

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007110.D
 Acq On : 13 Aug 2019 02:06
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 13 06:28:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9093	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	34780	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	19857	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	46799	0.40	ng	0.00
26) Chrysene-d12	21.05	240	48300	0.40	ng	-0.01
32) Perylene-d12	23.15	264	53122	0.40	ng	-0.02

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	8810	0.40	ng	0.00
4) Phenol-d6	6.61	99	11411	0.42	ng	0.00
7) Nitrobenzene-d5	8.56	82	10964	0.39	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	24191	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	3302	0.31	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5944	0.21	ng	0.00
24) Fluoranthene-d10	18.87	212	60121	0.36	ng	0.00
28) Terphenyl-d14	19.49	244	52170	0.40	ng	-0.01

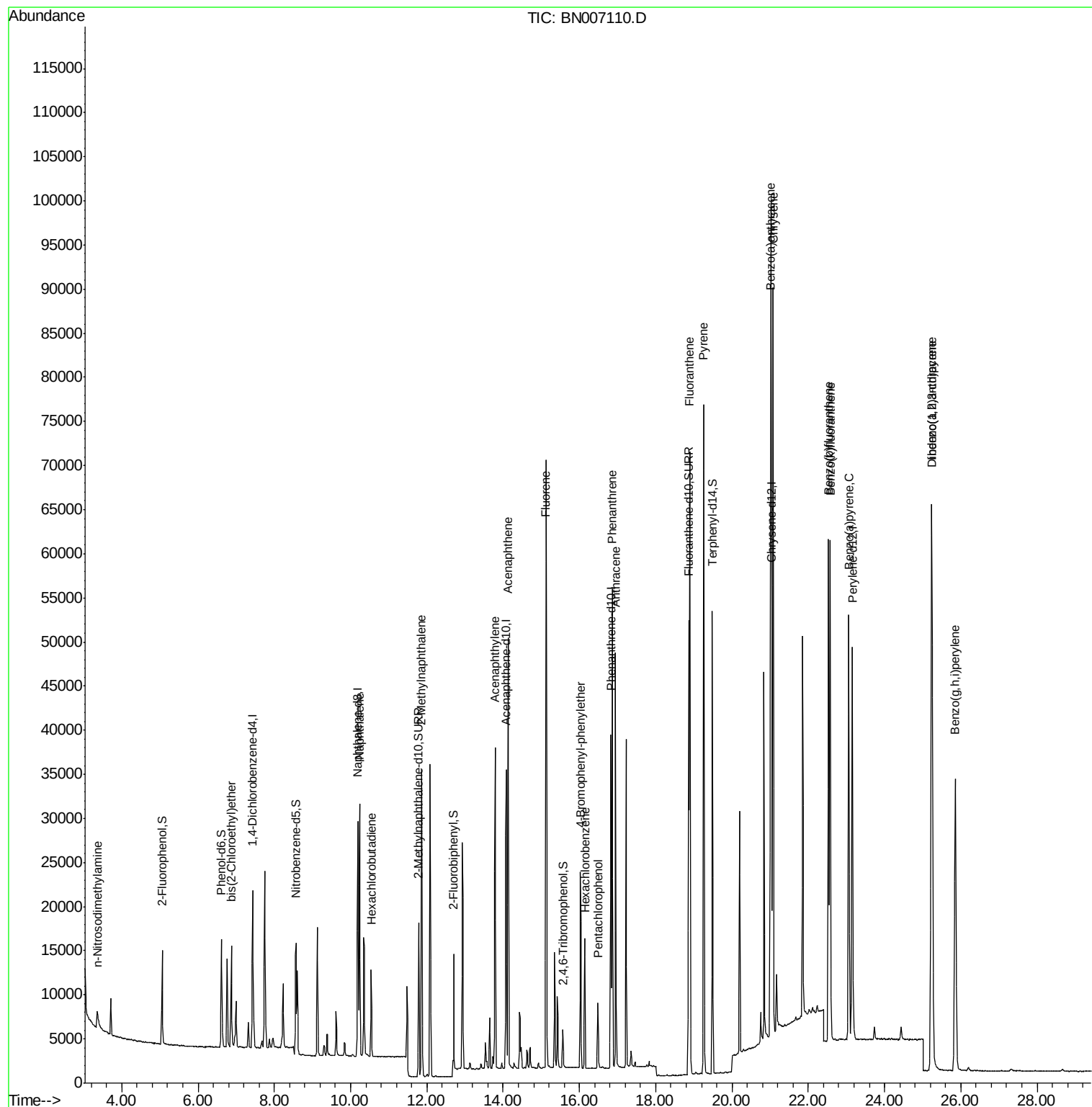
Target Compounds				Qvalue		
2) n-Nitrosodimethylamine	3.36	42	2077	0.347	ng	# 98
5) bis(2-Chloroethyl)ether	6.87	93	9600	0.401	ng	99
8) Naphthalene	10.24	128	36860	0.378	ng	99
9) Hexachlorobutadiene	10.54	225	7929	0.381	ng	# 99
11) 2-Methylnaphthalene	11.87	142	25788	0.373	ng	99
15) Acenaphthylene	13.79	152	40087	0.386	ng	100
16) Acenaphthene	14.13	154	24877	0.374	ng	99
17) Fluorene	15.12	166	32601	0.328	ng	100
19) 4-Bromophenyl-phenylether	16.03	248	11462	0.396	ng	# 83
20) Hexachlorobenzene	16.14	284	11458	0.412	ng	100
21) Pentachlorophenol	16.48	266	3831	0.369	ng	97
22) Phenanthrene	16.87	178	54980	0.392	ng	100
23) Anthracene	16.95	178	49480	0.386	ng	100
25) Fluoranthene	18.90	202	66025	0.368	ng	100
27) Pyrene	19.26	202	67519	0.399	ng	100
29) Benzo(a)anthracene	21.02	228	68536	0.388	ng	99
30) Chrysene	21.08	228	68345	0.398	ng	100
31) Indeno(1,2,3-cd)pyrene	25.23	276	80771	0.427	ng	99
33) Benzo(b)fluoranthene	22.53	252	71249	0.391	ng	100
34) Benzo(k)fluoranthene	22.58	252	67314	0.374	ng	99
35) Benzo(a)pyrene	23.06	252	64775	0.392	ng	100
36) Dibenzo(a,h)anthracene	25.25	278	65423	0.397	ng	98
37) Benzo(g,h,i)perylene	25.85	276	66030	0.390	ng	99

