

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061820\
 Data File : BN010957.D
 Acq On : 18 Jun 2020 17:25
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 18 17:59:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 18 14:14:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2023	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7136	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	3845	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	7819	0.40	ng	0.00
27) Chrysene-d12	21.12	240	6921	0.40	ng	0.00
34) Perylene-d12	23.27	264	7477	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1723	0.44	ng	0.00
5) Phenol-d6	6.74	99	2029	0.44	ng	0.00
8) Nitrobenzene-d5	8.68	82	2305	0.44	ng	0.01
11) 2-Methylnaphthalene-d10	11.89	152	6066	0.55	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	573	0.42	ng	0.01
15) 2-Fluorobiphenyl	12.79	172	6643	0.44	ng	0.01
25) Fluoranthene-d10	18.95	212	10277	0.48	ng	0.00
29) Terphenyl-d14	19.56	244	7561	0.47	ng	0.00

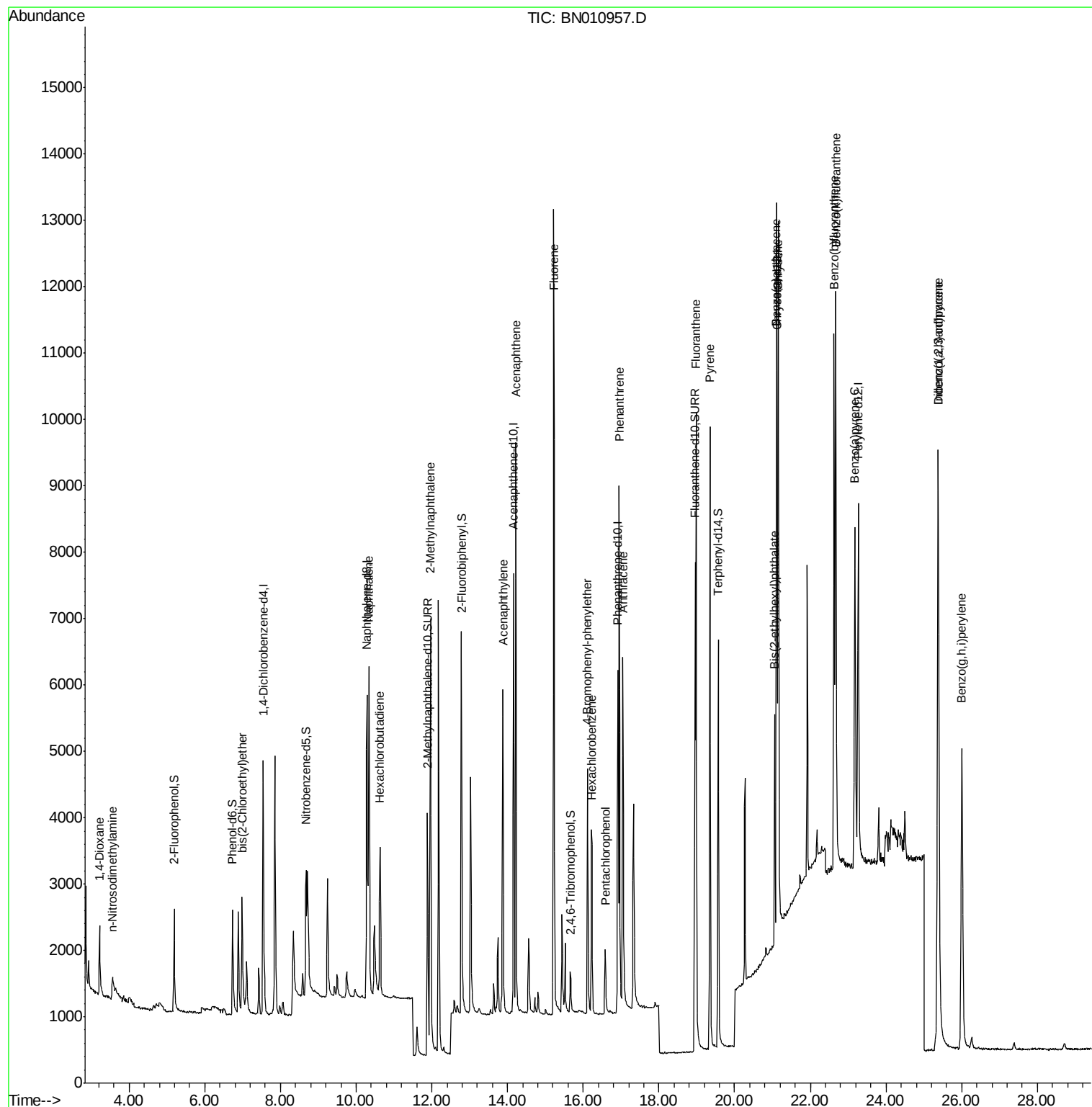
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	939	0.474	ng	97
3) n-Nitrosodimethylamine	3.55	42	502	0.436	ng	# 89
6) bis(2-Chloroethyl)ether	6.99	93	1885	0.420	ng	96
9) Naphthalene	10.33	128	7576	0.422	ng	99
10) Hexachlorobutadiene	10.63	225	1789	0.404	ng	# 99
12) 2-Methylnaphthalene	11.96	142	5684	0.474	ng	99
16) Acenaphthylene	13.88	152	6520	0.414	ng	99
17) Acenaphthene	14.22	154	4511	0.420	ng	99
18) Fluorene	15.22	166	5750	0.415	ng	98
20) 4-Bromophenyl-phenylether	16.11	248	2116	0.450	ng	# 84
21) Hexachlorobenzene	16.23	284	2240	0.457	ng	98
22) Pentachlorophenol	16.58	266	647	0.393	ng	97
23) Phenanthrene	16.95	178	8671	0.406	ng	99
24) Anthracene	17.05	178	7120	0.399	ng	99
26) Fluoranthene	18.98	202	9712	0.401	ng	100
28) Pyrene	19.35	202	9629	0.421	ng	100
30) Benzo(a)anthracene	21.10	228	8288	0.407	ng	98
31) Chrysene	21.15	228	10100	0.426	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	3013	0.444	ng	96
33) Indeno(1,2,3-cd)pyrene	25.37	276	12074	0.456	ng	99
35) Benzo(b)fluoranthene	22.63	252	9588	0.377	ng	99
36) Benzo(k)fluoranthene	22.67	252	11841	0.437	ng	99
37) Benzo(a)pyrene	23.17	252	9034	0.414	ng	98
38) Dibenzo(a,h)anthracene	25.38	278	9570	0.385	ng	98
39) Benzo(g,h,i)perylene	26.00	276	9973	0.384	ng	99

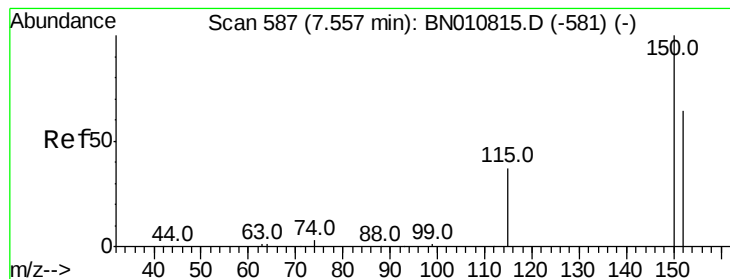
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. 0.01 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

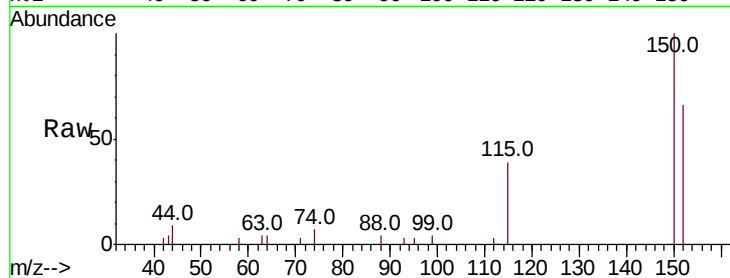
Tot Ion:152 Resp: 2023

Ion Ratio Lower Upper

152 100

150 151.7 123.8 185.6

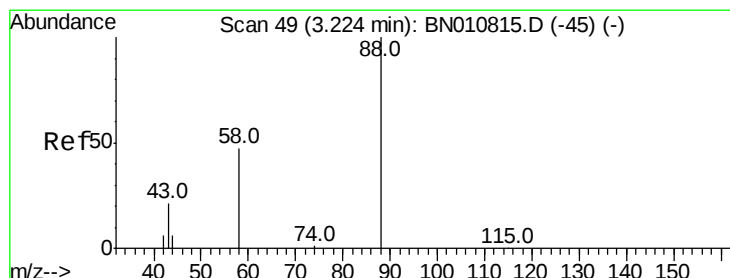
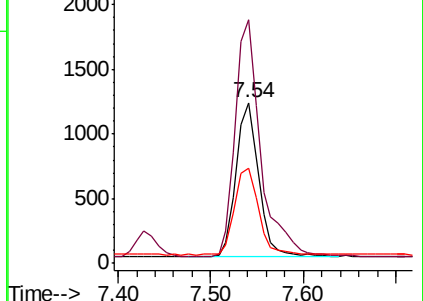
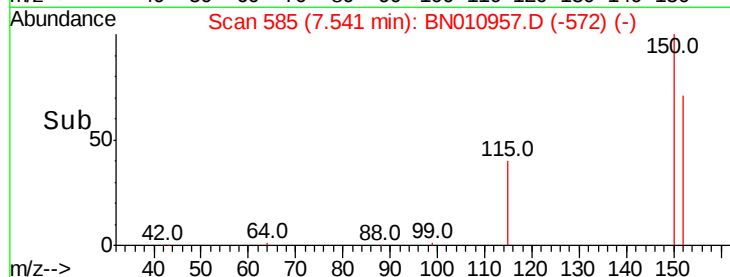
115 59.1 49.2 73.8



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: 0.474 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

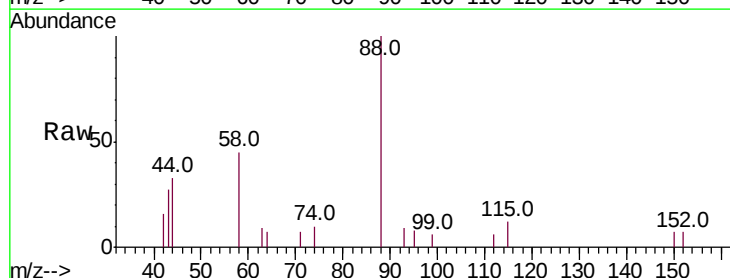
Tgt Ion: 88 Resp: 939

Ion Ratio Lower Upper

88 100

58 50.1 38.2 57.4

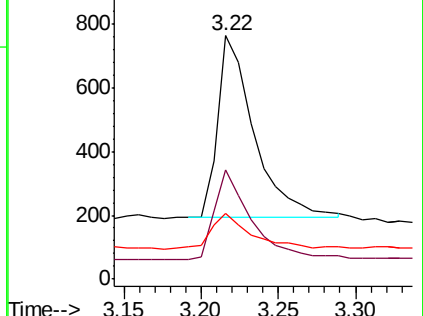
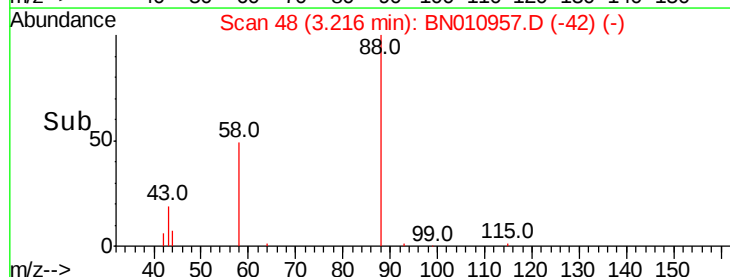
43 19.4 15.1 22.7

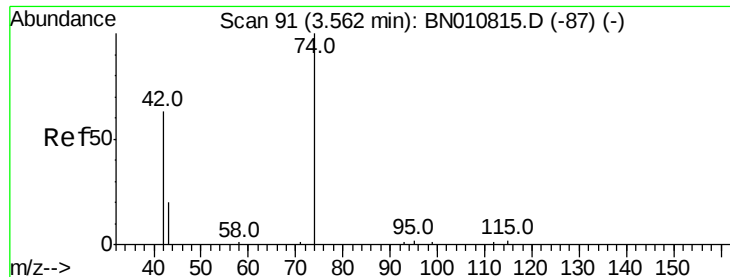


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.436 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.01 min

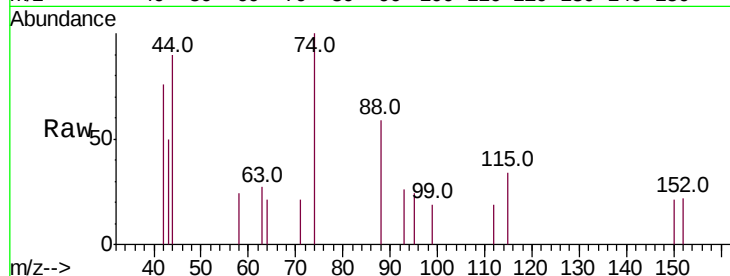
Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion: 42 Resp: 502

