

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\
 Data File : BN010952.D
 Acq On : 17 Jun 2020 21:58
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 17 22:32:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2718	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	9126	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	5074	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	10498	0.40	ng	0.00
27) Chrysene-d12	21.12	240	10012	0.40	ng	0.00
34) Perylene-d12	23.26	264	10359	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2423	0.46	ng	0.00
5) Phenol-d6	6.74	99	3048	0.49	ng	0.00
8) Nitrobenzene-d5	8.67	82	2896	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.89	152	6434	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	720	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	8427	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	13360	0.46	ng	0.00
29) Terphenyl-d14	19.57	244	9609	0.41	ng	0.00

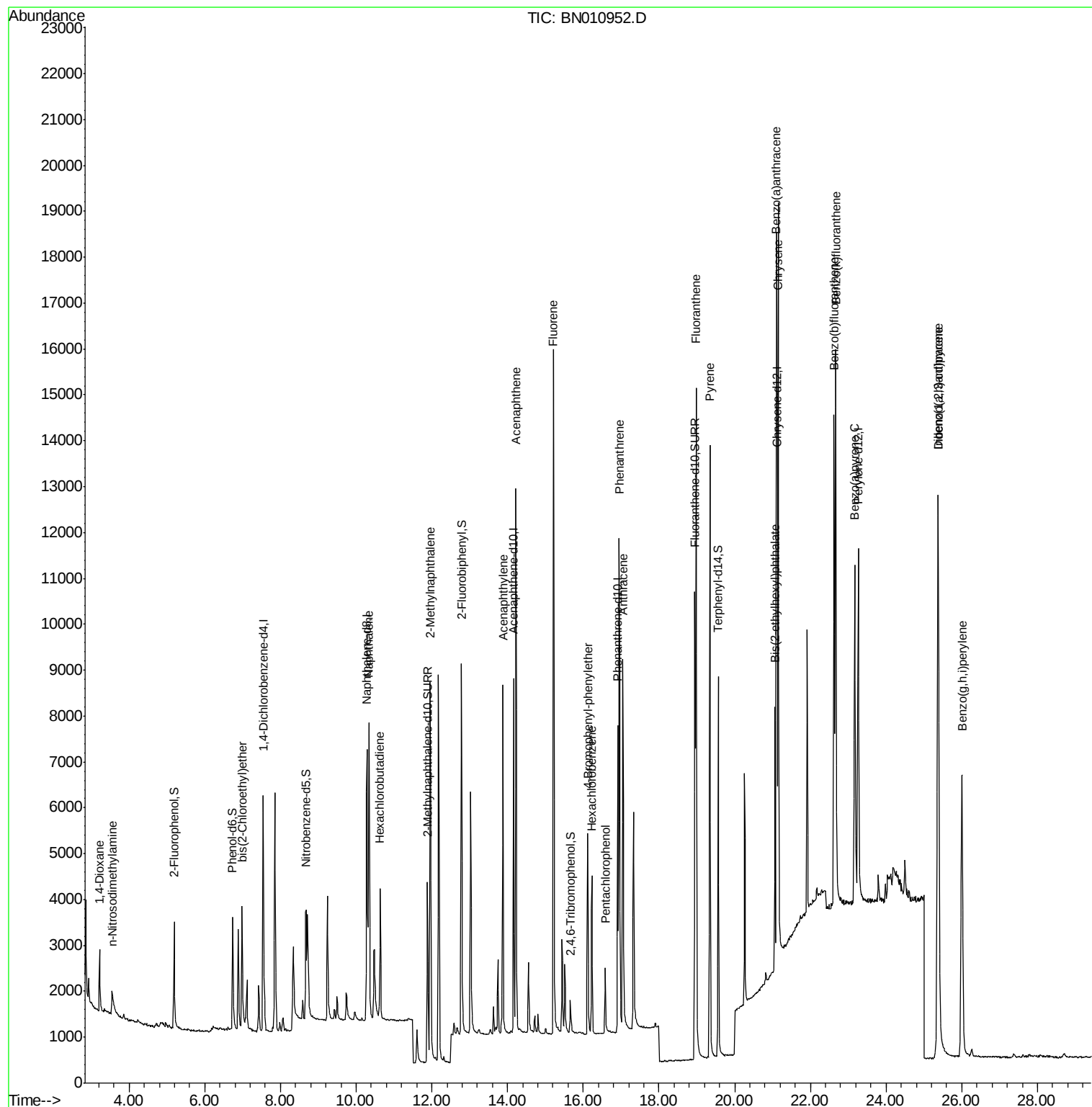
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1175	0.441	ng	98
3) n-Nitrosodimethylamine	3.55	42	650	0.420	ng	# 96
6) bis(2-Chloroethyl)ether	6.99	93	2835	0.470	ng	94
9) Naphthalene	10.33	128	9866	0.430	ng	100
10) Hexachlorobutadiene	10.63	225	2247	0.396	ng	# 99
12) 2-Methylnaphthalene	11.96	142	7047	0.459	ng	98
16) Acenaphthylene	13.87	152	8795	0.423	ng	99
17) Acenaphthene	14.22	154	5939	0.419	ng	99
18) Fluorene	15.21	166	7630	0.417	ng	99
20) 4-Bromophenyl-phenylether	16.12	248	2576	0.408	ng	98
21) Hexachlorobenzene	16.23	284	2717	0.413	ng	99
22) Pentachlorophenol	16.58	266	895	0.405	ng	96
23) Phenanthrene	16.95	178	12062	0.421	ng	99
24) Anthracene	17.05	178	9984	0.417	ng	98
26) Fluoranthene	18.98	202	14957	0.460	ng	99
28) Pyrene	19.34	202	13641	0.412	ng	99
30) Benzo(a)anthracene	21.10	228	12474	0.424	ng	99
31) Chrysene	21.16	228	13967	0.407	ng	97
32) Bis(2-ethylhexyl)phthalate	21.06	149	4521	0.461	ng	97
33) Indeno(1,2,3-cd)pyrene	25.37	276	16614	0.434	ng	# 96
35) Benzo(b)fluoranthene	22.63	252	13463	0.382	ng	97
36) Benzo(k)fluoranthene	22.67	252	15540	0.414	ng	97
37) Benzo(a)pyrene	23.17	252	12137	0.402	ng	96
38) Dibenzo(a,h)anthracene	25.38	278	13213	0.383	ng	97
39) Benzo(g,h,i)perylene	26.01	276	13766	0.382	ng	99

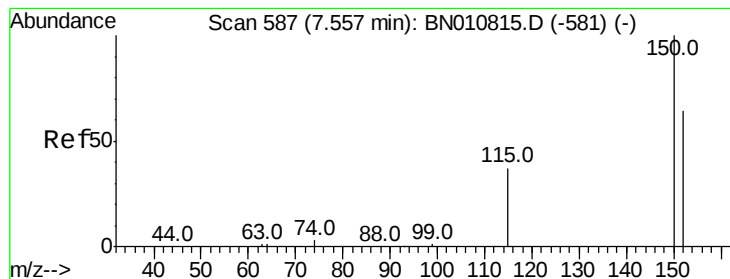
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

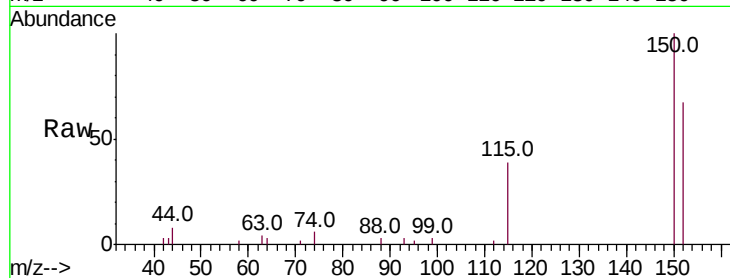
Tot Ion:152 Resp: 2718

Ion Ratio Lower Upper

152 100

150 149.3 123.8 185.6

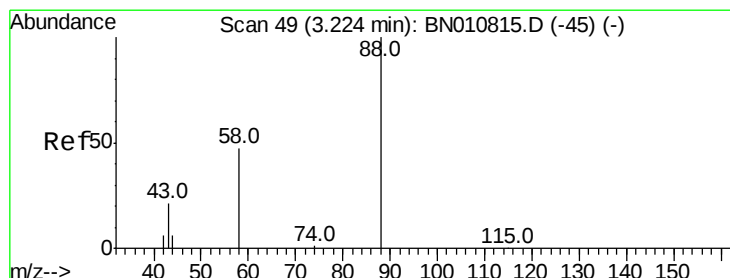
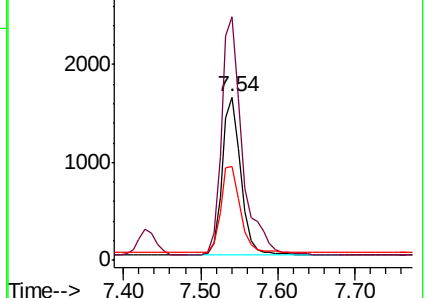
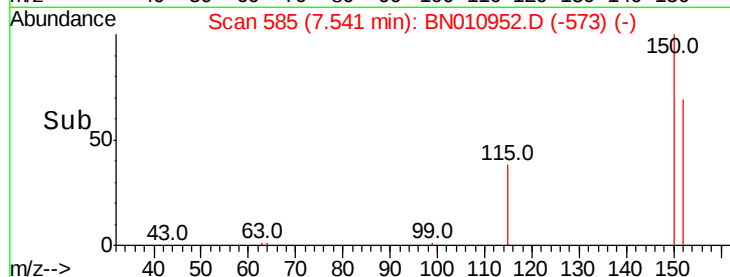
115 57.5 49.2 73.8



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: 0.441 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

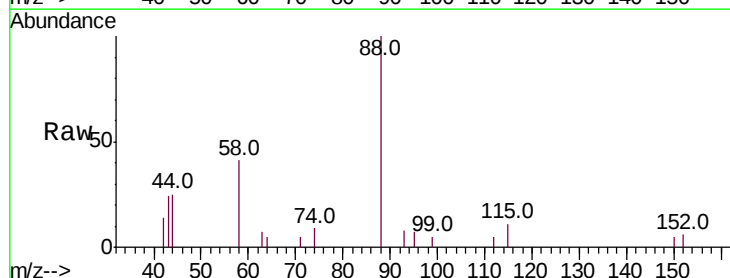
Tgt Ion: 88 Resp: 1175

Ion Ratio Lower Upper

88 100

58 49.2 38.2 57.4

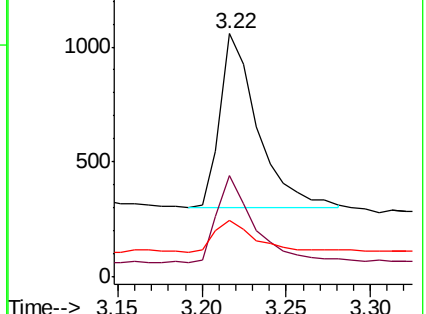
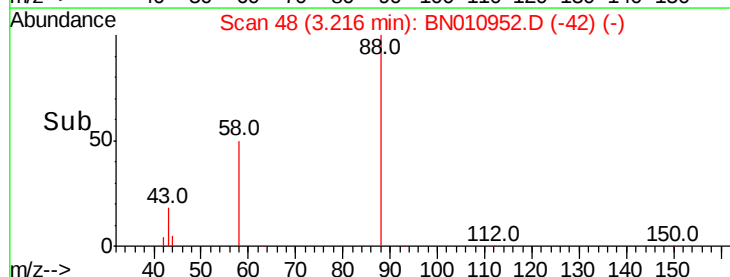
43 19.4 15.1 22.7



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: 0.420 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.02 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

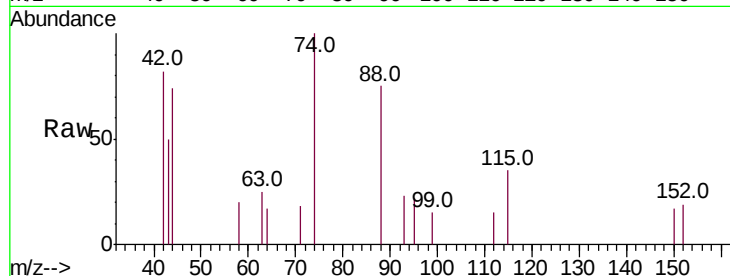
Tot Ion: 42 Resp: 650

Ion Ratio Lower Upper

42 100

74 170.3 140.7 211.1

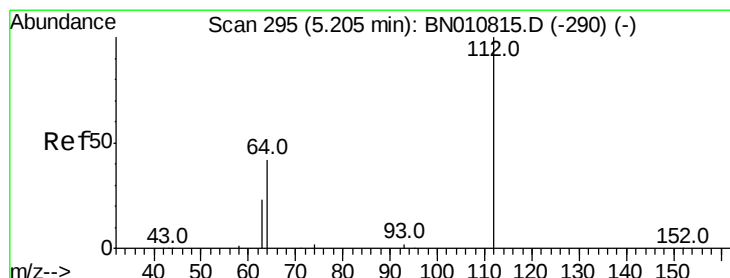
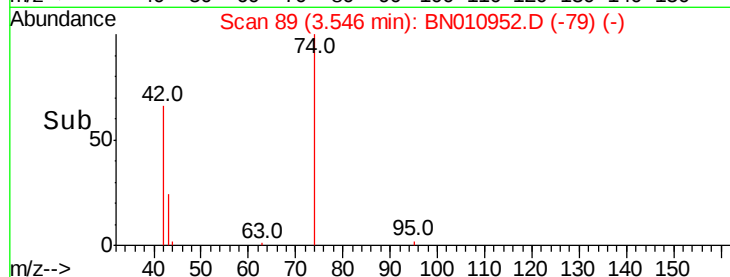
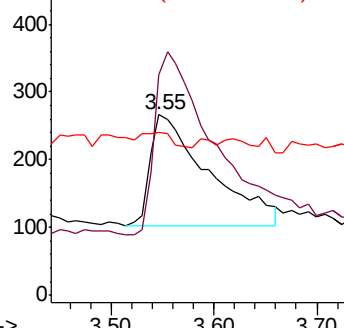
44 7.5 1.4 2.2#