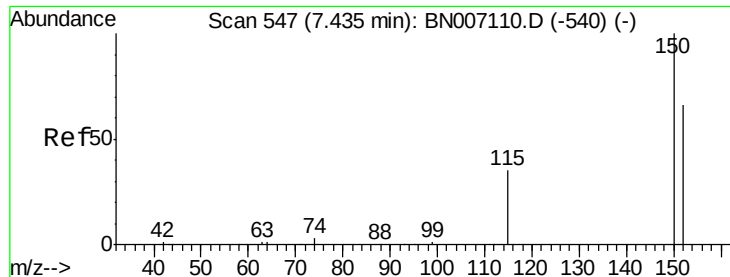
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
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Misc :
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Instrument :
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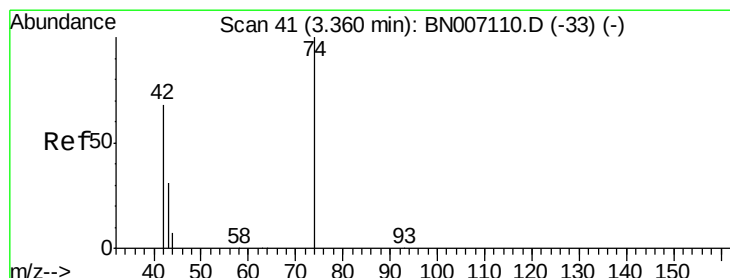
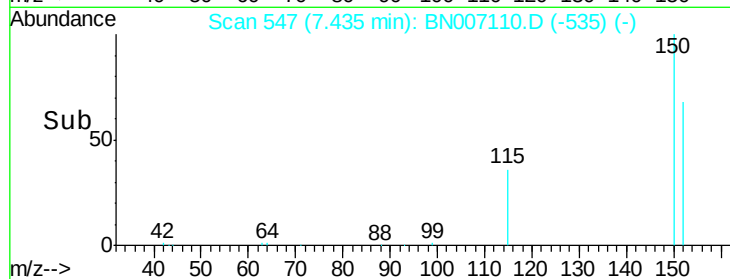
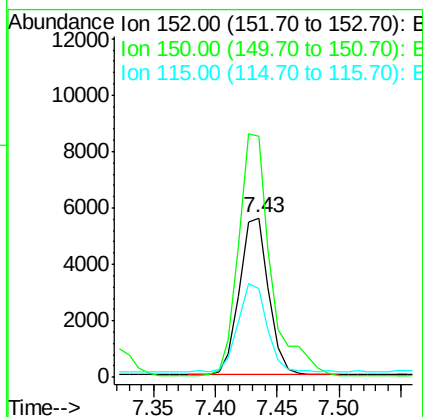
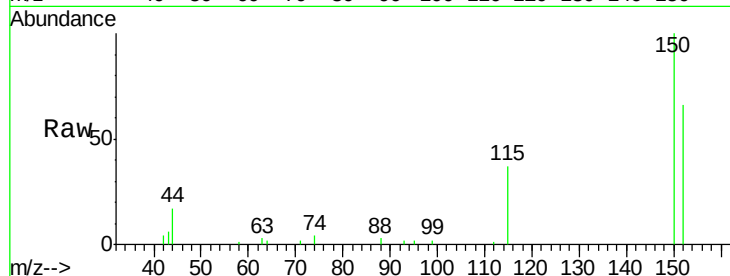


