

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
 Data File : BN010964.D
 Acq On : 19 Jun 2020 11:37
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 19 12:46:20 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	3533	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	11625	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	6965	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	14870	0.40	ng	0.00
27) Chrysene-d12	21.12	240	14648	0.40	ng	0.00
34) Perylene-d12	23.26	264	15836	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	3449	0.51	ng	0.00
5) Phenol-d6	6.73	99	3988	0.50	ng	0.00
8) Nitrobenzene-d5	8.67	82	3836	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	7827	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	1199	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	11721	0.43	ng	0.00
25) Fluoranthene-d10	18.94	212	17944	0.44	ng	0.00
29) Terphenyl-d14	19.56	244	14442	0.42	ng	0.00

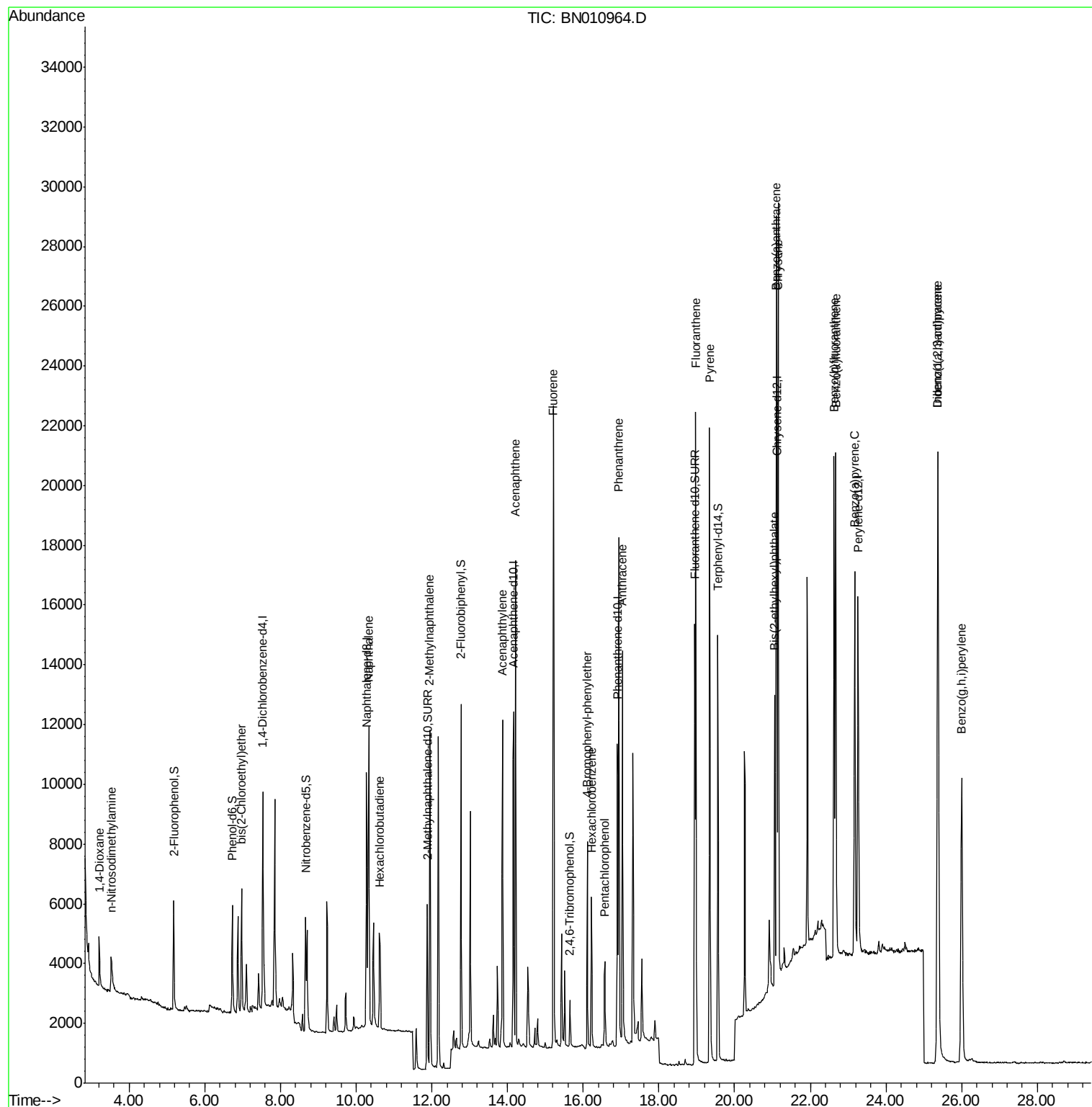
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.22	88	1600	0.462	ng	100
3) n-Nitrosodimethylamine	3.52	42	1079	0.536	ng	# 98
6) bis(2-Chloroethyl)ether	6.98	93	3741	0.478	ng	94
9) Naphthalene	10.33	128	13231	0.453	ng	99
10) Hexachlorobutadiene	10.62	225	2845	0.394	ng	# 99
12) 2-Methylnaphthalene	11.95	142	8519	0.436	ng	98
16) Acenaphthylene	13.87	152	12315	0.432	ng	99
17) Acenaphthene	14.21	154	7919	0.407	ng	98
18) Fluorene	15.21	166	10601	0.422	ng	99
20) 4-Bromophenyl-phenylether	16.10	248	3607	0.404	ng	# 79
21) Hexachlorobenzene	16.22	284	3619	0.388	ng	98
22) Pentachlorophenol	16.57	266	1658	0.530	ng	95
23) Phenanthrene	16.94	178	17249	0.425	ng	99
24) Anthracene	17.04	178	14919	0.440	ng	100
26) Fluoranthene	18.97	202	20069	0.435	ng	# 99
28) Pyrene	19.34	202	20350	0.420	ng	100
30) Benzo(a)anthracene	21.10	228	19668	0.457	ng	98
31) Chrysene	21.15	228	20405	0.407	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	8644	0.602	ng	96
33) Indeno(1,2,3-cd)pyrene	25.36	276	24356	0.434	ng	# 96
35) Benzo(b)fluoranthene	22.63	252	20143	0.374	ng	96
36) Benzo(k)fluoranthene	22.67	252	21491	0.375	ng	96
37) Benzo(a)pyrene	23.17	252	18393	0.398	ng	92
38) Dibenzo(a,h)anthracene	25.38	278	19914	0.378	ng	94
39) Benzo(g,h,i)perylene	26.00	276	20205	0.367	ng	97

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

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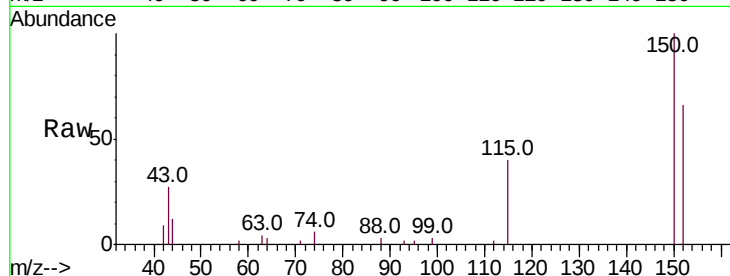


#1

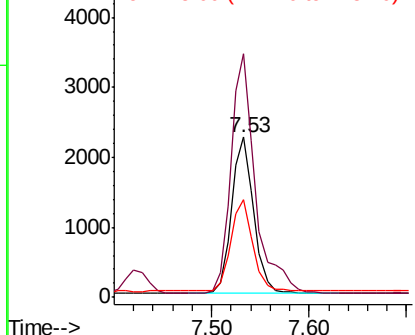
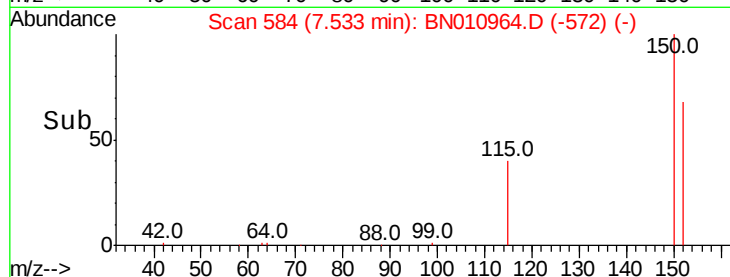
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN010964.D
Acq: 19 Jun 2020 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 3533
Ion Ratio Lower Upper
152 100
150 151.9 123.8 185.6
115 60.8 49.2 73.8



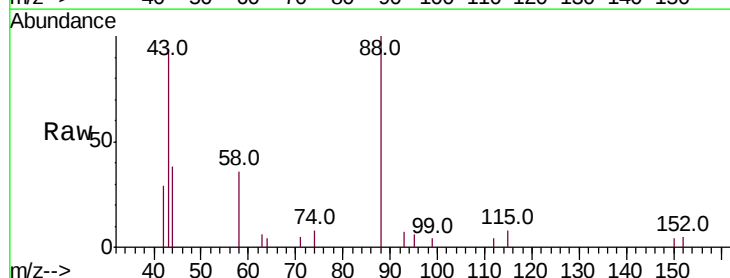
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



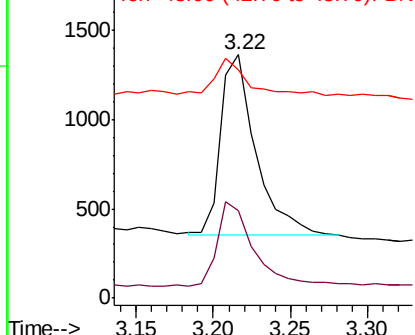
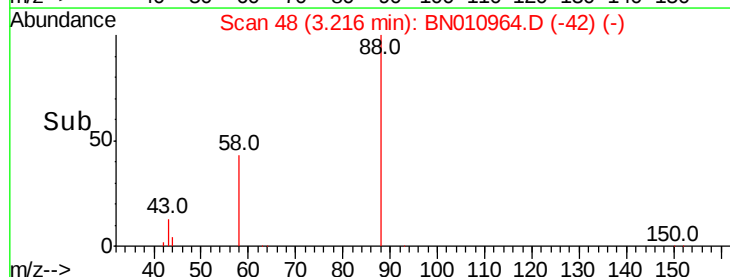
#2

1,4-Dioxane
Concen: 0.462 ng
RT: 3.22 min Scan# 48
Delta R.T. 0.00 min
Lab File: BN010964.D
Acq: 19 Jun 2020 11:37

Tgt Ion: 88 Resp: 1600
Ion Ratio Lower Upper
88 100
58 47.9 38.2 57.4
43 18.6 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: 0.536 ng

RT: 3.52 min Scan# 86

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

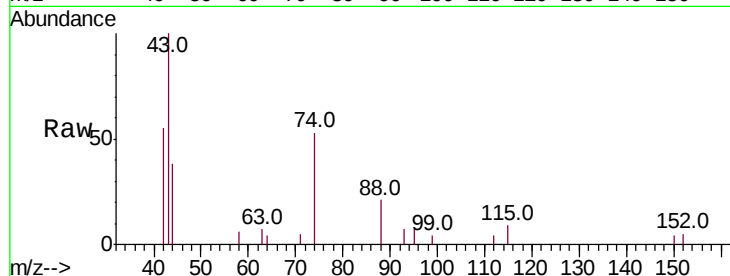
Tot Ion: 42 Resp: 1079

Ion Ratio Lower Upper

42 100

74 173.5 140.7 211.1

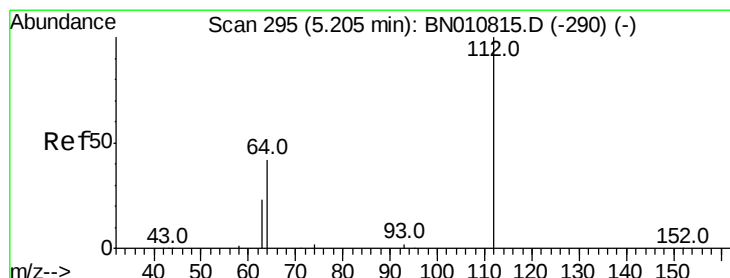
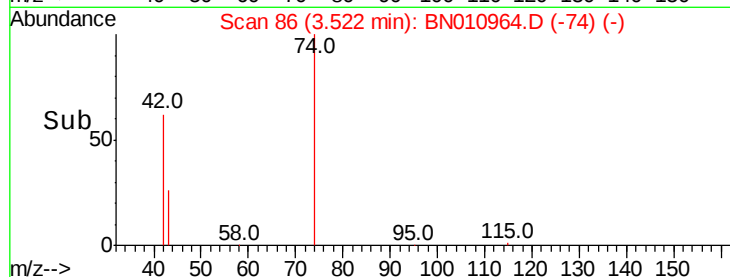
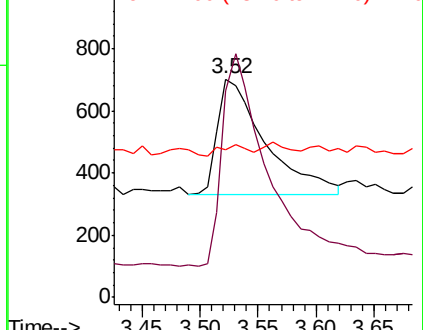
44 5.3 1.4 2.2#



