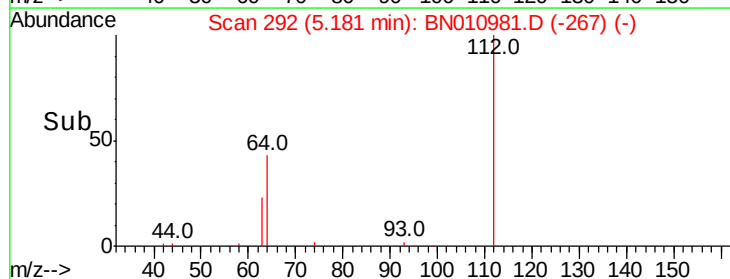
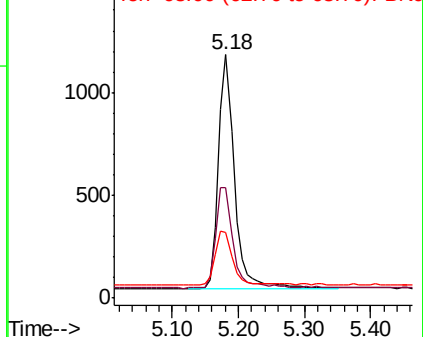
63 25.8 22.2 33.4

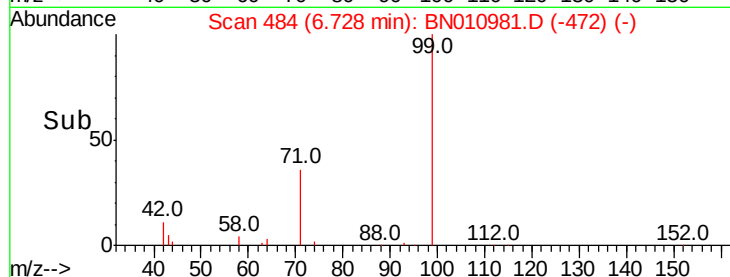
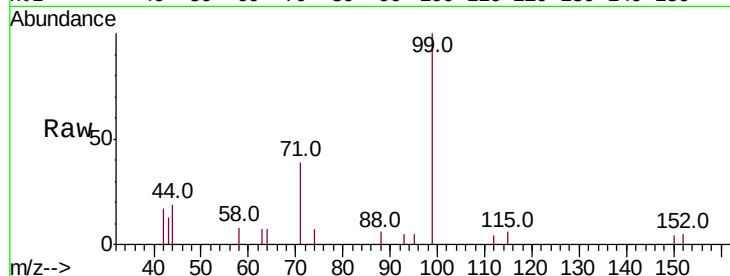
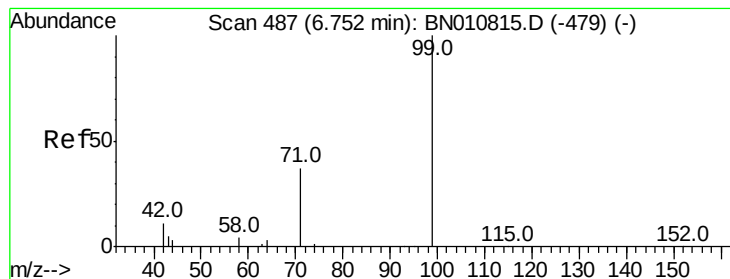


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.456 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

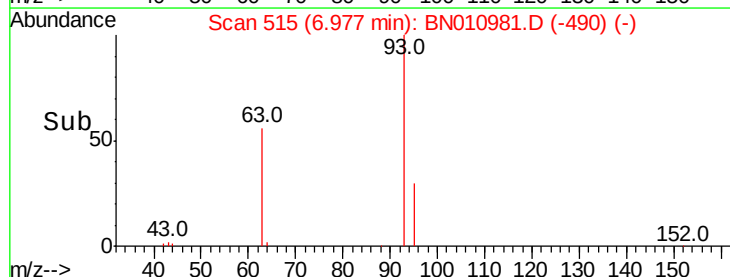
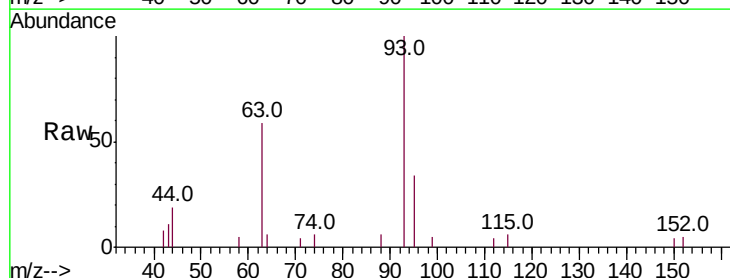
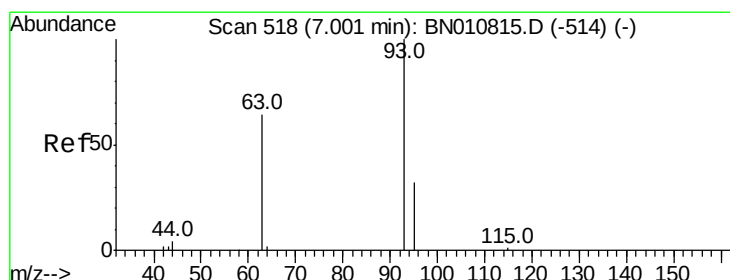
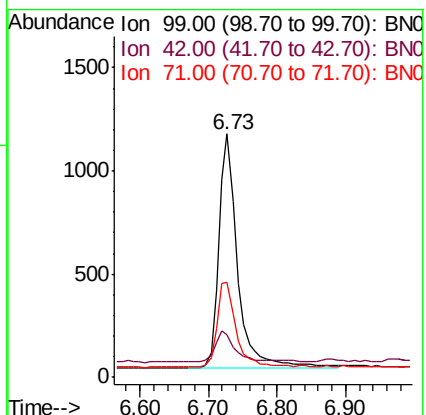
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion: 99 Resp: 2167

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.1	16.7
71	37.2	31.4	47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.473 ng

RT: 6.98 min Scan# 515

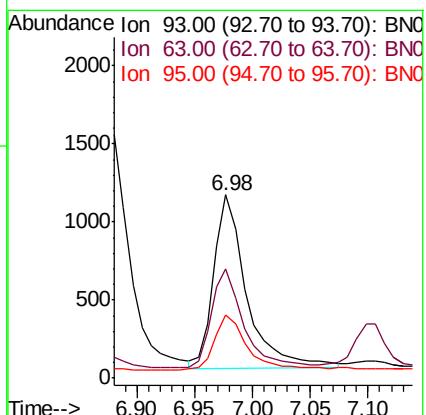
Delta R.T. -0.00 min

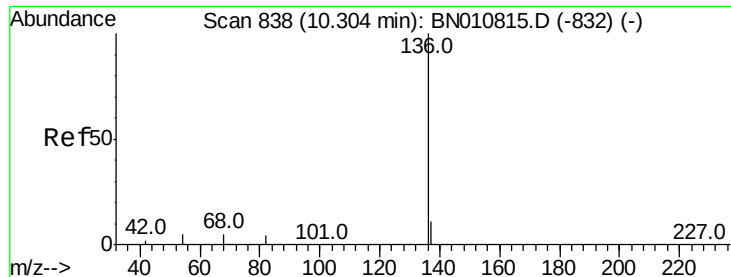
Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Tgt Ion: 93 Resp: 2194

Ion	Ratio	Lower	Upper
93	100		
63	55.9	49.4	74.2
95	31.9	26.7	40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 7248

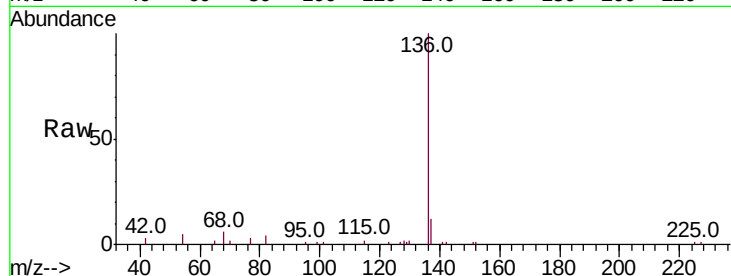
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 5.1 4.9 7.3

68 5.7 4.7 7.1

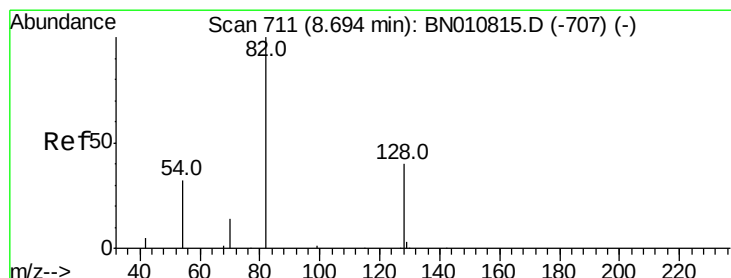
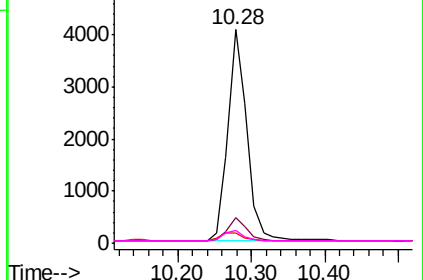
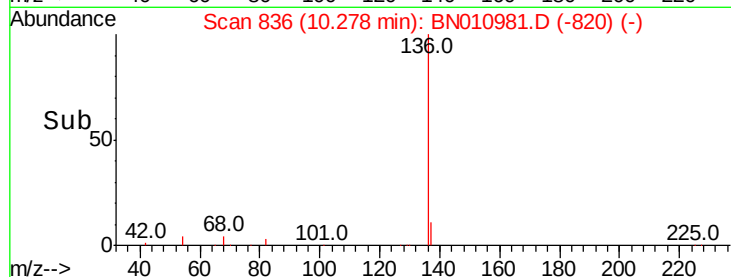


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.433 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

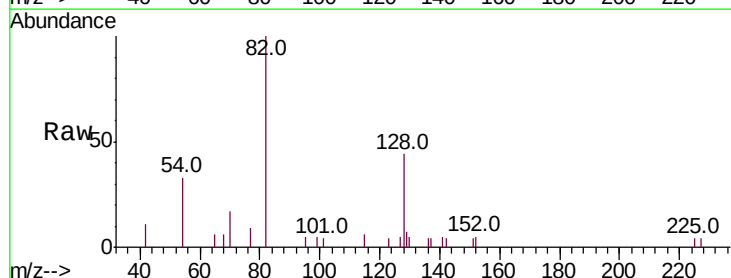
Tgt Ion: 82 Resp: 2320

Ion Ratio Lower Upper

82 100

128 44.5 35.4 53.0

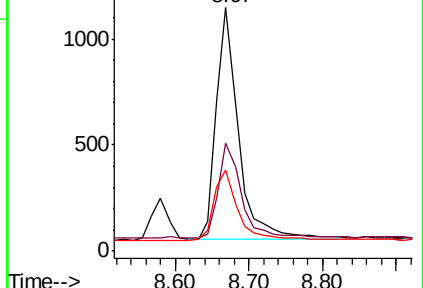
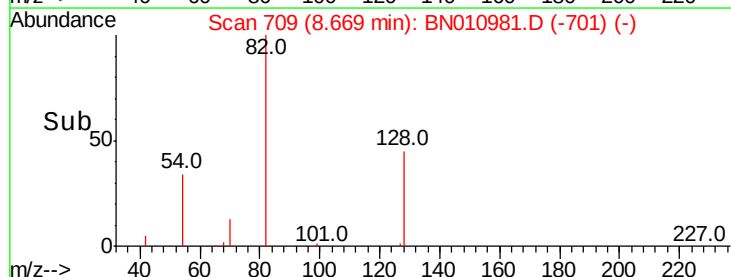
54 33.5 28.2 42.4