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

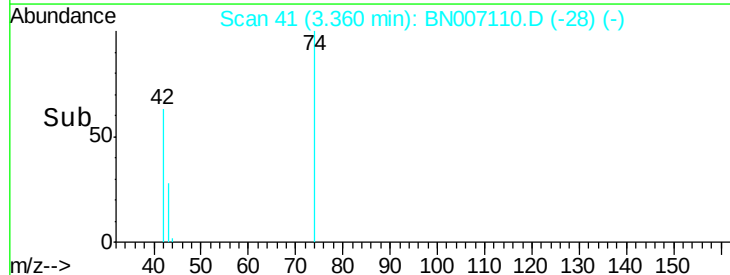
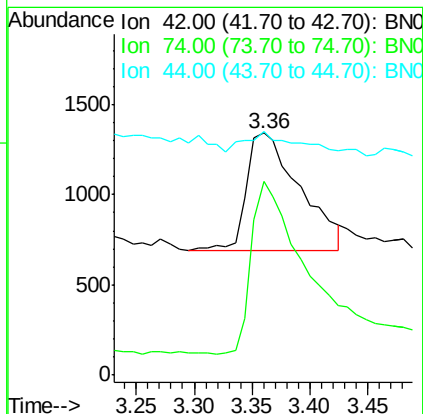
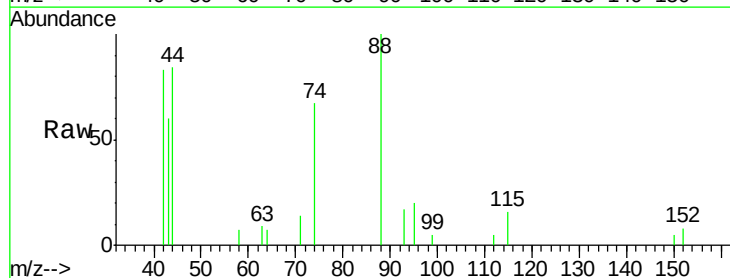
Tot Ion:152 Resp: 9093
Ion Ratio Lower Upper
152 100
150 150.9 121.7 182.5
115 56.1 46.2 69.4

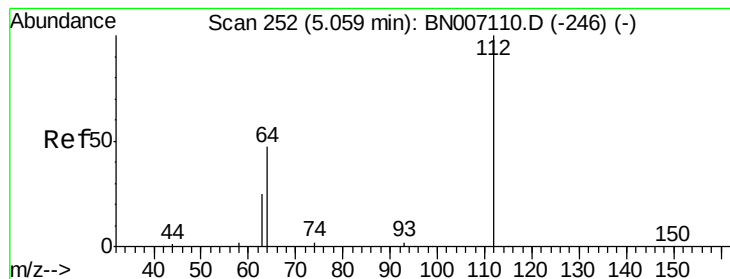


#2

n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Tgt Ion: 42 Resp: 2077
Ion Ratio Lower Upper
42 100
74 141.3 110.6 166.0
44 14.3 0.0 0.0#