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: 0.506 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

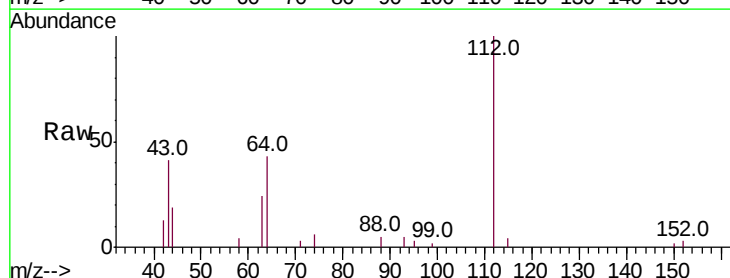
Tgt Ion: 112 Resp: 3449

Ion Ratio Lower Upper

112 100

64 45.8 37.4 56.0

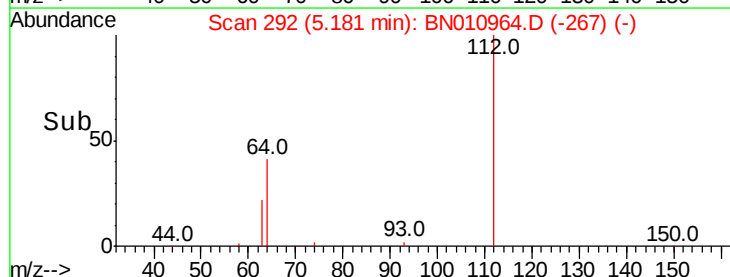
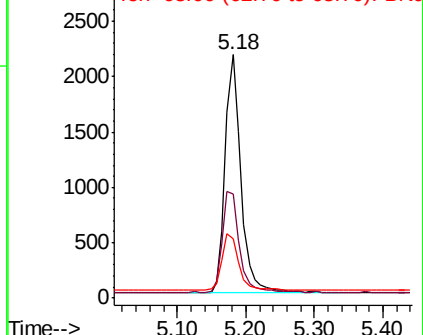
63 25.5 22.2 33.4

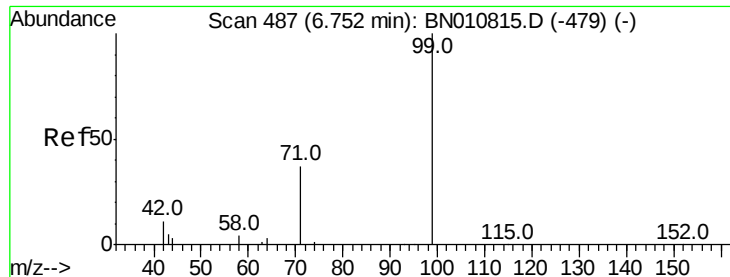


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.496 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

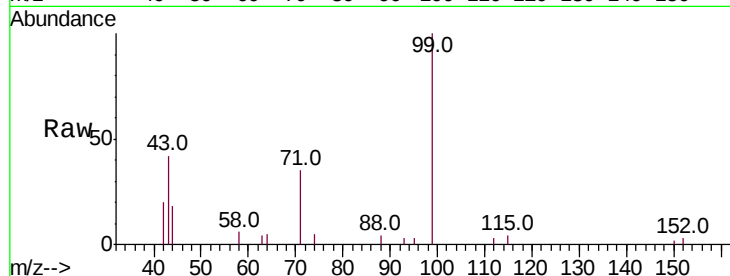
Tot Ion: 99 Resp: 3988

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

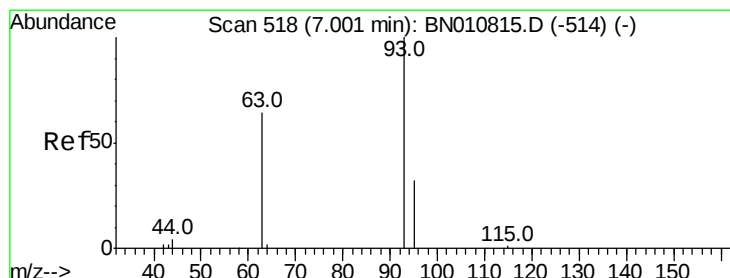
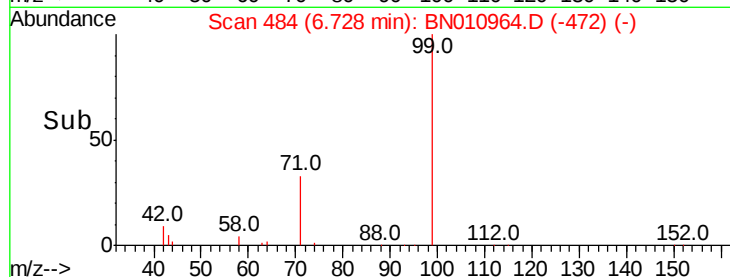
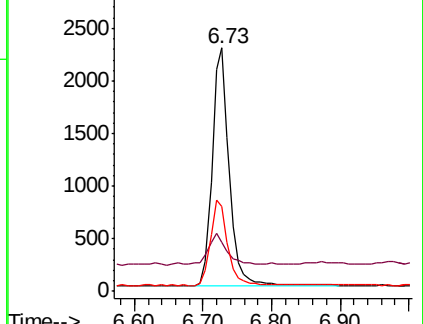
71 35.7 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.478 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

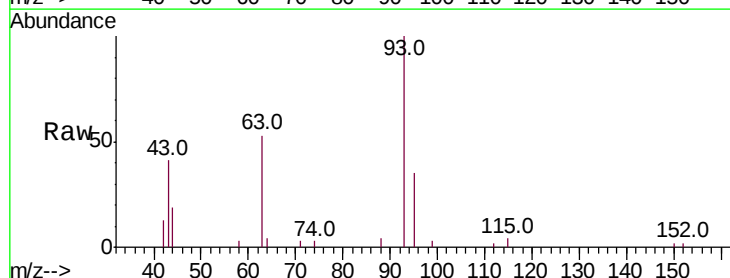
Tgt Ion: 93 Resp: 3741

Ion Ratio Lower Upper

93 100

63 55.5 49.4 74.2

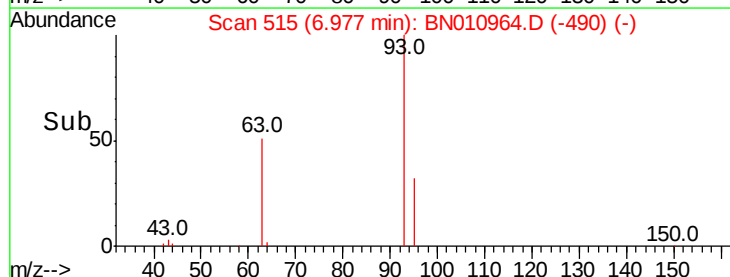
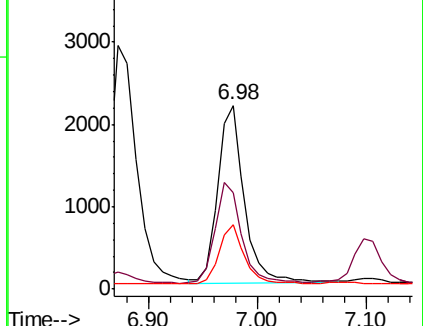
95 31.9 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 11625

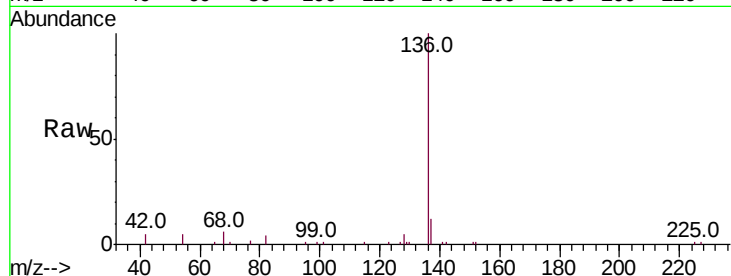
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 4.7 4.9 7.3#

68 5.5 4.7 7.1

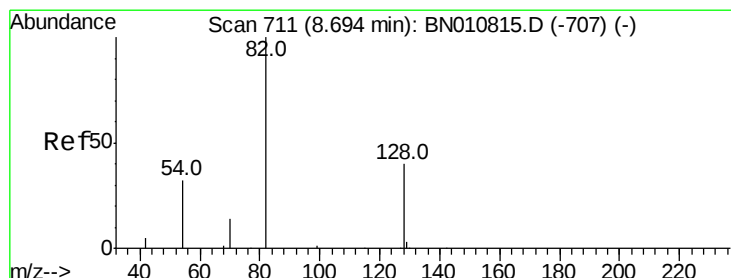
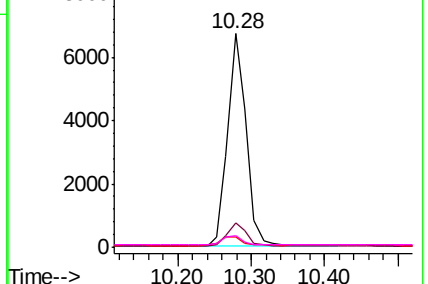
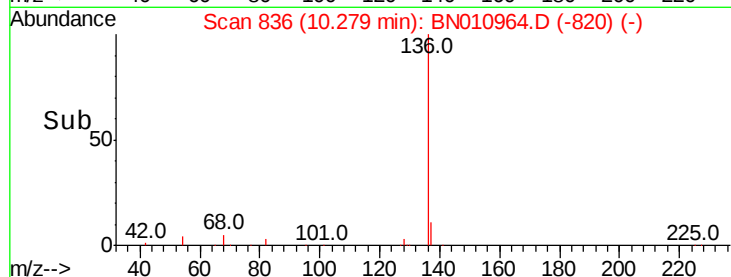


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.446 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

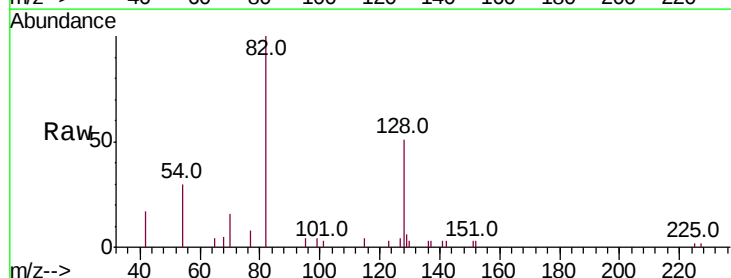
Tgt Ion: 82 Resp: 3836

Ion Ratio Lower Upper

82 100

128 50.9 35.4 53.0

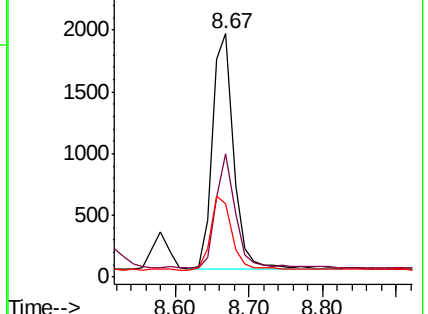
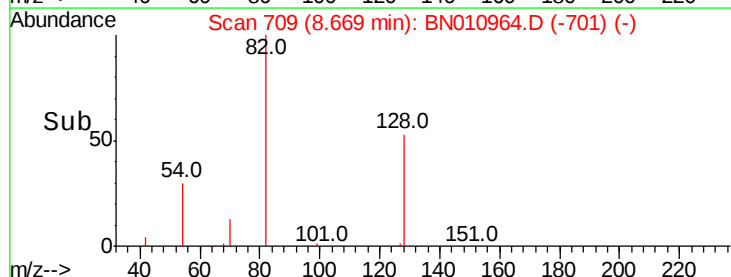
54 30.3 28.2 42.4



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: 0.453 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