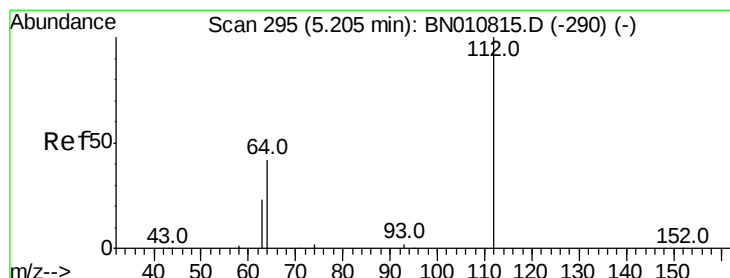
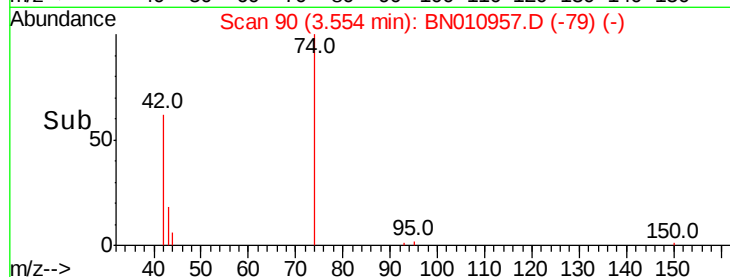
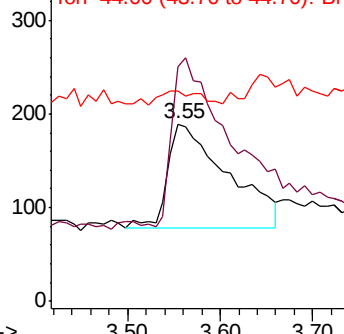
Ion	Ratio	Lower	Upper
42	100		
74	160.6	140.7	211.1
44	8.0	1.4	2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.441 ng

RT: 5.19 min Scan# 293

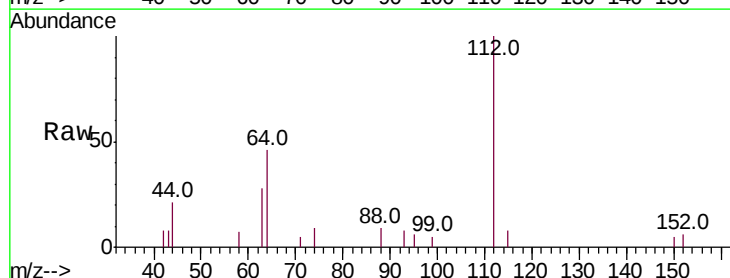
Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Tgt Ion:112 Resp: 1723

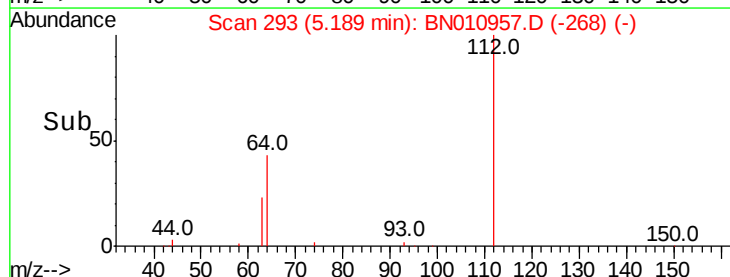
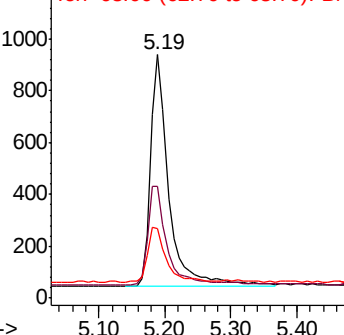
Ion	Ratio	Lower	Upper
112	100		
64	45.0	37.4	56.0
63	24.1	22.2	33.4

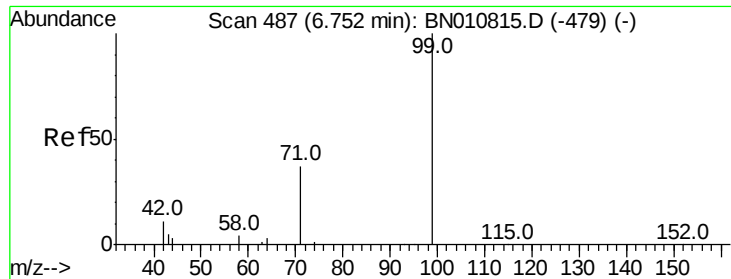


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.441 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

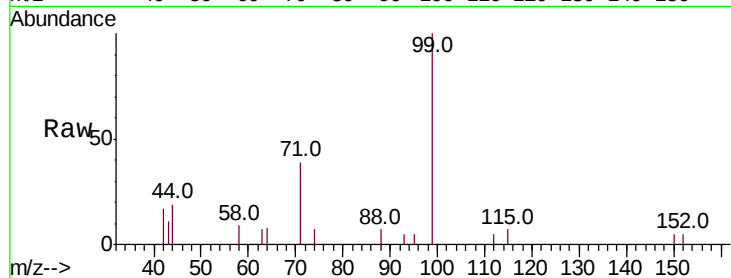
Tot Ion: 99 Resp: 2029

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

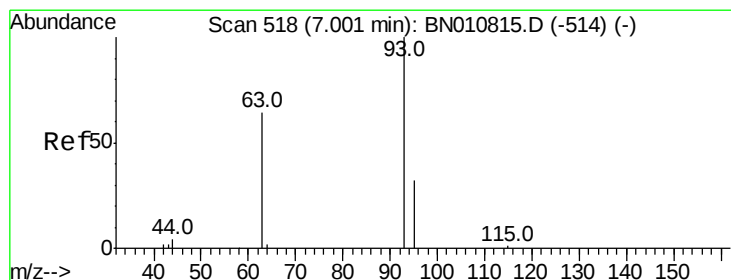
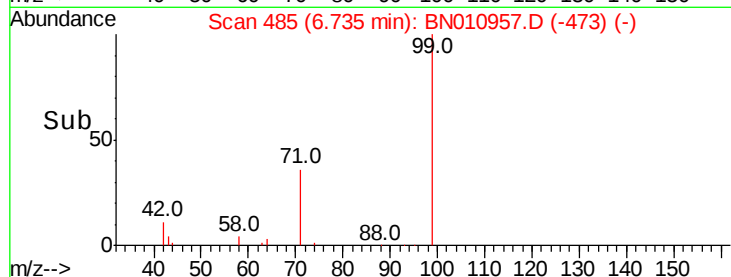
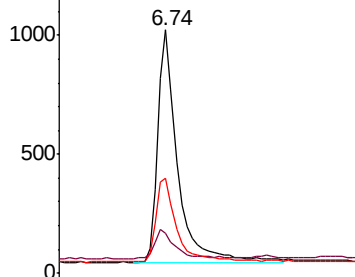
71 37.9 31.4 47.2



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: 0.420 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

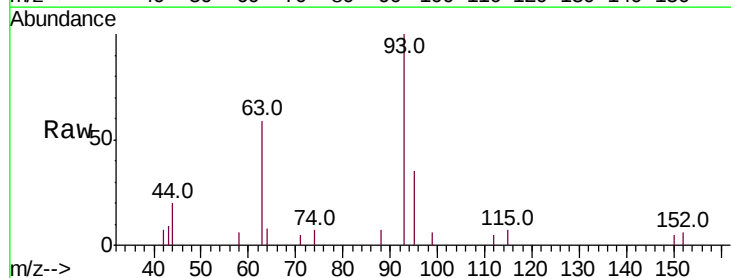
Tgt Ion: 93 Resp: 1885

Ion Ratio Lower Upper

93 100

63 59.6 49.4 74.2

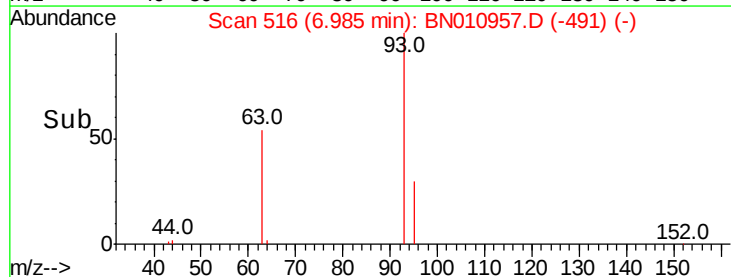
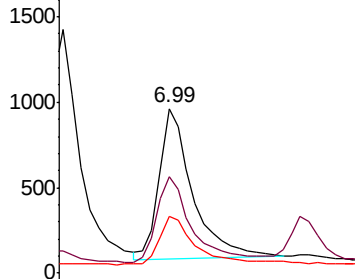
95 36.8 26.7 40.1

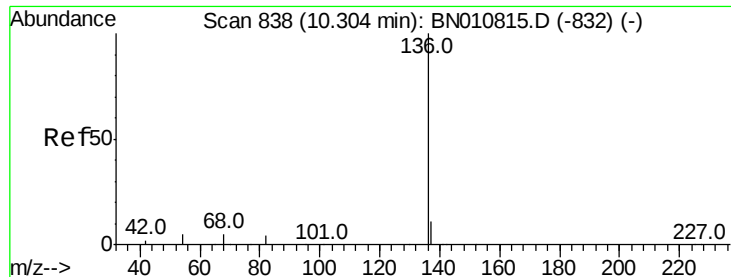


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

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: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7136

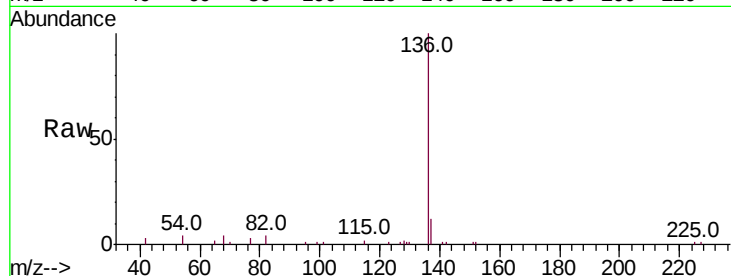
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 3.9 4.9 7.3#

68 4.2 4.7 7.1#

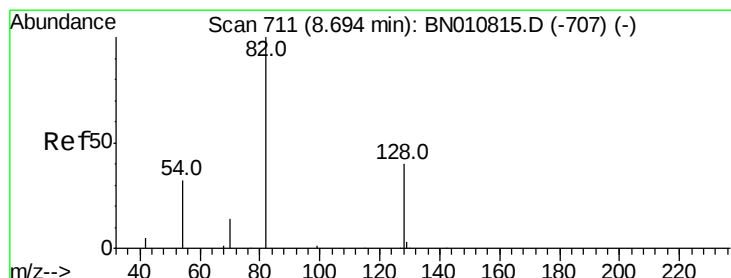
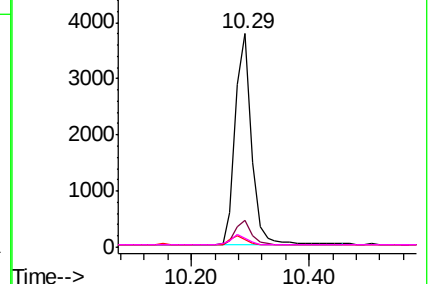
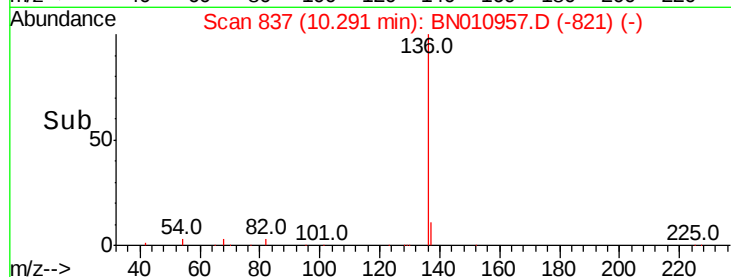


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.436 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

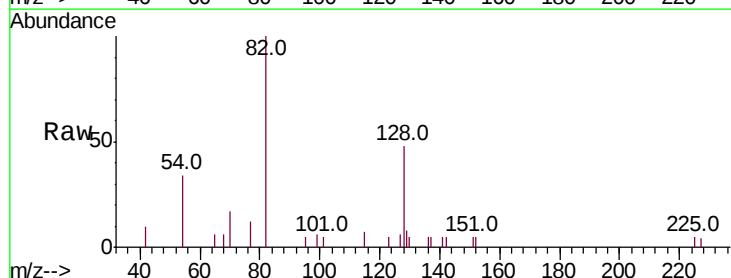
Tgt Ion: 82 Resp: 2305

Ion Ratio Lower Upper

82 100

128 48.1 35.4 53.0

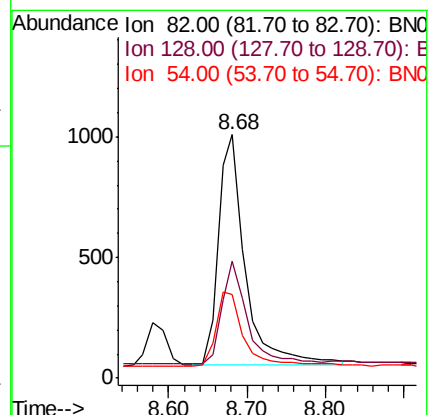
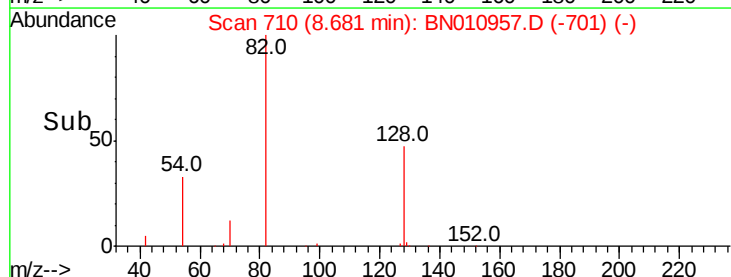
54 34.5 28.2 42.4