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: 0.462 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

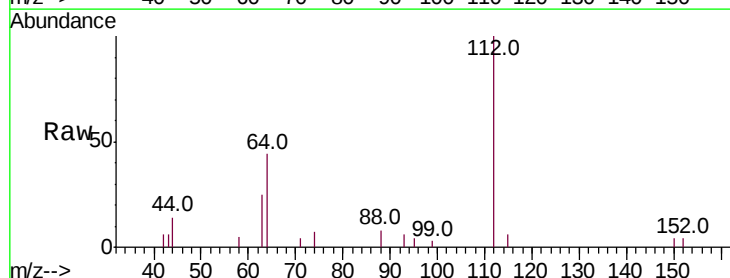
Tgt Ion: 112 Resp: 2423

Ion Ratio Lower Upper

112 100

64 44.3 37.4 56.0

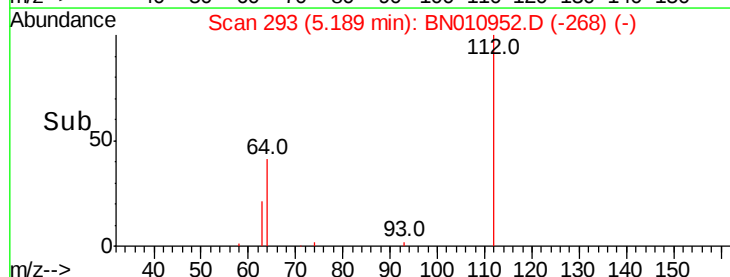
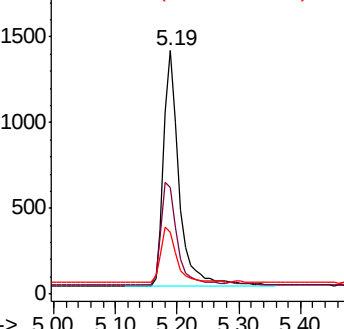
63 23.5 22.2 33.4

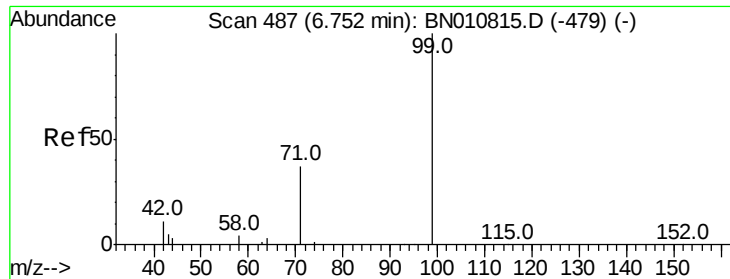


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.493 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

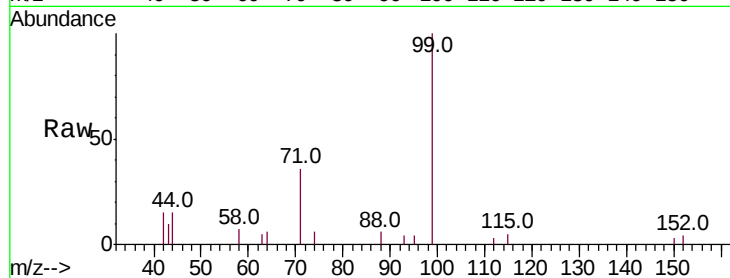
Tot Ion: 99 Resp: 3048

Ion Ratio Lower Upper

99 100

42 13.2 11.1 16.7

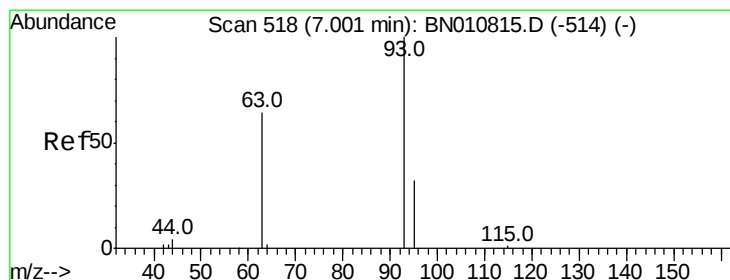
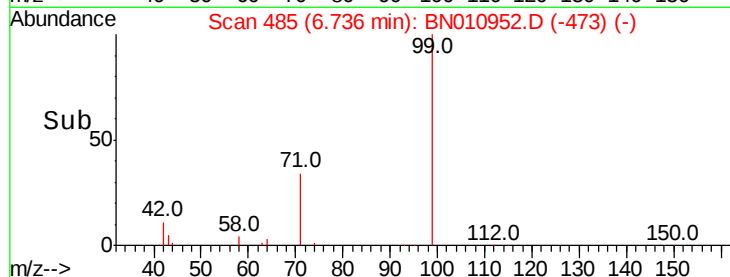
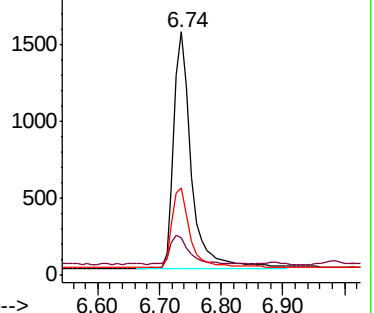
71 35.5 31.4 47.2



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: 0.470 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

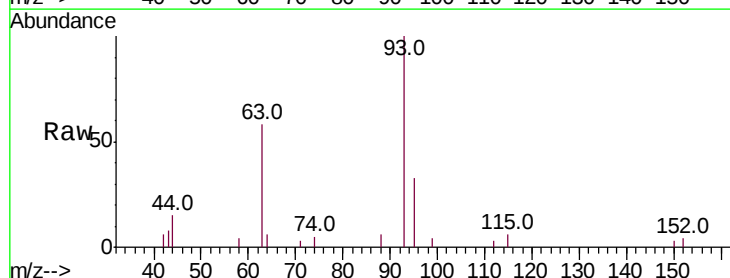
Tgt Ion: 93 Resp: 2835

Ion Ratio Lower Upper

93 100

63 55.8 49.4 74.2

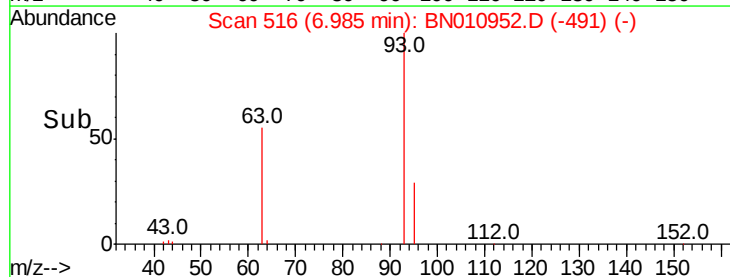
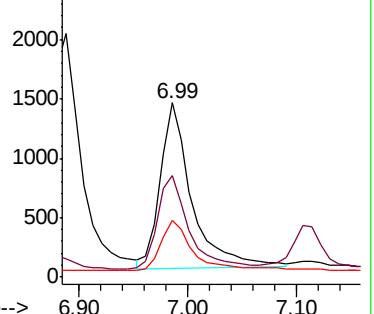
95 32.0 26.7 40.1

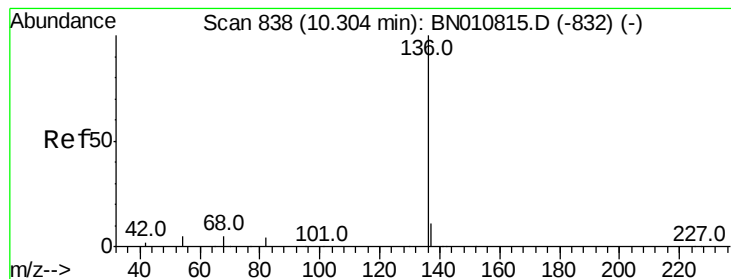


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

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: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9126

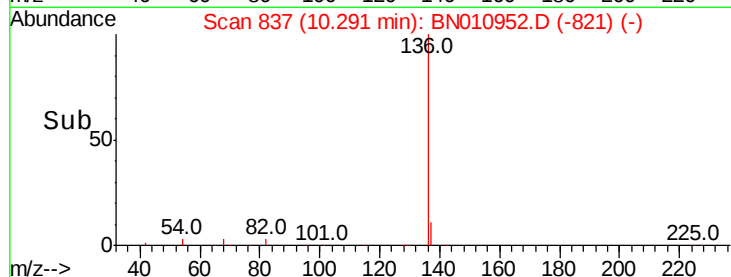
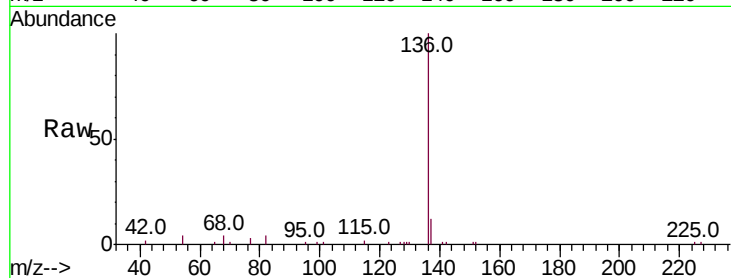
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 3.7 4.9 7.3#

68 4.3 4.7 7.1#

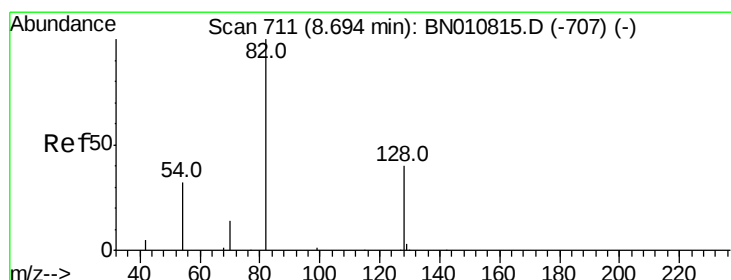
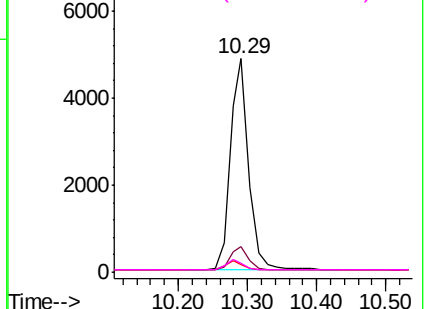


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.429 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

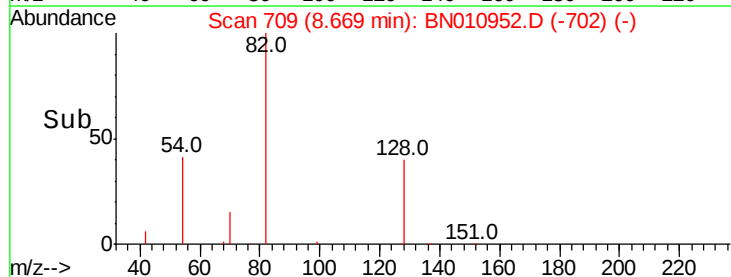
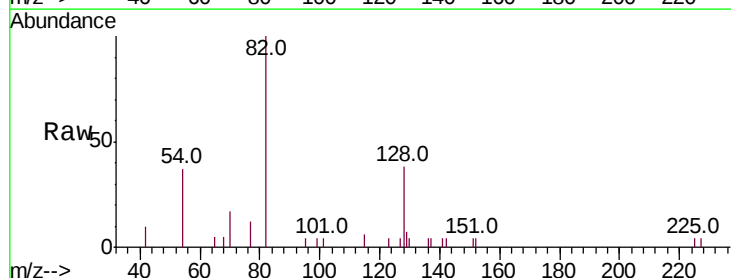
Tgt Ion: 82 Resp: 2896