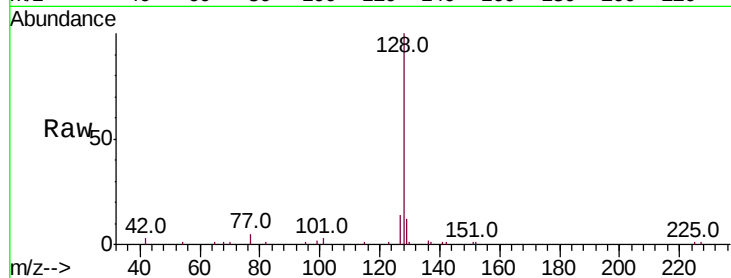
Tot Ion:128 Resp: 13231

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

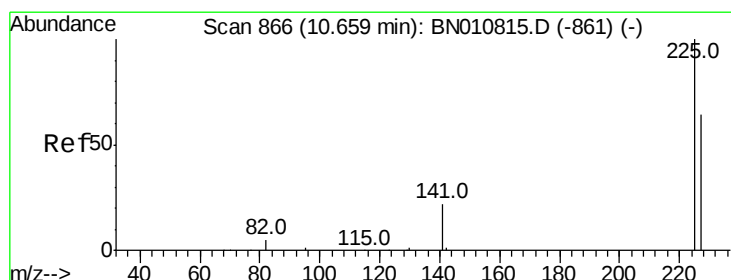
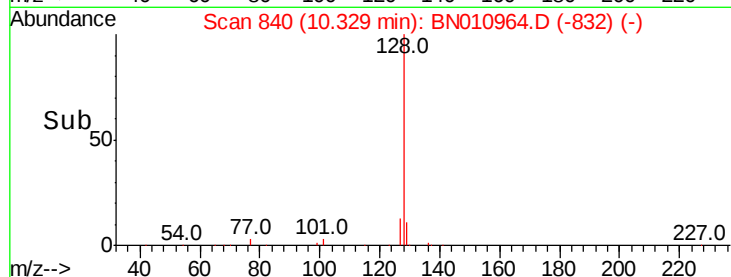
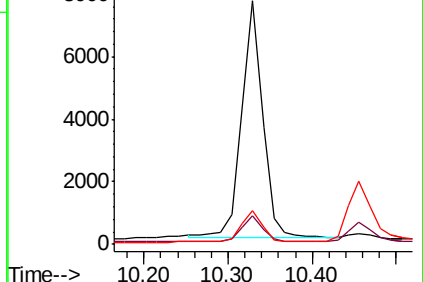
127 13.7 11.4 17.2



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: 0.394 ng

RT: 10.62 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

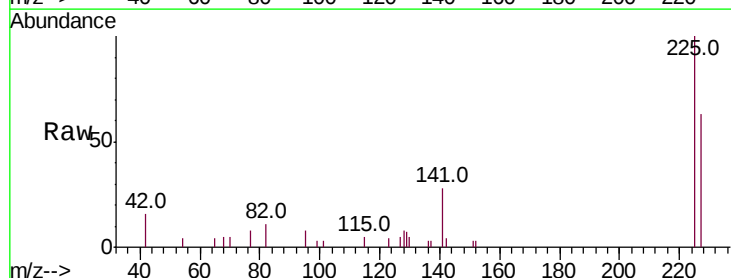
Tgt Ion:225 Resp: 2845

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

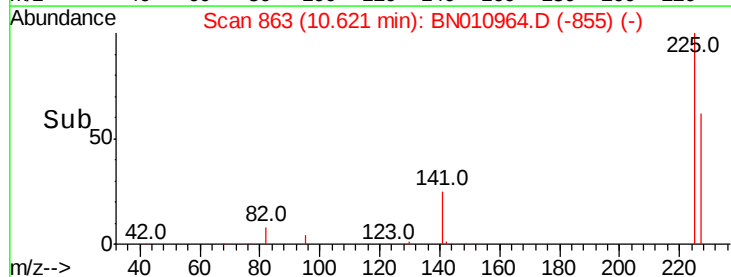
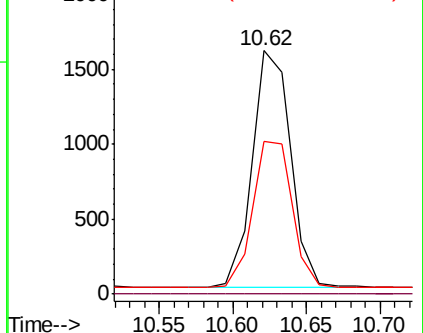
227 64.0 50.5 75.7

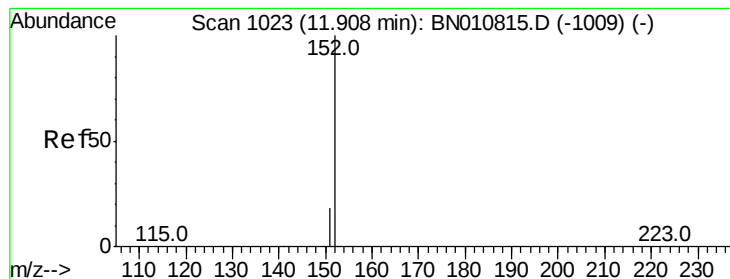


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.434 ng

RT: 11.88 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

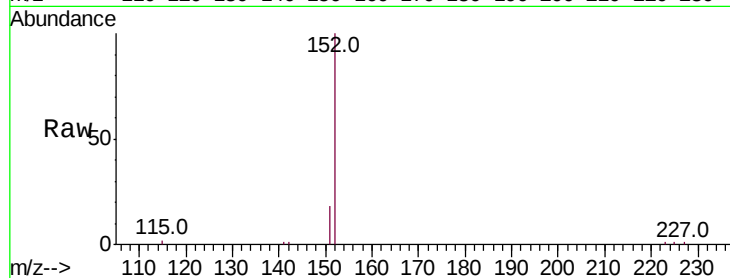
SSTDCCC0.4

Tot Ion:152 Resp: 7827

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.88

5000

4000

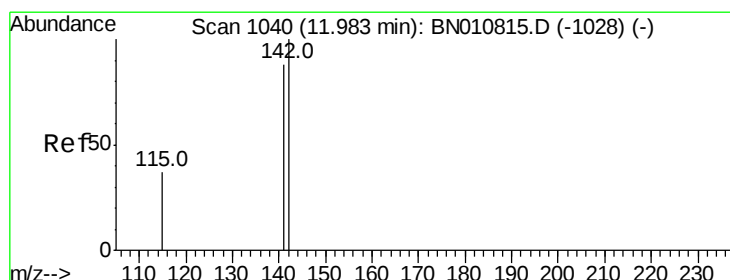
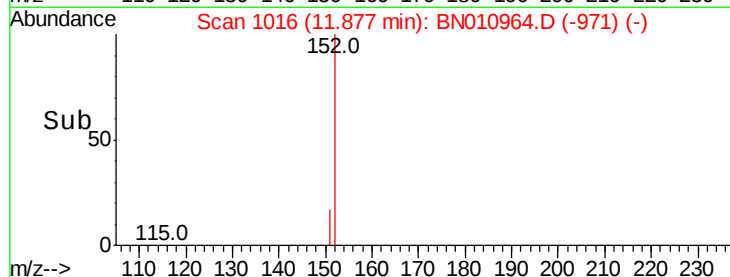
3000

2000

1000

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.436 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

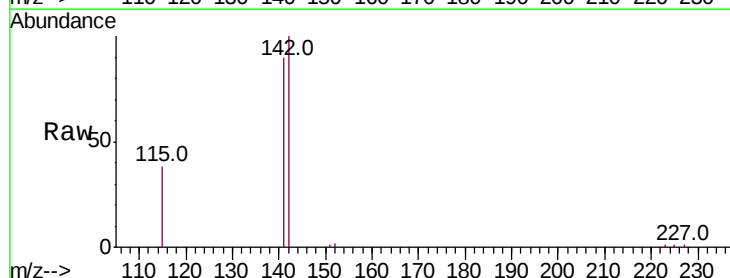
Tgt Ion:142 Resp: 8519

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2

115 38.1 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

11.95

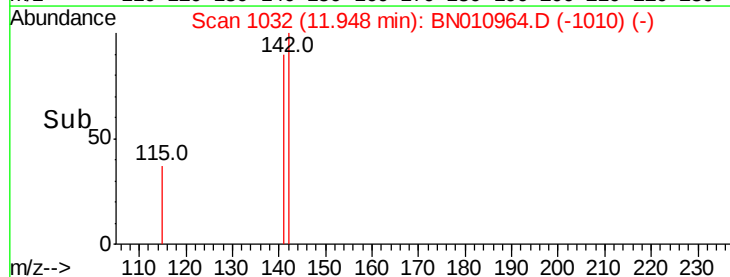
6000

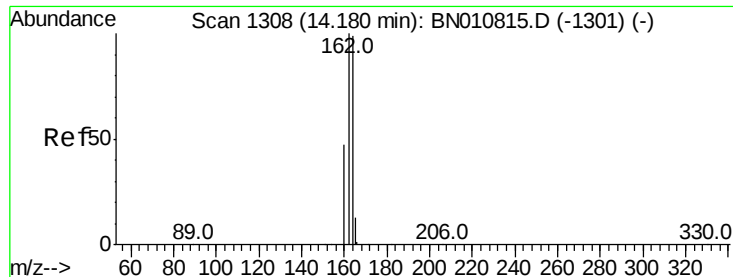
4000

2000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

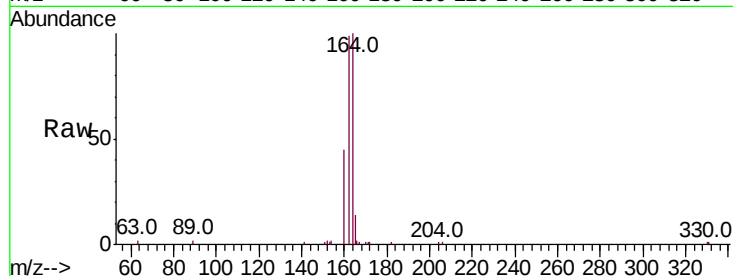
Tot Ion:164 Resp: 6965

Ion Ratio Lower Upper

164 100

162 98.8 81.0 121.6

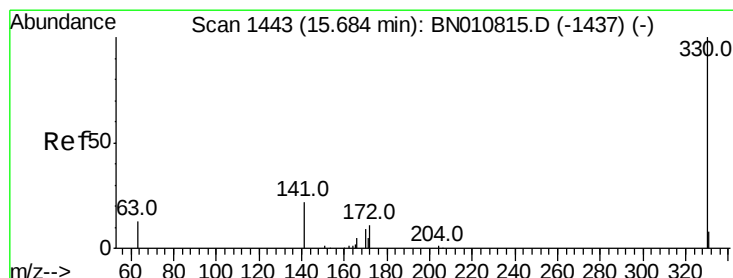
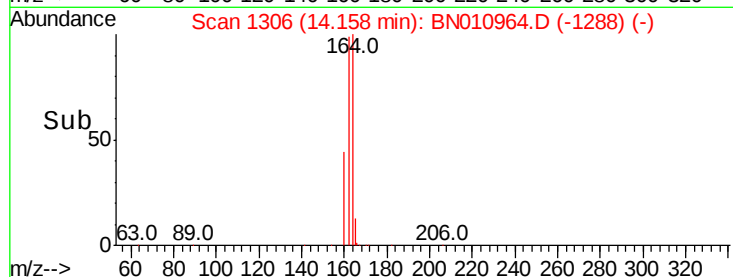
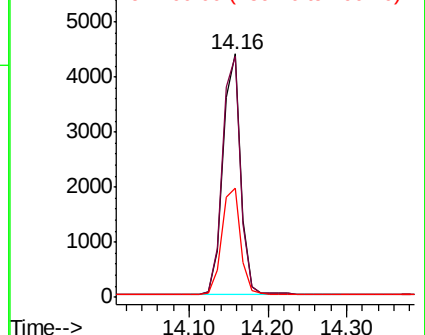
160 44.8 38.9 58.3