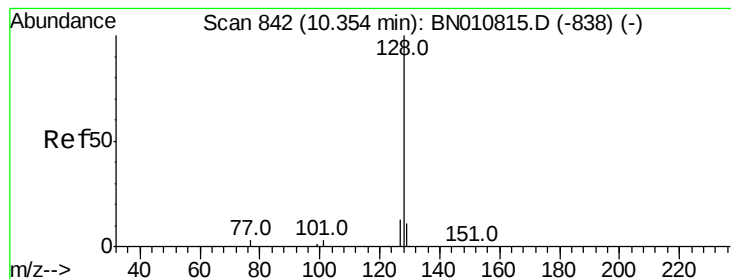


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.422 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

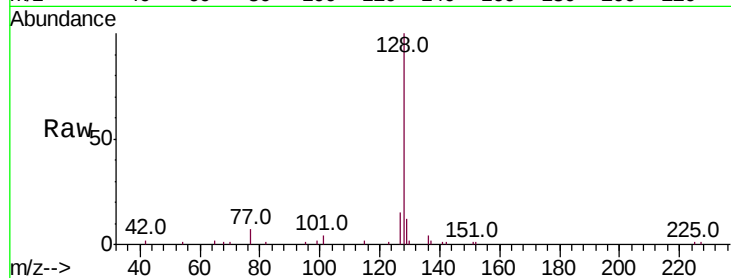
Tot Ion:128 Resp: 7576

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

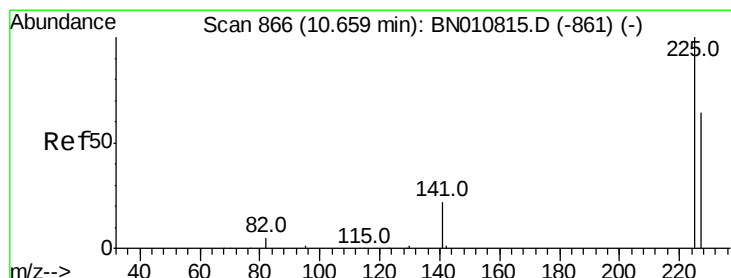
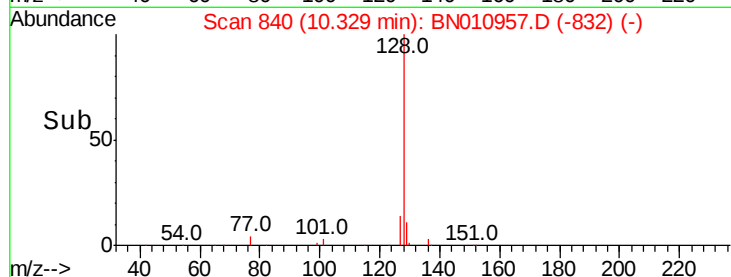
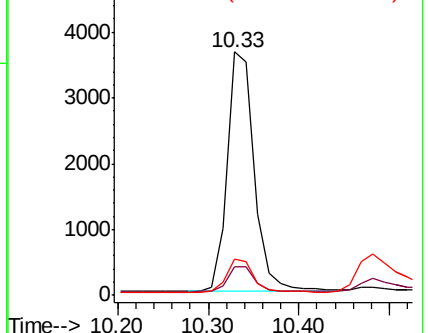
127 14.9 11.4 17.2



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: 0.404 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

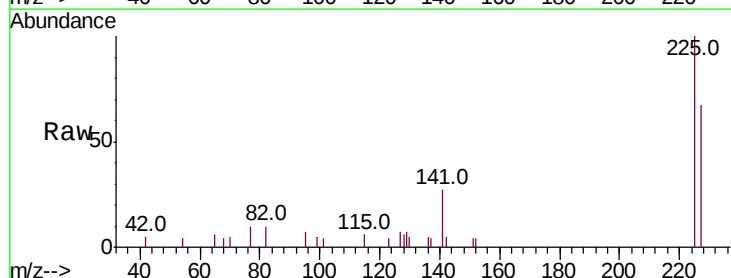
Tgt Ion:225 Resp: 1789

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

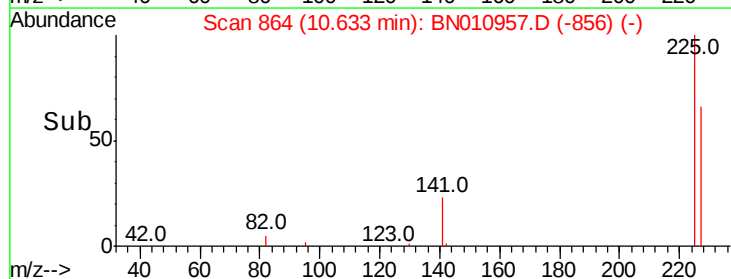
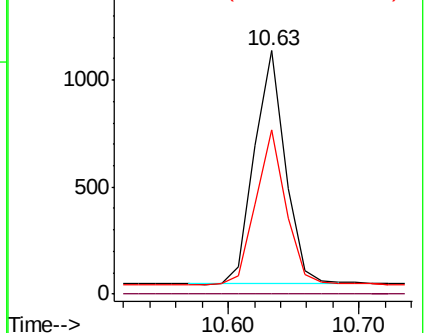
227 64.2 50.5 75.7

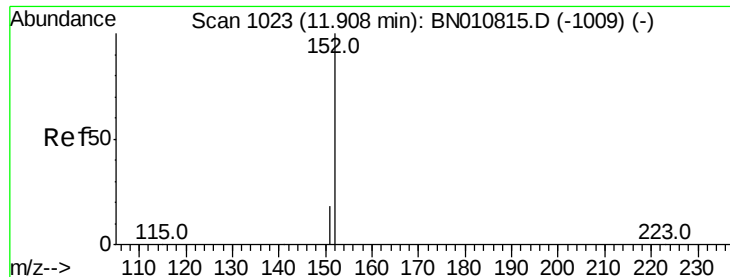


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

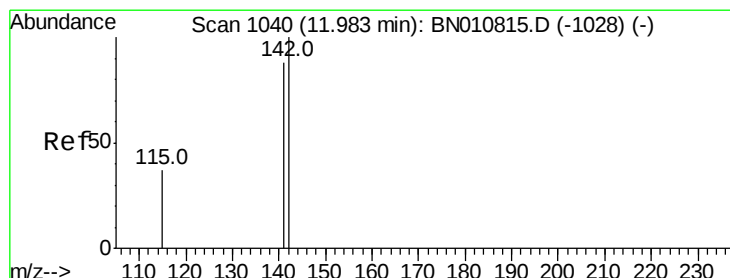
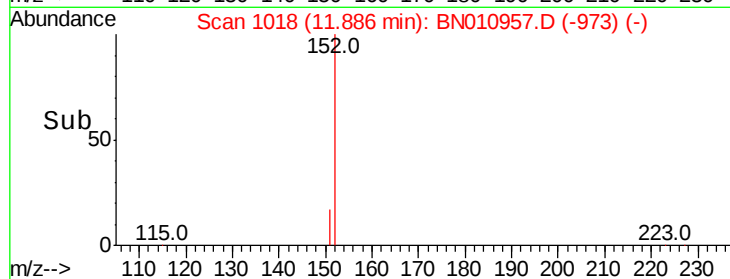
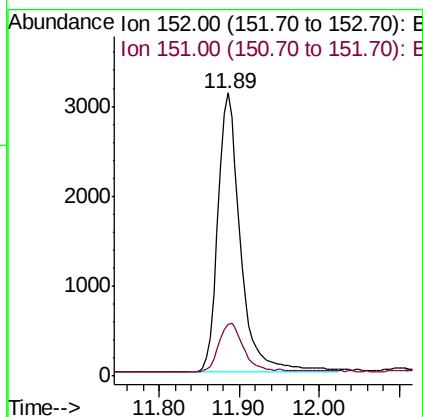
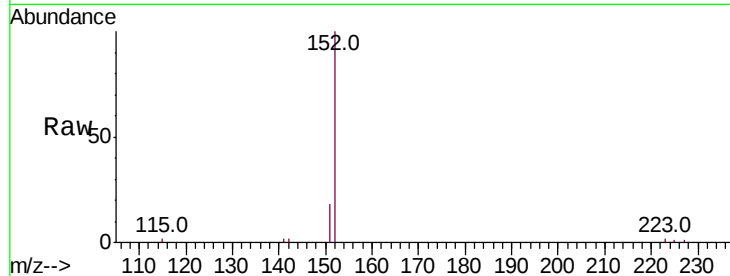




#11
 2-Methylnaphthalene-d10
 Concen: 0.548 ng
 RT: 11.89 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BN010957.D
 Acq: 18 Jun 2020 17:25

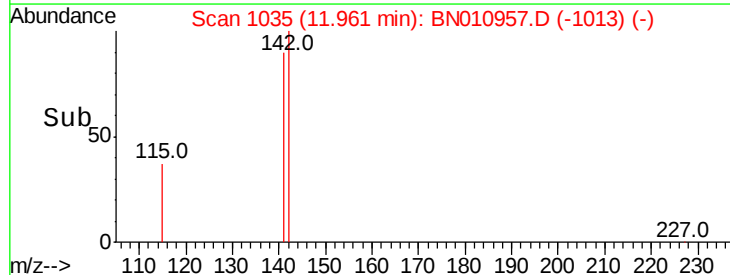
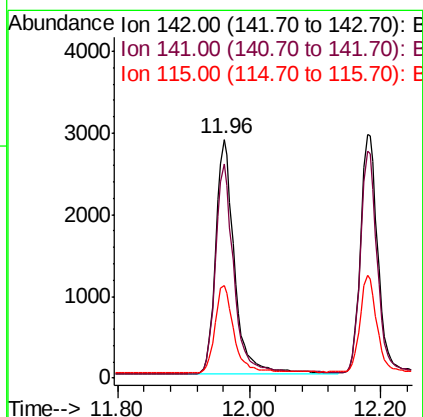
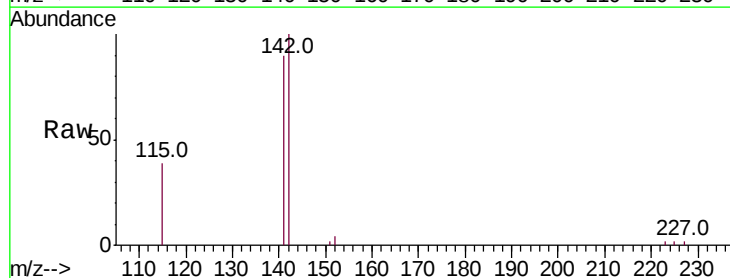
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

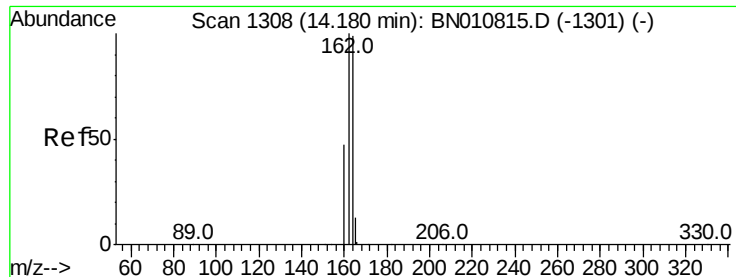
Tot Ion:152 Resp: 6066
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.474 ng
 RT: 11.96 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BN010957.D
 Acq: 18 Jun 2020 17:25

Tgt Ion:142 Resp: 5684
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 38.9 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

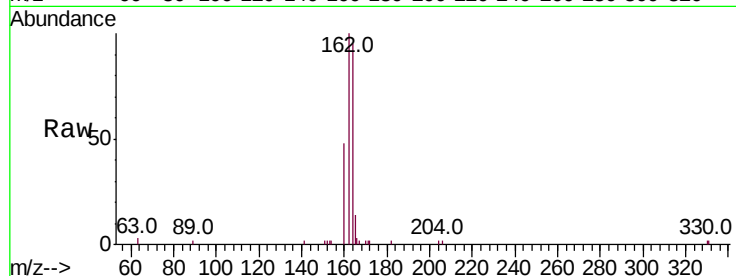
Tot Ion:164 Resp: 3845

Ion Ratio Lower Upper

164 100

162 105.4 81.0 121.6

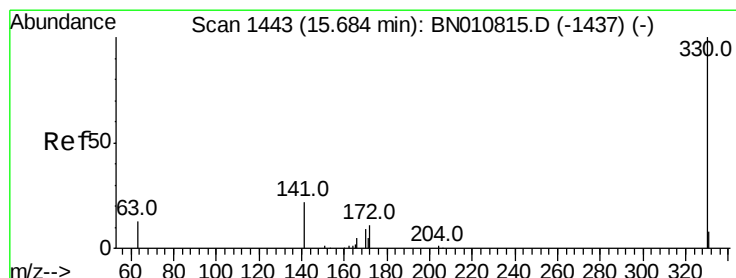
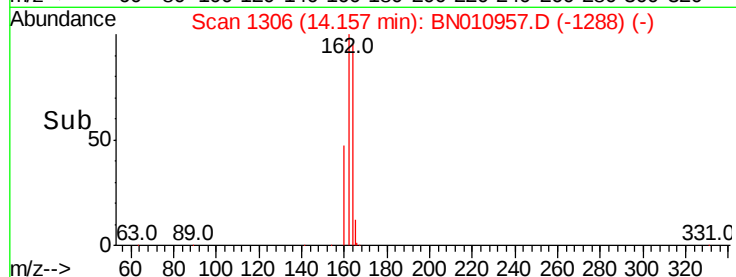
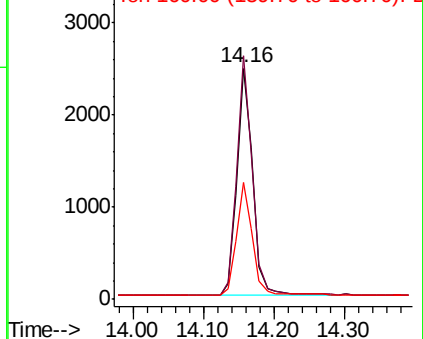
160 50.4 38.9 58.3