#3

2-Fluorophenol

Concen: 0.403 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

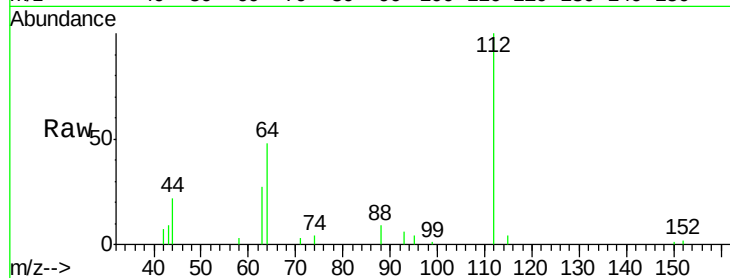
Tot Ion: 112 Resp: 8810

Ion Ratio Lower Upper

112 100

64 51.9 42.6 63.8

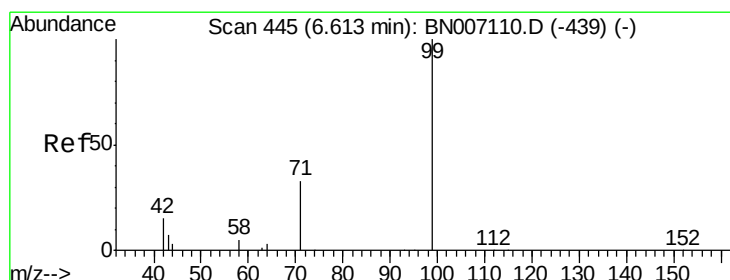
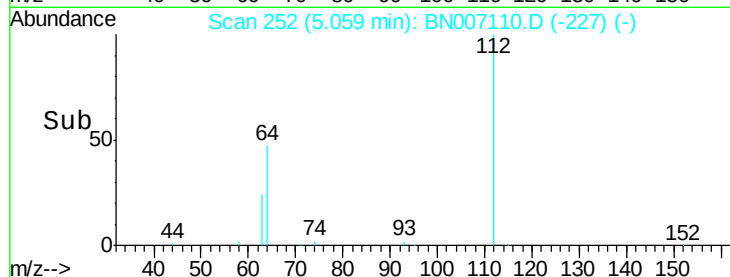
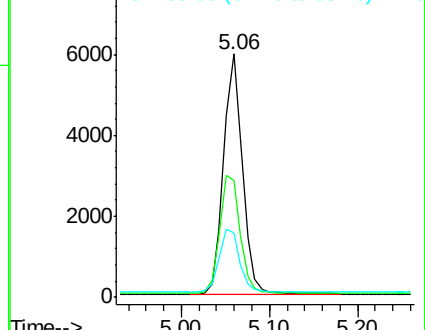
63 27.9 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#4

Phenol-d6

Concen: 0.422 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

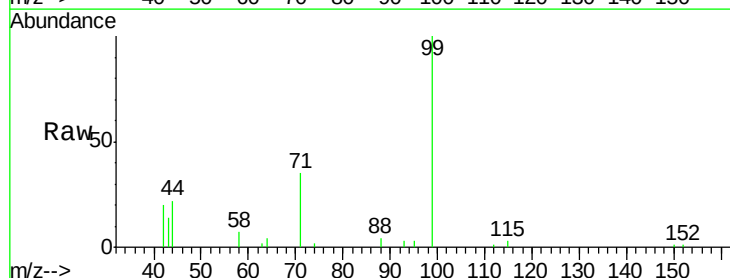
Tgt Ion: 99 Resp: 11411

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

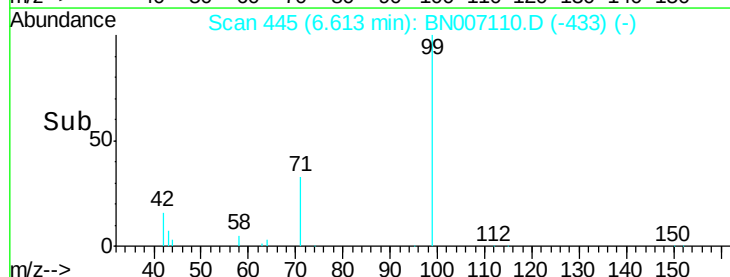
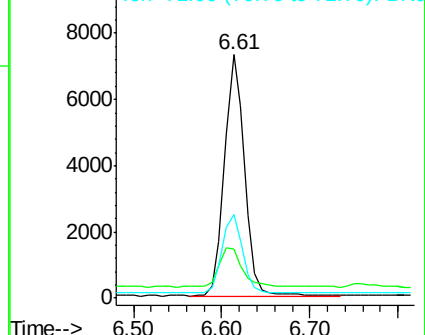
71 33.8 27.0 40.4