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: 0.481 ng

RT: 15.65 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

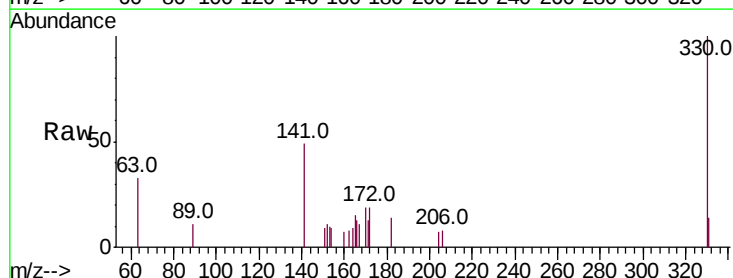
Tgt Ion:330 Resp: 1199

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

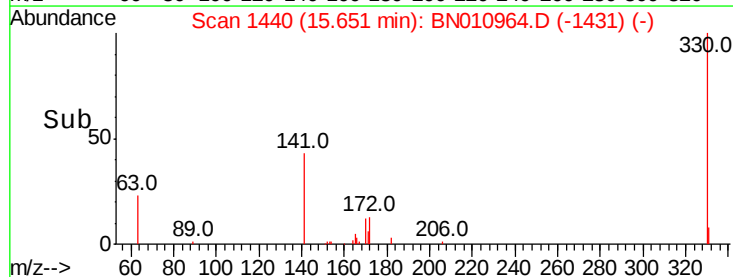
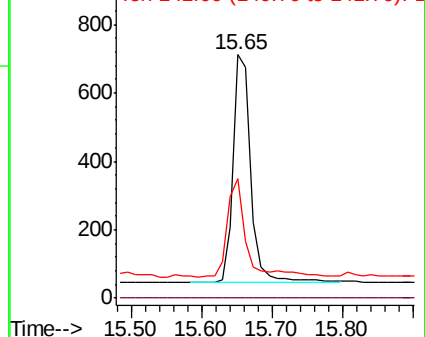
141 40.8 33.2 49.8

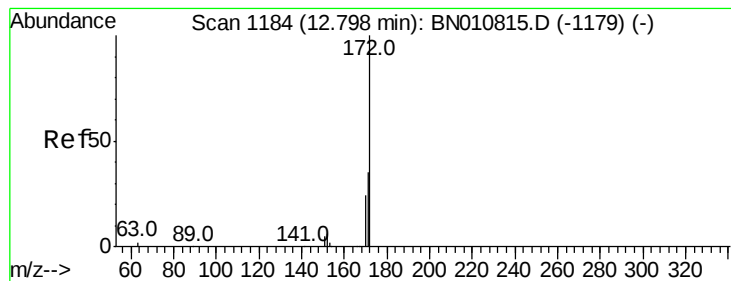


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.426 ng

RT: 12.78 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

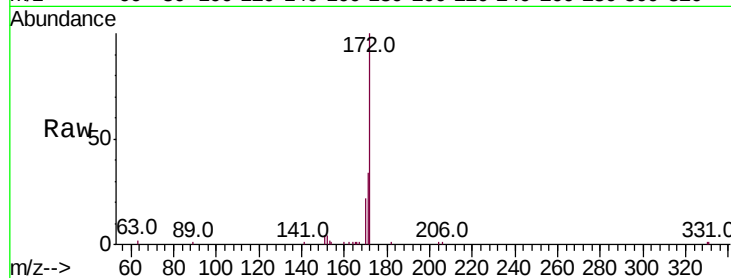
Tot Ion:172 Resp: 11721

Ion Ratio Lower Upper

172 100

171 34.0 28.5 42.7

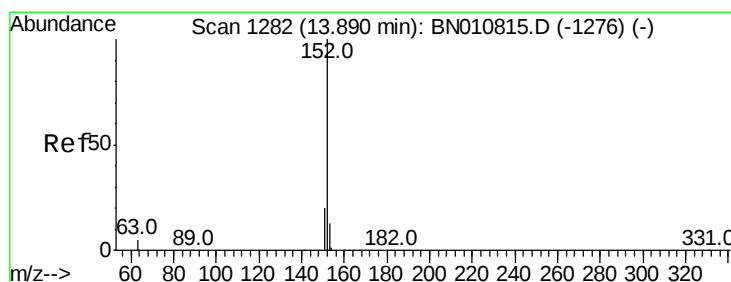
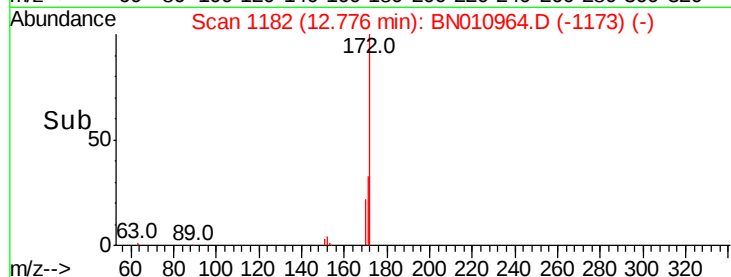
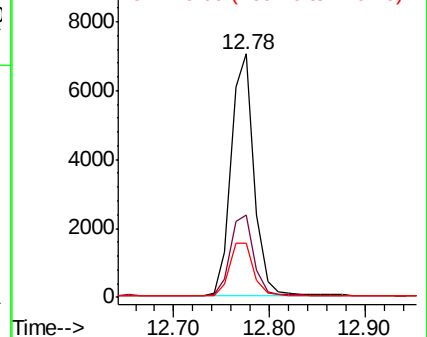
170 22.2 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.432 ng

RT: 13.87 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

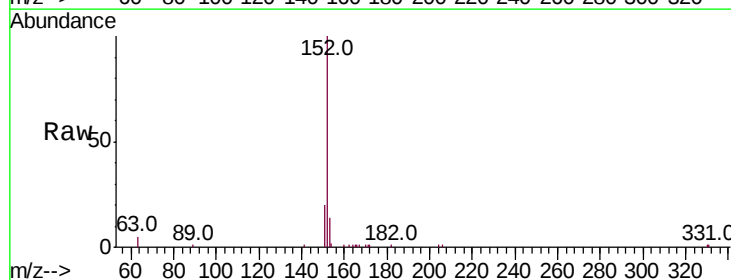
Tgt Ion:152 Resp: 12315

Ion Ratio Lower Upper

152 100

151 19.3 15.6 23.4

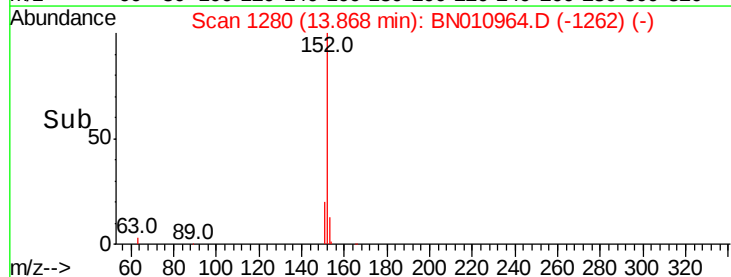
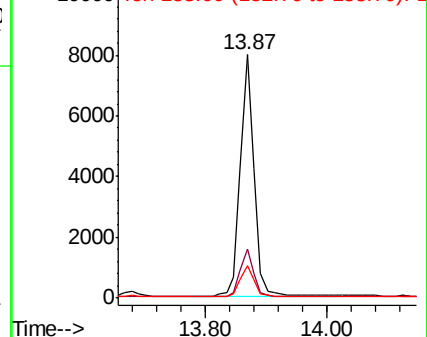
153 13.0 10.6 16.0

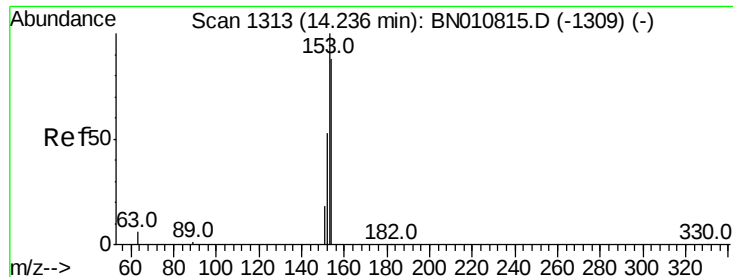


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

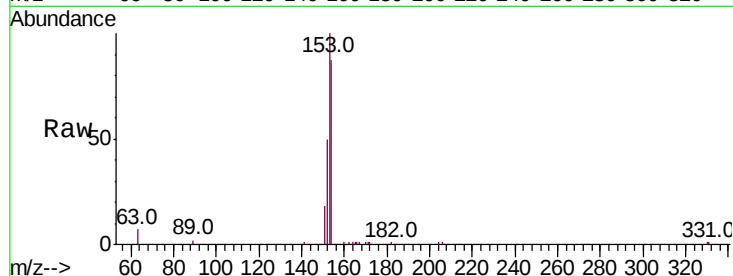
Tot Ion:154 Resp: 7919

Ion Ratio Lower Upper

154 100

153 115.4 91.8 137.6

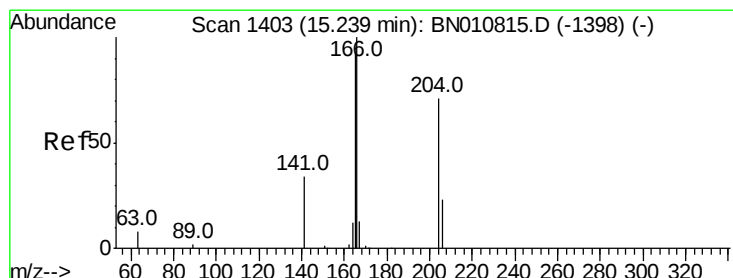
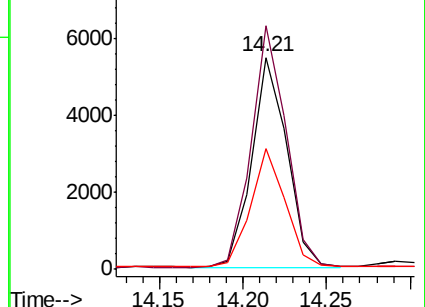
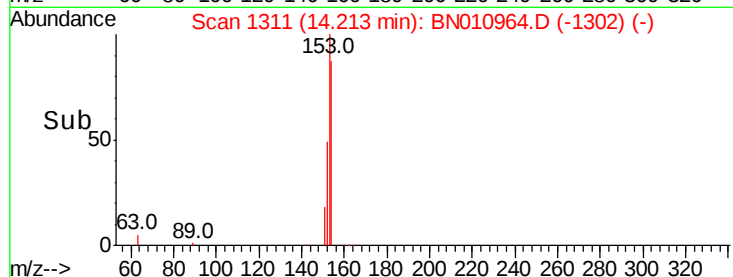
152 56.3 47.6 71.4



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: 0.422 ng

RT: 15.21 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

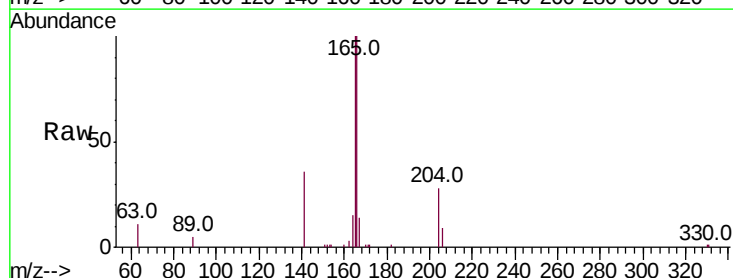
Tgt Ion:166 Resp: 10601

Ion Ratio Lower Upper

166 100

165 97.8 77.2 115.8

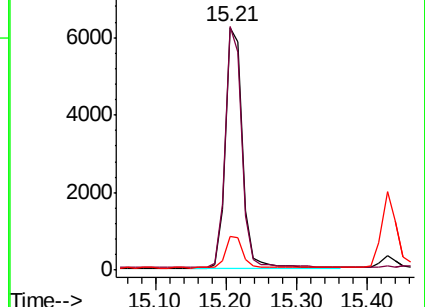
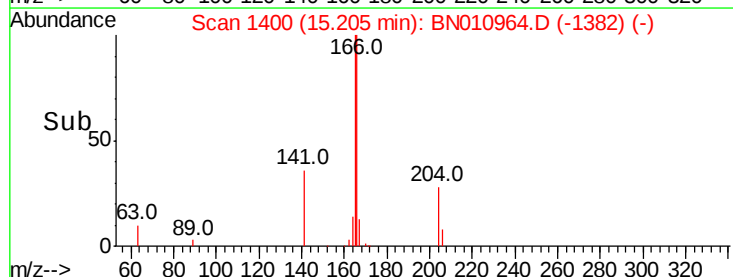
167 13.4 10.7 16.1