Ion Ratio Lower Upper

82 100

128 37.6 35.4 53.0

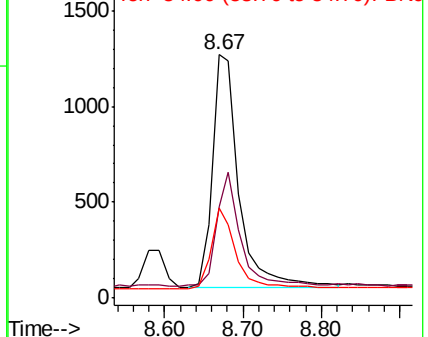
54 37.0 28.2 42.4



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: 0.430 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

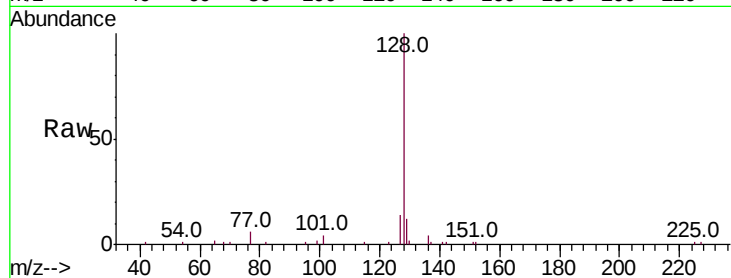
Tot Ion:128 Resp: 9866

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

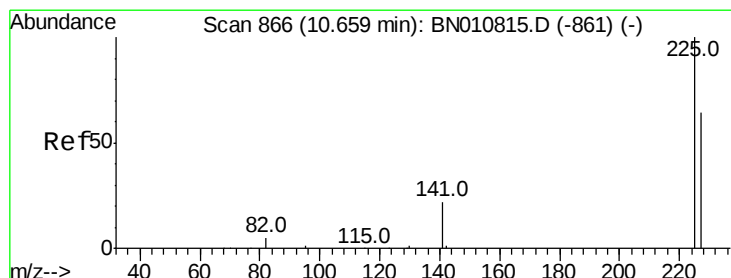
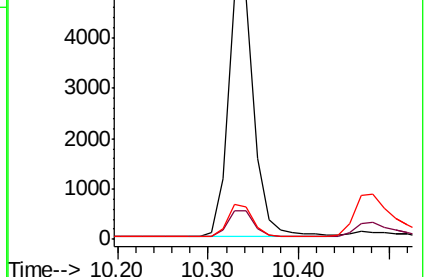
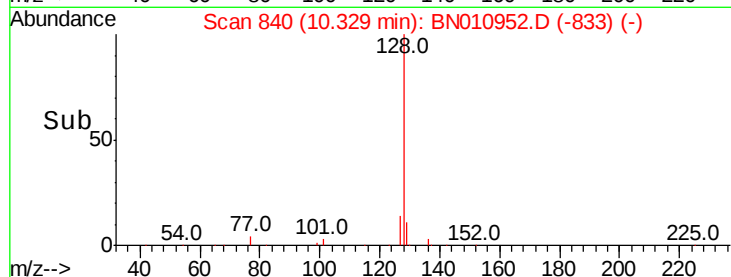
127 14.4 11.4 17.2



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: 0.396 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

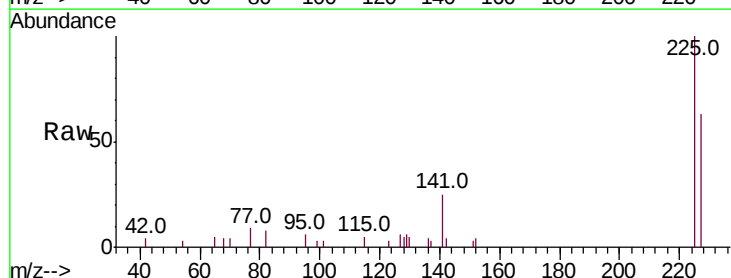
Tgt Ion:225 Resp: 2247

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

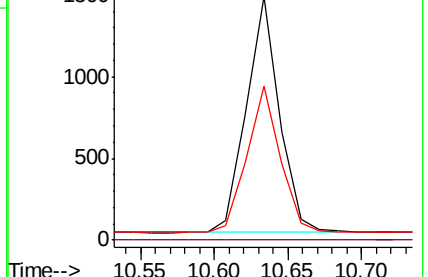
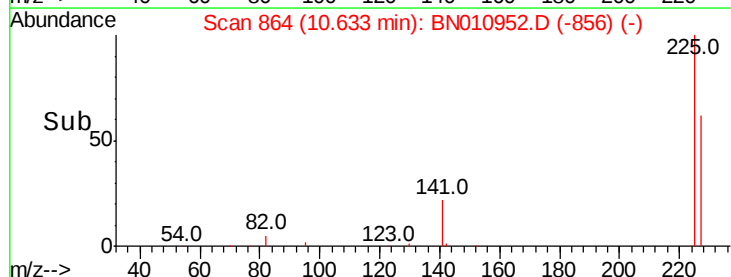
227 62.7 50.5 75.7

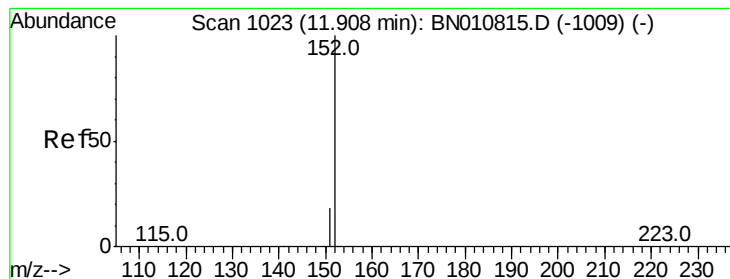


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

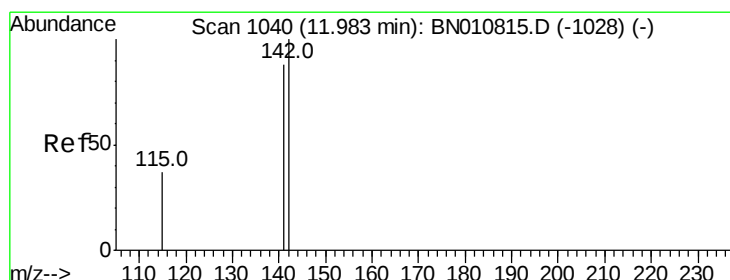
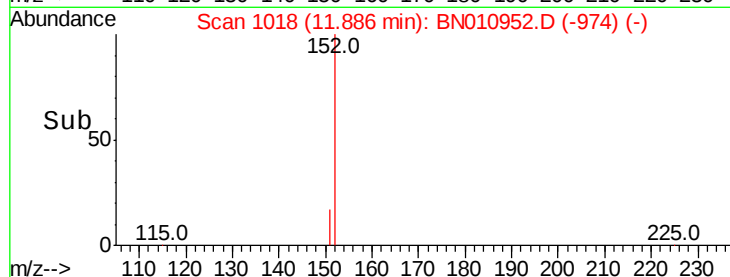
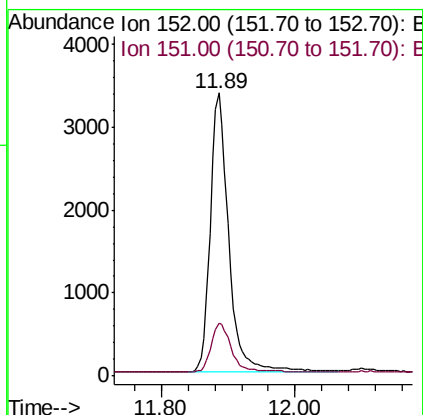
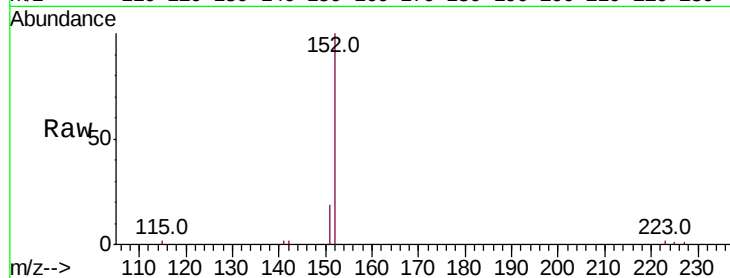




#11
 2-Methylnaphthalene-d10
 Concen: 0.455 ng
 RT: 11.89 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BN010952.D
 Acq: 17 Jun 2020 21:58

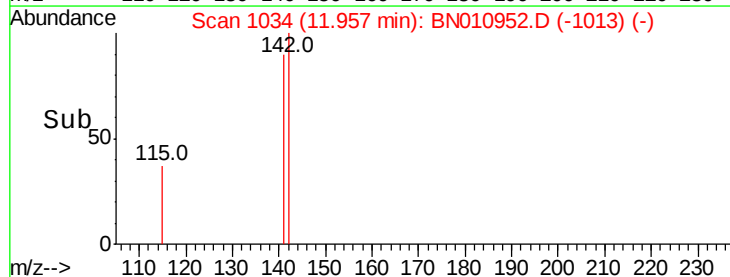
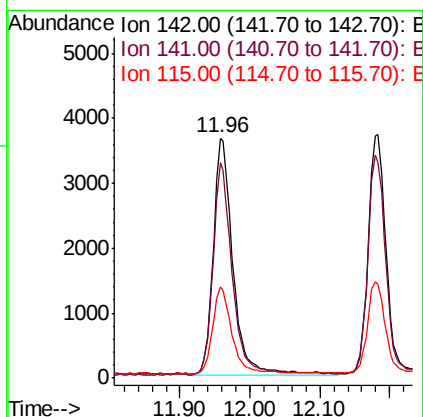
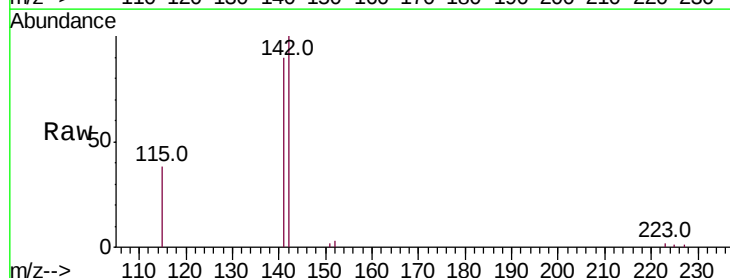
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

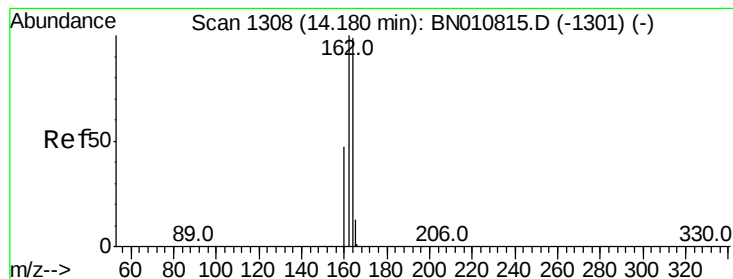
Tot Ion:152 Resp: 6434
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.459 ng
 RT: 11.96 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BN010952.D
 Acq: 17 Jun 2020 21:58

Tgt Ion:142 Resp: 7047
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.8 106.2
 115 37.9 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument:

BNA_N

ClientSampleId:

SSTDCCC0.4EC

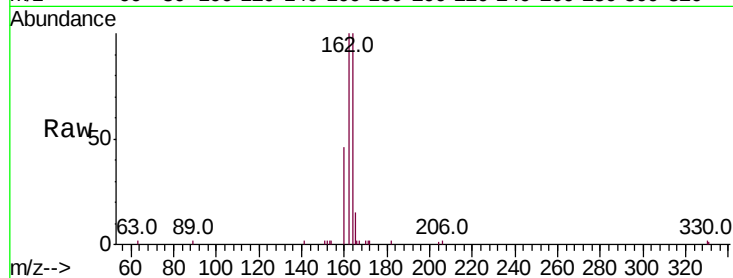
Tot Ion:164 Resp: 5074

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.6

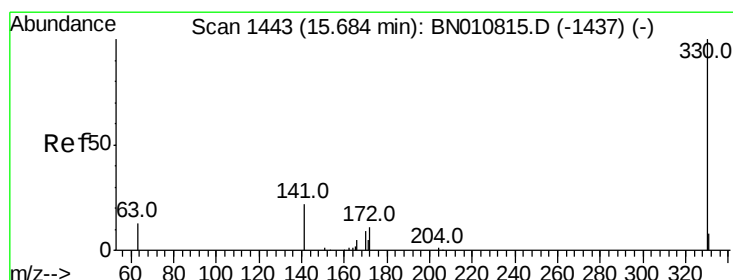
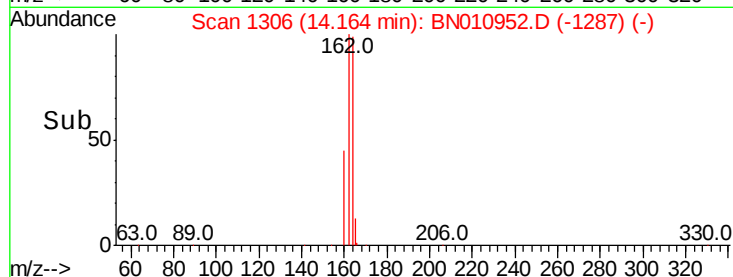
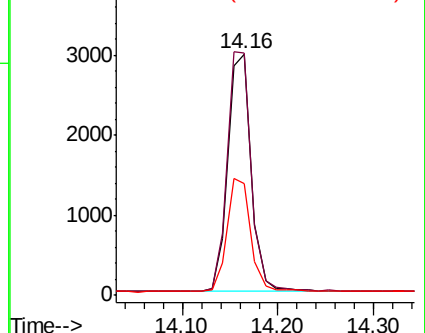
160 46.5 38.9 58.3