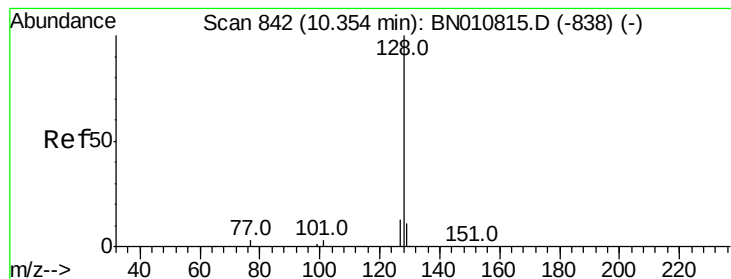


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.417 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

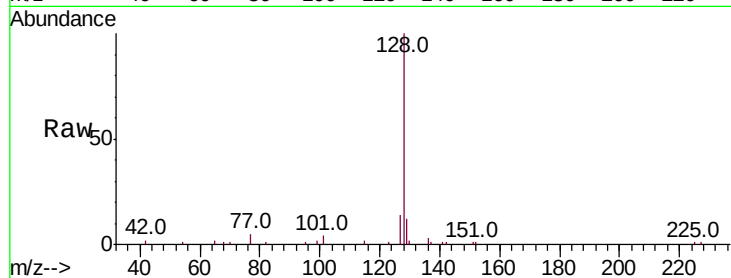
Tot Ion:128 Resp: 7592

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

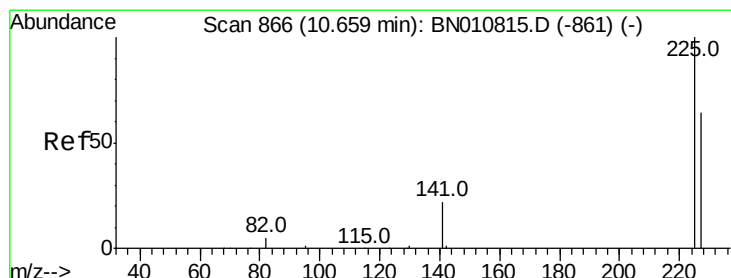
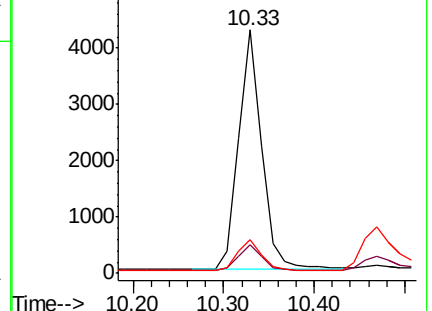
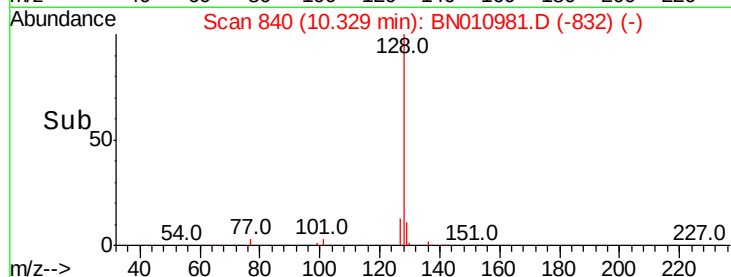
127 13.6 11.4 17.2



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: 0.399 ng

RT: 10.62 min Scan# 863

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

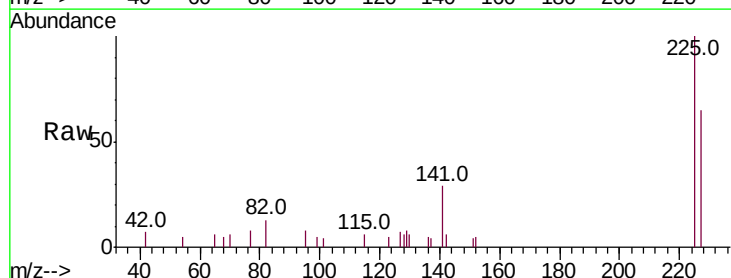
Tgt Ion:225 Resp: 1797

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

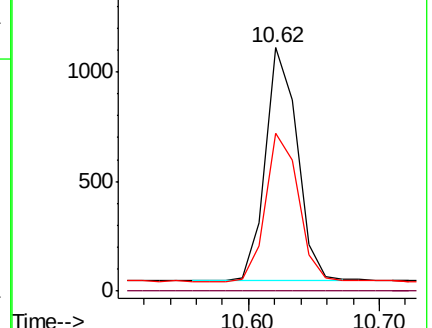
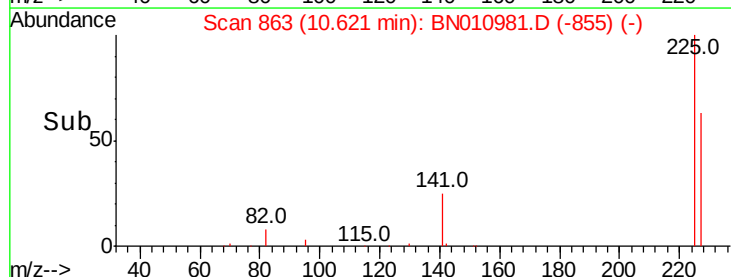
227 64.9 50.5 75.7

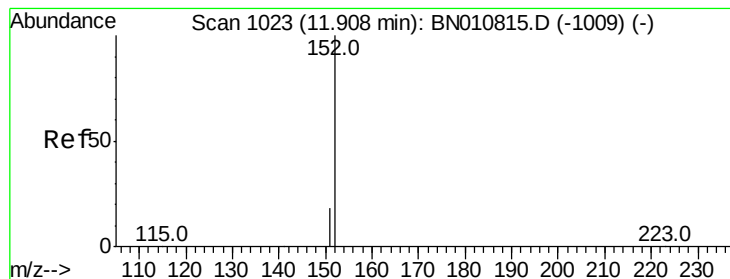


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 11.88 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

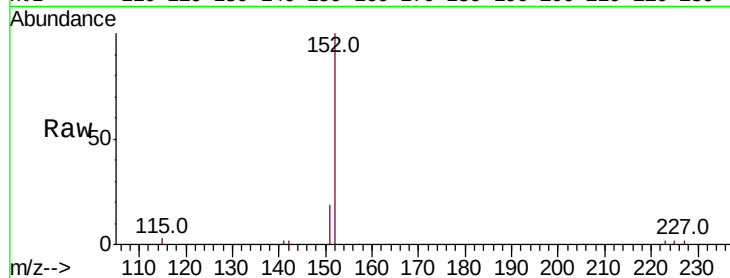
SSTDCCC0.4EC

Tot Ion:152 Resp: 4564

Ion Ratio Lower Upper

152 100

151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

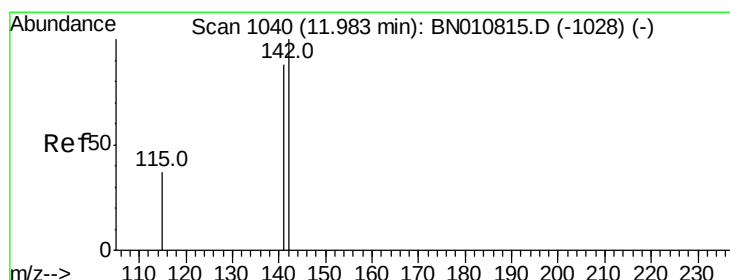
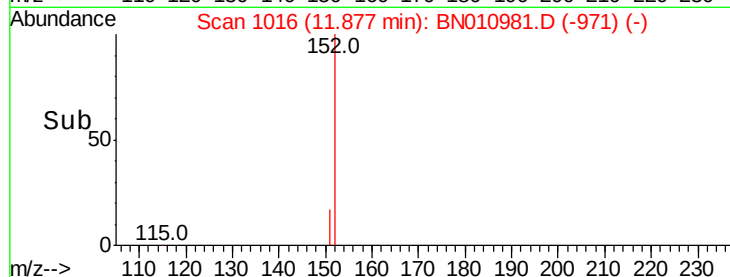
1500

1000

500

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.412 ng

RT: 11.95 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

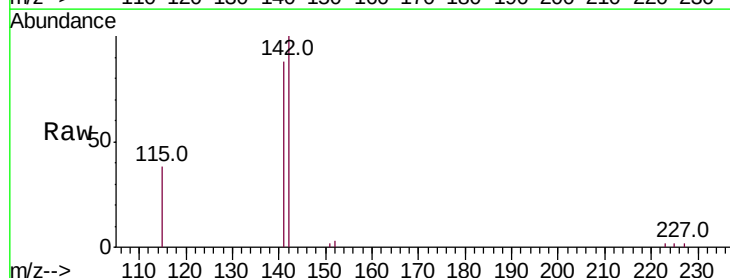
Tgt Ion:142 Resp: 5018

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

115 38.4 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

4000

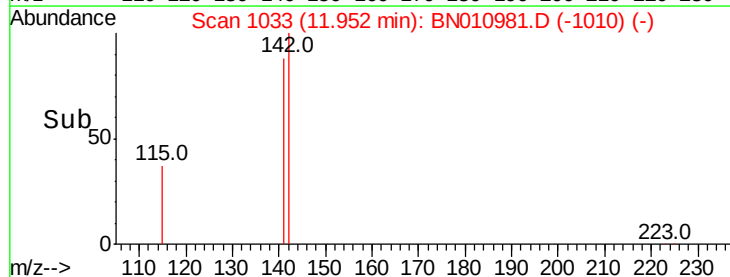
3000

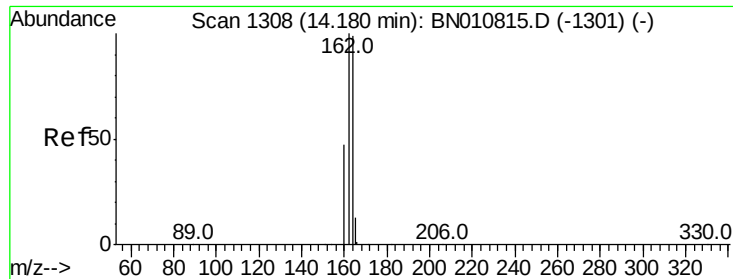
2000

1000

0

Time--> 11.80 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

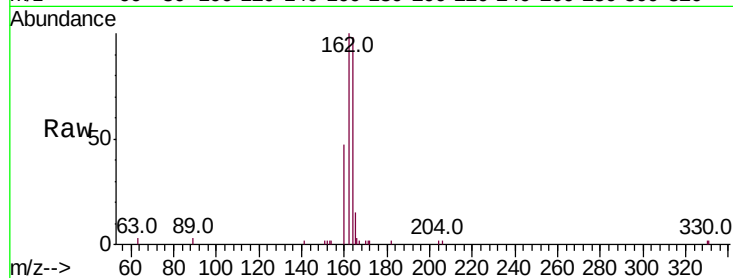
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:164 Resp: 4050