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: 0.417 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

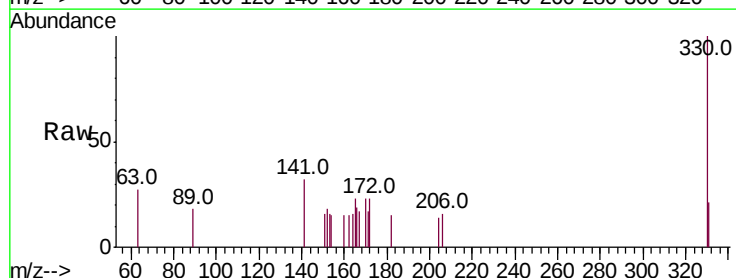
Tgt Ion:330 Resp: 573

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

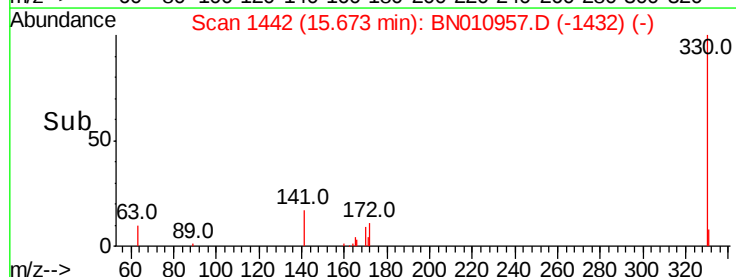
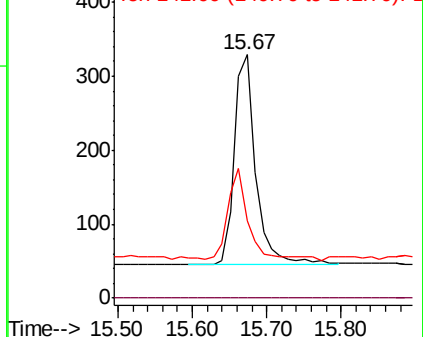
141 41.9 33.2 49.8

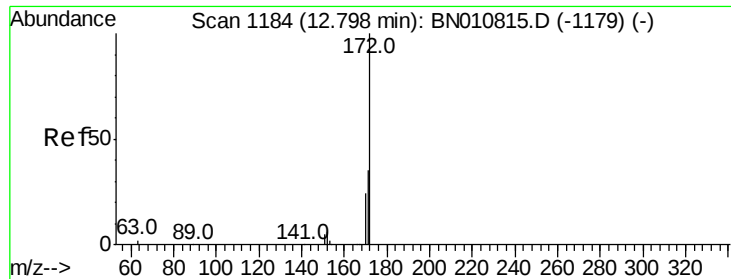


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

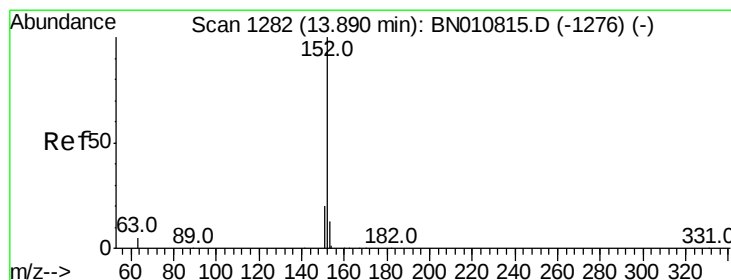
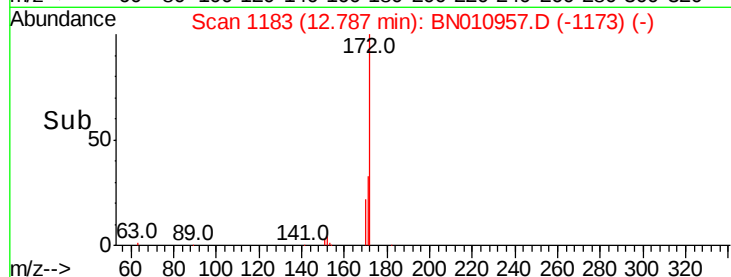
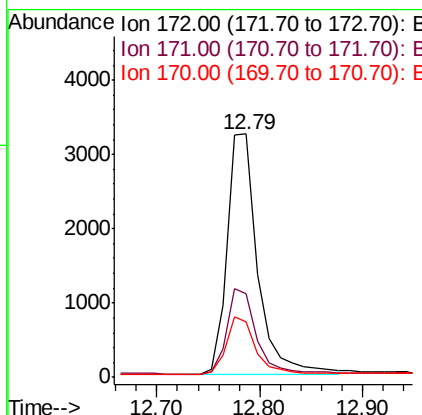
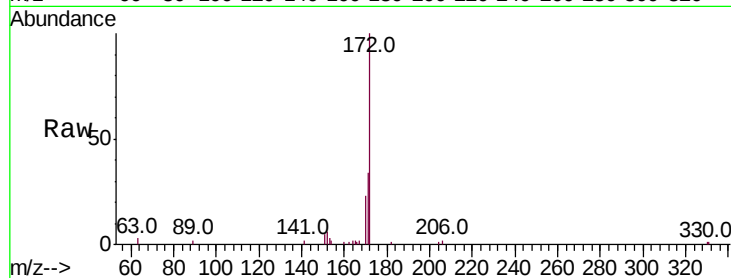




#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BN010957.D
Acq: 18 Jun 2020 17:25

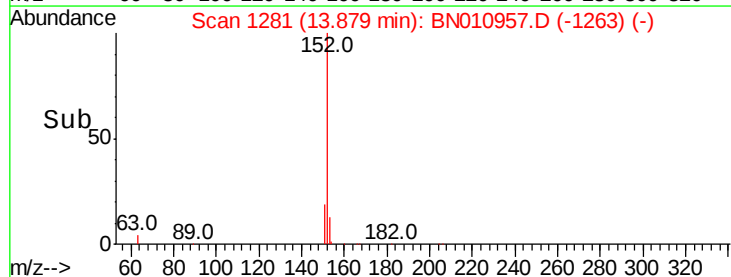
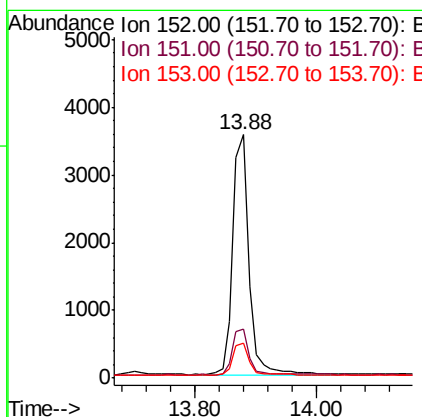
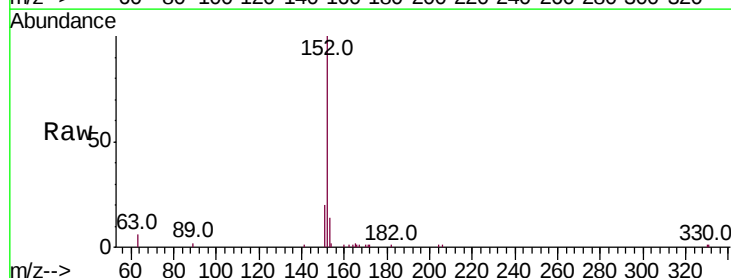
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

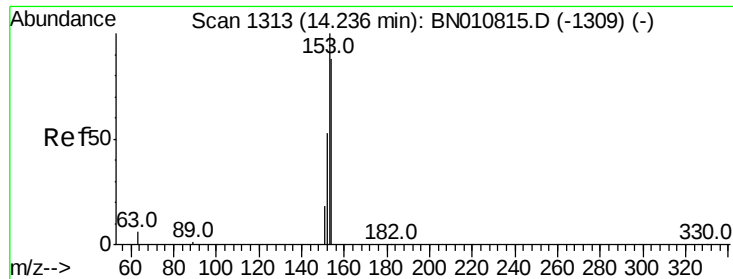
Tot Ion:172 Resp: 6643
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 22.8 19.7 29.5



#16
Acenaphthylene
Concen: 0.414 ng
RT: 13.88 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010957.D
Acq: 18 Jun 2020 17:25

Tgt Ion:152 Resp: 6520
Ion Ratio Lower Upper
152 100
151 19.0 15.6 23.4
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.420 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

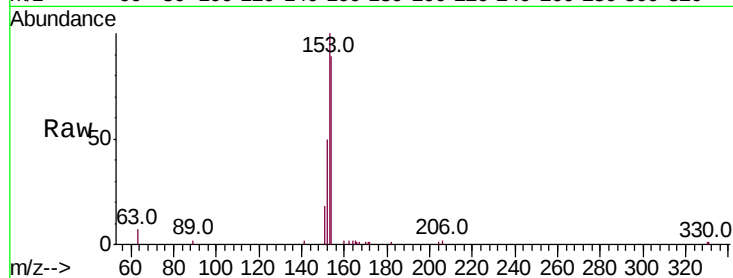
Tot Ion:154 Resp: 4511

Ion Ratio Lower Upper

154 100

153 116.2 91.8 137.6

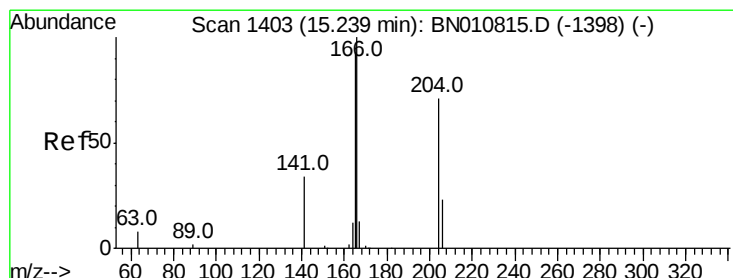
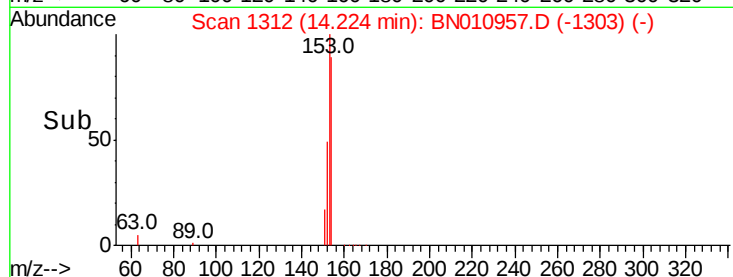
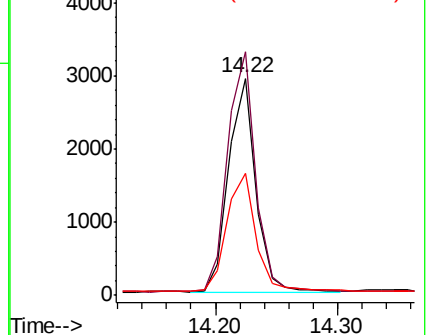
152 59.3 47.6 71.4



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: 0.415 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

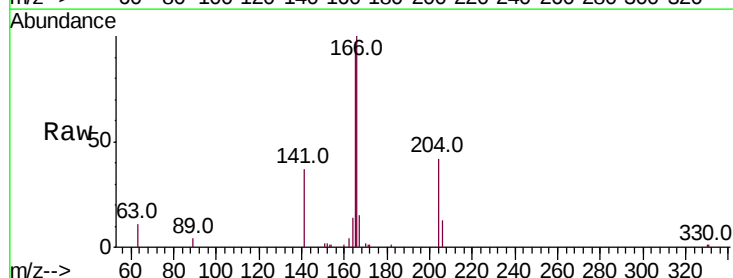
Tgt Ion:166 Resp: 5750

Ion Ratio Lower Upper

166 100

165 98.1 77.2 115.8

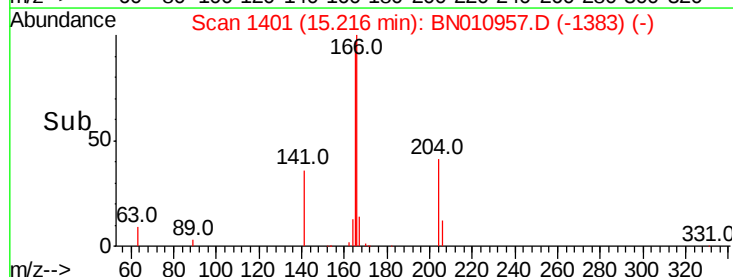
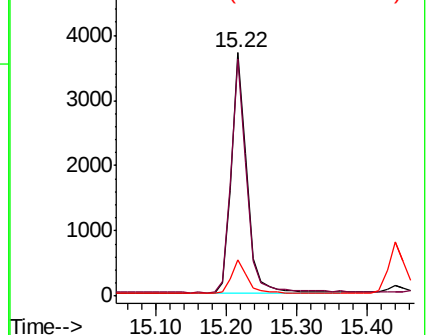
167 13.6 10.7 16.1