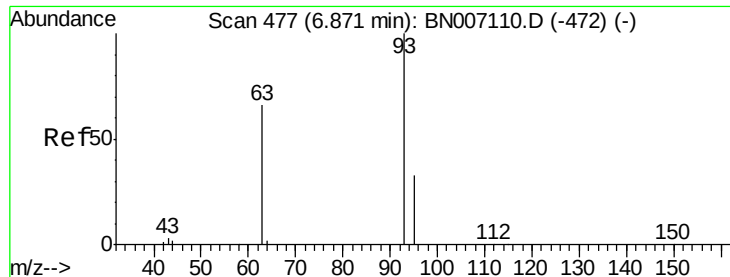


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#5

bis(2-Chloroethyl)ether

Concen: 0.401 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

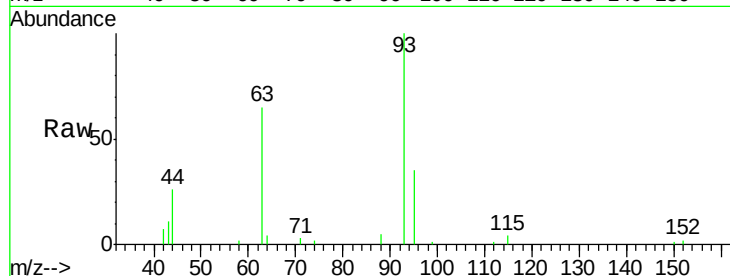
Tot Ion: 93 Resp: 9600

Ion Ratio Lower Upper

93 100

63 68.3 55.6 83.4

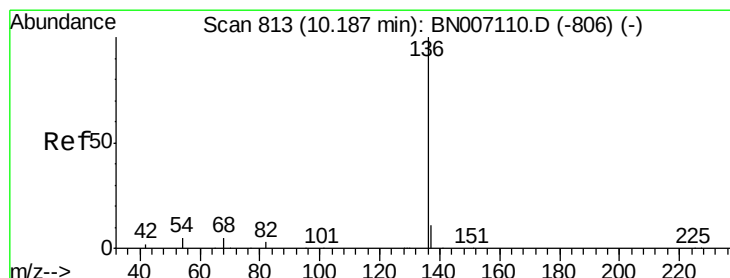
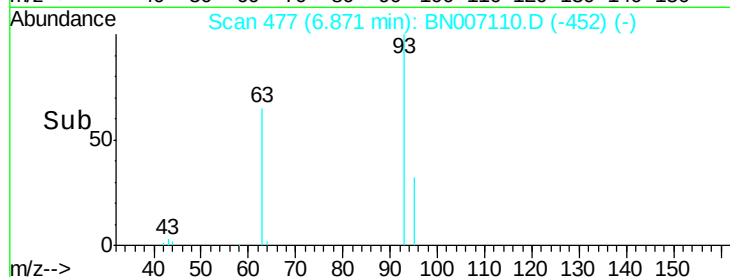
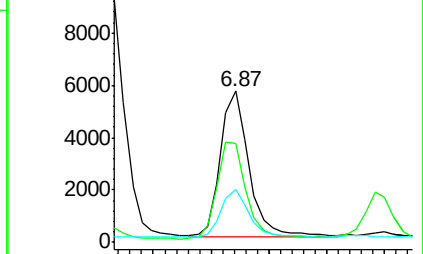
95 33.4 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007110.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007110.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007110.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Tgt Ion: 136 Resp: 34780

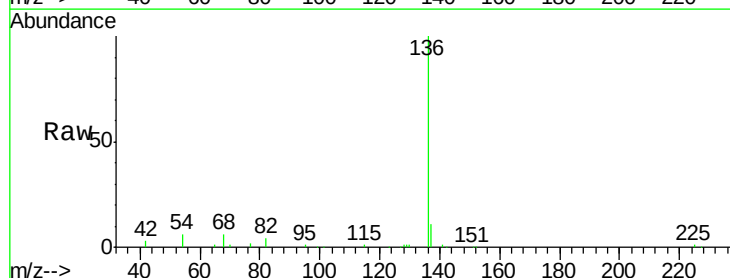
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 6.1 6.6 9.8#