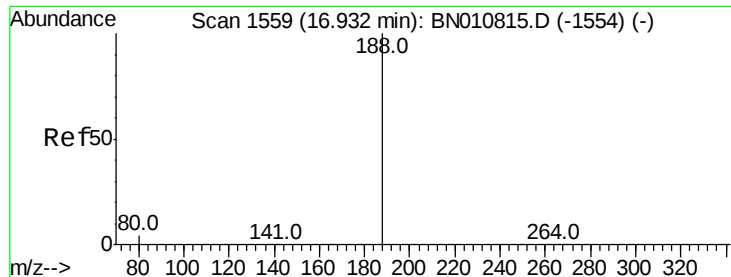


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

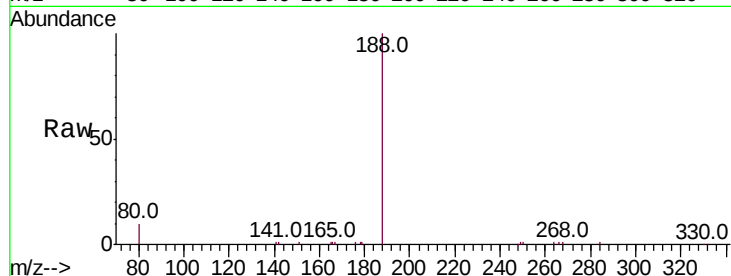
Tot Ion:188 Resp: 14870

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

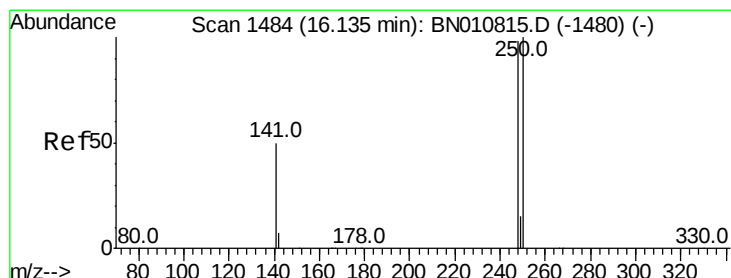
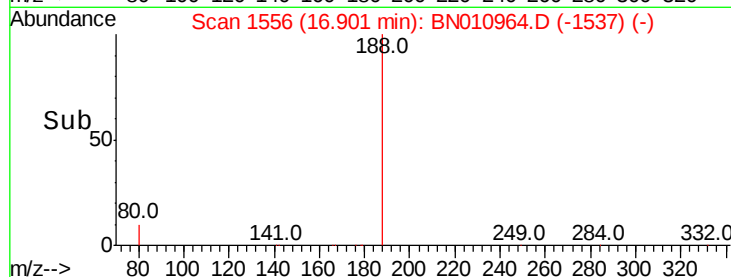
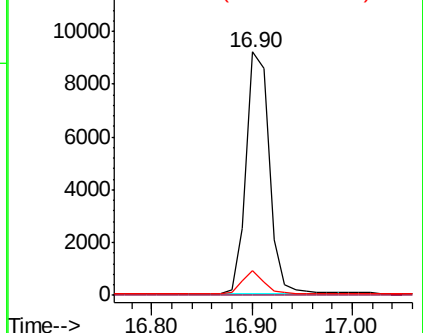
80 10.2 4.5 6.7#



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: 0.404 ng

RT: 16.10 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

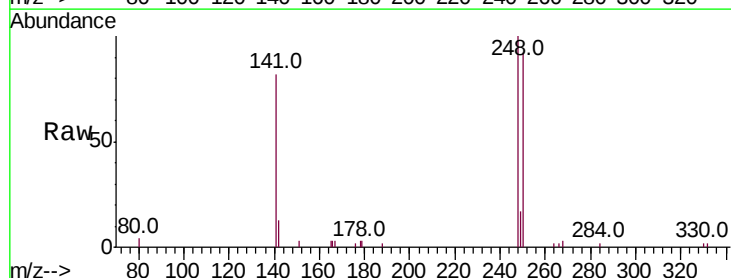
Tgt Ion:248 Resp: 3607

Ion Ratio Lower Upper

248 100

250 91.7 81.8 122.8

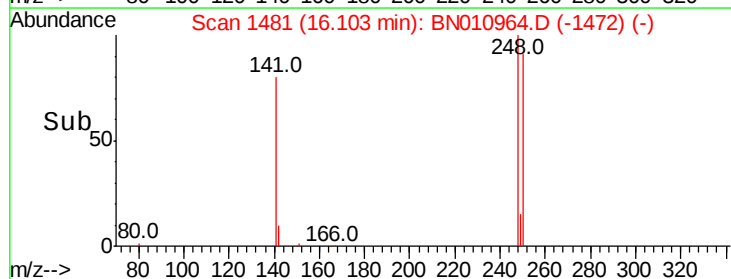
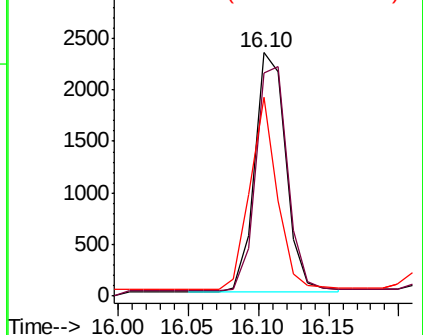
141 81.7 42.6 64.0#

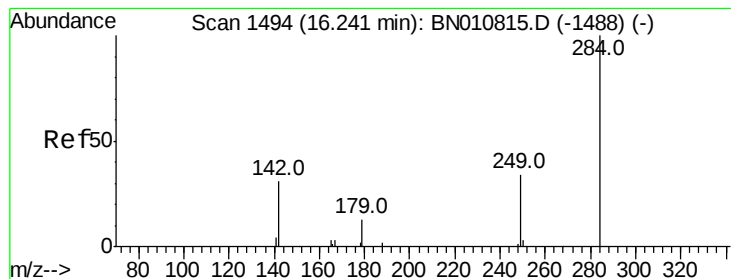


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.388 ng

RT: 16.22 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

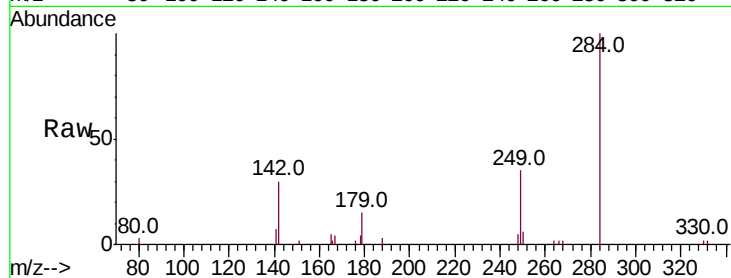
Tot Ion:284 Resp: 3619

Ion Ratio Lower Upper

284 100

142 37.2 31.0 46.4

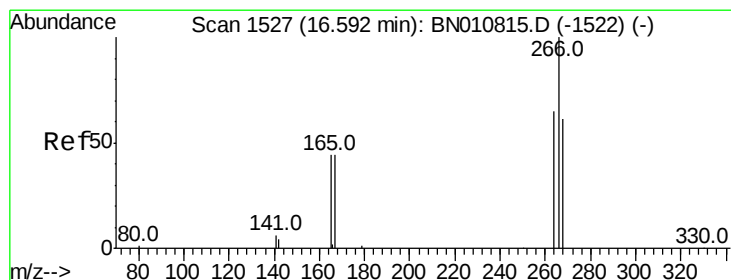
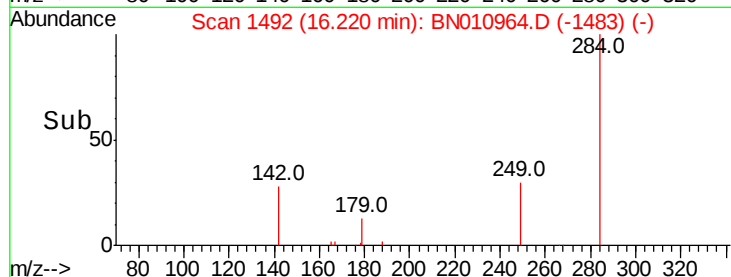
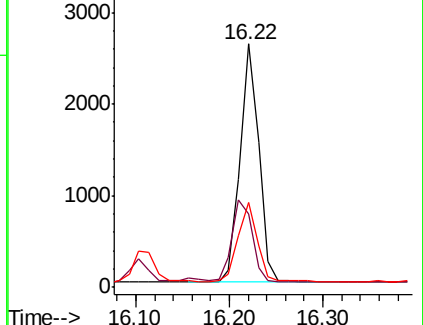
249 33.5 27.1 40.7



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: 0.530 ng

RT: 16.57 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

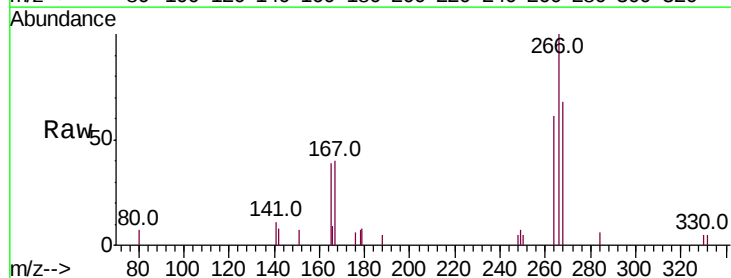
Tgt Ion:266 Resp: 1658

Ion Ratio Lower Upper

266 100

264 61.4 54.8 82.2

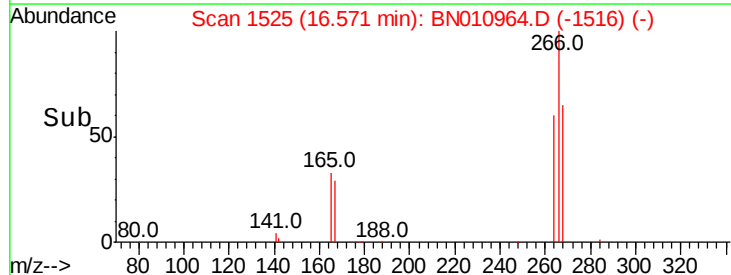
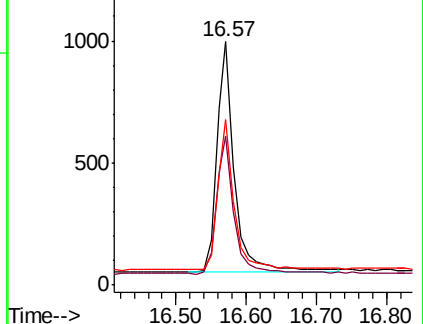
268 68.1 55.9 83.9



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: 0.425 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

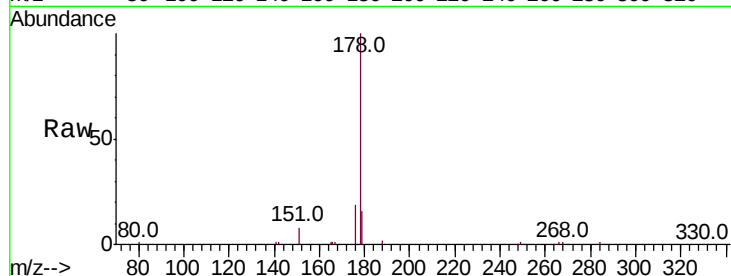
Tot Ion:178 Resp: 17249

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

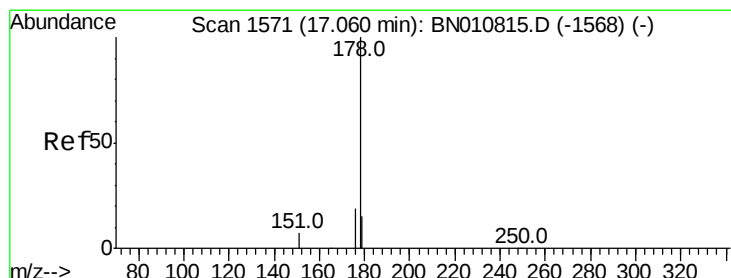
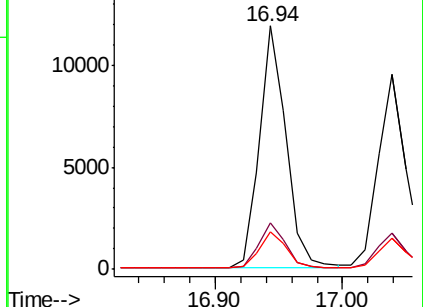
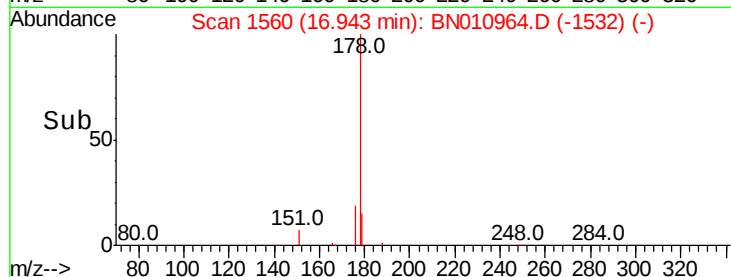
179 15.2 12.6 19.0