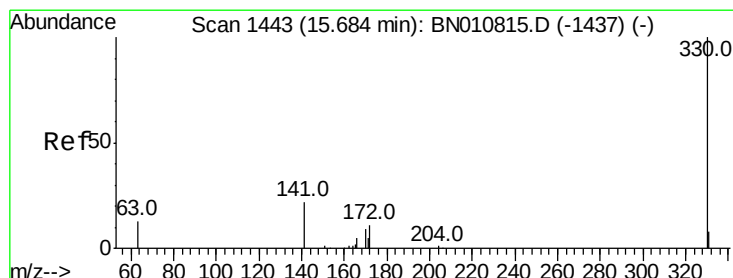
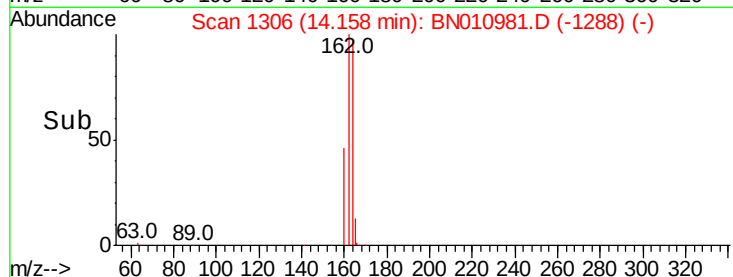
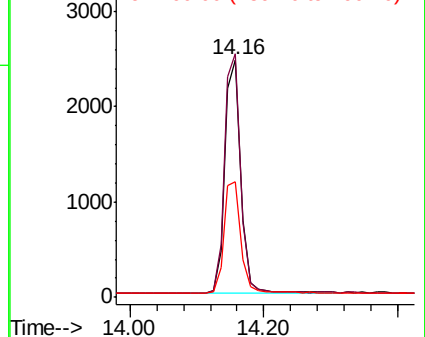
Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.0	121.6
160	48.5	38.9	58.3



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: 0.413 ng

RT: 15.66 min Scan# 1441

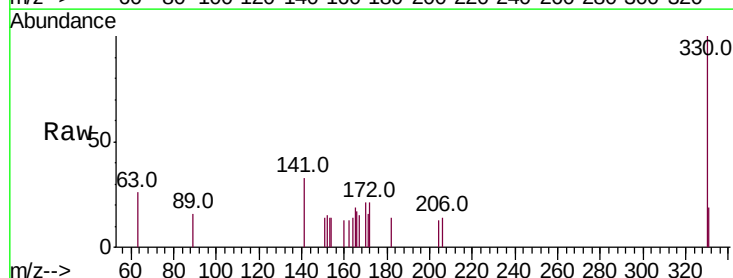
Delta R.T. 0.01 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Tgt Ion:330 Resp: 598

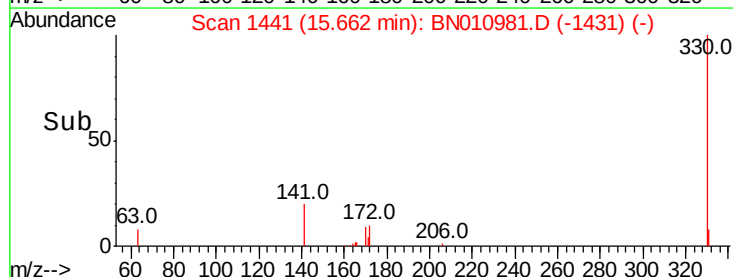
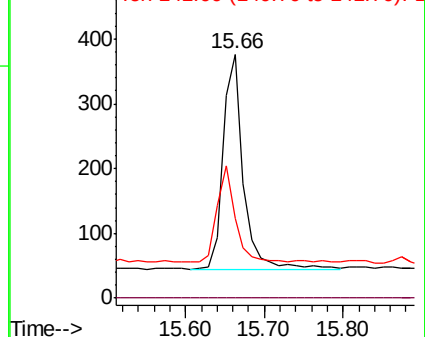
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.8	33.2	49.8

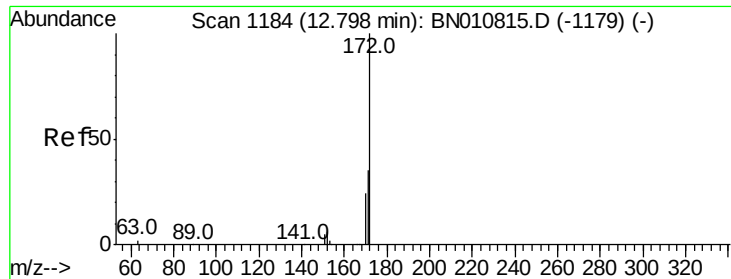


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

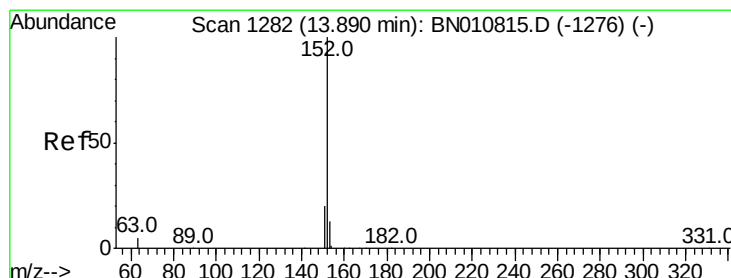
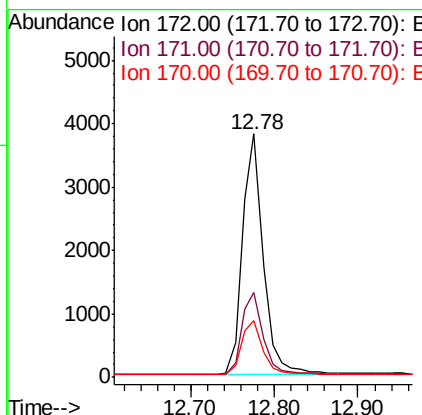
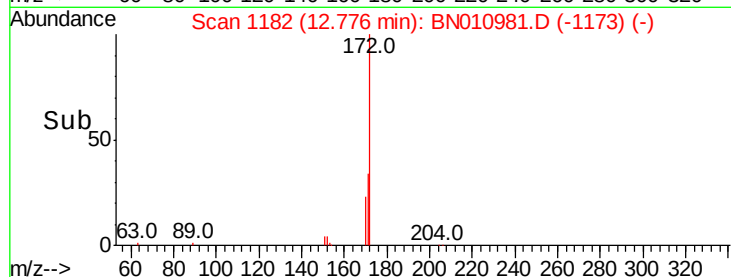
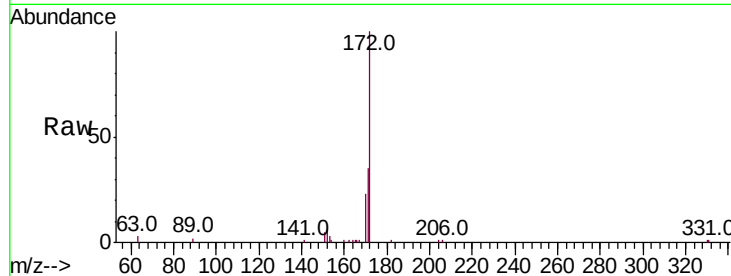




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010981.D
Acq: 19 Jun 2020 21:46

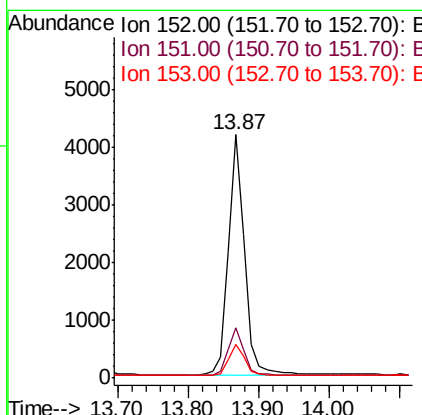
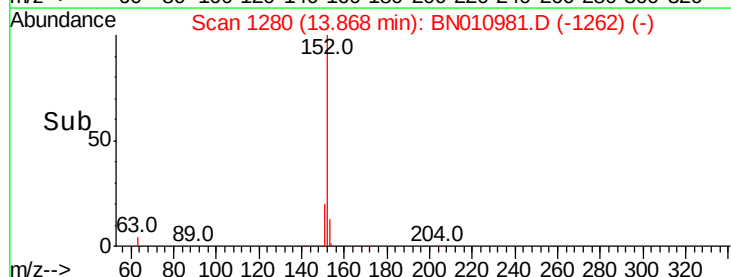
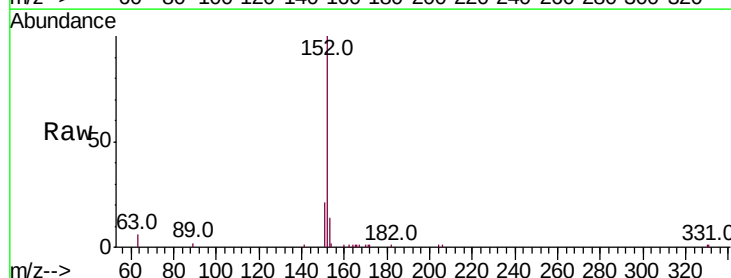
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

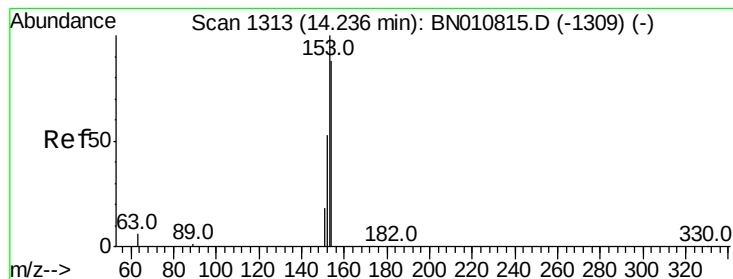
Tot Ion:172 Resp: 6522
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 19.7 29.5



#16
Acenaphthylene
Concen: 0.409 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN010981.D
Acq: 19 Jun 2020 21:46

Tgt Ion:152 Resp: 6786
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.406 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

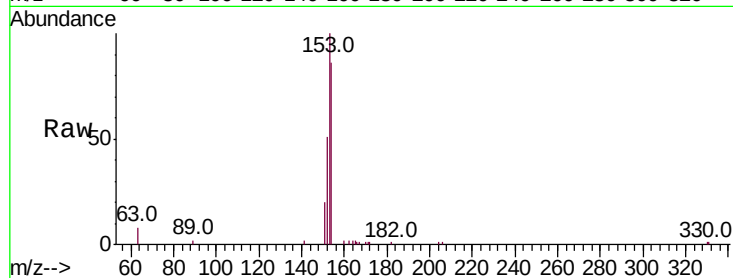
Tot Ion:154 Resp: 4592

Ion Ratio Lower Upper

154 100

153 115.8 91.8 137.6

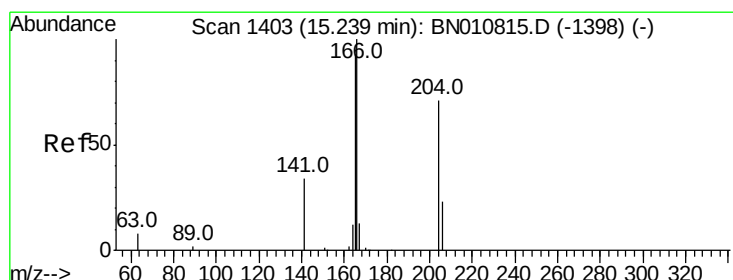
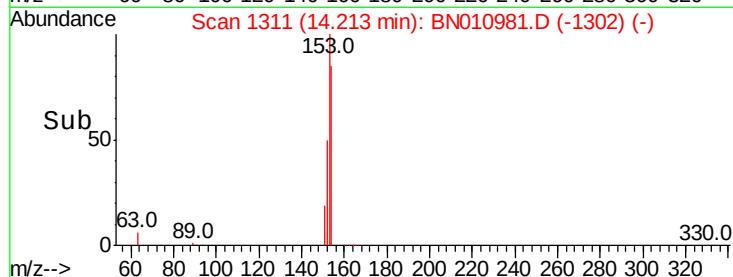
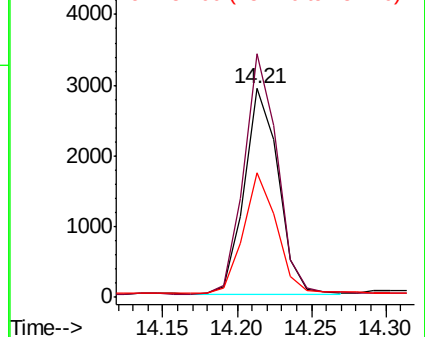
152 58.2 47.6 71.4