68 5.6 6.0 9.0#

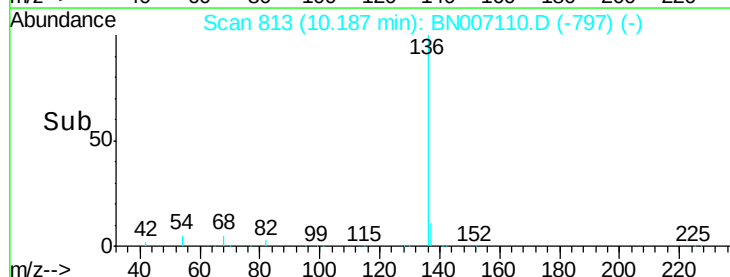
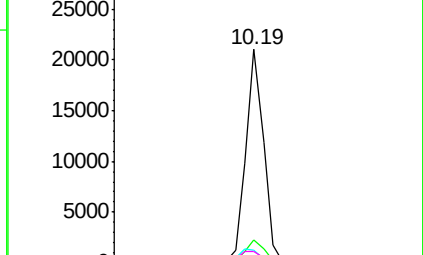


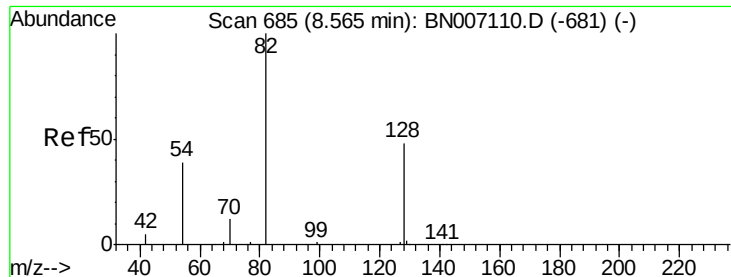
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.391 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

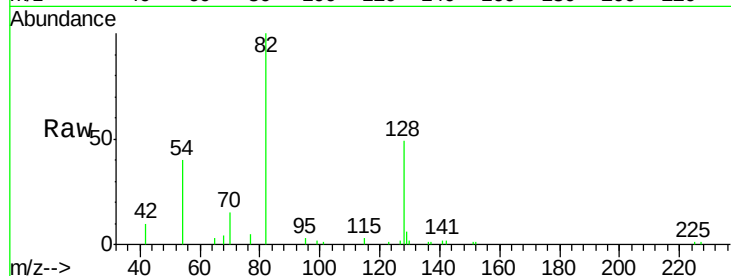
Tot Ion: 82 Resp: 10964

Ion Ratio Lower Upper

82 100

128 49.4 34.6 51.8

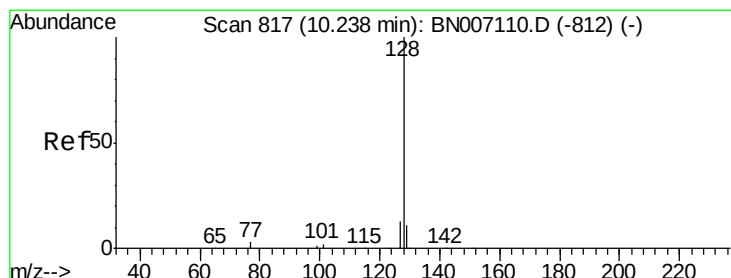
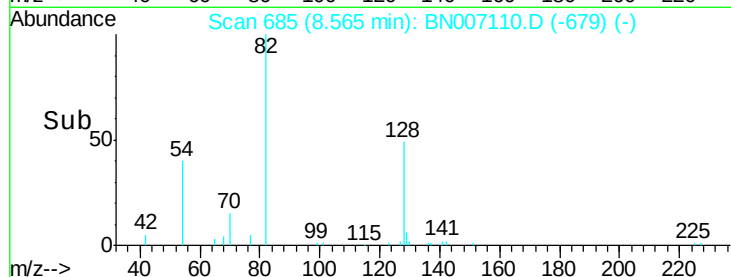
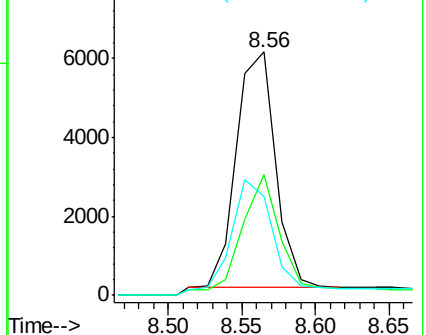
54 40.5 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#8