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: 0.397 ng

RT: 15.67 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

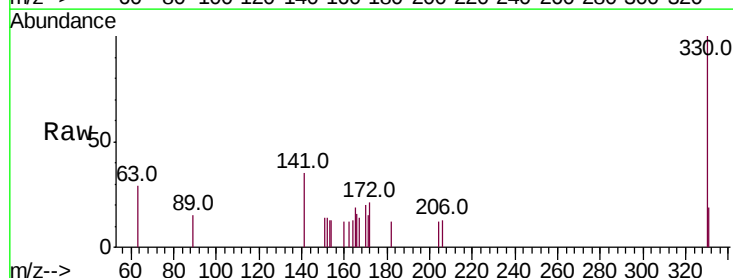
Tgt Ion:330 Resp: 720

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

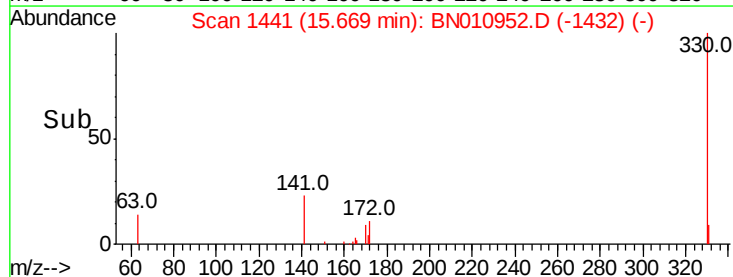
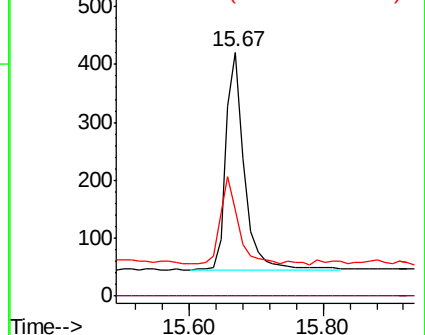
141 37.9 33.2 49.8



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

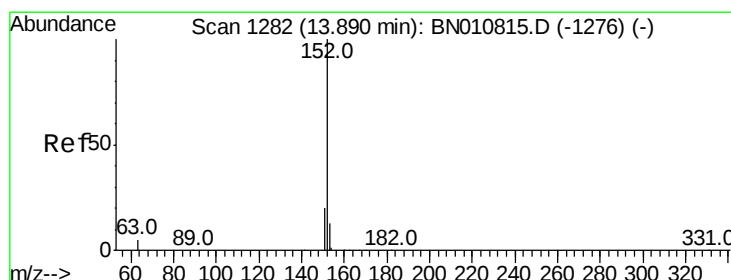
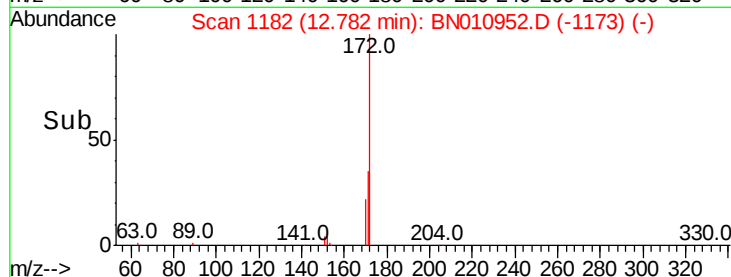
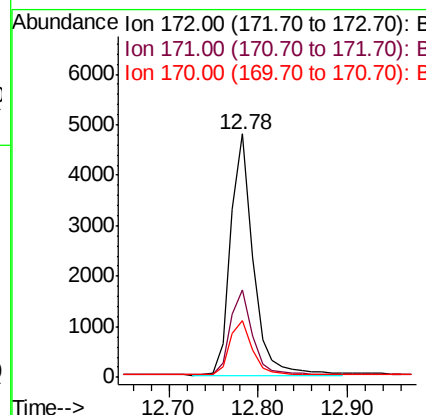
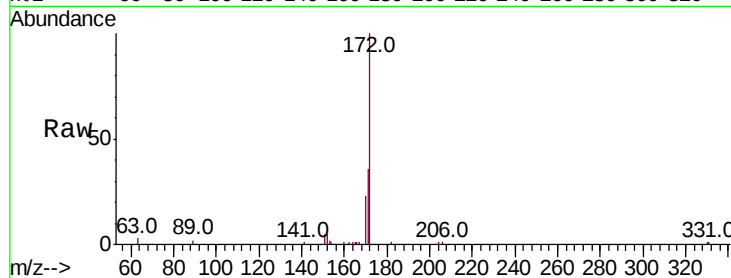




#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010952.D
Acq: 17 Jun 2020 21:58

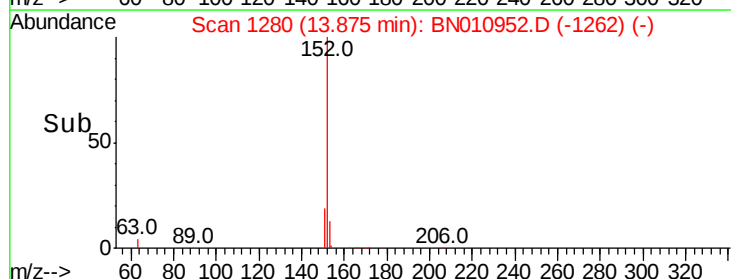
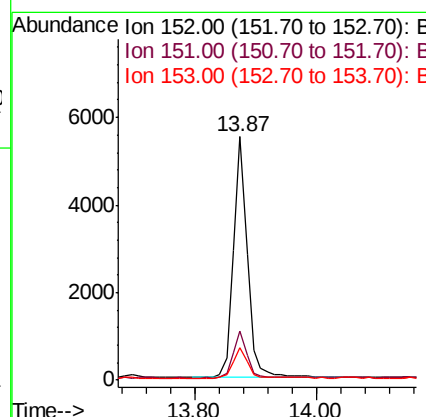
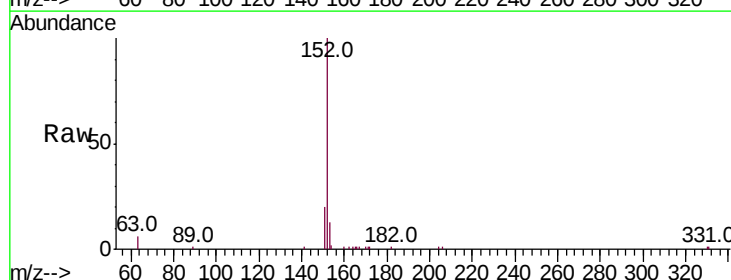
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

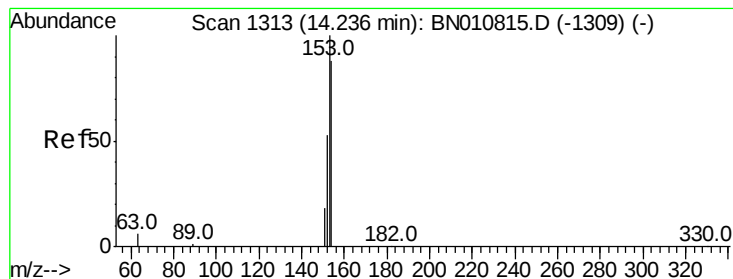
Tot Ion:172 Resp: 8427
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.1 19.7 29.5



#16
Acenaphthylene
Concen: 0.423 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN010952.D
Acq: 17 Jun 2020 21:58

Tgt Ion:152 Resp: 8795
Ion Ratio Lower Upper
152 100
151 19.1 15.6 23.4
153 12.7 10.6 16.0





#17

Acenaphthene

Concen: 0.419 ng

RT: 14.22 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

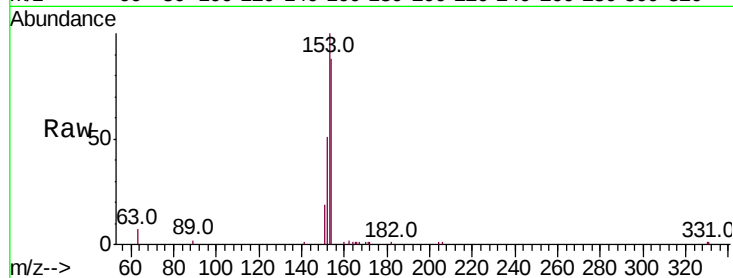
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:154 Resp: 5939

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.8	137.6
152	57.7	47.6	71.4

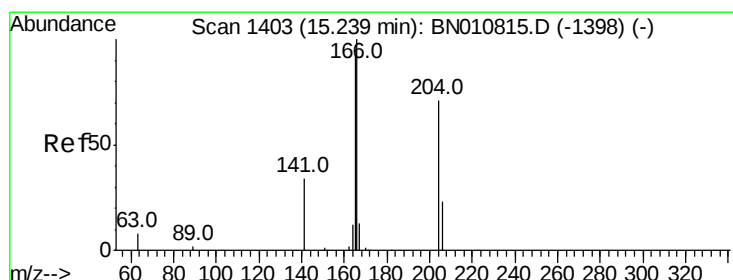
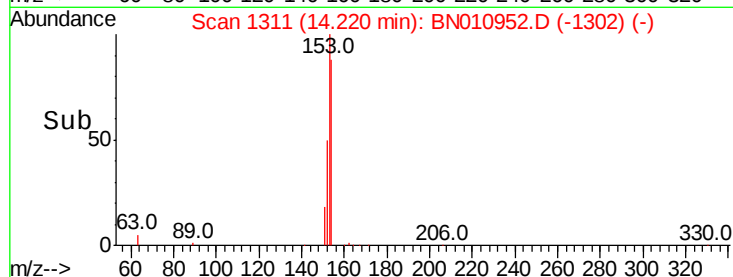
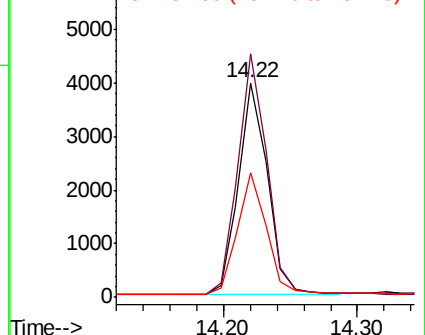


Abundance

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: 0.417 ng

RT: 15.21 min Scan# 1400

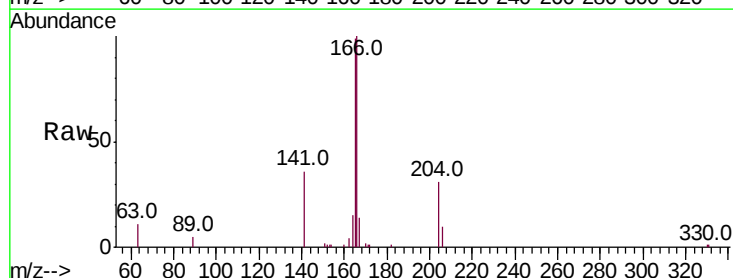
Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Tgt Ion:166 Resp: 7630

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.2	115.8
167	13.6	10.7	16.1

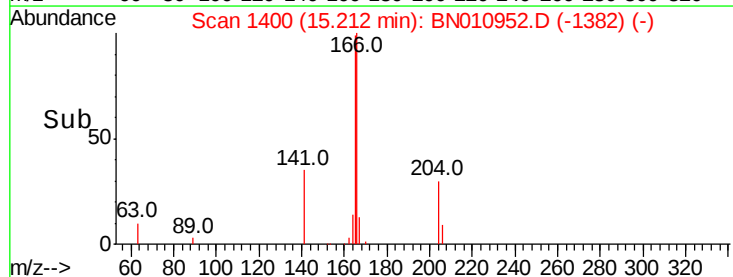
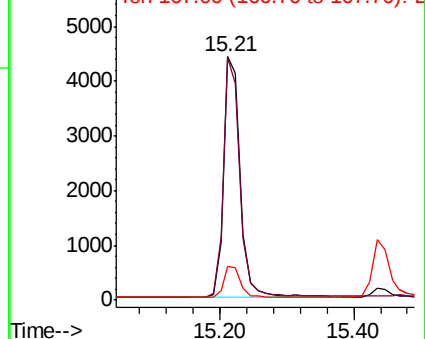