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: 0.421 ng

RT: 15.22 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

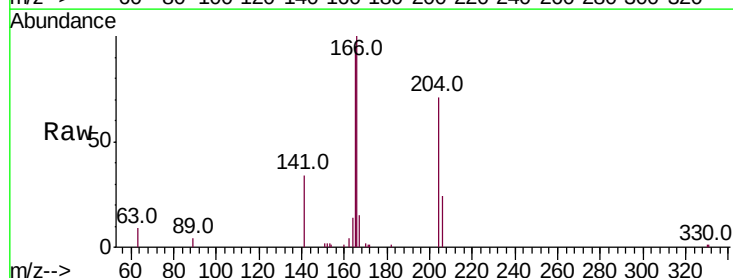
Tgt Ion:166 Resp: 6150

Ion Ratio Lower Upper

166 100

165 97.9 77.2 115.8

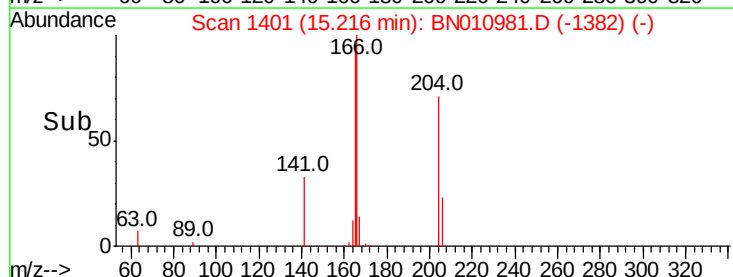
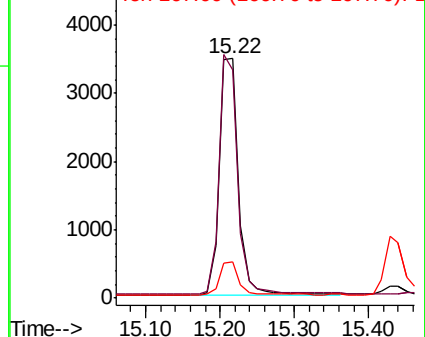
167 13.8 10.7 16.1

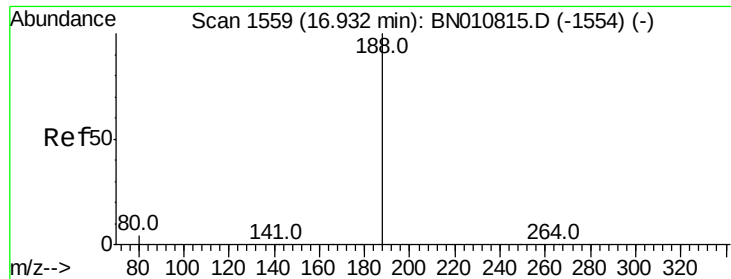


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

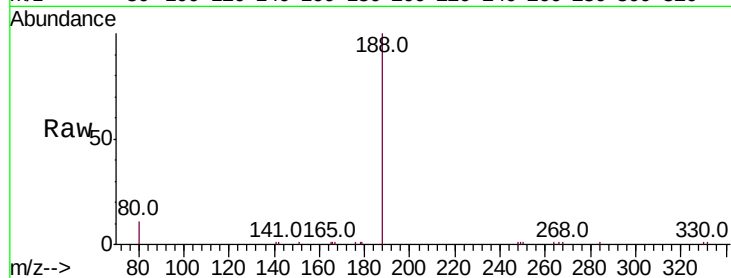
Tot Ion:188 Resp: 8337

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

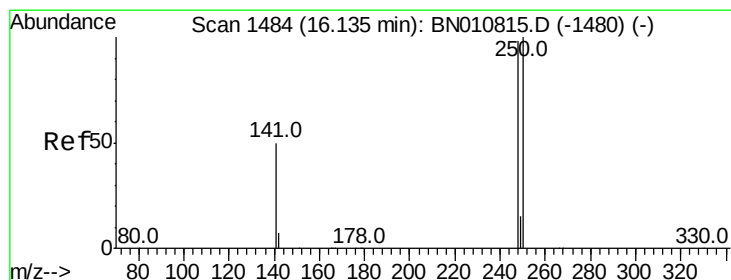
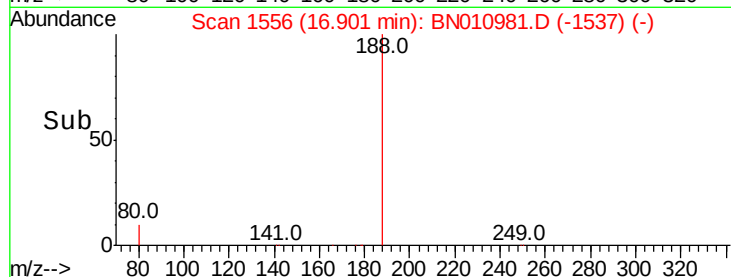
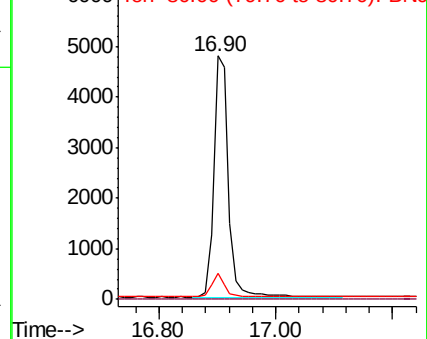
80 10.6 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.392 ng

RT: 16.11 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

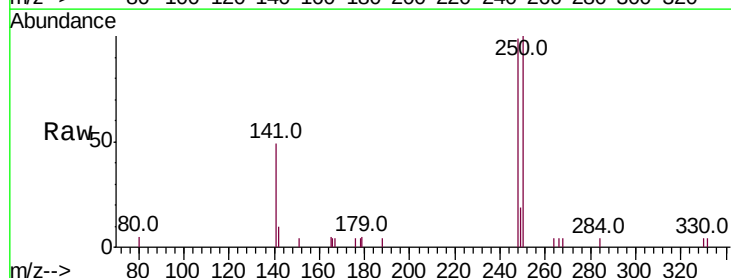
Tgt Ion:248 Resp: 1966

Ion Ratio Lower Upper

248 100

250 101.3 81.8 122.8

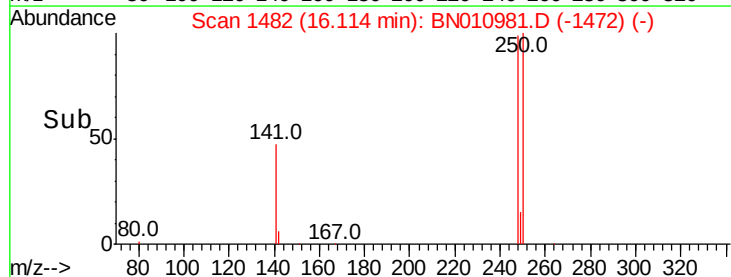
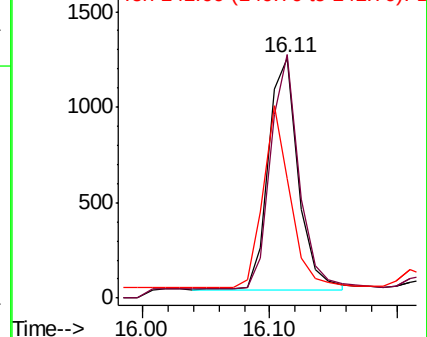
141 50.0 42.6 64.0

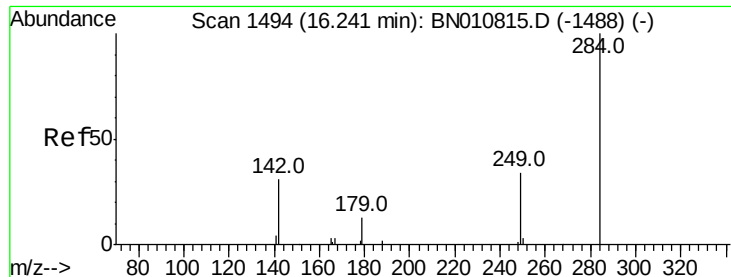


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

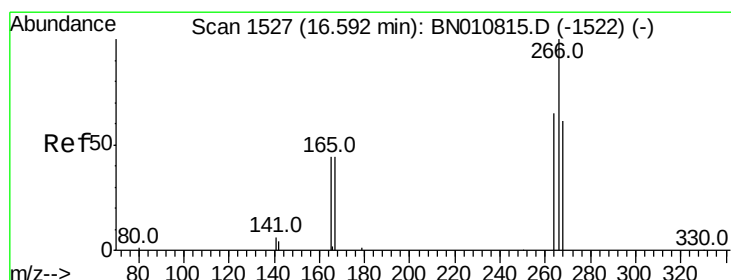
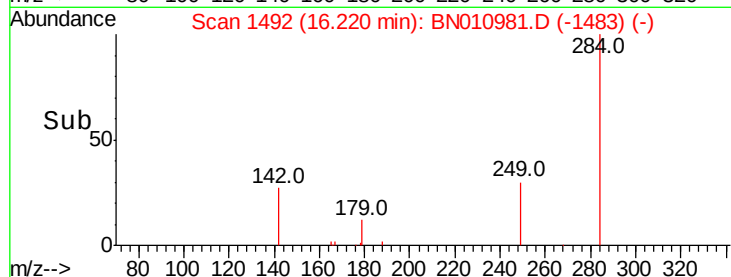
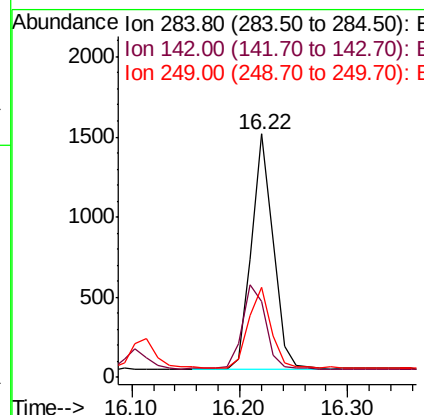
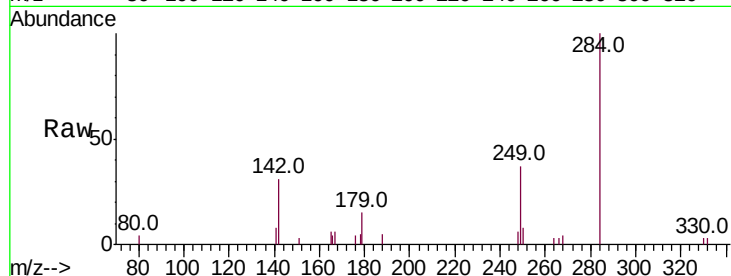




#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.22 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BN010981.D
Acq: 19 Jun 2020 21:46