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: 0.440 ng

RT: 17.04 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

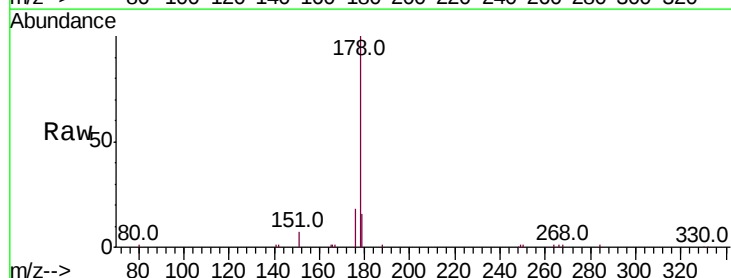
Tgt Ion:178 Resp: 14919

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

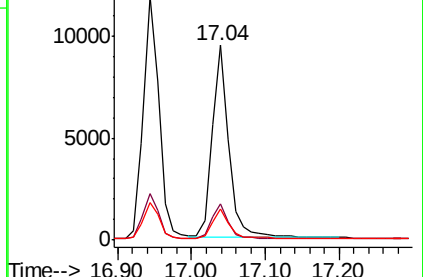
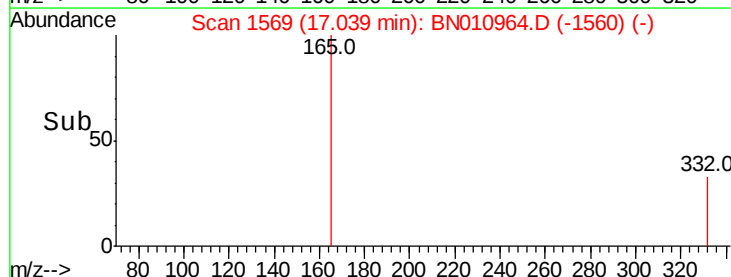
179 15.6 12.3 18.5

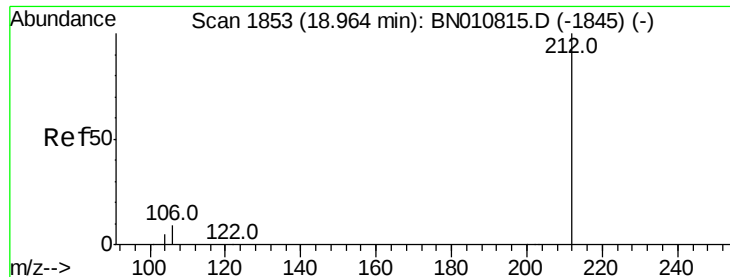


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 18.94 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

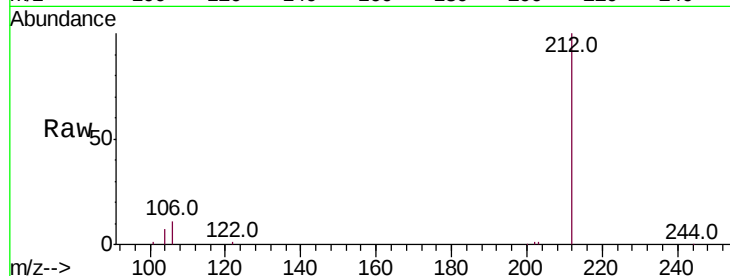
Tot Ion:212 Resp: 17944

Ion Ratio Lower Upper

212 100

106 9.9 6.6 10.0

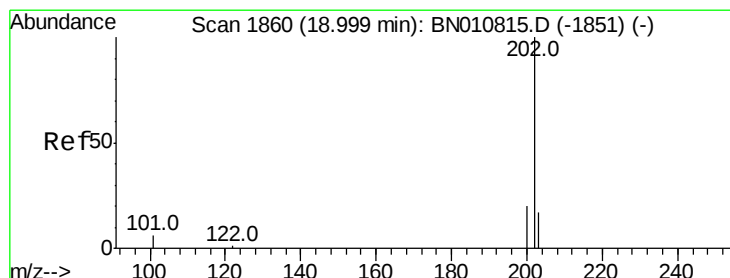
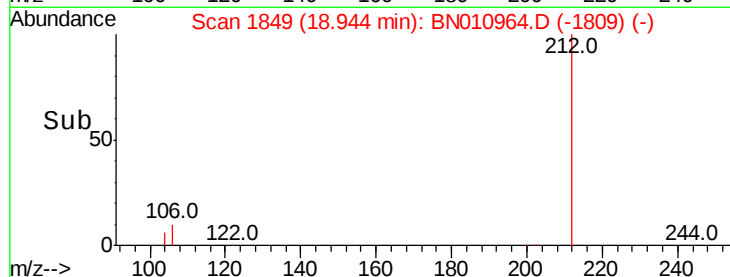
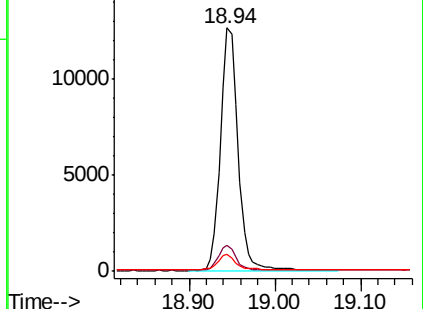
104 6.1 4.0 6.0#



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: 0.435 ng

RT: 18.97 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

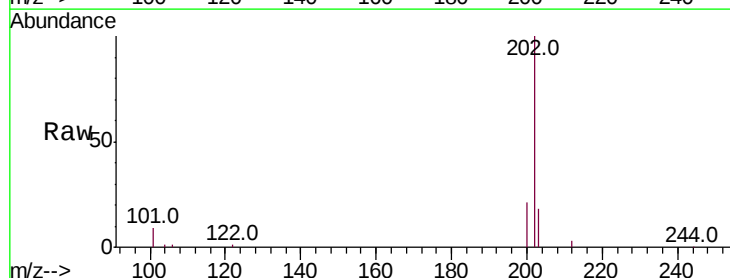
Tgt Ion:202 Resp: 20069

Ion Ratio Lower Upper

202 100

101 8.8 5.8 8.6#

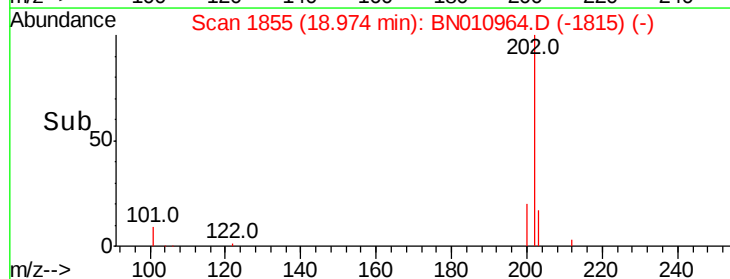
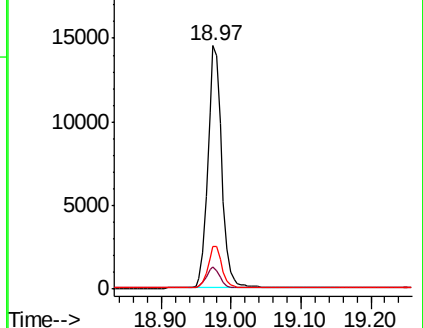
203 17.1 13.7 20.5



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

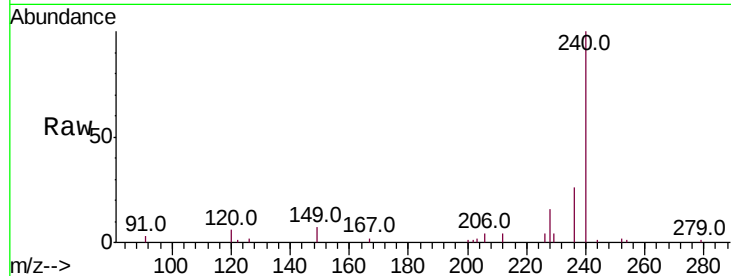




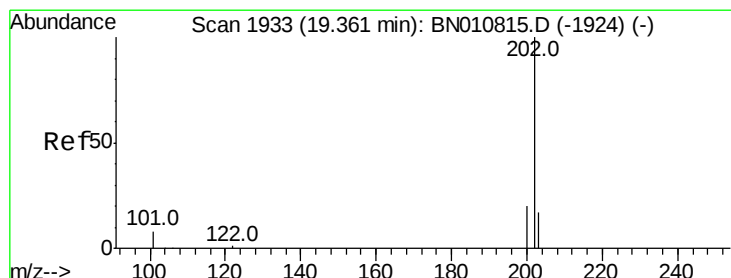
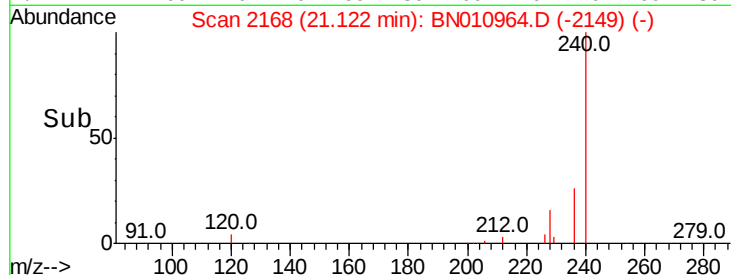
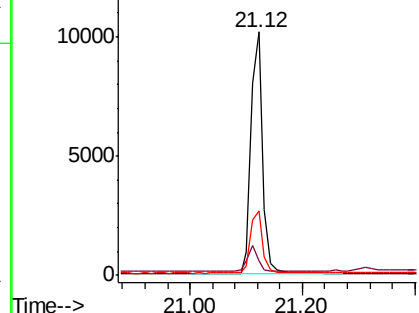
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BN010964.D
 Acq: 19 Jun 2020 11:37

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:240 Resp: 14648
 Ion Ratio Lower Upper
 240 100
 120 6.0 7.5 11.3#
 236 26.4 22.3 33.5

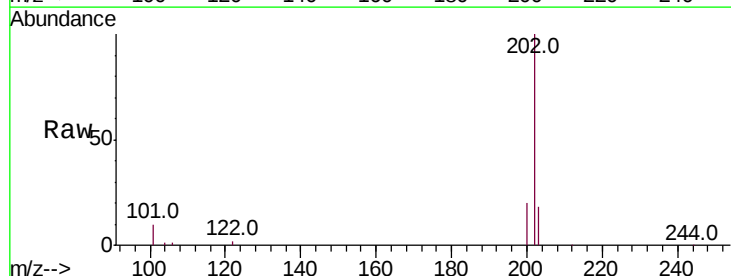


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

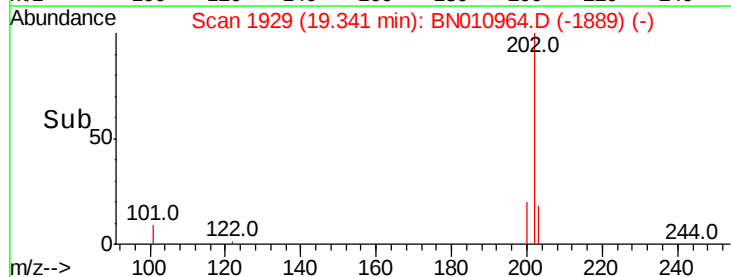
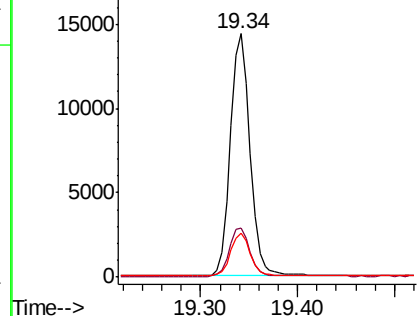


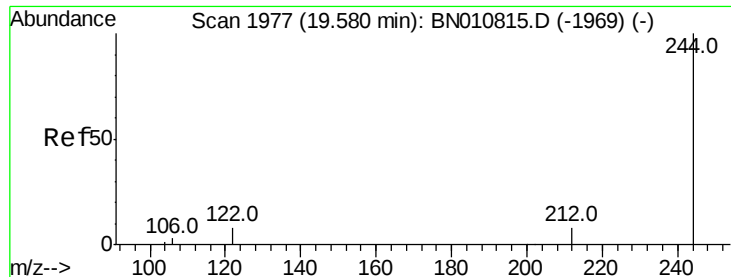
#28
 Pyrene
 Concen: 0.420 ng
 RT: 19.34 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BN010964.D
 Acq: 19 Jun 2020 11:37

Tgt Ion:202 Resp: 20350
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.4 24.6
 203 17.8 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: 0.421 ng