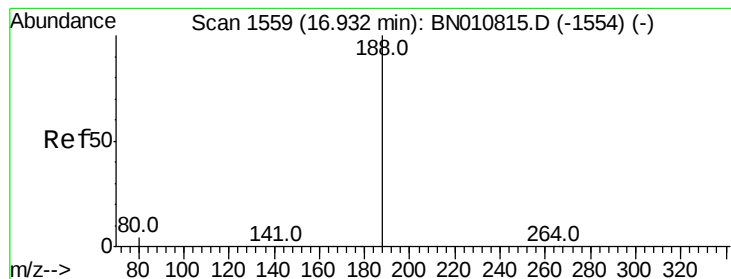
Abundance

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. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

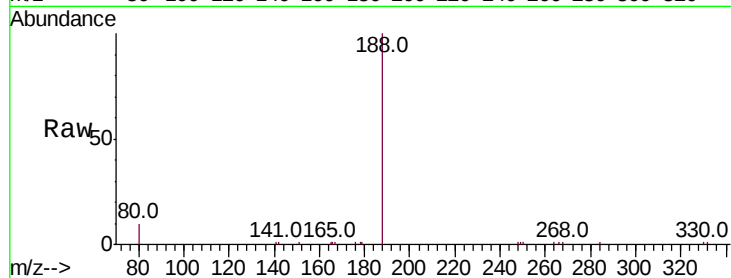
Tot Ion:188 Resp: 10498

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

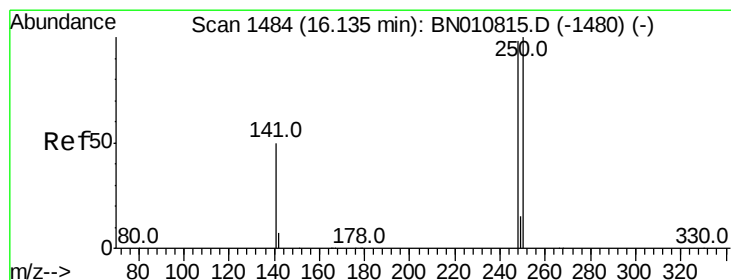
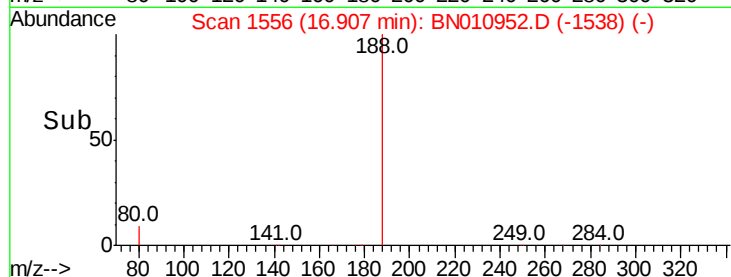
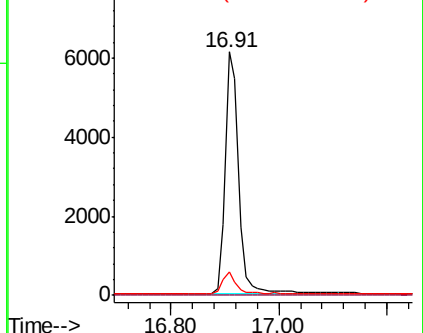
80 9.8 4.5 6.7#



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: 0.408 ng

RT: 16.12 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

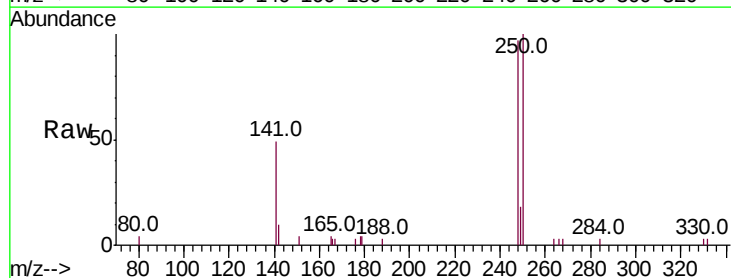
Tgt Ion:248 Resp: 2576

Ion Ratio Lower Upper

248 100

250 102.6 81.8 122.8

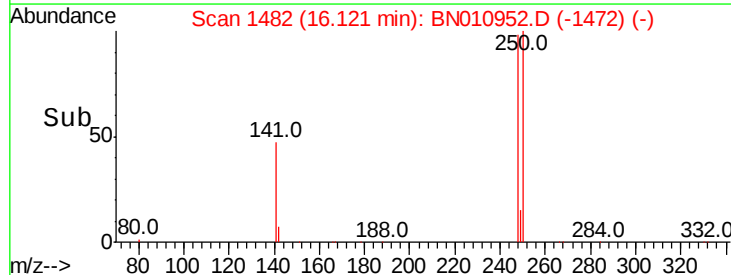
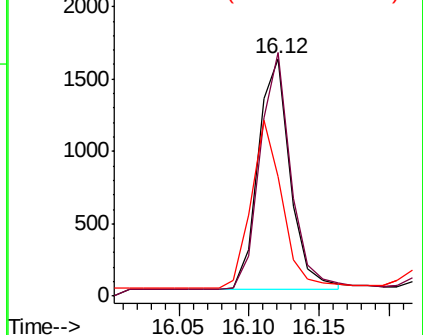
141 50.2 42.6 64.0

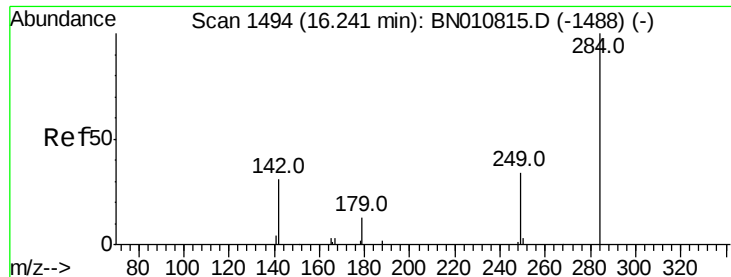


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.413 ng

RT: 16.23 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

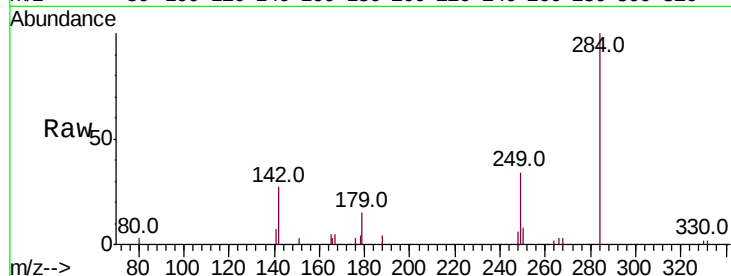
Tot Ion:284 Resp: 2717

Ion Ratio Lower Upper

284 100

142 37.2 31.0 46.4

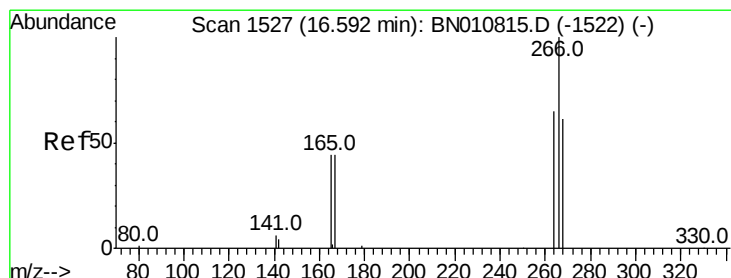
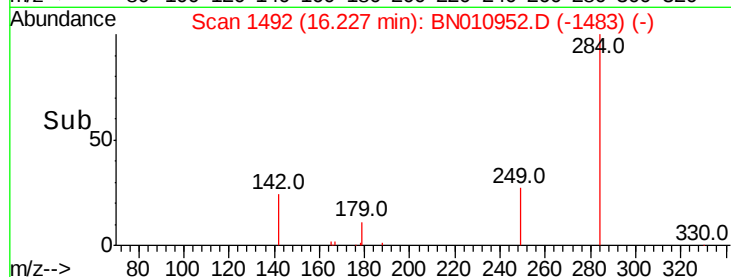
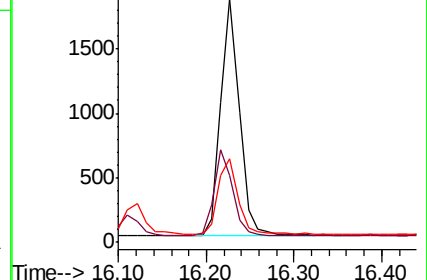
249 33.7 27.1 40.7



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: 0.405 ng

RT: 16.58 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

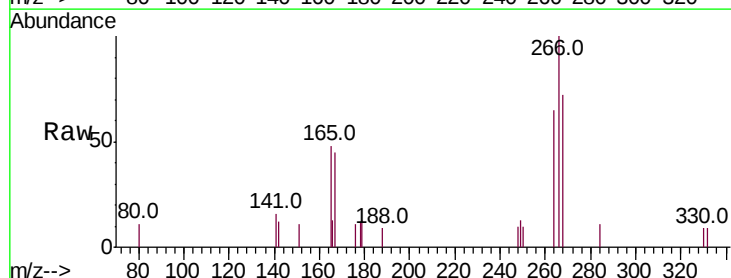
Tgt Ion:266 Resp: 895

Ion Ratio Lower Upper

266 100

264 64.8 54.8 82.2

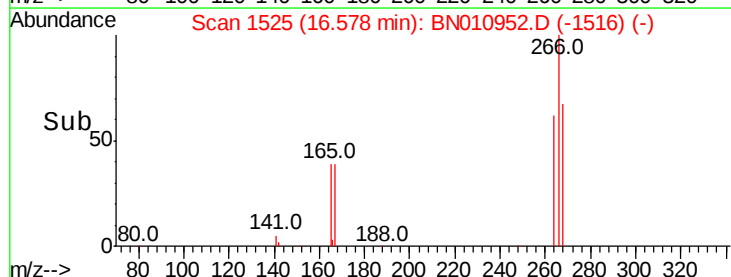
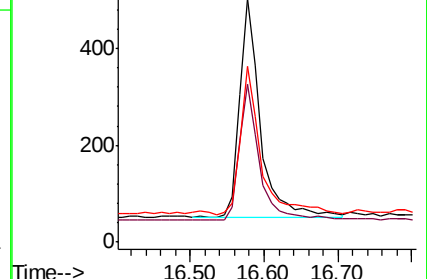
268 72.4 55.9 83.9

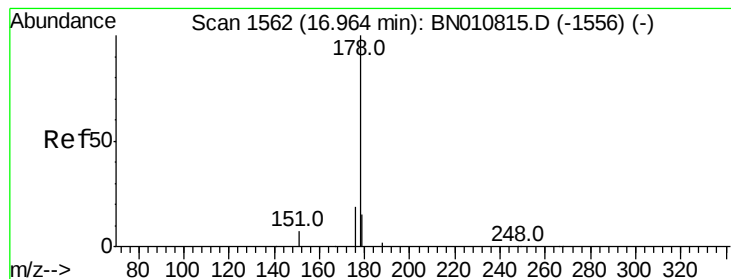


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.421 ng

RT: 16.95 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

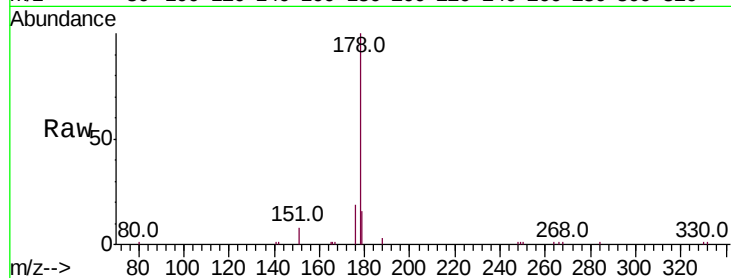
Tot Ion:178 Resp: 12062

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

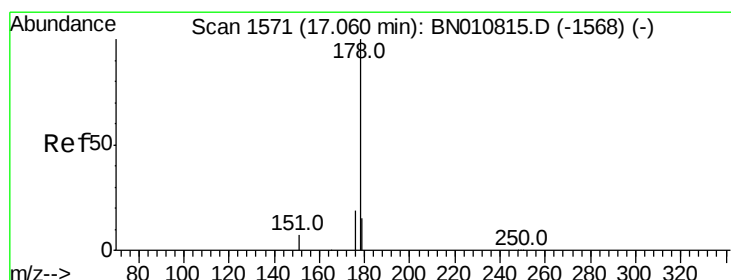
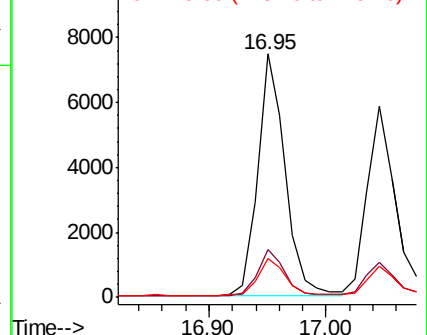
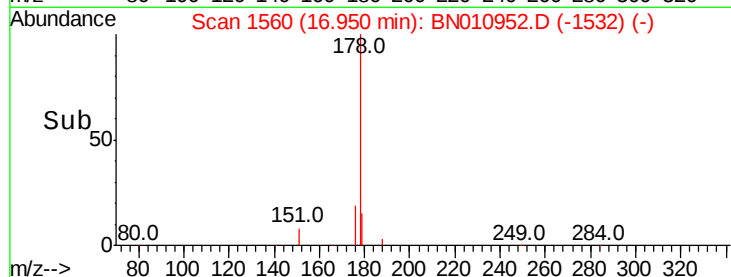
179 15.3 12.6 19.0