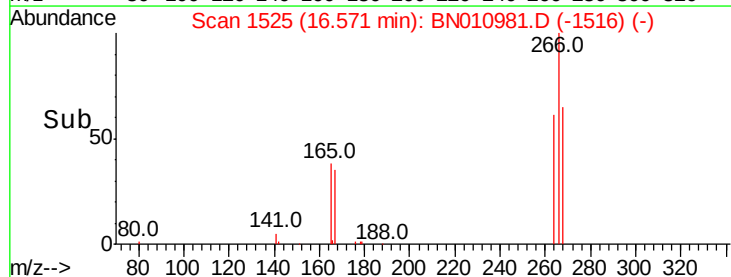
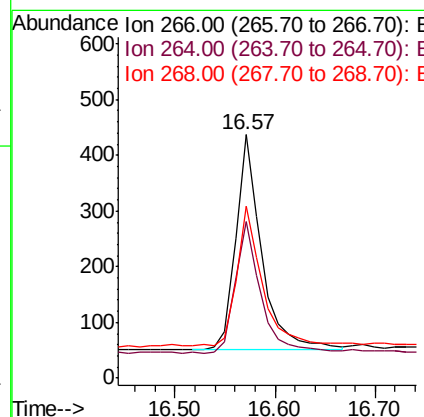
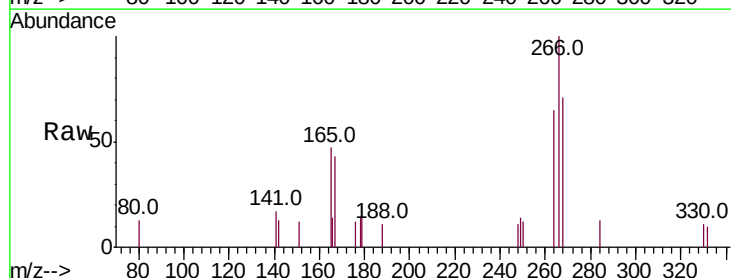
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

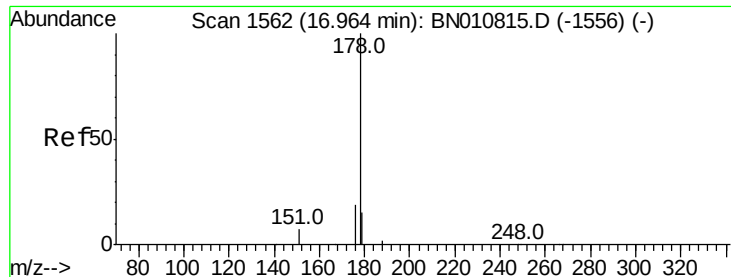
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.9	31.0	46.4
249	35.9	27.1	40.7



#22
Pentachlorophenol
Concen: 0.395 ng
RT: 16.57 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BN010981.D
Acq: 19 Jun 2020 21:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.5	54.8	82.2
268	70.7	55.9	83.9





#23

Phenanthrene

Concen: 0.404 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

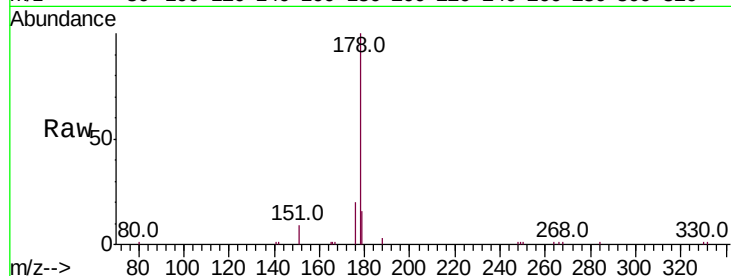
Tot Ion:178 Resp: 9194

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

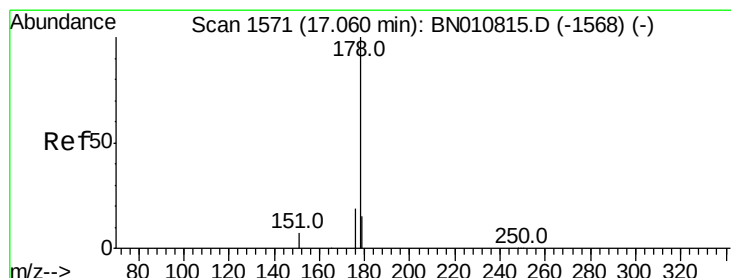
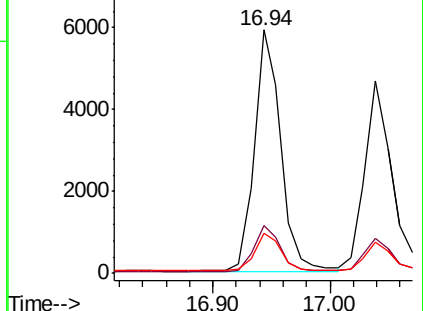
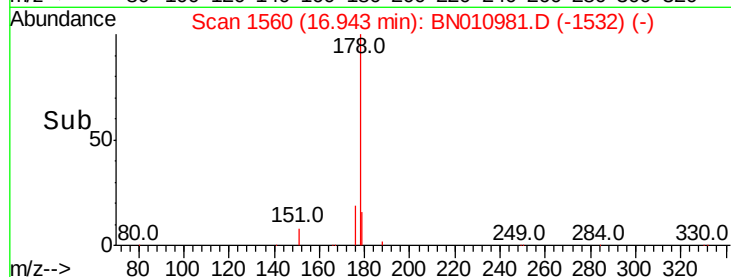
179 15.8 12.6 19.0



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: 0.402 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

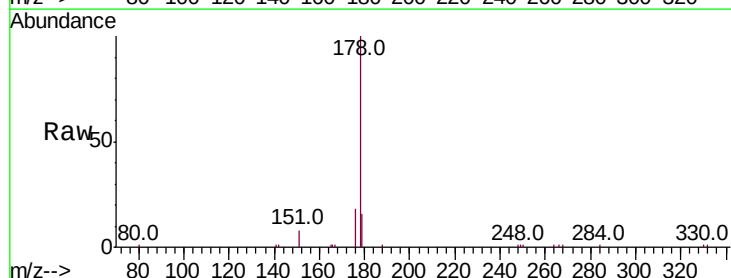
Tgt Ion:178 Resp: 7641

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

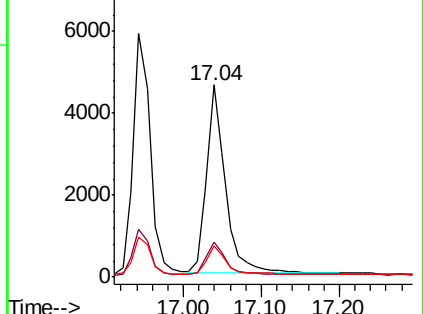
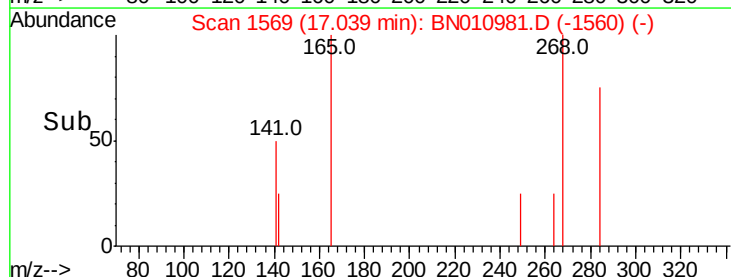
179 15.5 12.3 18.5

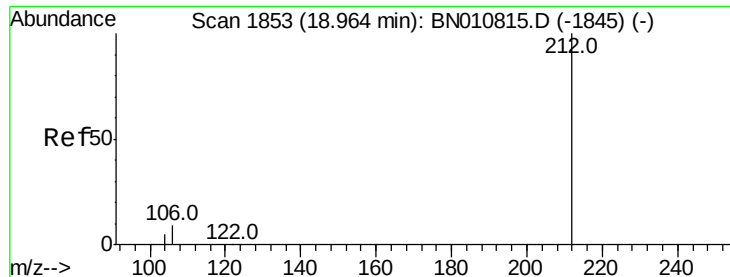


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

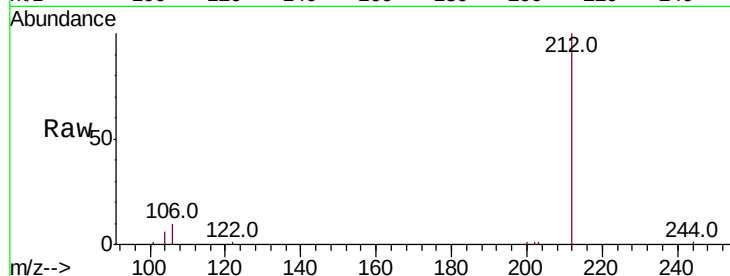
Tot Ion:212 Resp: 9312

Ion Ratio Lower Upper

212 100

106 9.2 6.6 10.0

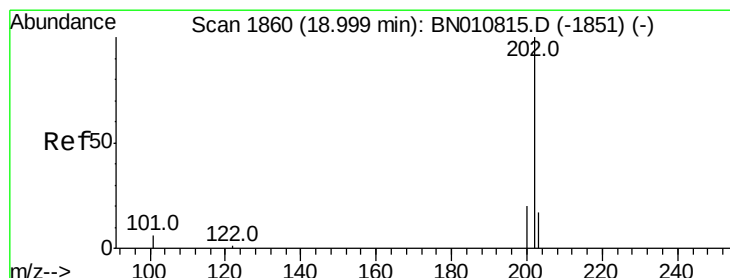
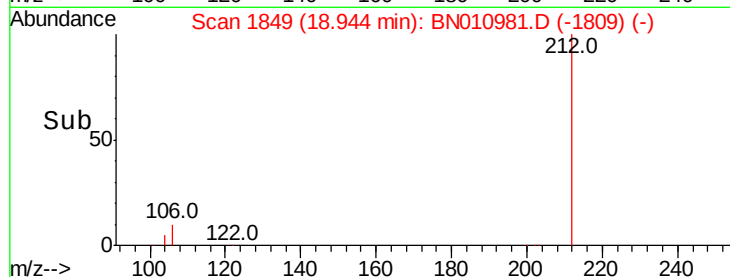
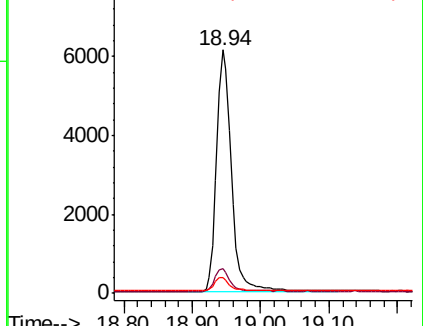
104 5.5 4.0 6.0