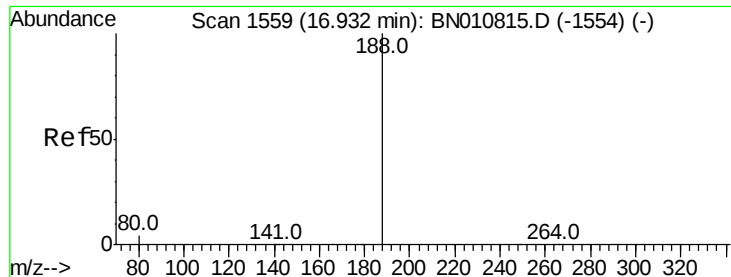


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1557

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

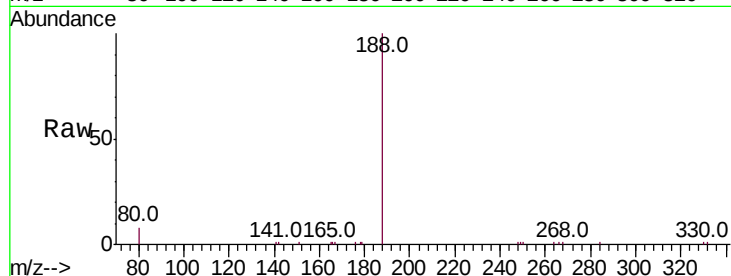
Tot Ion:188 Resp: 7819

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

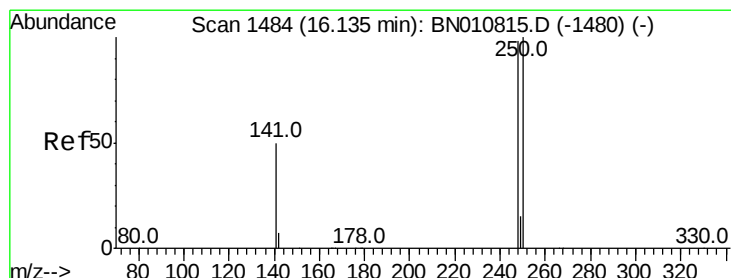
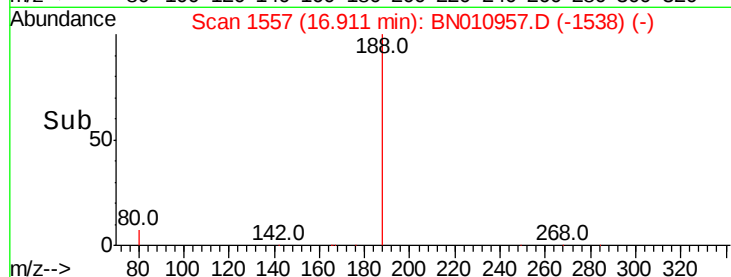
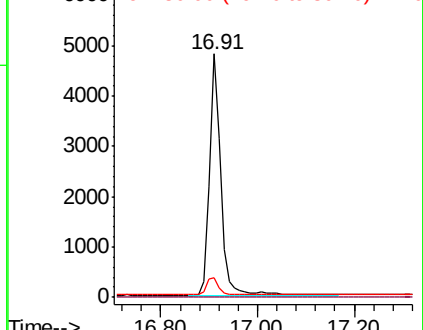
80 8.3 4.5 6.7#



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: 0.450 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

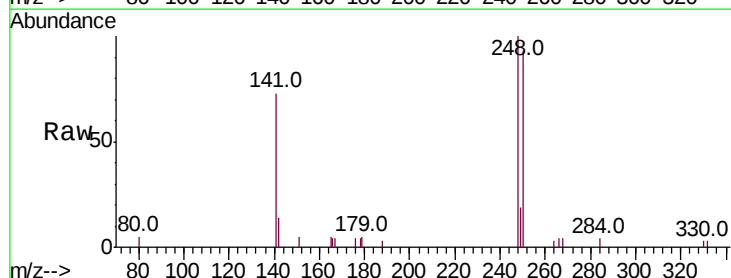
Tgt Ion:248 Resp: 2116

Ion Ratio Lower Upper

248 100

250 92.9 81.8 122.8

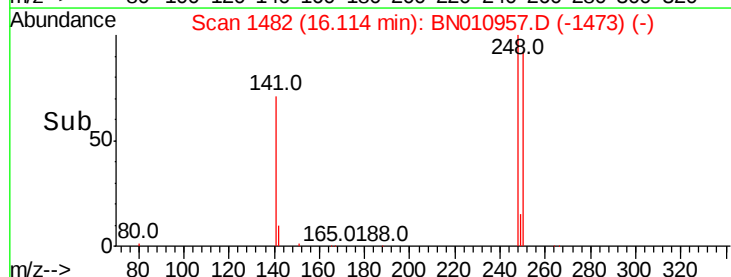
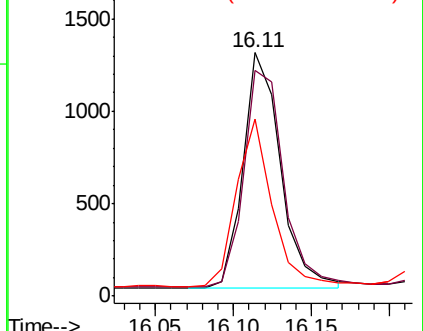
141 73.0 42.6 64.0#

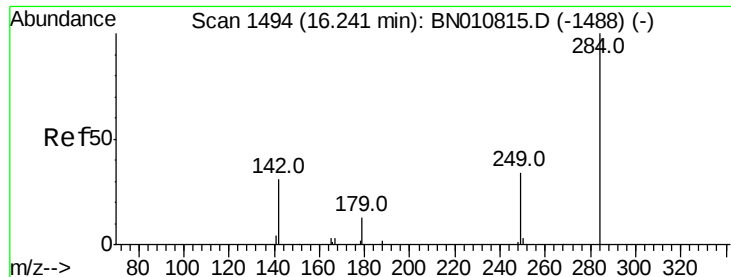


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

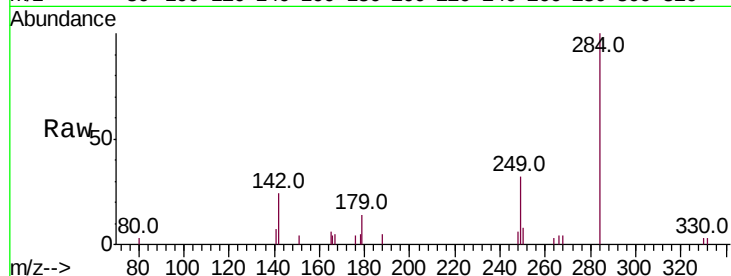




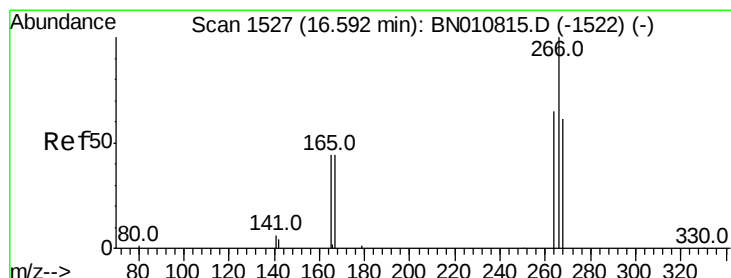
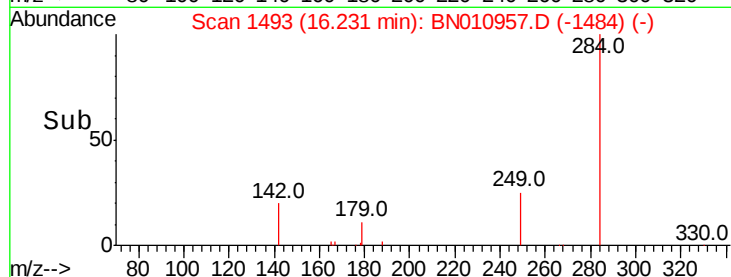
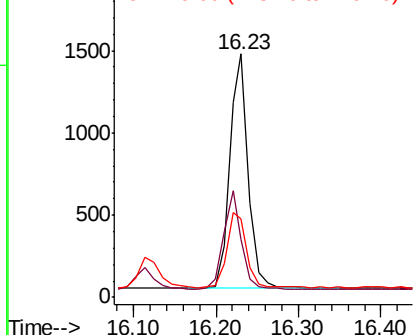
#21
Hexachlorobenzene
Concen: 0.457 ng
RT: 16.23 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010957.D
Acq: 18 Jun 2020 17:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 2240
Ion Ratio Lower Upper
284 100
142 40.4 31.0 46.4
249 34.6 27.1 40.7

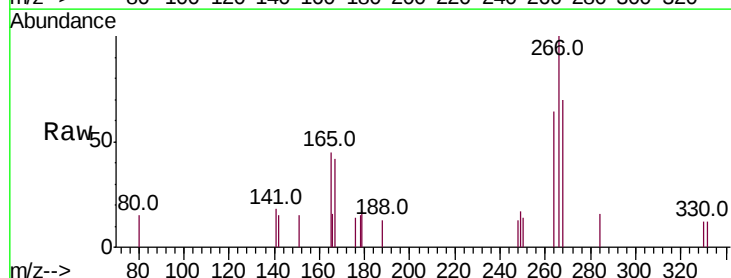


Abundance Ion 283.80 (283.50 to 284.50): E
2000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

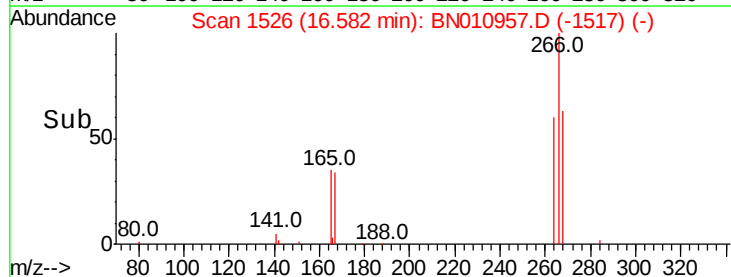
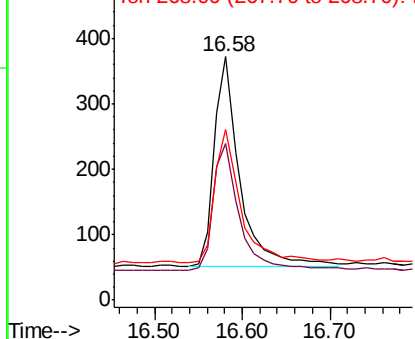


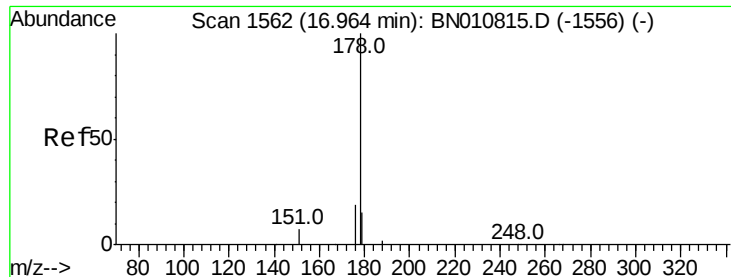
#22
Pentachlorophenol
Concen: 0.393 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010957.D
Acq: 18 Jun 2020 17:25

Tgt Ion:266 Resp: 647
Ion Ratio Lower Upper
266 100
264 64.2 54.8 82.2
268 69.9 55.9 83.9



Abundance Ion 266.00 (265.70 to 266.70): E
500 Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.406 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

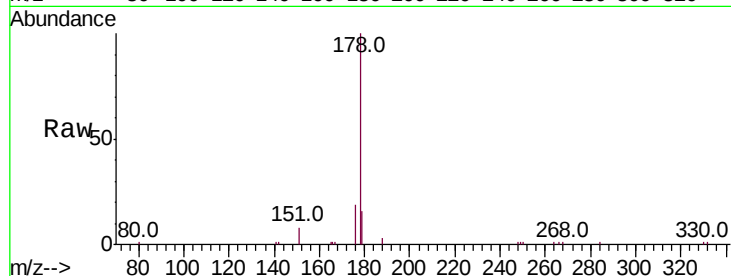
Tot Ion:178 Resp: 8671

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

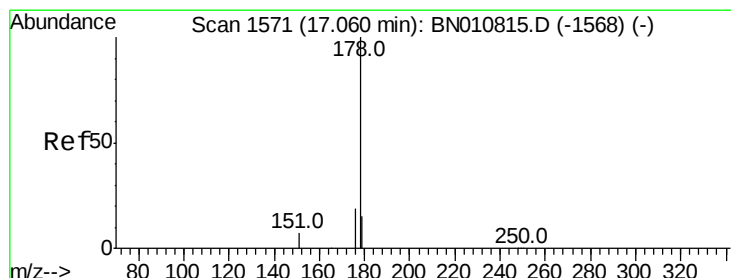
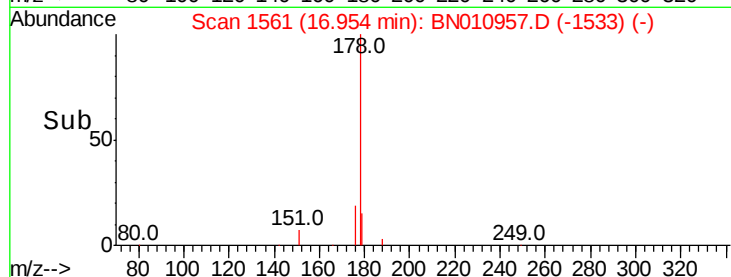
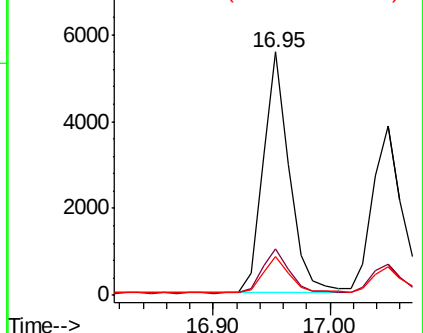
179 15.1 12.6 19.0