Naphthalene

Concen: 0.378 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

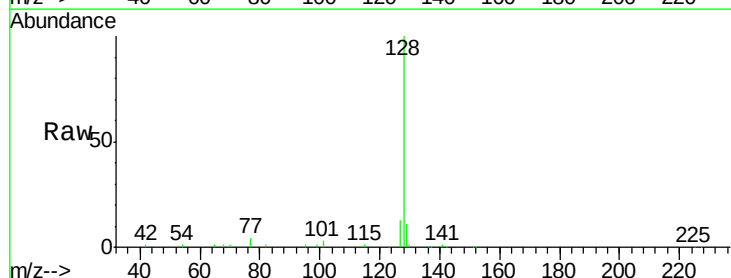
Tgt Ion: 128 Resp: 36860

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

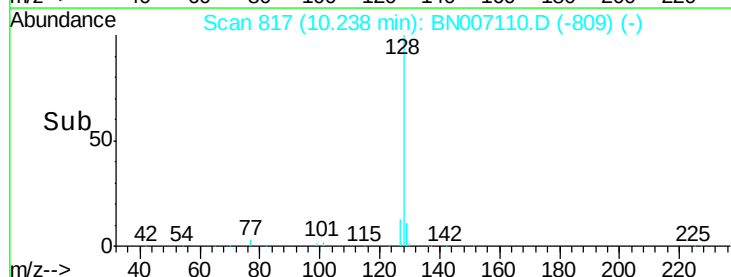
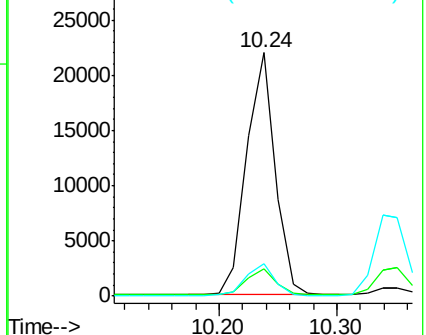
127 13.1 11.0 16.6