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: 0.402 ng

RT: 18.97 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

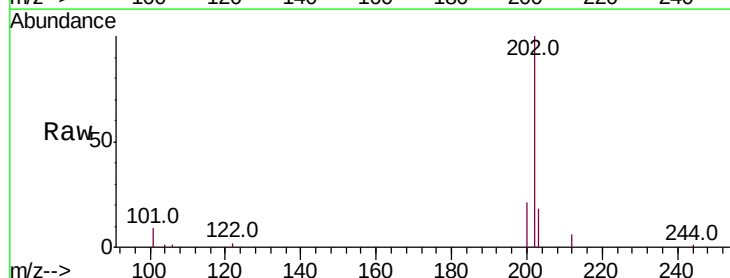
Tgt Ion:202 Resp: 10385

Ion Ratio Lower Upper

202 100

101 8.4 5.8 8.6

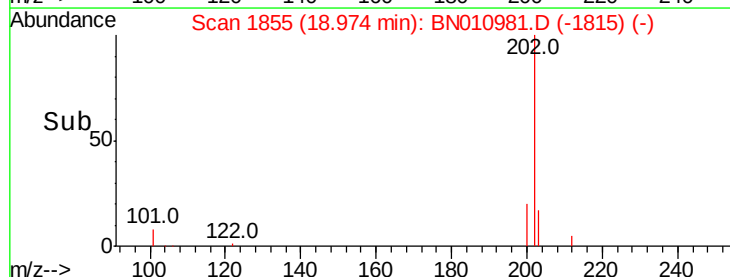
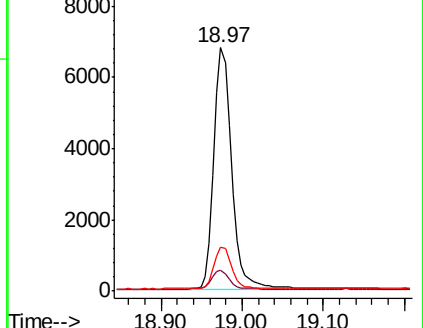
203 17.1 13.7 20.5

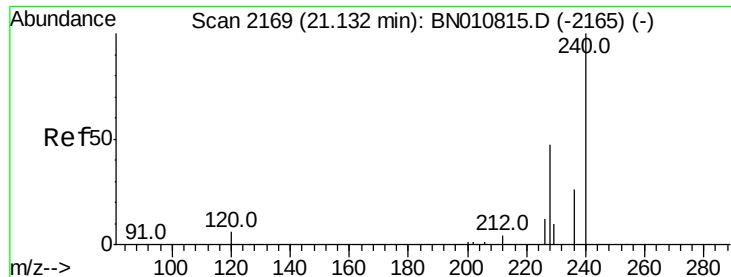


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2167

Delta R.T. -0.01 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

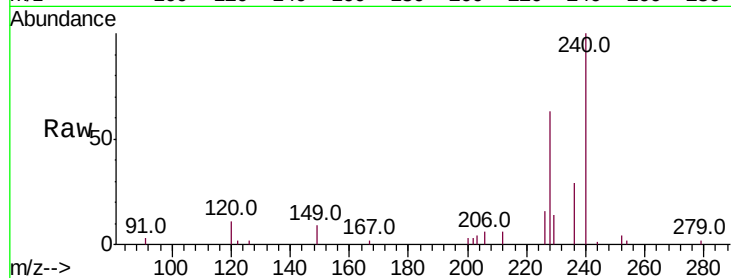
Tot Ion:240 Resp: 7528

Ion Ratio Lower Upper

240 100

120 11.2 7.5 11.3

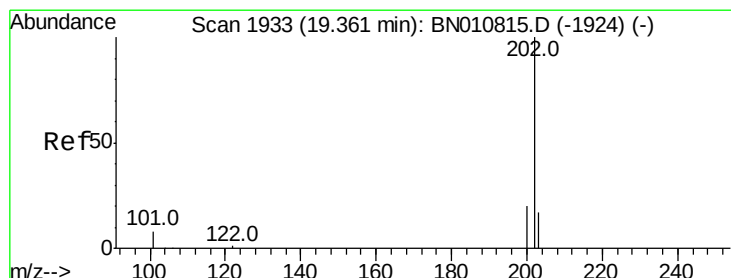
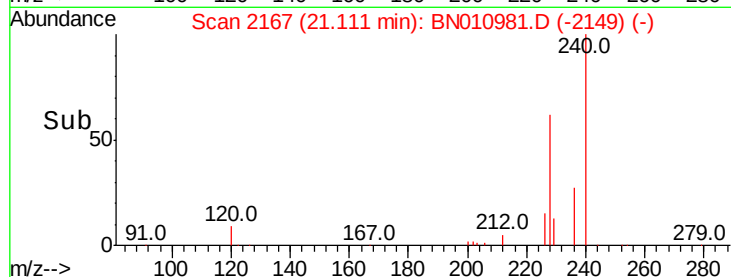
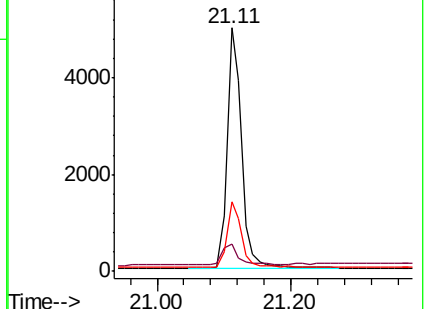
236 28.7 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.417 ng

RT: 19.34 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

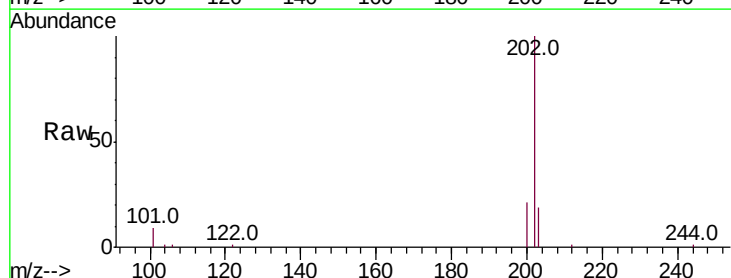
Tgt Ion:202 Resp: 10382

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

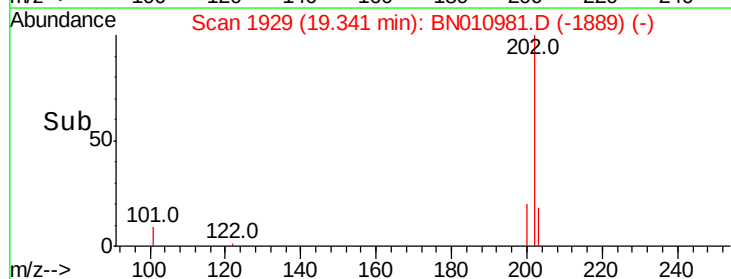
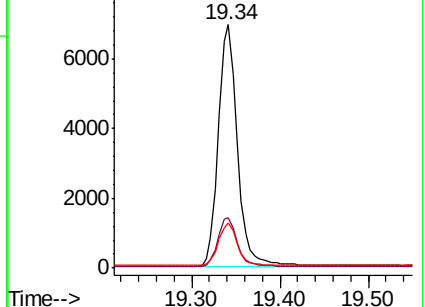
203 17.6 14.2 21.4

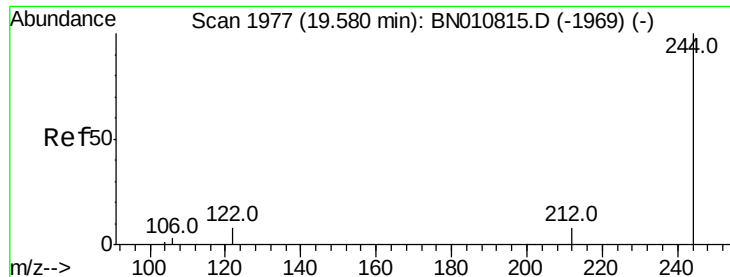


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.413 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

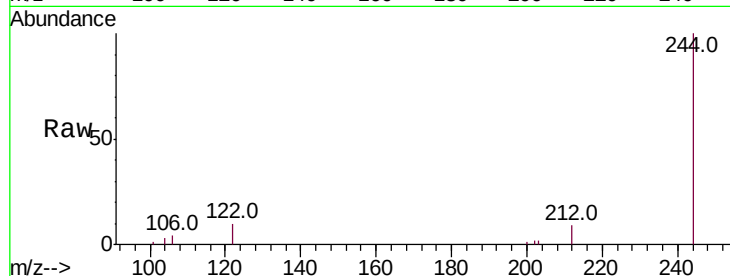
Tot Ion:244 Resp: 7278

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

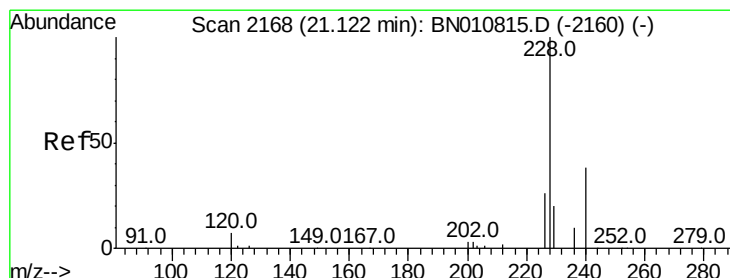
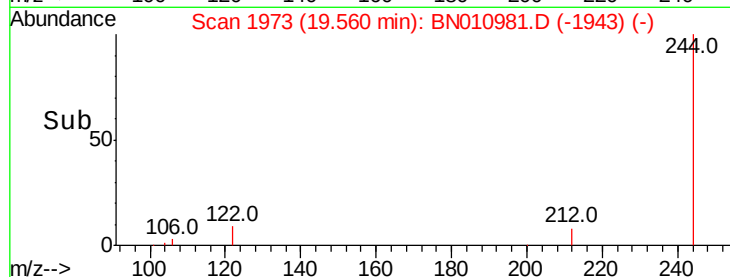
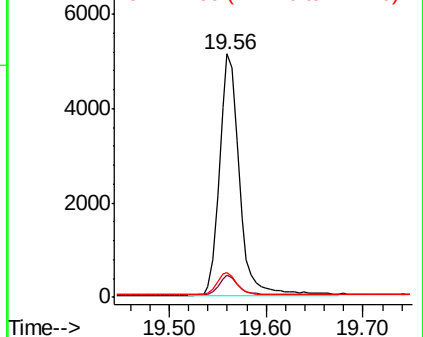
122 9.9 7.5 11.3



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: 0.403 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

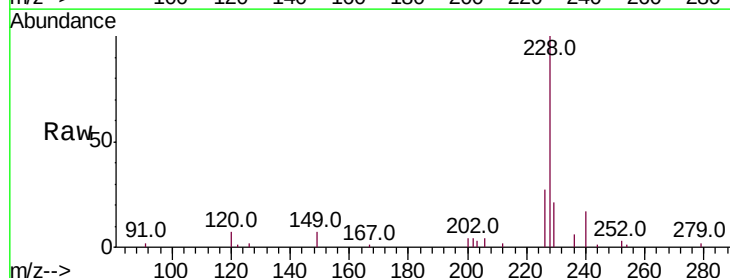
Tgt Ion:228 Resp: 8925

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

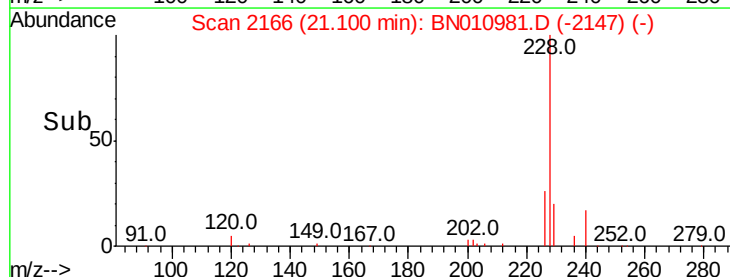
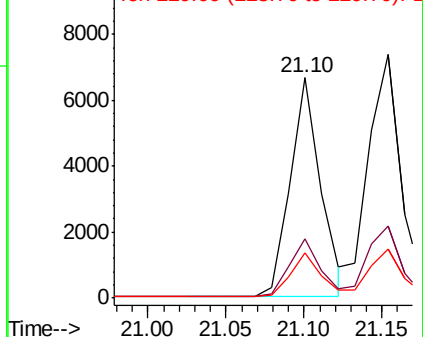
229 20.5 16.6 24.8