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: 0.399 ng

RT: 17.05 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

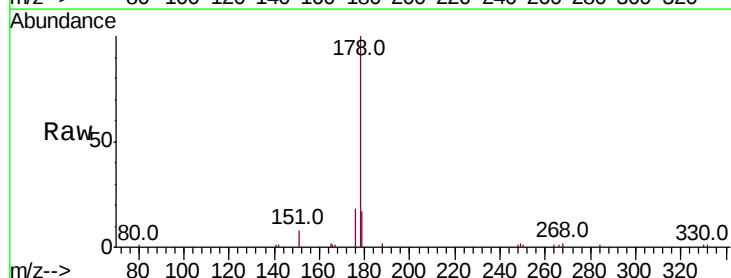
Tgt Ion:178 Resp: 7120

Ion Ratio Lower Upper

178 100

176 17.4 14.6 22.0

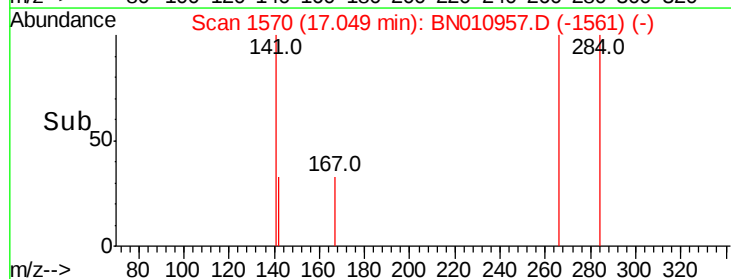
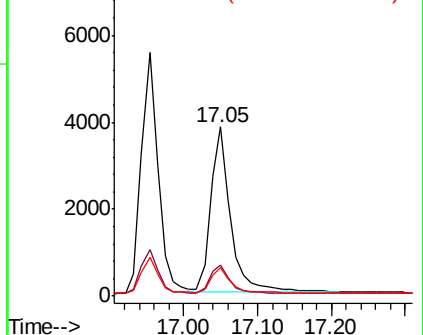
179 15.1 12.3 18.5

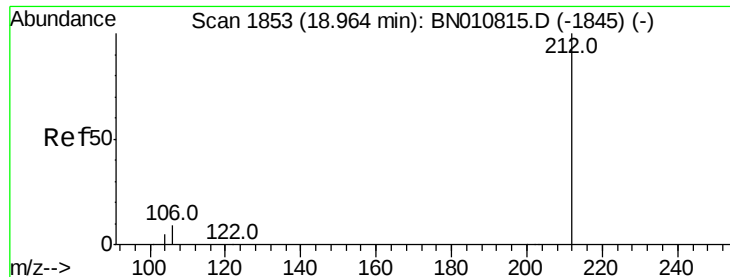


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.476 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

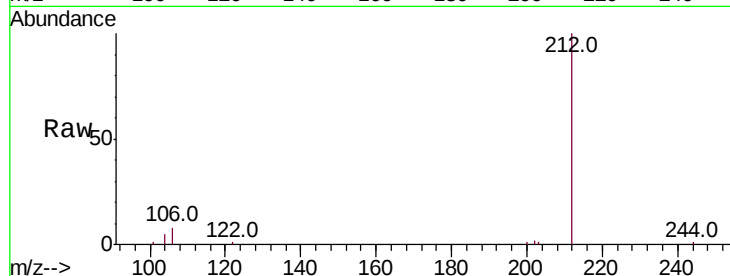
Tot Ion:212 Resp: 10277

Ion Ratio Lower Upper

212 100

106 8.9 6.6 10.0

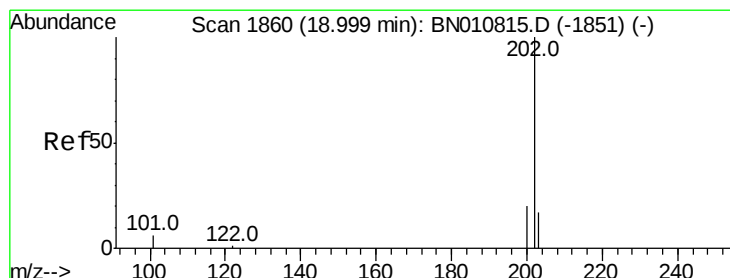
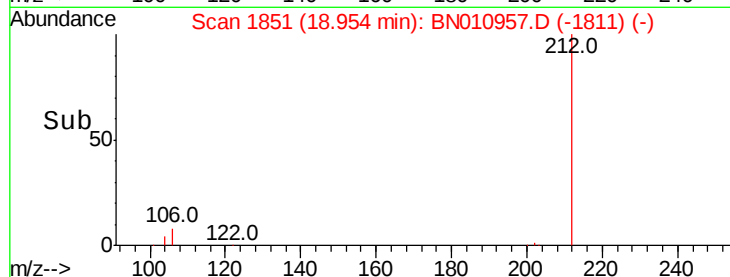
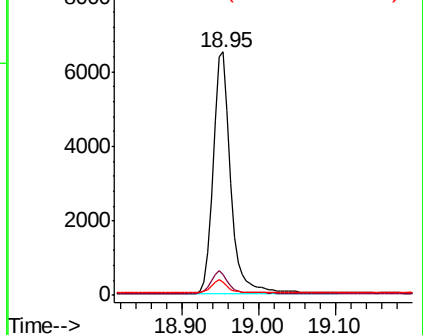
104 5.1 4.0 6.0



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: 0.401 ng

RT: 18.98 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

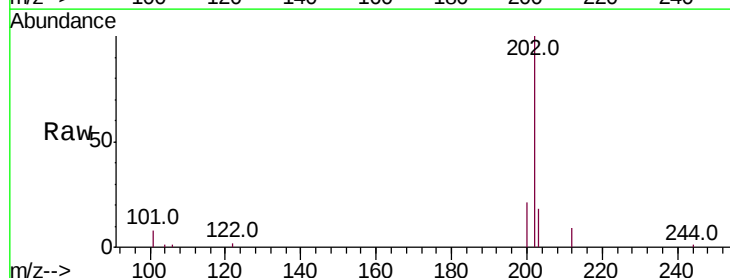
Tgt Ion:202 Resp: 9712

Ion Ratio Lower Upper

202 100

101 7.6 5.8 8.6

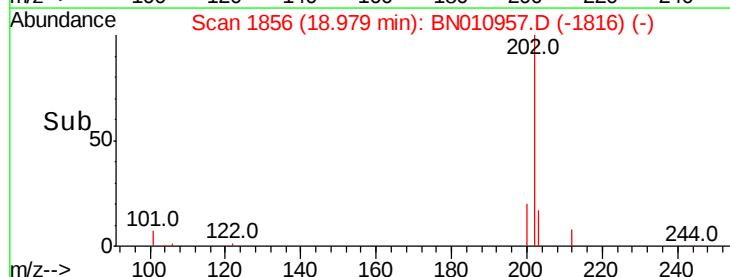
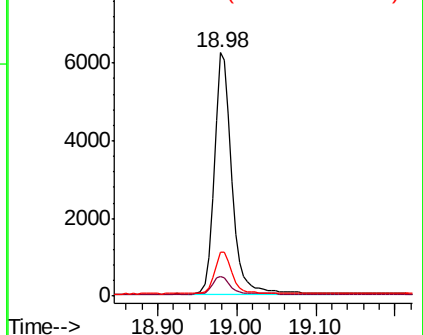
203 17.1 13.7 20.5

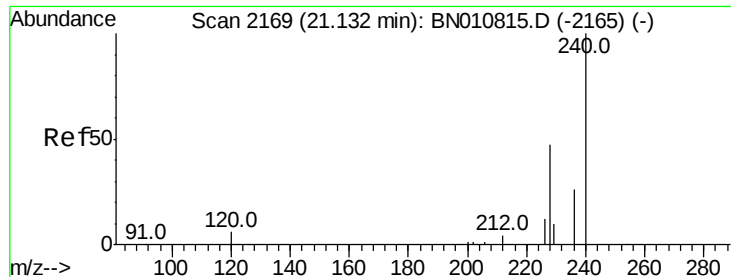


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

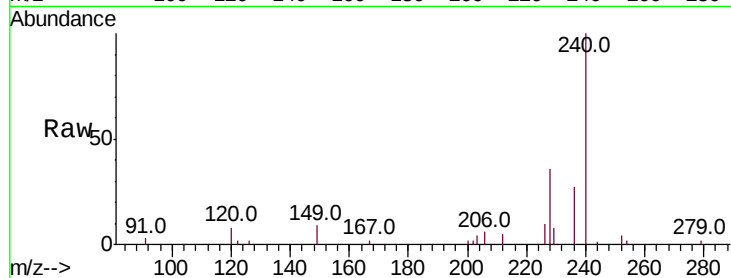




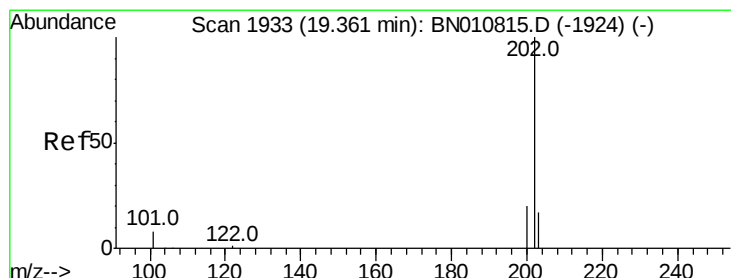
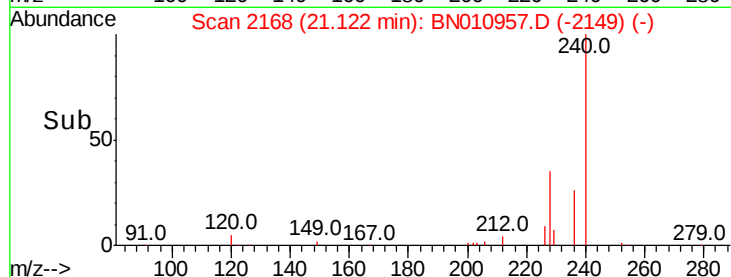
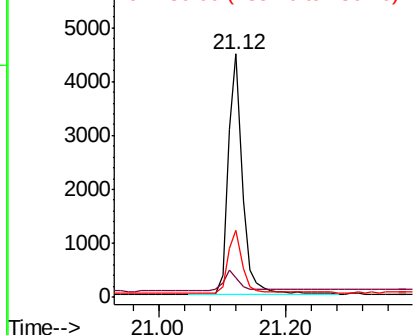
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010957.D
Acq: 18 Jun 2020 17:25

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 6921
Ion Ratio Lower Upper
240 100
120 7.8 7.5 11.3
236 27.5 22.3 33.5

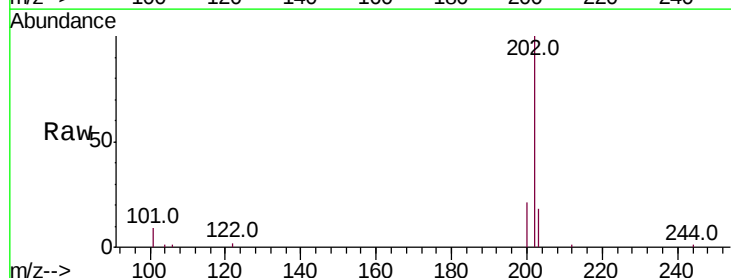


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

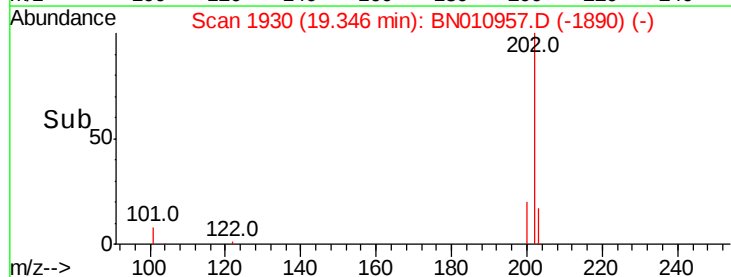
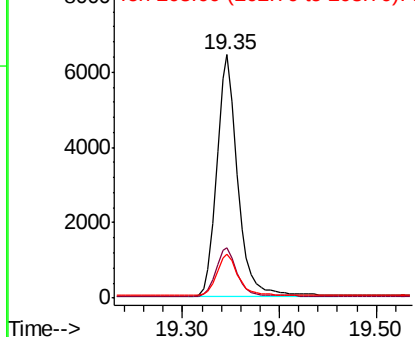


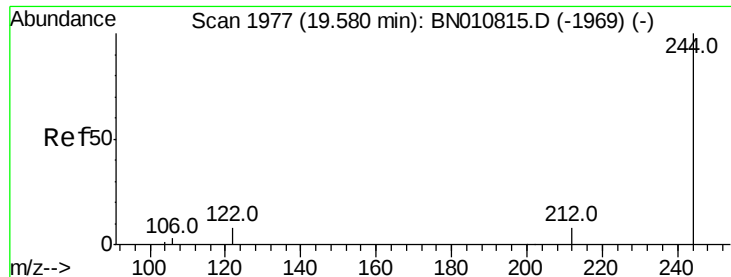
#28
Pyrene
Concen: 0.421 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN010957.D
Acq: 18 Jun 2020 17:25

Tgt Ion:202 Resp: 9629
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.9 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: 0.467 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