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: 0.417 ng

RT: 17.05 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

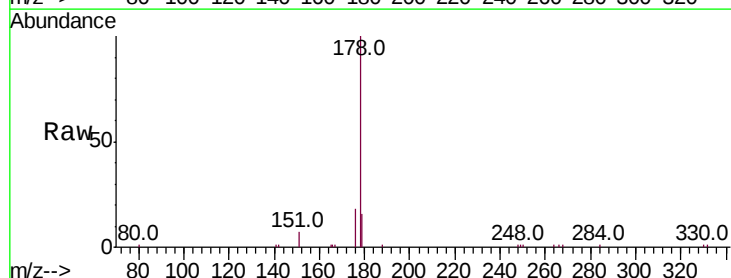
Tgt Ion:178 Resp: 9984

Ion Ratio Lower Upper

178 100

176 17.1 14.6 22.0

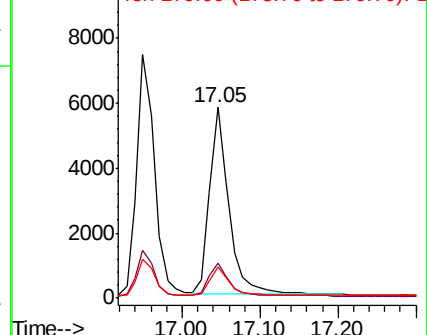
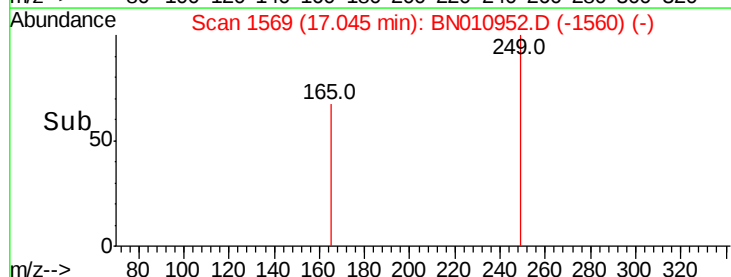
179 15.5 12.3 18.5

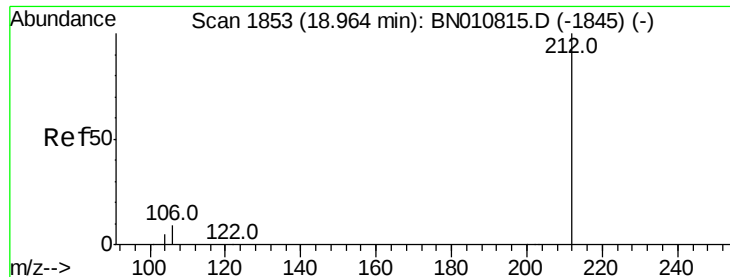


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.461 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

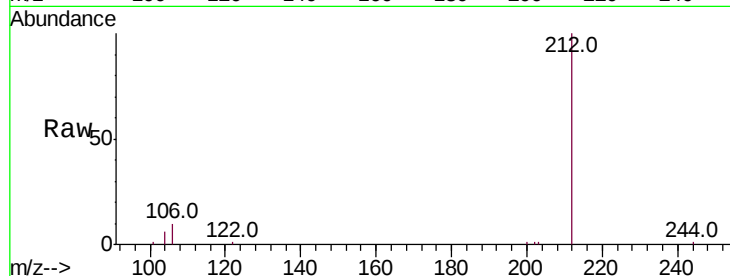
Tot Ion:212 Resp: 13360

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

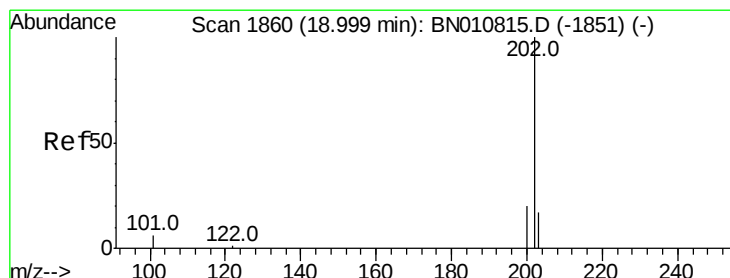
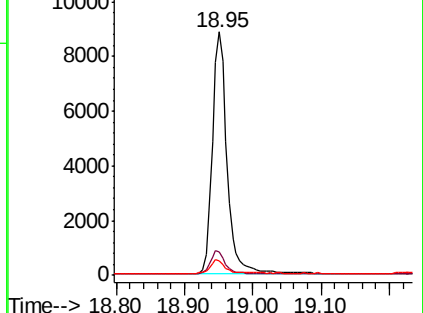
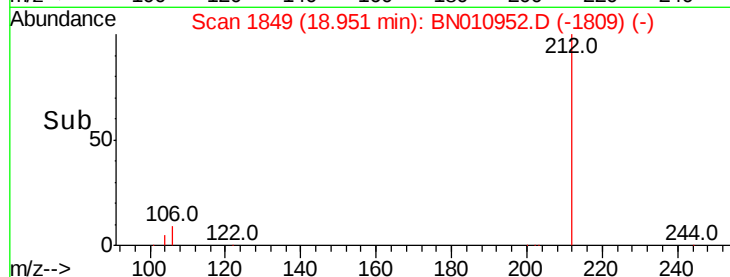
104 5.4 4.0 6.0



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: 0.460 ng

RT: 18.98 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

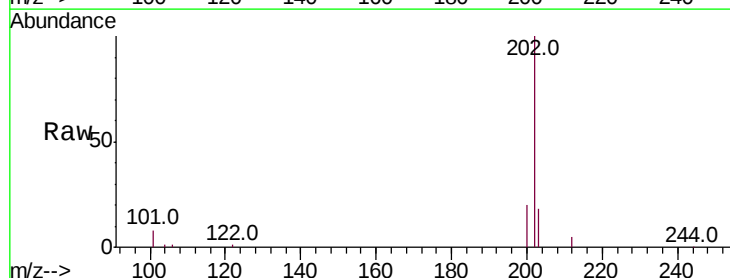
Tgt Ion:202 Resp: 14957

Ion Ratio Lower Upper

202 100

101 8.1 5.8 8.6

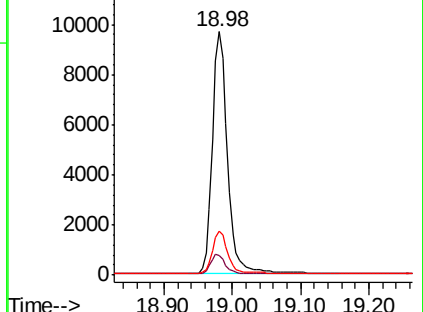
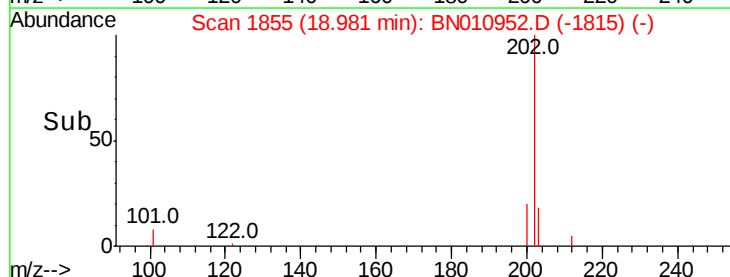
203 17.1 13.7 20.5



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: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

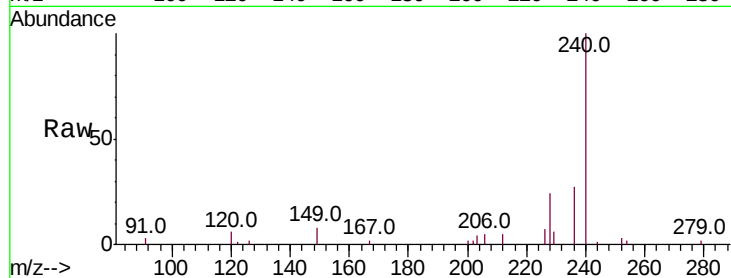
Tot Ion:240 Resp: 10012

Ion Ratio Lower Upper

240 100

120 6.2 7.5 11.3#

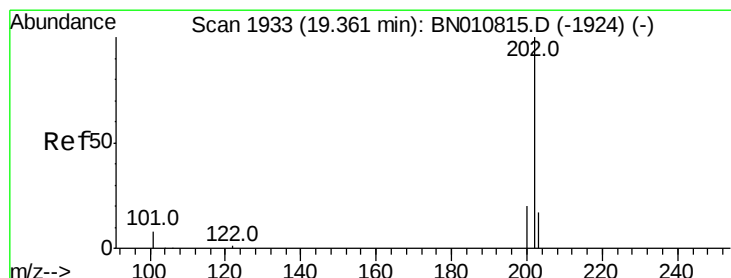
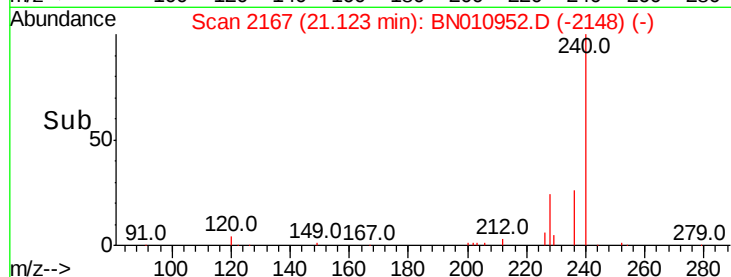
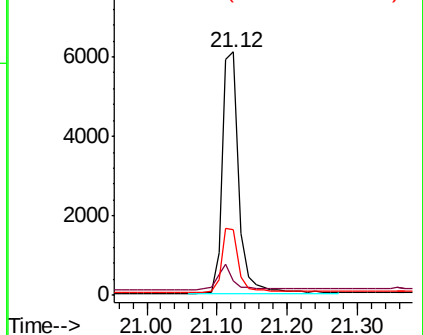
236 26.9 22.3 33.5



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: 0.412 ng

RT: 19.34 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

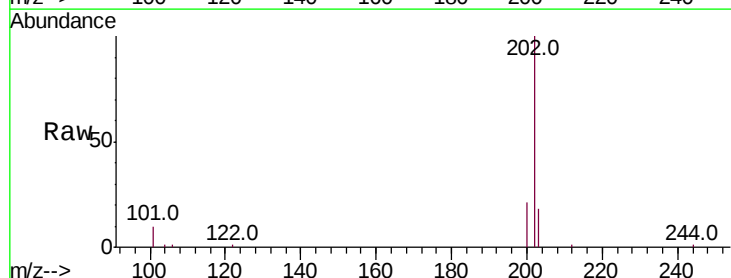
Tgt Ion:202 Resp: 13641

Ion Ratio Lower Upper

202 100

200 20.1 16.4 24.6

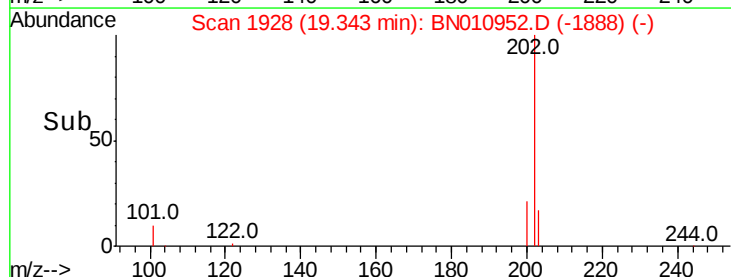
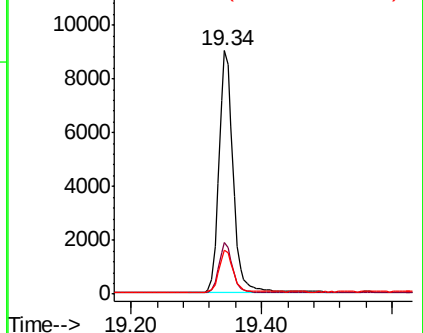
203 17.5 14.2 21.4