RT: 19.56 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

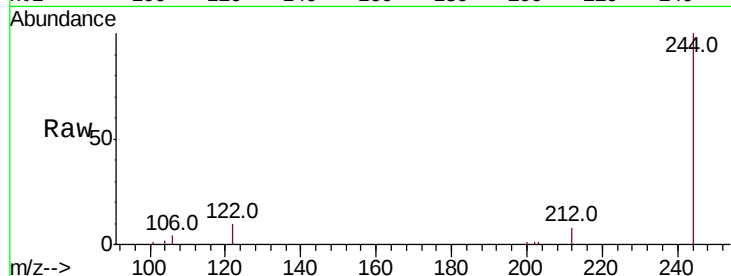
Tot Ion:244 Resp: 14442

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

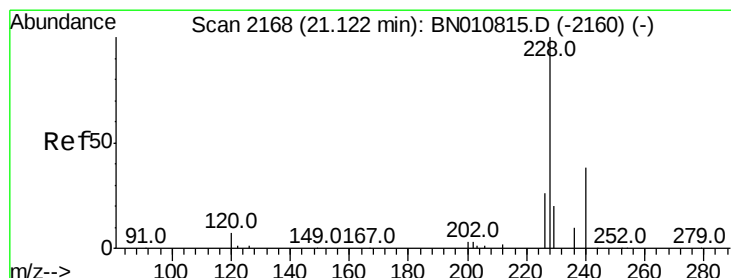
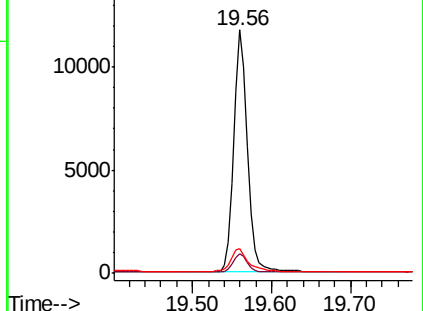
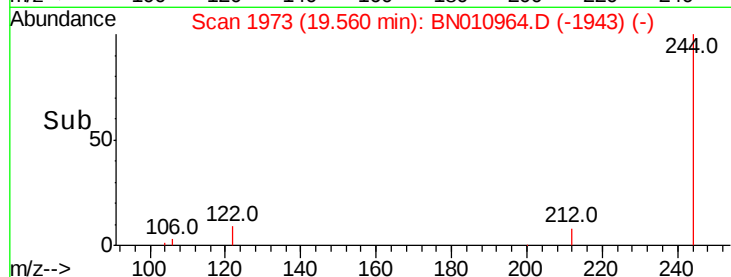
122 10.0 7.5 11.3



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: 0.457 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

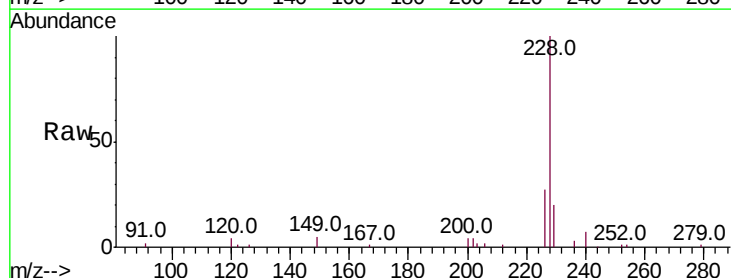
Tgt Ion:228 Resp: 19668

Ion Ratio Lower Upper

228 100

226 27.4 21.3 31.9

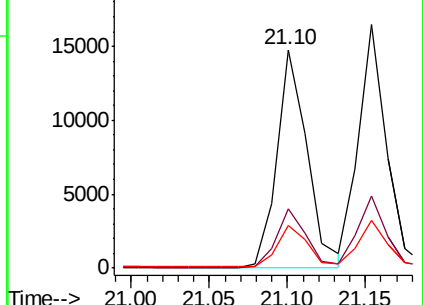
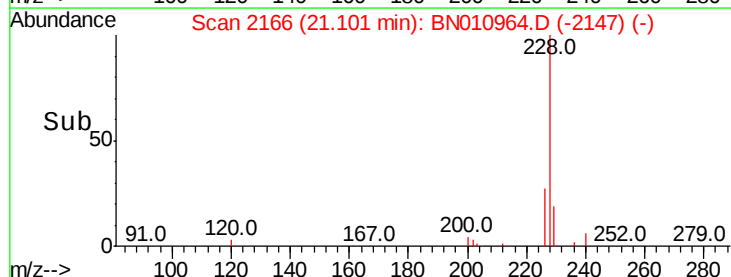
229 19.8 16.6 24.8



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: 0.407 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

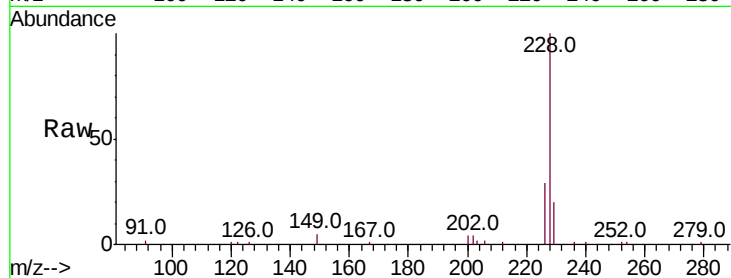
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 20405

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	19.7	16.1	24.1

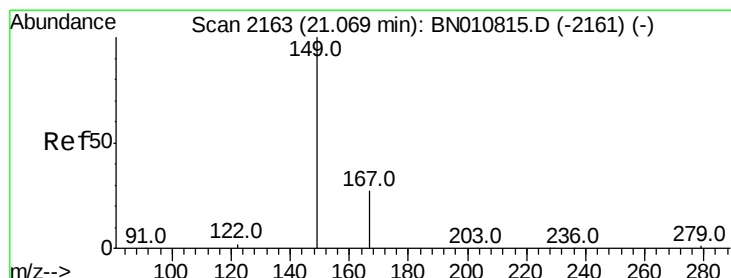
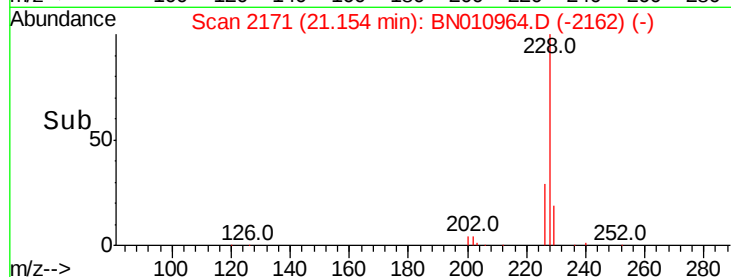
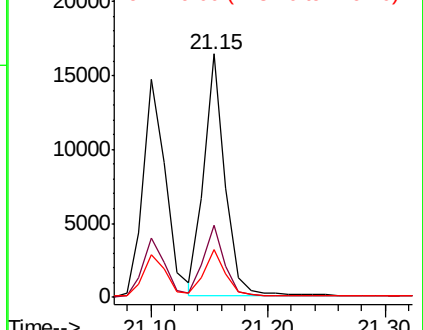


Abundance

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: 0.602 ng

RT: 21.06 min Scan# 2162

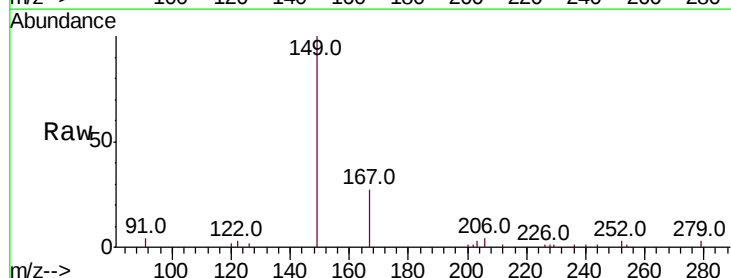
Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Tgt Ion:149 Resp: 8644

Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.1	36.1
279	4.7	4.6	7.0

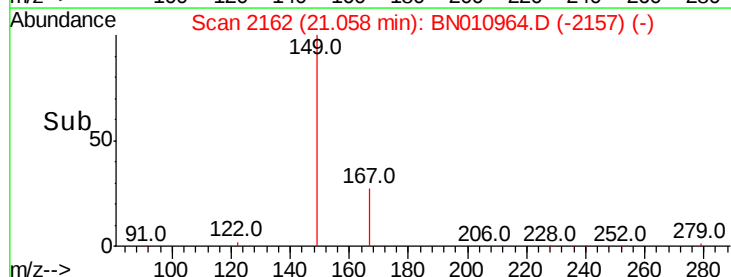
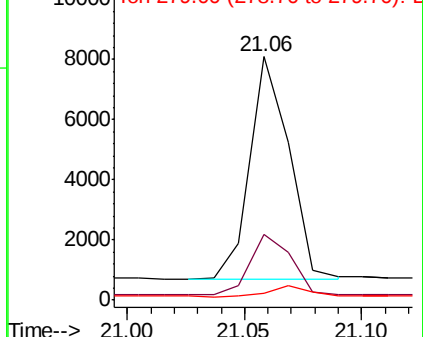


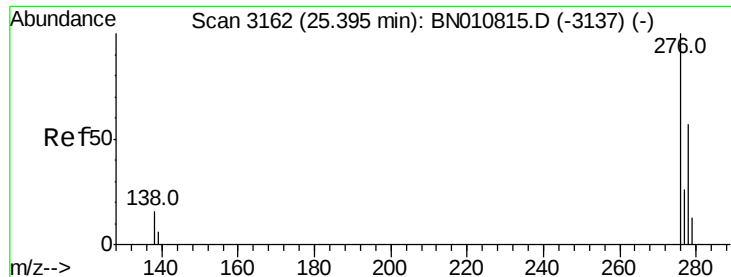
Abundance

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: 0.434 ng

RT: 25.36 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

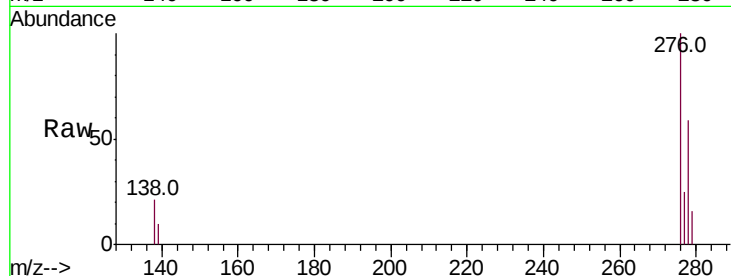
Tot Ion:276 Resp: 24356

Ion Ratio Lower Upper

276 100

138 20.7 13.0 19.6#

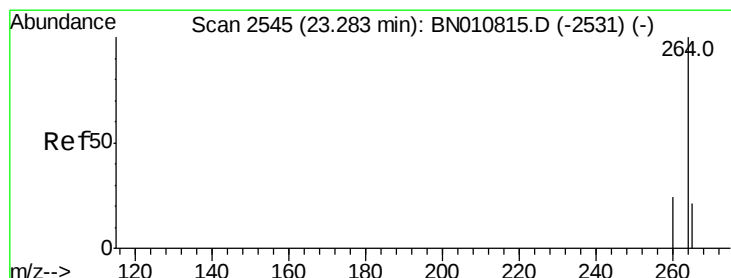
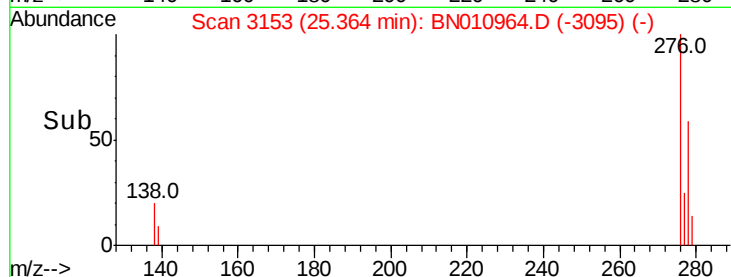
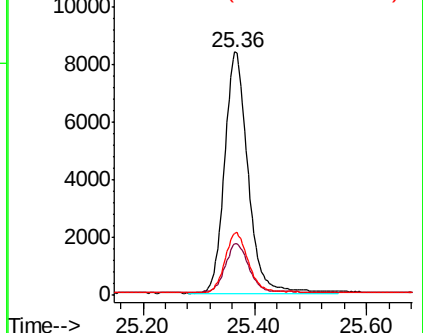
277 24.6 19.7 29.5