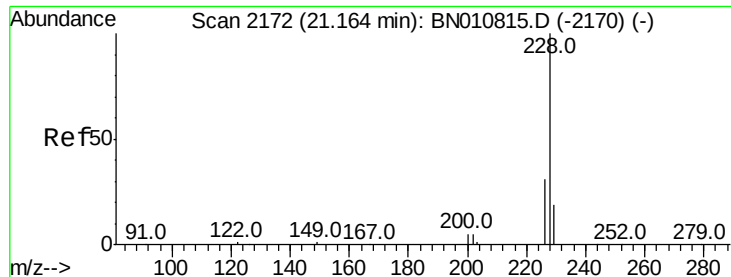


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.420 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

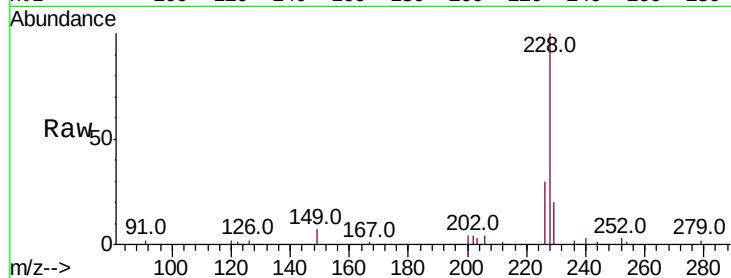
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 10827

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	20.4	16.1	24.1

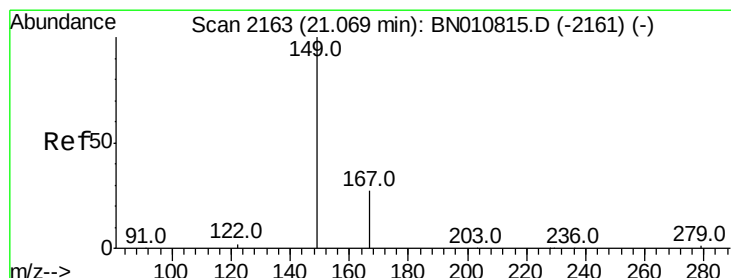
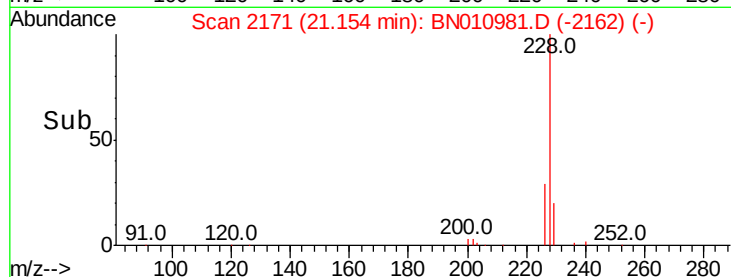
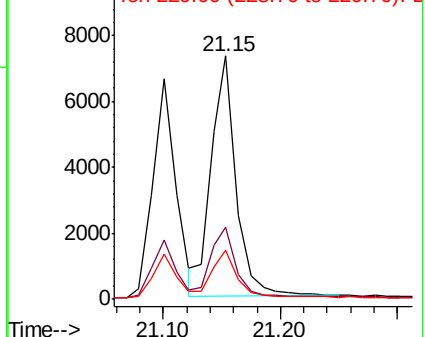


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.481 ng

RT: 21.06 min Scan# 2162

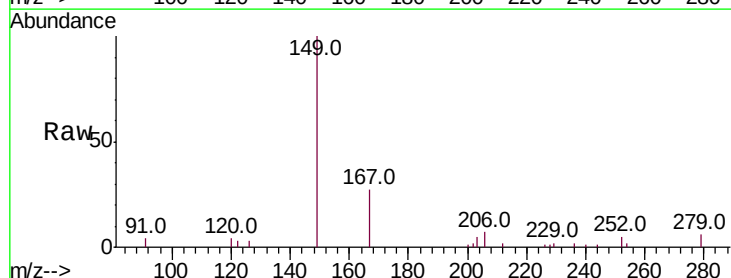
Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Tgt Ion:149 Resp: 3548

Ion	Ratio	Lower	Upper
149	100		
167	28.3	24.1	36.1
279	4.8	4.6	7.0

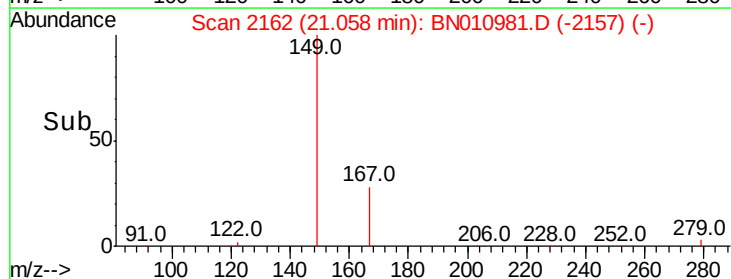
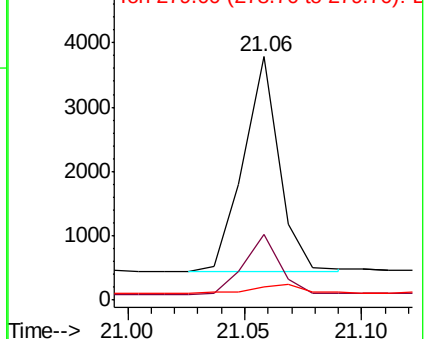


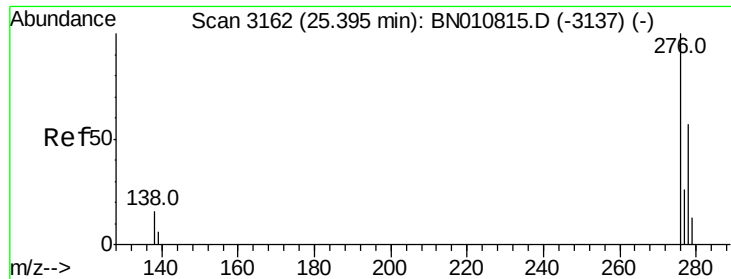
Abundance

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: 0.445 ng

RT: 25.36 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

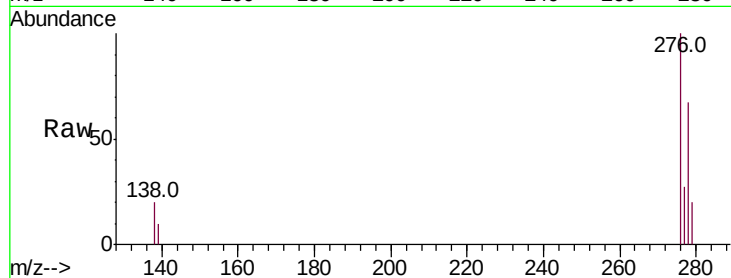
Tot Ion:276 Resp: 12819

Ion Ratio Lower Upper

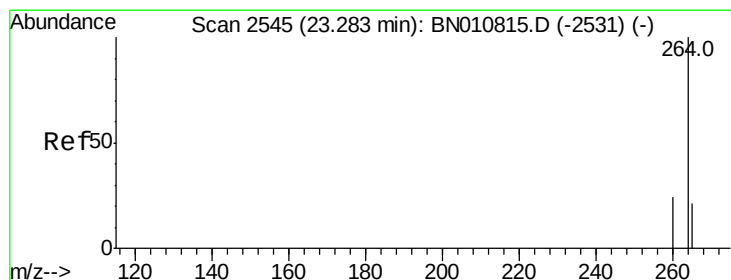
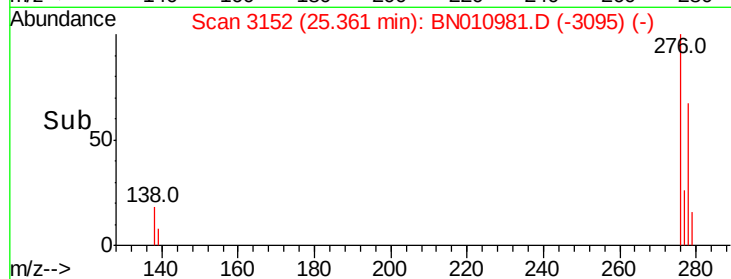
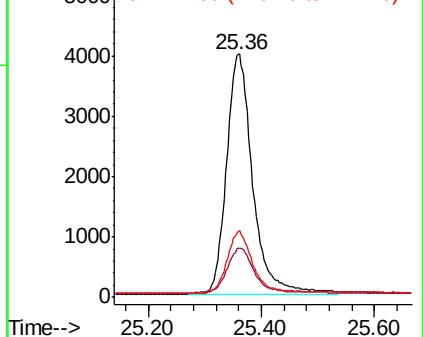
276 100

138 19.8 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# 2538

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

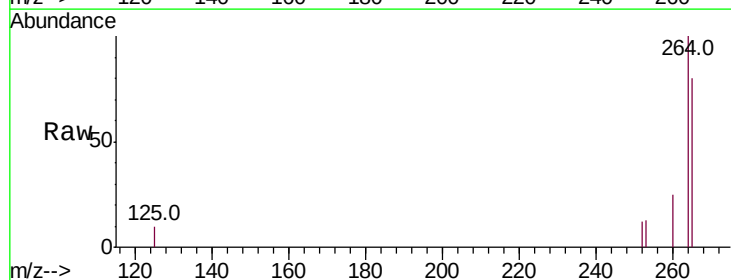
Tgt Ion:264 Resp: 8034

Ion Ratio Lower Upper

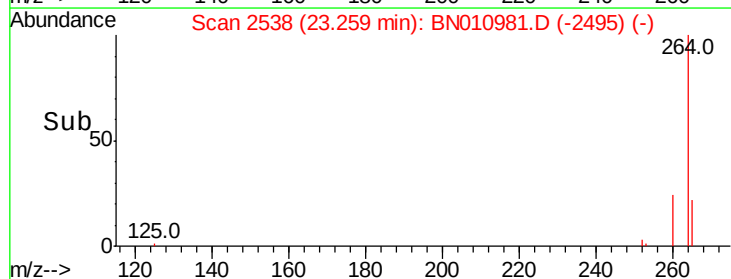
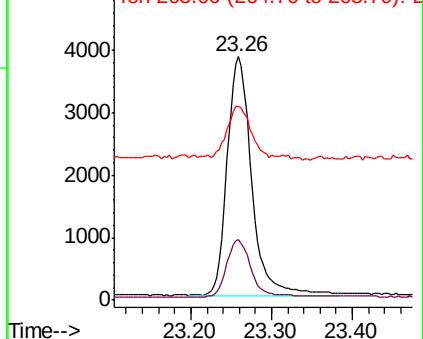
264 100