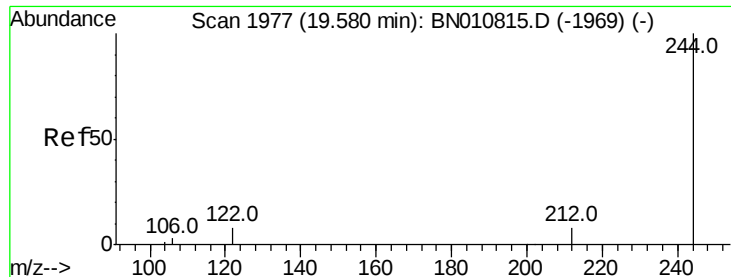


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.57 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

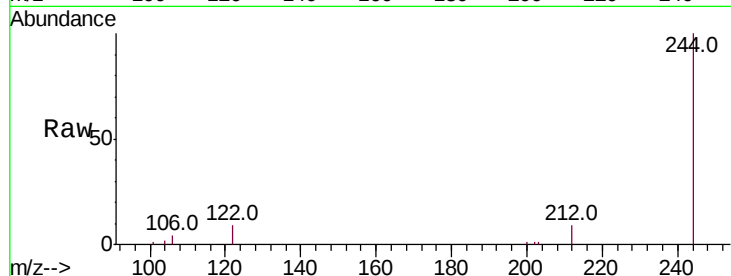
Tot Ion:244 Resp: 9609

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

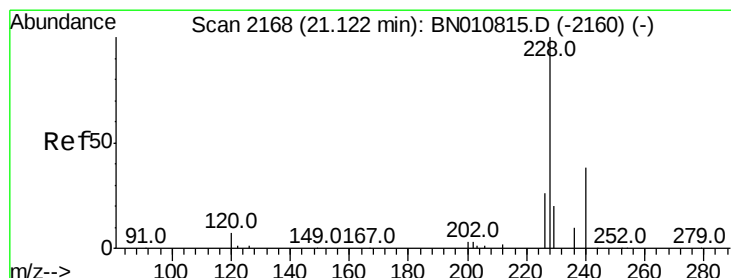
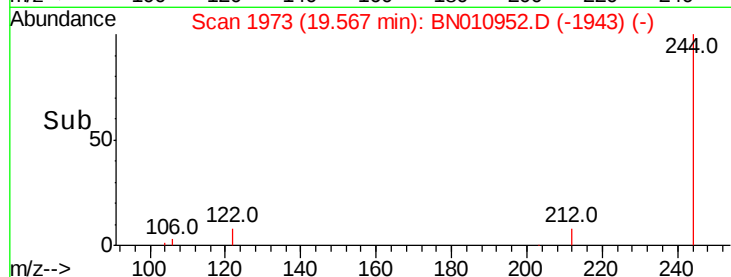
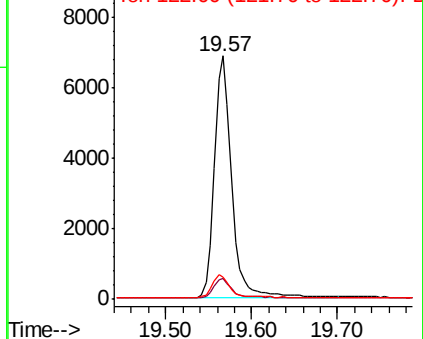
122 9.1 7.5 11.3



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: 0.424 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

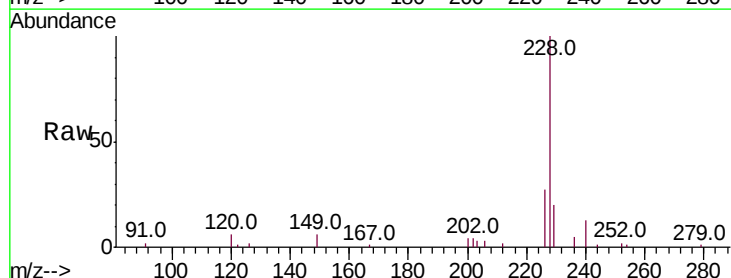
Tgt Ion:228 Resp: 12474

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

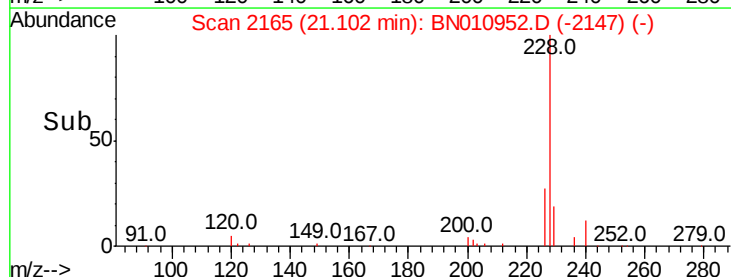
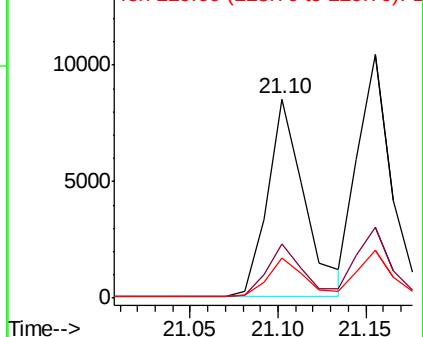
229 19.9 16.6 24.8



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: 21.16 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

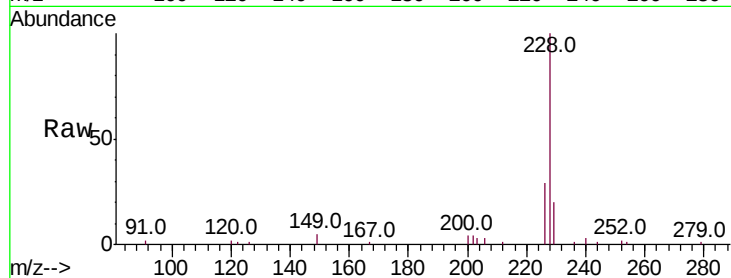
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 13967

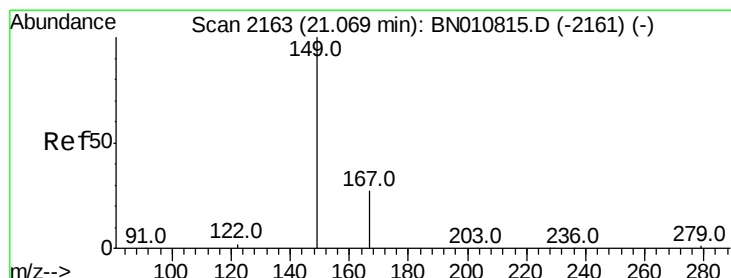
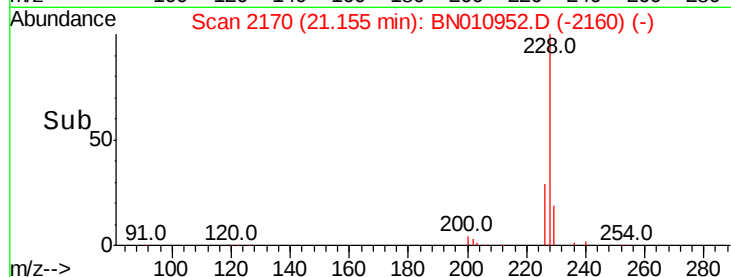
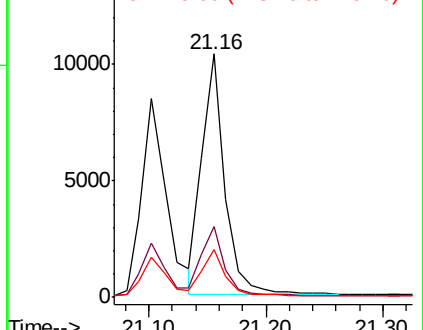
Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	19.5	16.1	24.1



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: 0.461 ng

RT: 21.06 min Scan# 2161

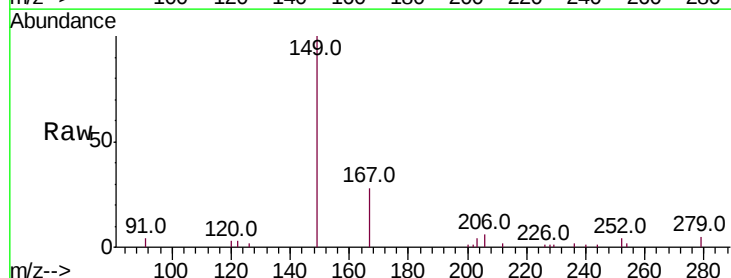
Delta R.T. 0.00 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Tgt Ion:149 Resp: 4521

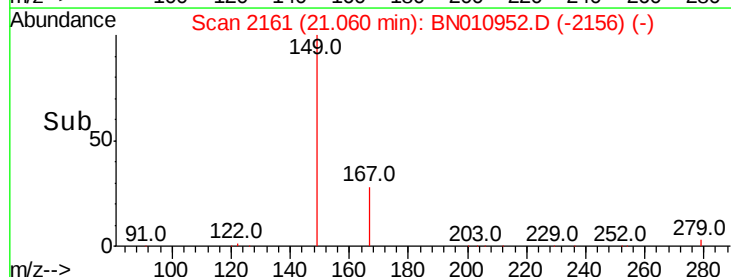
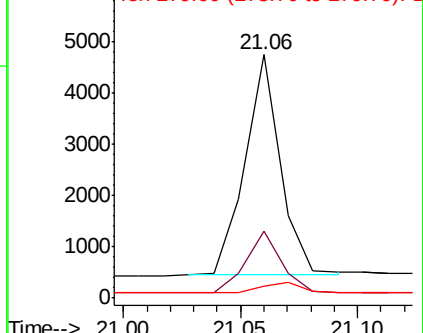
Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.1	36.1
279	5.0	4.6	7.0

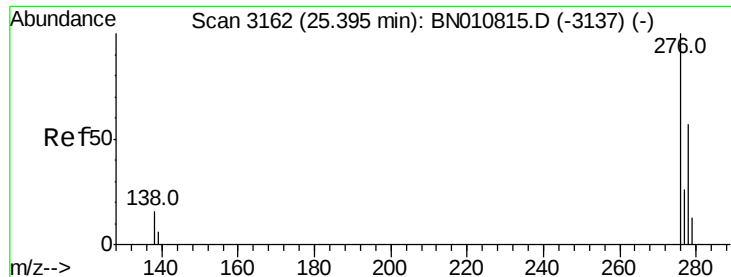


Abundance Ion 149.00 (148.70 to 149.70): E

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: 25.37 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

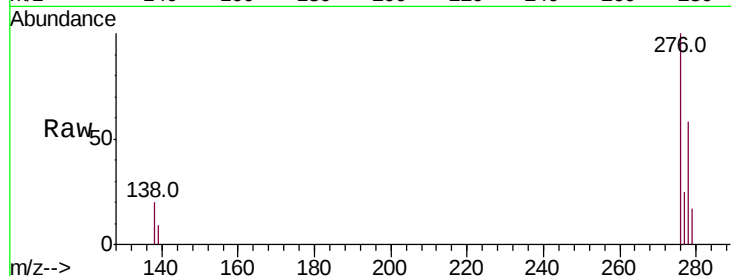
Tot Ion:276 Resp: 16614

Ion Ratio Lower Upper

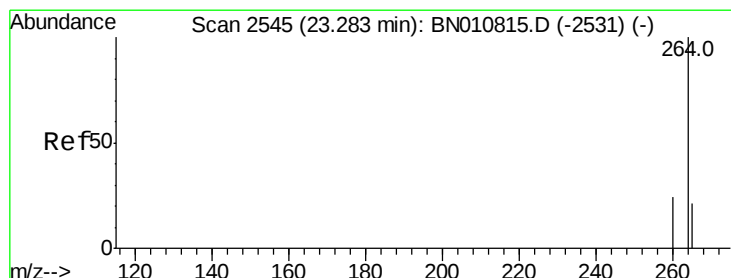
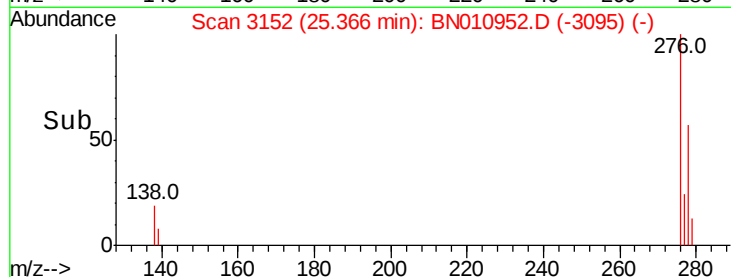
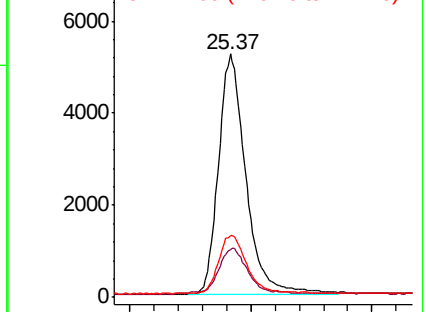
276 100