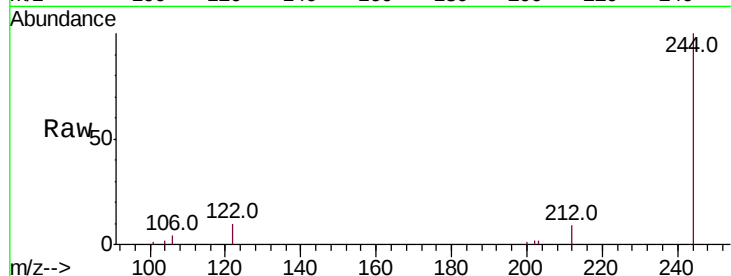
Tot Ion:244 Resp: 7561

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.2

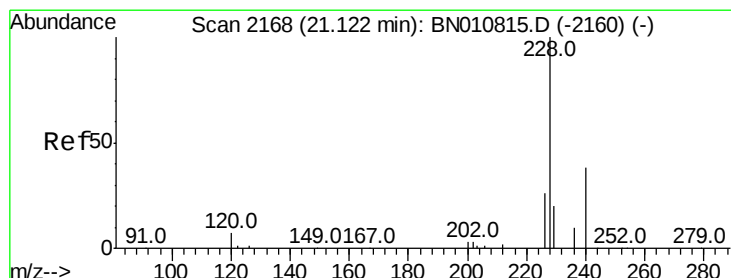
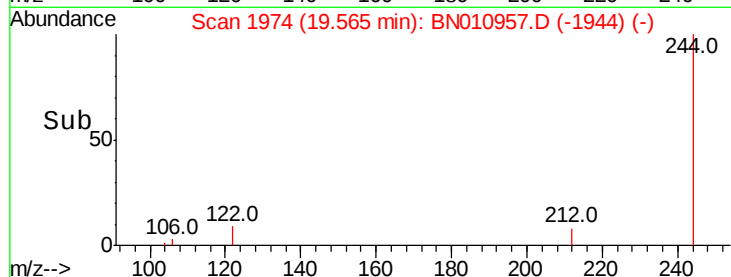
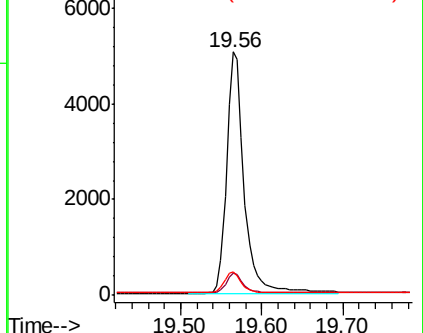
122 9.8 7.5 11.3



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: 0.407 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

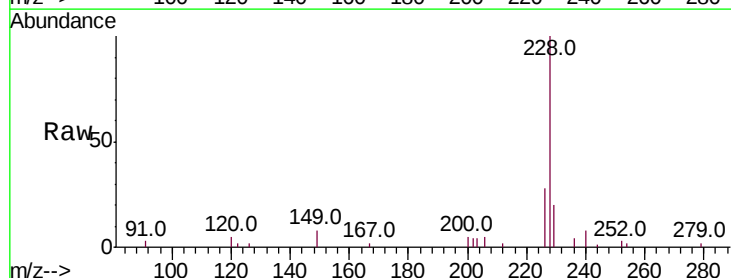
Tgt Ion:228 Resp: 8288

Ion Ratio Lower Upper

228 100

226 28.1 21.3 31.9

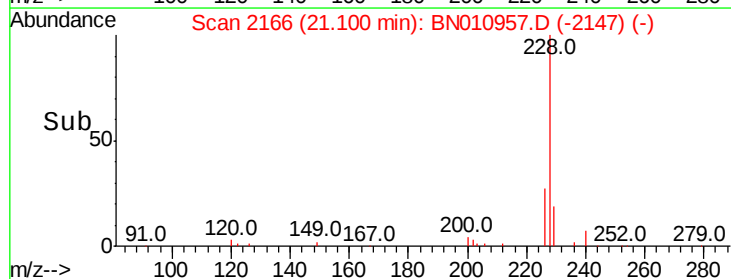
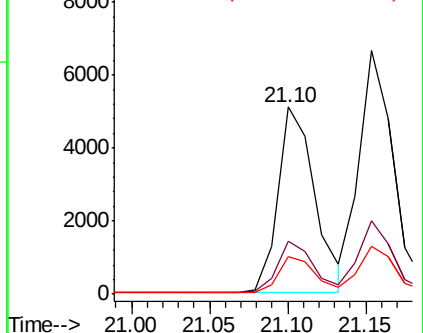
229 19.9 16.6 24.8

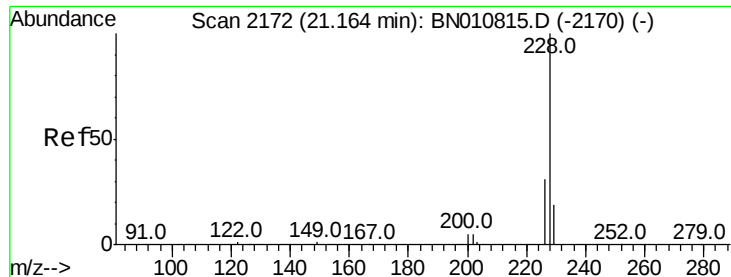


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.426 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

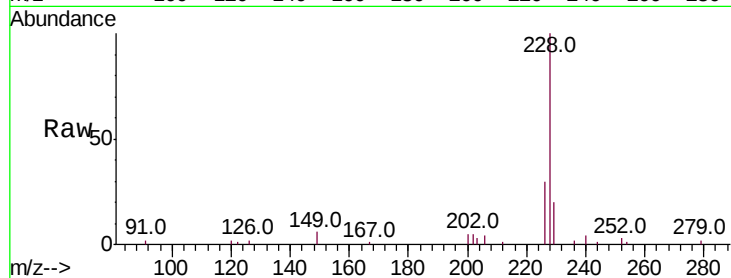
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 10100

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.6	16.1	24.1

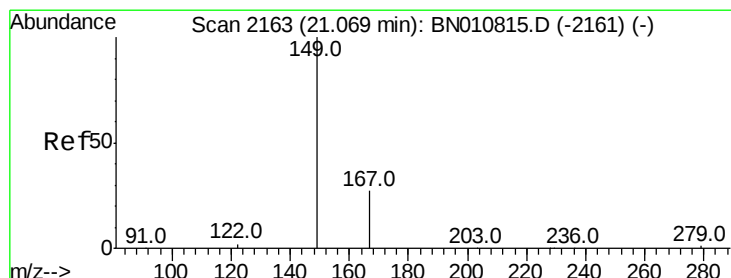
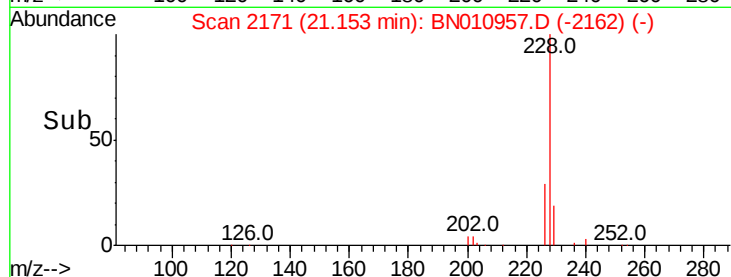
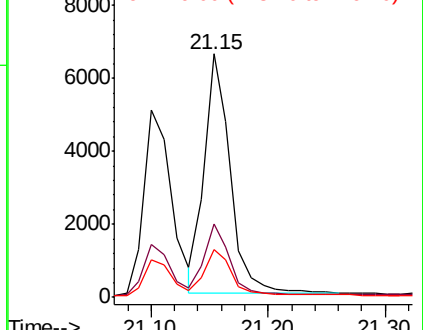


Abundance

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: 0.444 ng

RT: 21.06 min Scan# 2162

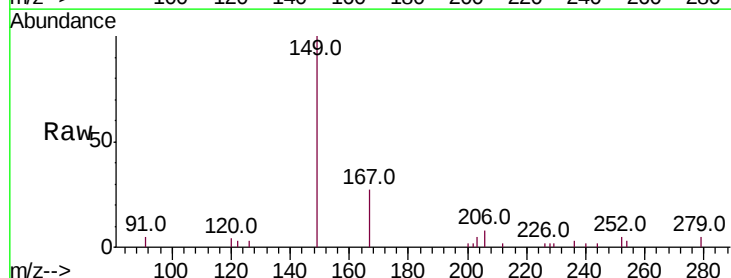
Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Tgt Ion:149 Resp: 3013

Ion	Ratio	Lower	Upper
149	100		
167	28.0	24.1	36.1
279	4.9	4.6	7.0

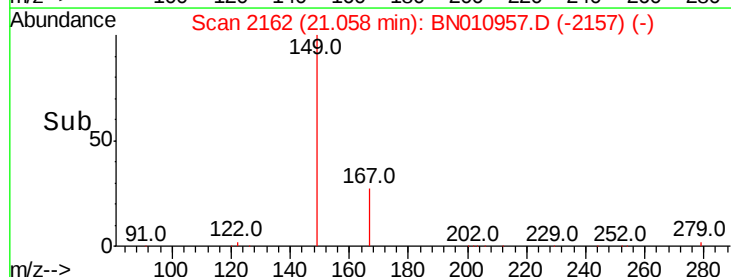
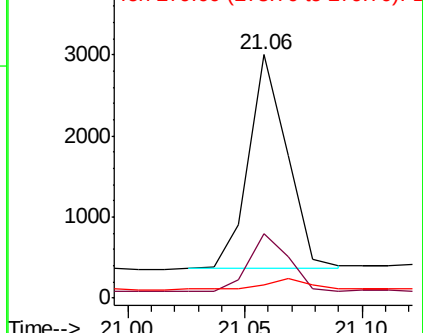


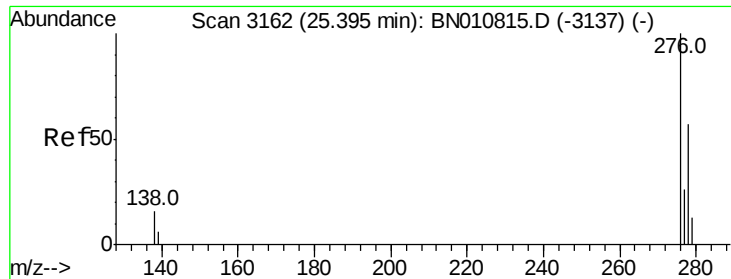
Abundance

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: 0.456 ng

RT: 25.37 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

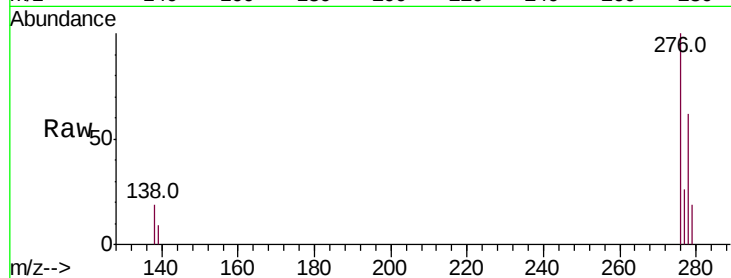
Tot Ion:276 Resp: 12074

Ion Ratio Lower Upper

276 100

138 17.3 13.0 19.6

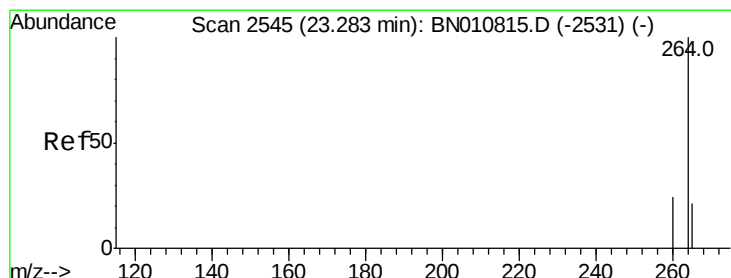
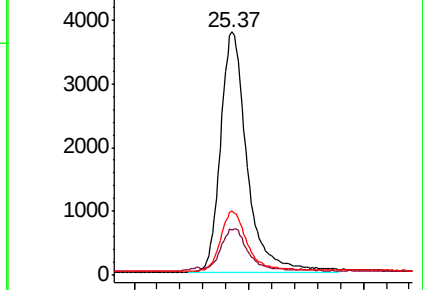
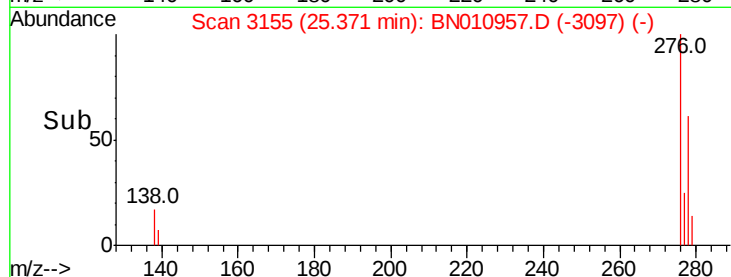
277 24.9 19.7 29.5



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: 23.27 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