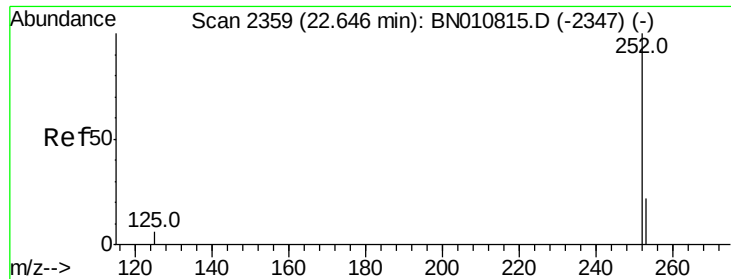
260 24.8 20.4 30.6

265 79.7 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: 0.379 ng

RT: 22.63 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

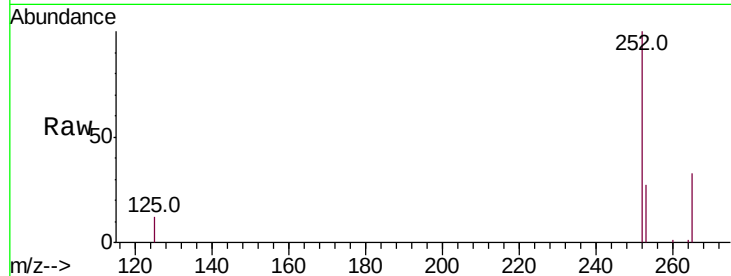
Tot Ion:252 Resp: 10349

Ion Ratio Lower Upper

252 100

253 27.2 22.4 33.6

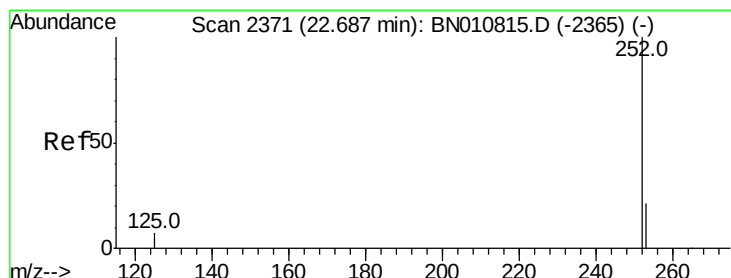
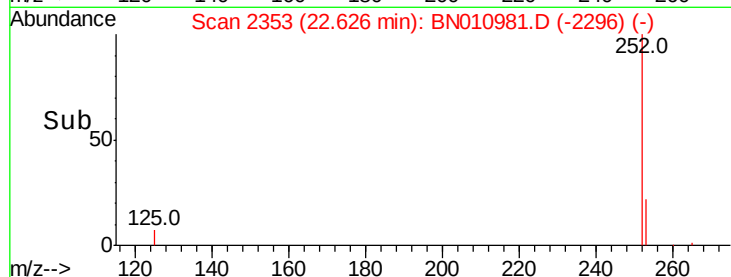
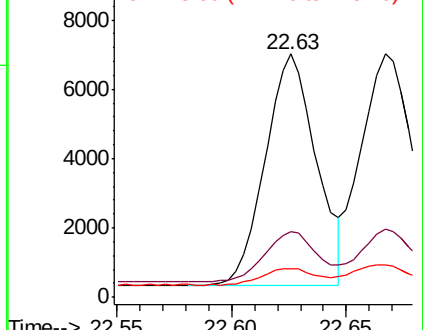
125 11.8 9.4 14.0



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: 0.389 ng

RT: 22.67 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

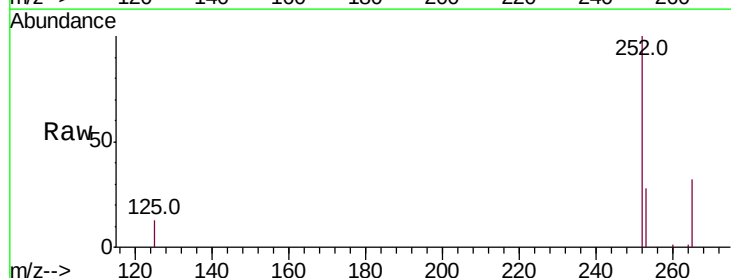
Tgt Ion:252 Resp: 11309

Ion Ratio Lower Upper

252 100

253 27.8 22.2 33.4

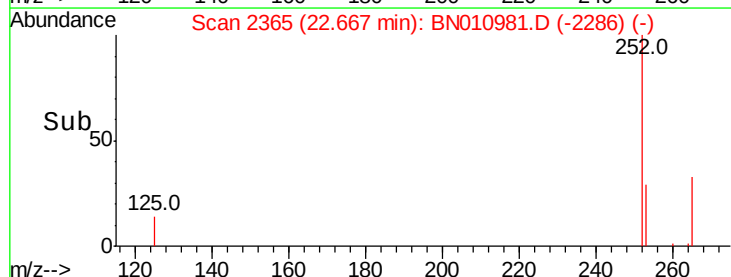
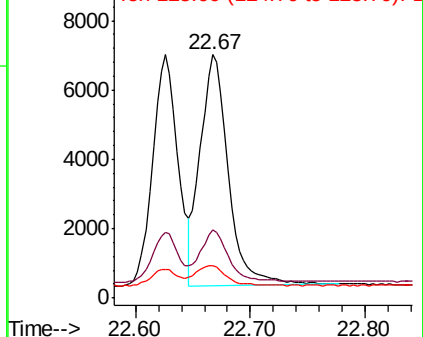
125 13.1 9.8 14.8

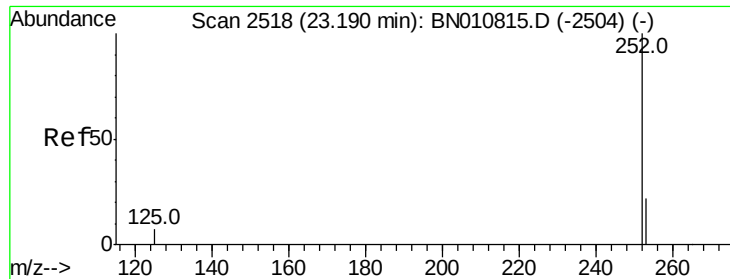


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.17 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

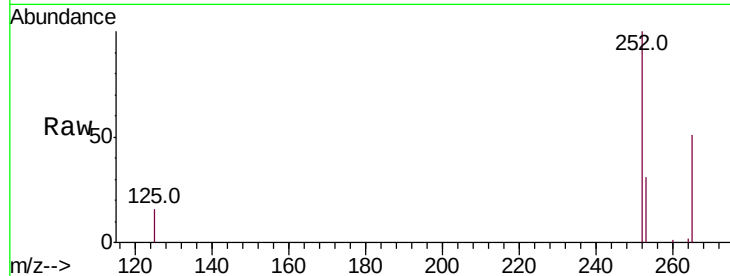
Tot Ion:252 Resp: 9364

Ion Ratio Lower Upper

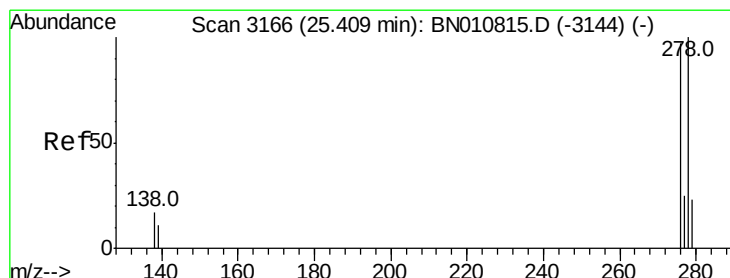
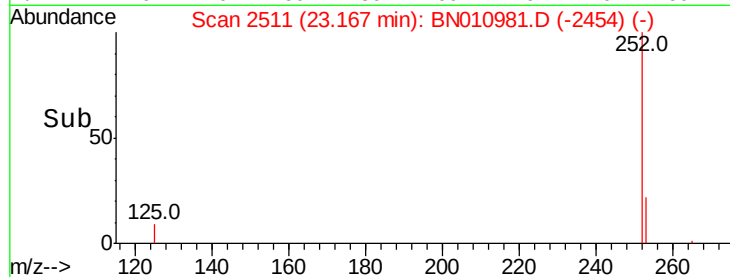
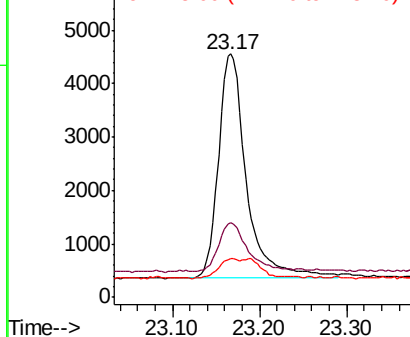
252 100

253 30.7 25.8 38.8

125 16.1 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: 0.386 ng

RT: 25.37 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

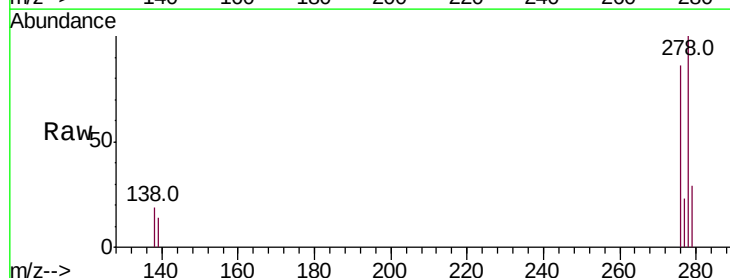
Tgt Ion:278 Resp: 10321

Ion Ratio Lower Upper

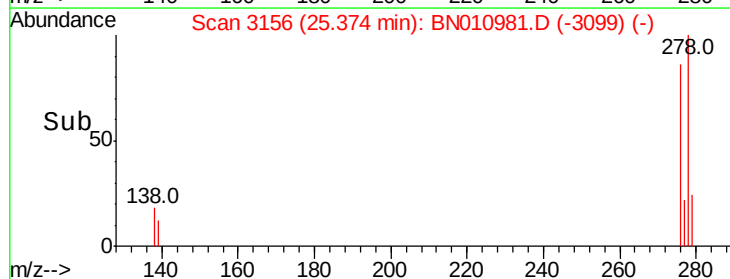
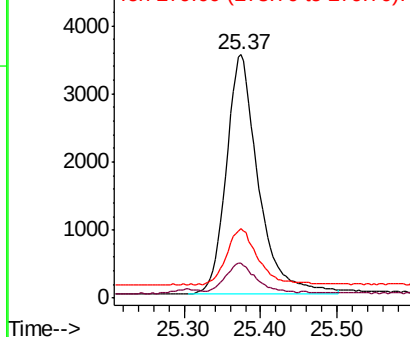
278 100

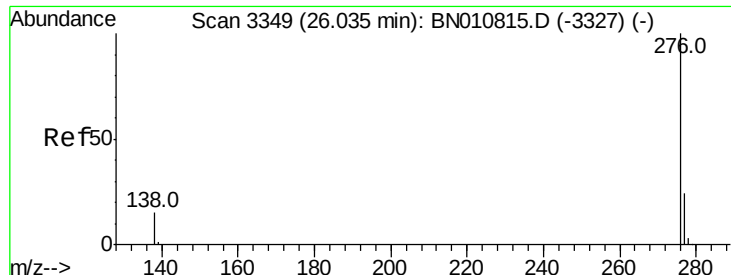
139 14.1 10.6 15.8

279 28.6 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: 0.386 ng

RT: 26.00 min Scan# 3338

Delta R.T. -0.00 min

Lab File: BN010981.D

Acq: 19 Jun 2020 21:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

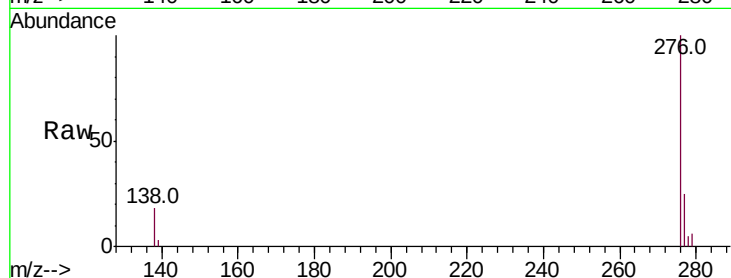
Tot Ion:276 Resp: 10771

Ion Ratio Lower Upper

276 100

277 25.3 20.5 30.7

138 18.0 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