138 20.3 13.0 19.6#

277 24.7 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: BN010952.D

Acq: 17 Jun 2020 21:58

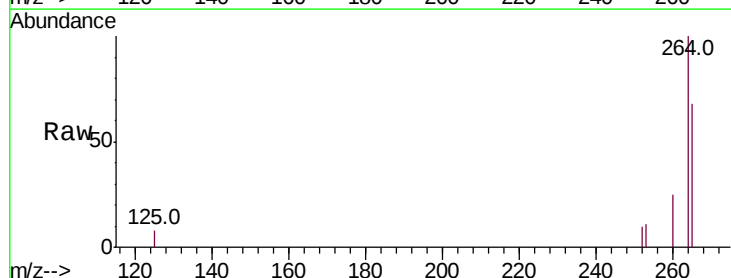
Tgt Ion:264 Resp: 10359

Ion Ratio Lower Upper

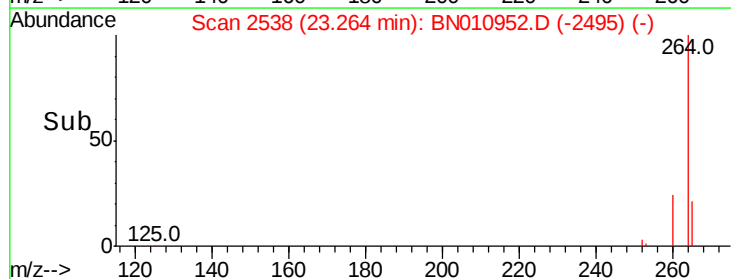
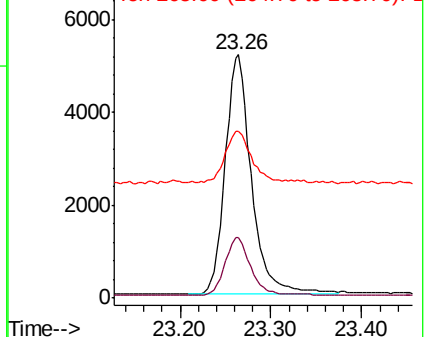
264 100

260 24.7 20.4 30.6

265 68.3 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: 0.382 ng

RT: 22.63 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

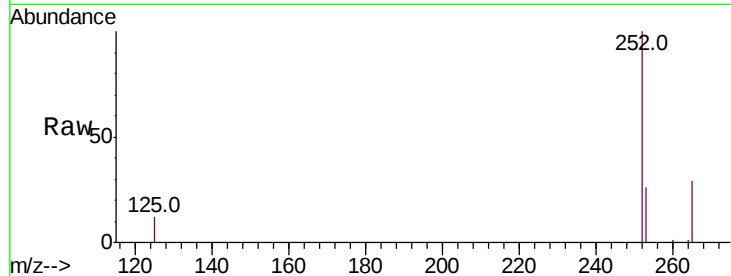
Tot Ion:252 Resp: 13463

Ion Ratio Lower Upper

252 100

253 26.0 22.4 33.6

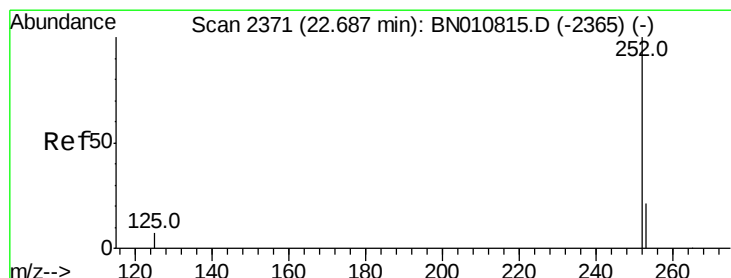
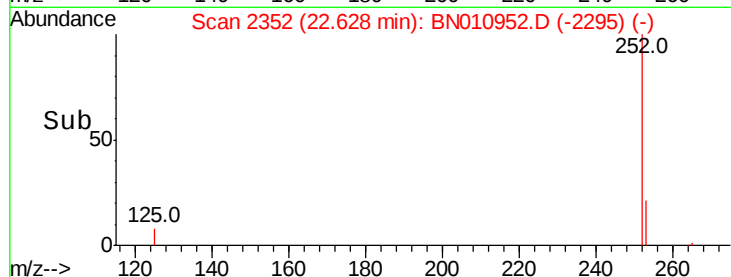
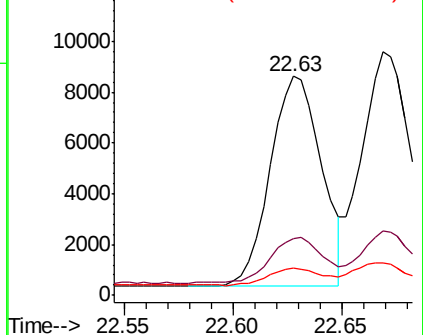
125 12.3 9.4 14.0



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: 0.414 ng

RT: 22.67 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

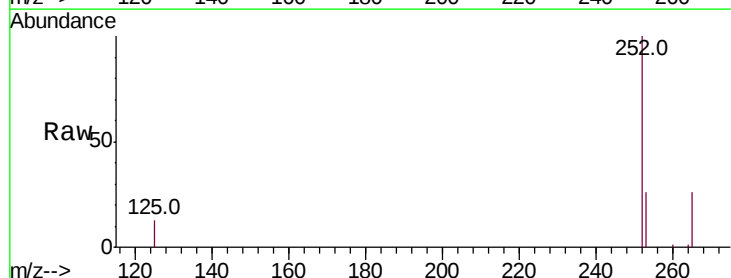
Tgt Ion:252 Resp: 15540

Ion Ratio Lower Upper

252 100

253 26.3 22.2 33.4

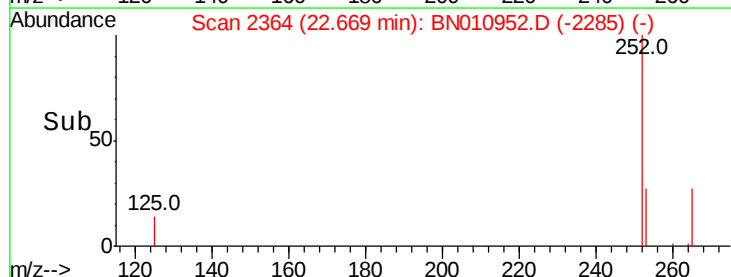
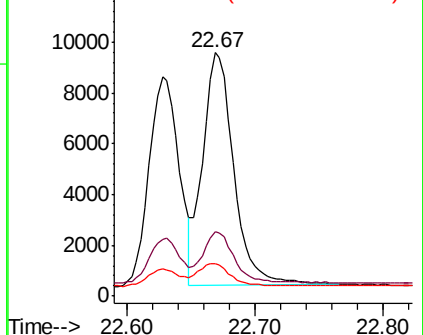
125 13.2 9.8 14.8

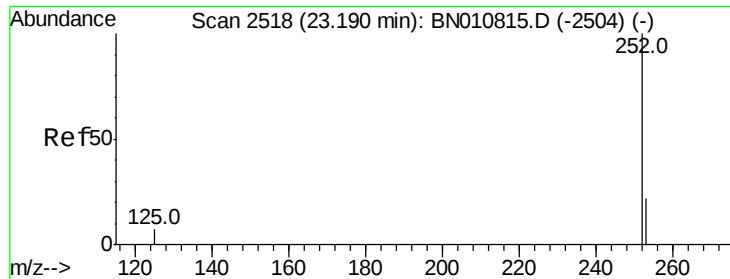


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.17 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

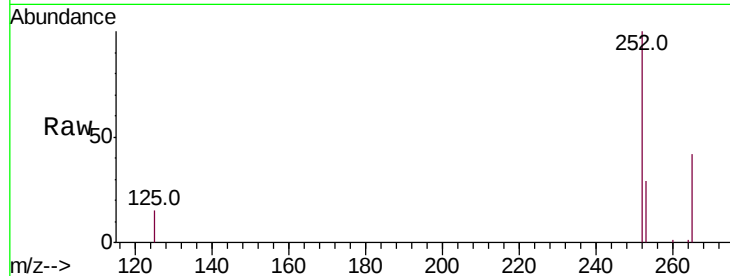
Tot Ion:252 Resp: 12137

Ion Ratio Lower Upper

252 100

253 29.0 25.8 38.8

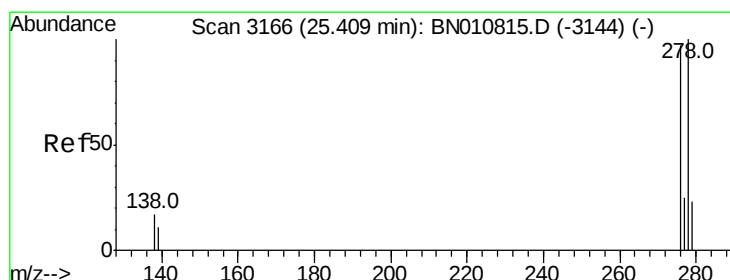
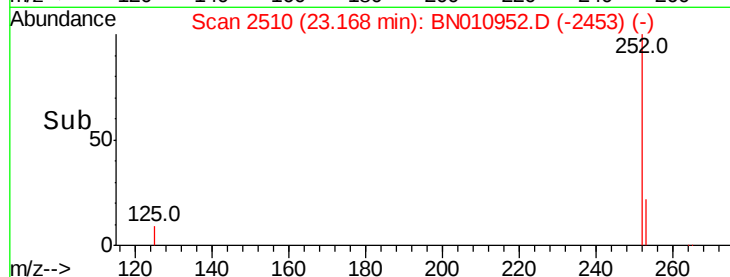
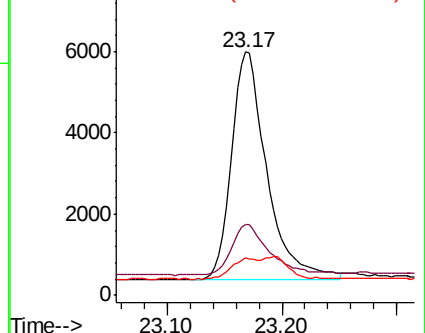
125 15.4 12.4 18.6



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: 0.383 ng

RT: 25.38 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BN010952.D

Acq: 17 Jun 2020 21:58

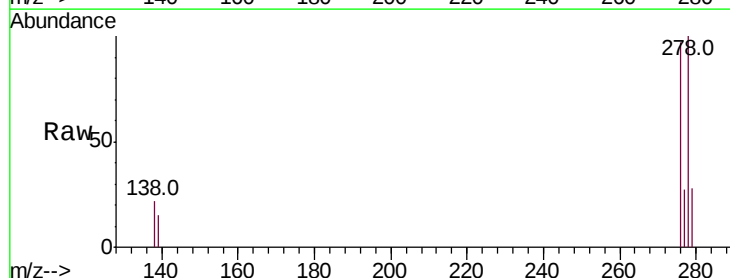
Tgt Ion:278 Resp: 13213

Ion Ratio Lower Upper

278 100

139 14.7 10.6 15.8

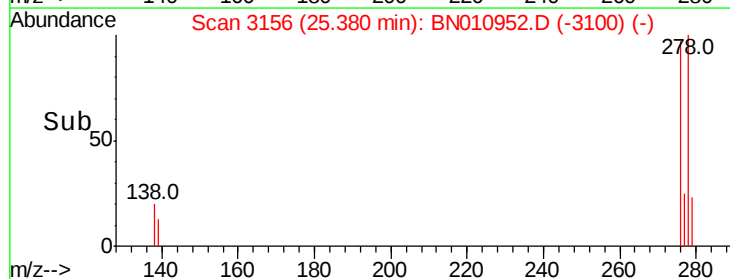
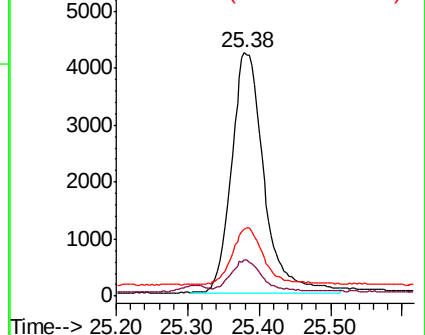
279 27.7 23.6 35.4



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: 0.382 ng

RT: 26.01 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BN010952.D

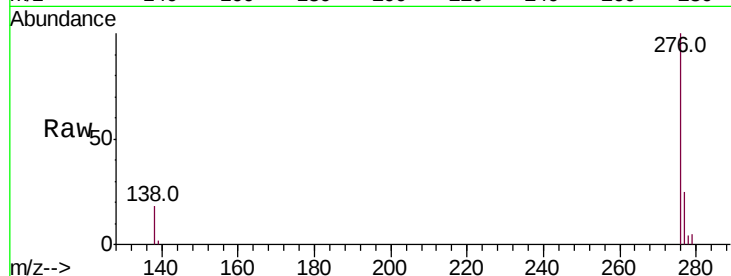
Acq: 17 Jun 2020 21:58

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 13766

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