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# 2539

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

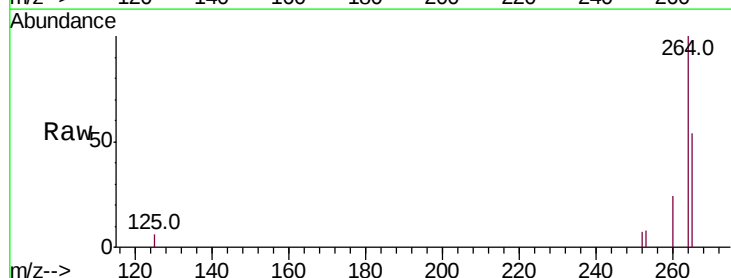
Tgt Ion:264 Resp: 15836

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

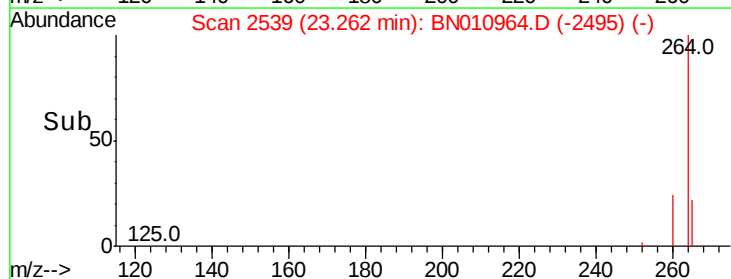
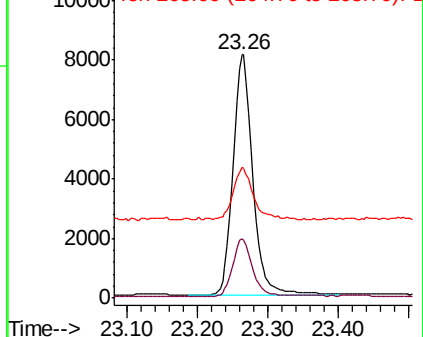
265 53.9 75.0 112.4#



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

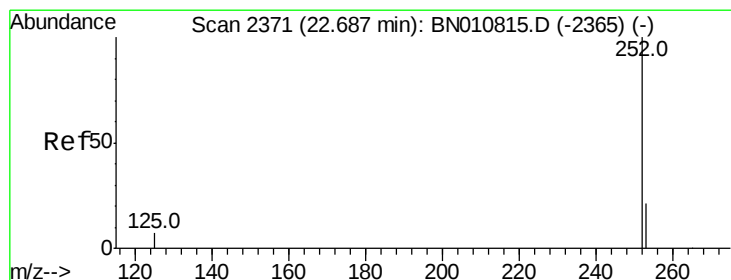
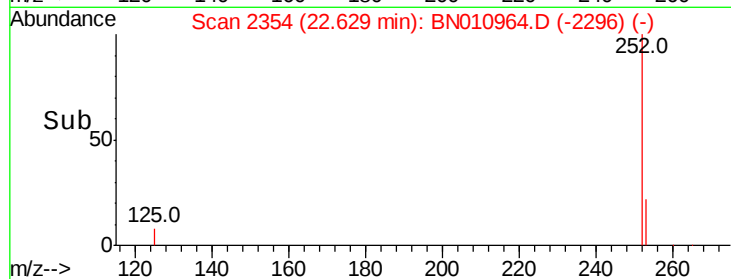
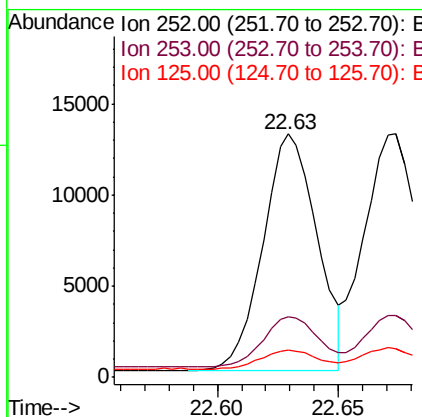
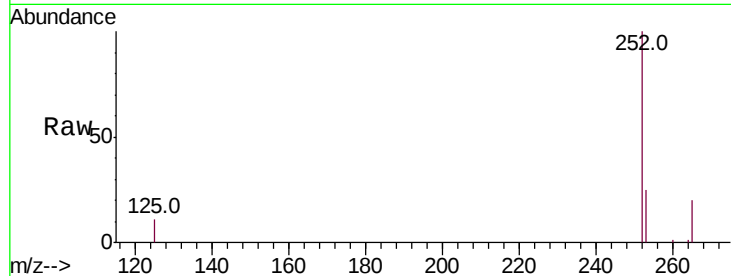




#35
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.63 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BN010964.D
Acq: 19 Jun 2020 11:37

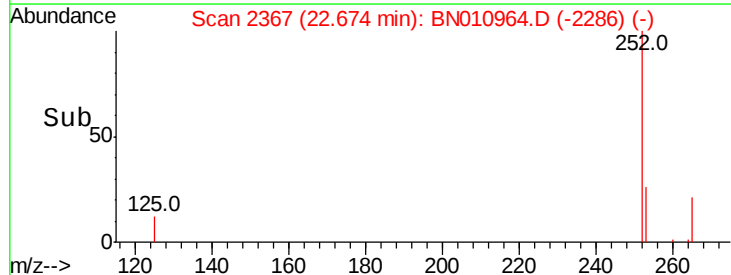
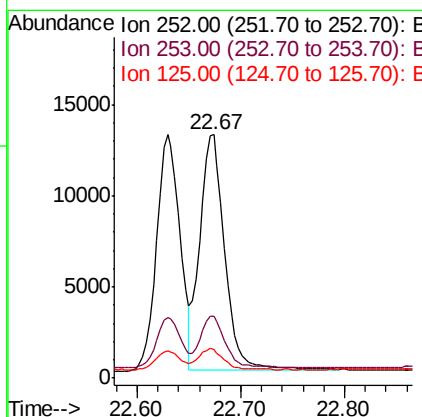
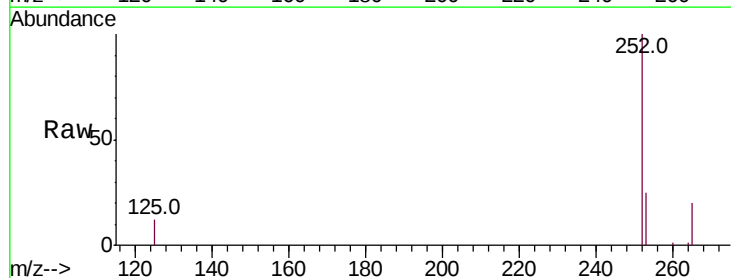
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 20143
Ion Ratio Lower Upper
252 100
253 25.1 22.4 33.6
125 11.3 9.4 14.0



#36
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 22.67 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BN010964.D
Acq: 19 Jun 2020 11:37

Tgt Ion:252 Resp: 21491
Ion Ratio Lower Upper
252 100
253 25.5 22.2 33.4
125 11.6 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.17 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

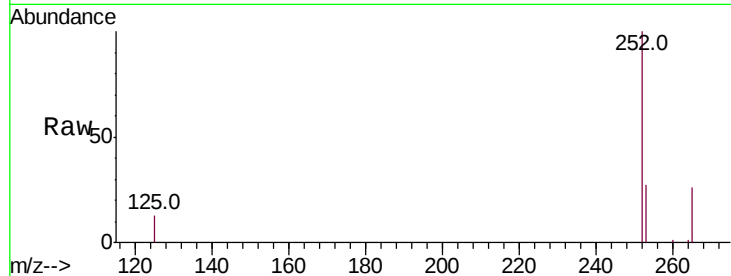
Tot Ion:252 Resp: 18393

Ion Ratio Lower Upper

252 100

253 26.9 25.8 38.8

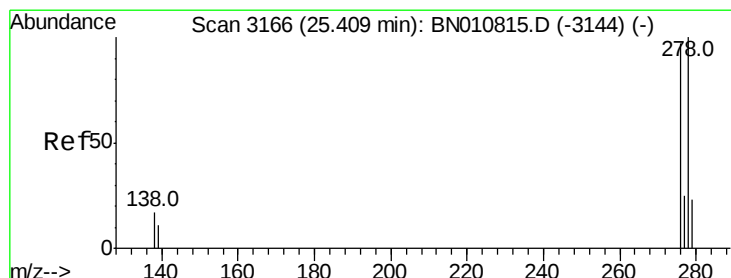
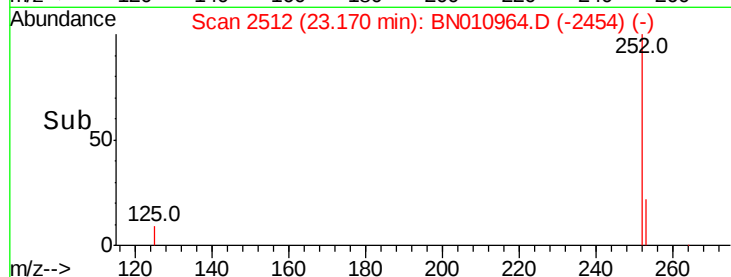
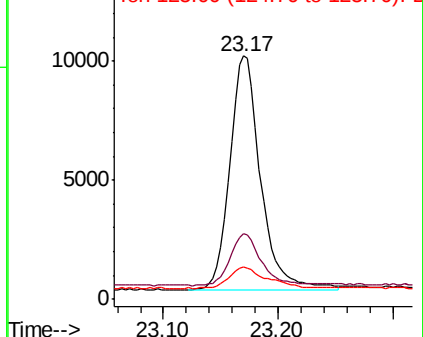
125 13.2 12.4 18.6



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: 0.378 ng

RT: 25.38 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

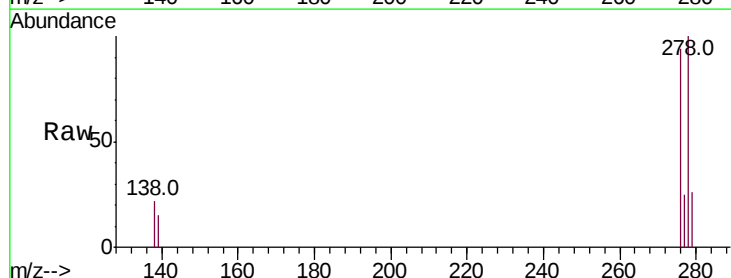
Tgt Ion:278 Resp: 19914

Ion Ratio Lower Upper

278 100

139 15.1 10.6 15.8

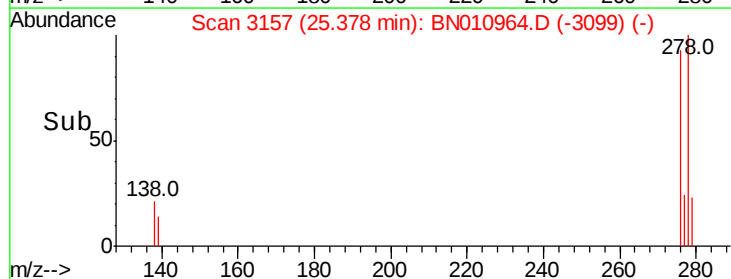
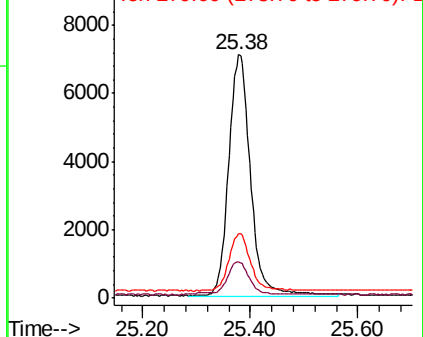
279 26.2 23.6 35.4



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: 0.367 ng

RT: 26.00 min Scan# 3339

Delta R.T. 0.00 min

Lab File: BN010964.D

Acq: 19 Jun 2020 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

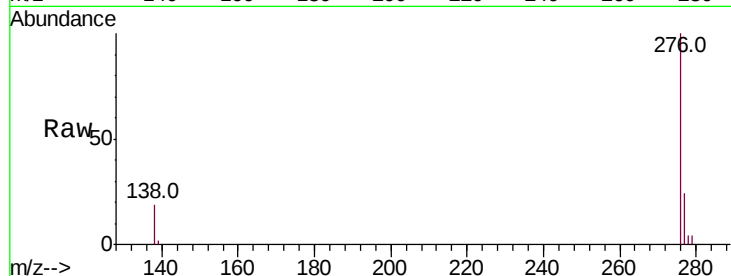
Tot Ion:276 Resp: 20205

Ion Ratio Lower Upper

276 100

277 24.2 20.5 30.7

138 19.0 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