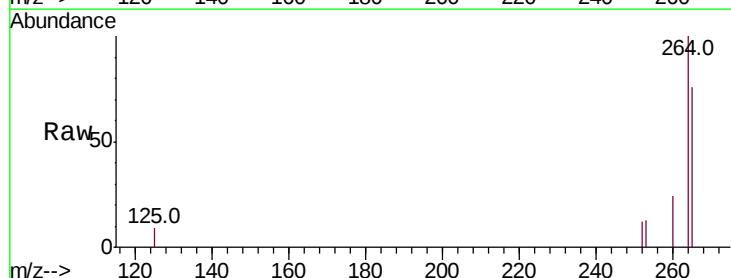
Tgt Ion:264 Resp: 7477

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

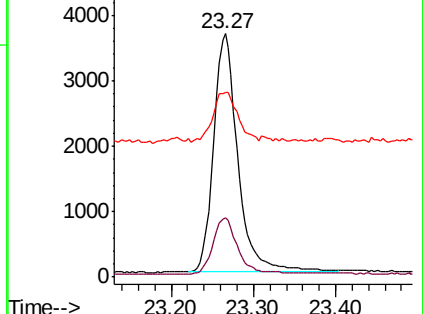
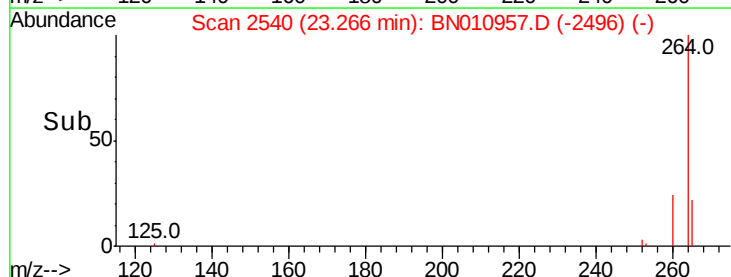
265 76.0 75.0 112.4

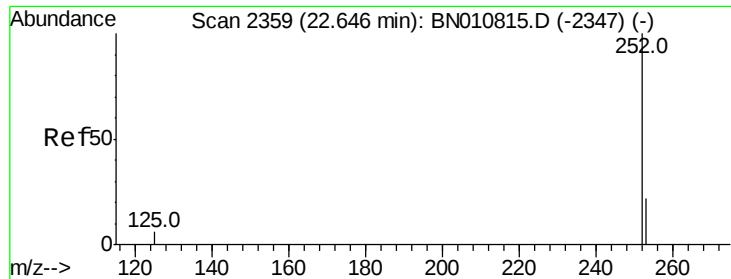


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 22.63 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

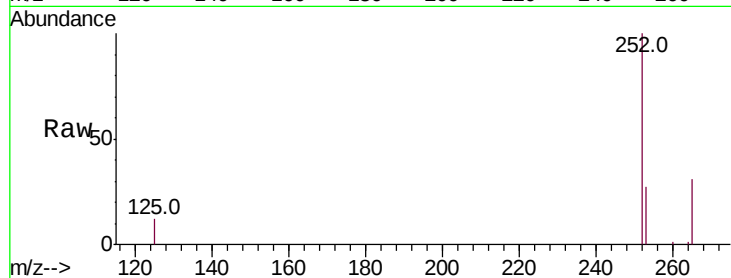
Tot Ion:252 Resp: 9588

Ion Ratio Lower Upper

252 100

253 27.0 22.4 33.6

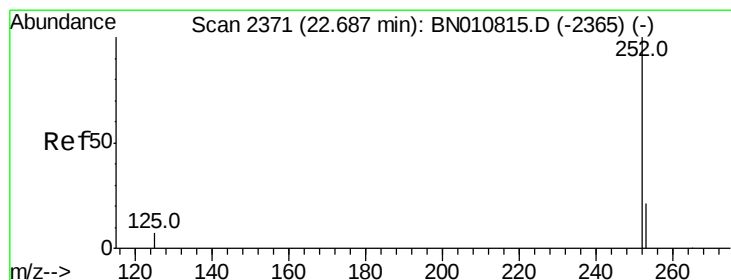
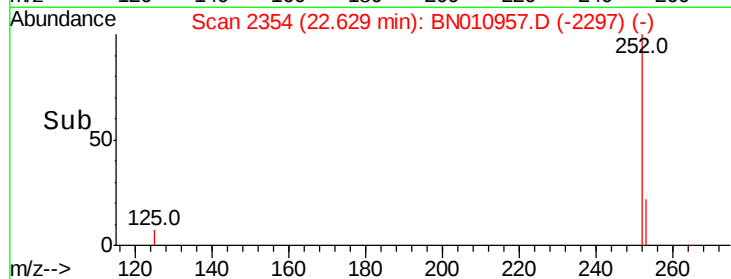
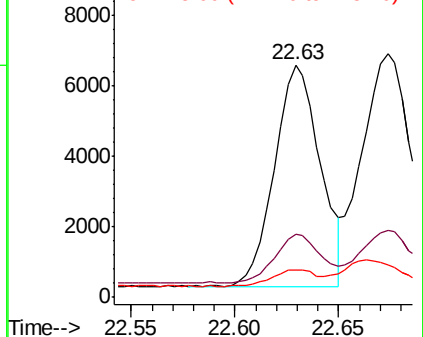
125 11.6 9.4 14.0



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: 0.437 ng

RT: 22.67 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

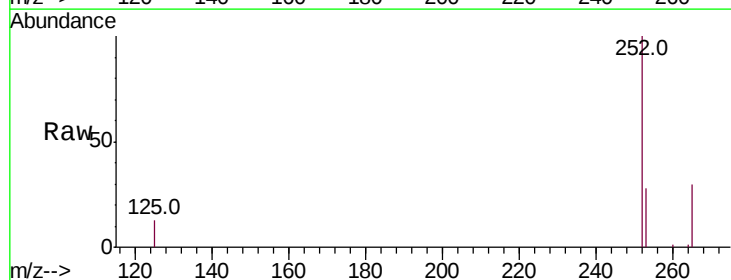
Tgt Ion:252 Resp: 11841

Ion Ratio Lower Upper

252 100

253 27.7 22.2 33.4

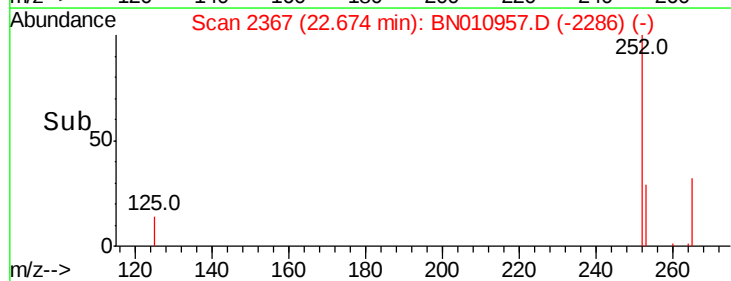
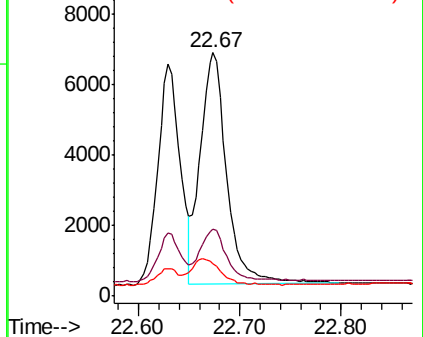
125 13.2 9.8 14.8

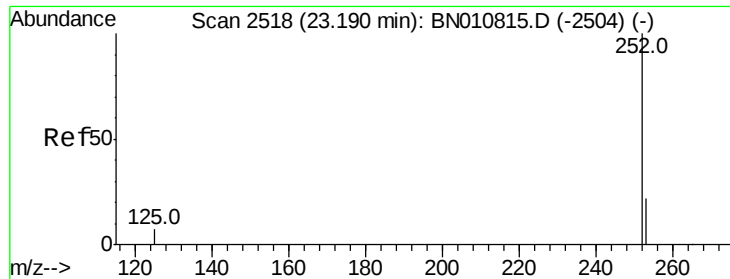


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.414 ng

RT: 23.17 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

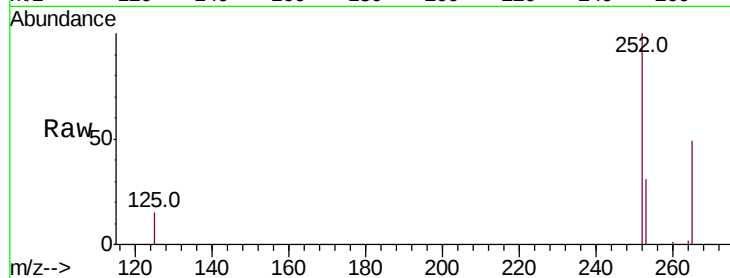
Tot Ion:252 Resp: 9034

Ion Ratio Lower Upper

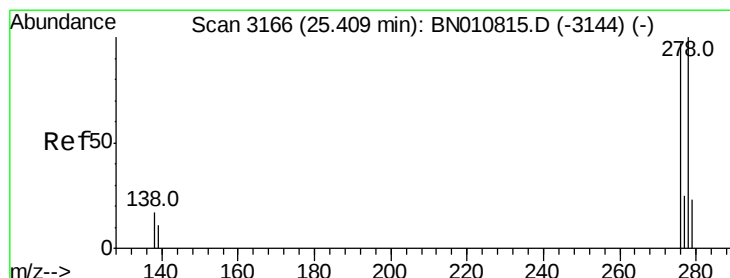
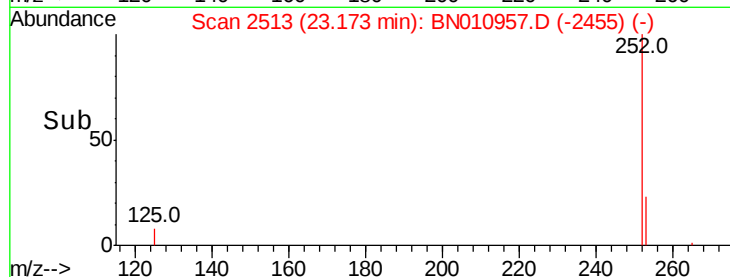
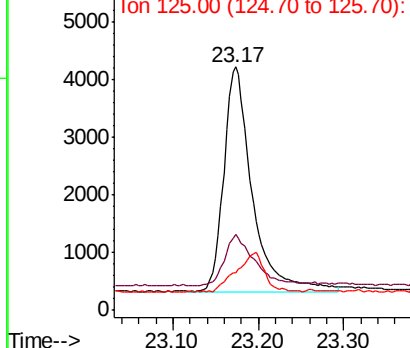
252 100

253 31.0 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: 0.385 ng

RT: 25.38 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

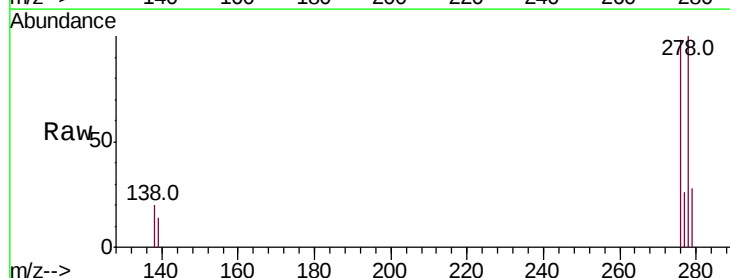
Tgt Ion:278 Resp: 9570

Ion Ratio Lower Upper

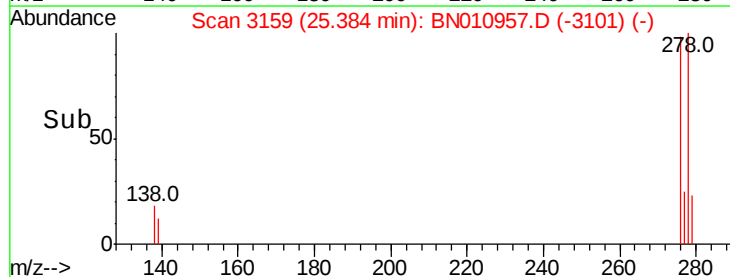
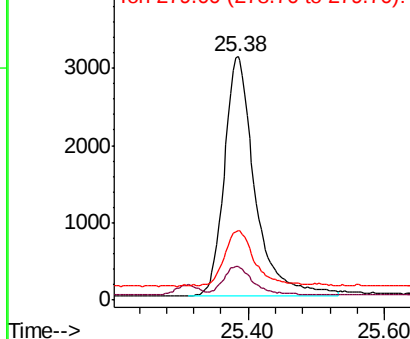
278 100

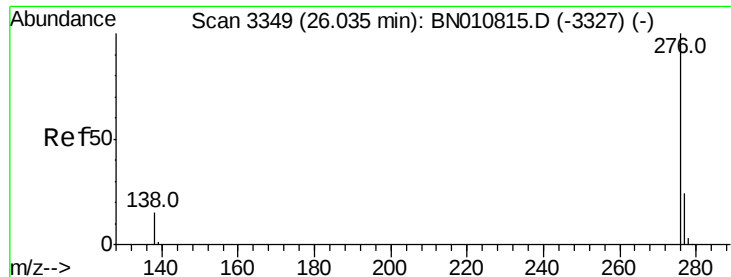
139 13.6 10.6 15.8

279 28.3 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: 0.384 ng

RT: 26.00 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BN010957.D

Acq: 18 Jun 2020 17:25

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

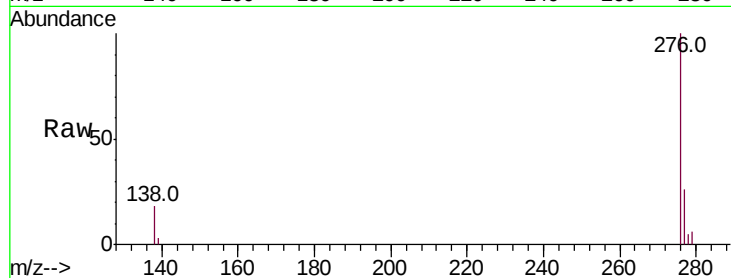
Tot Ion:276 Resp: 9973

Ion Ratio Lower Upper

276 100

277 25.5 20.5 30.7

138 17.5 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