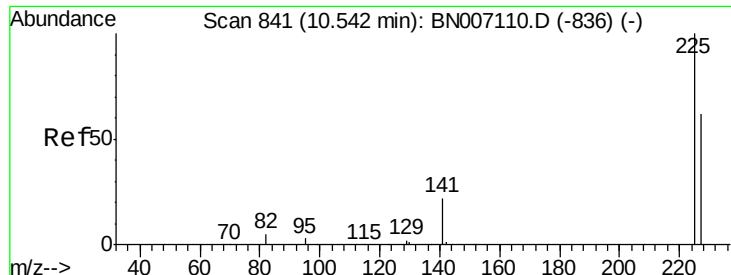


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC





#9

Hexachlorobutadiene

Concen: 0.381 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

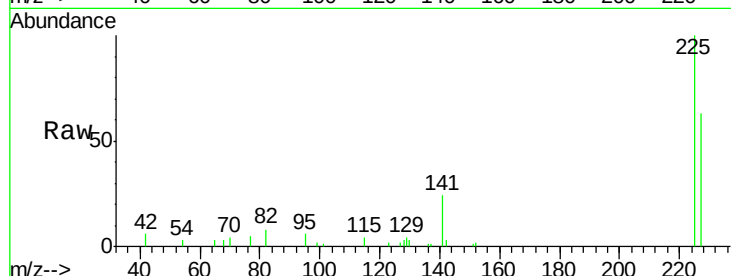
Tot Ion:225 Resp: 7929

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

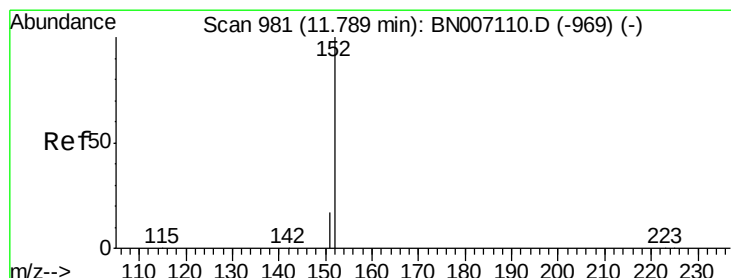
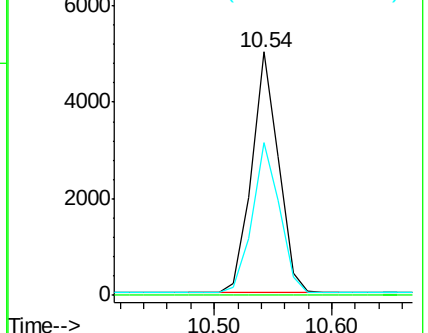
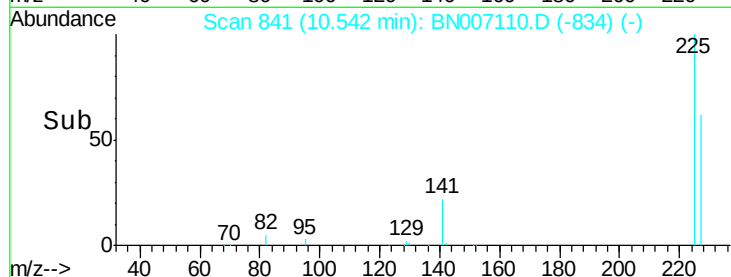
227 63.3 51.1 76.7



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



#10

2-Methylnaphthalene-d10

Concen: 0.373 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007110.D

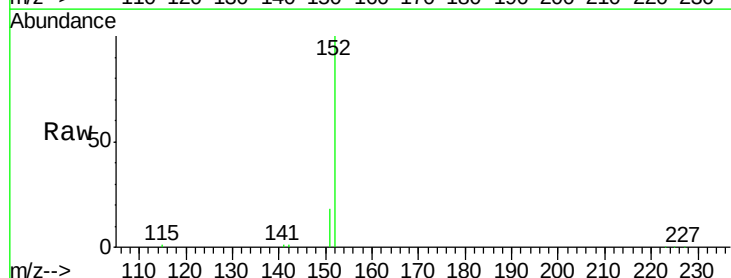
Acq: 13 Aug 2019 02:06

Tgt Ion:152 Resp: 24191

Ion Ratio Lower Upper

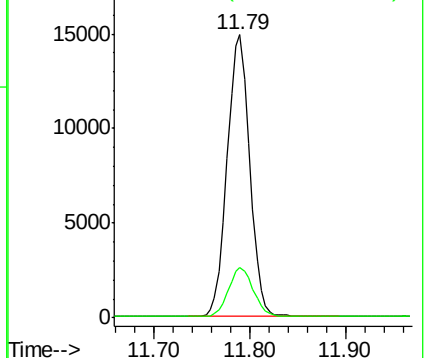
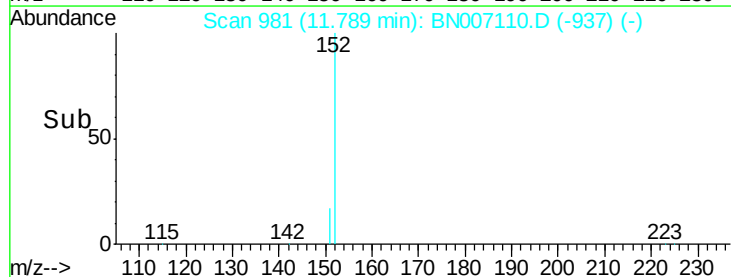
152 100

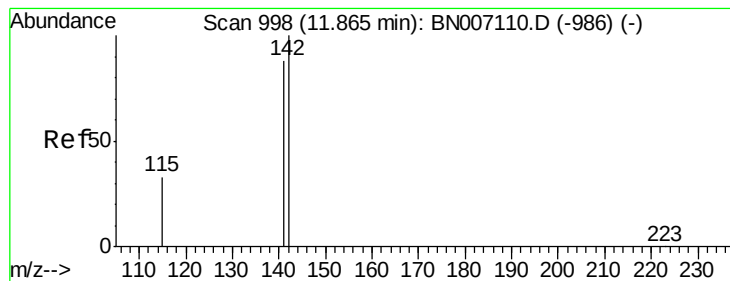
151 19.1 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.373 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

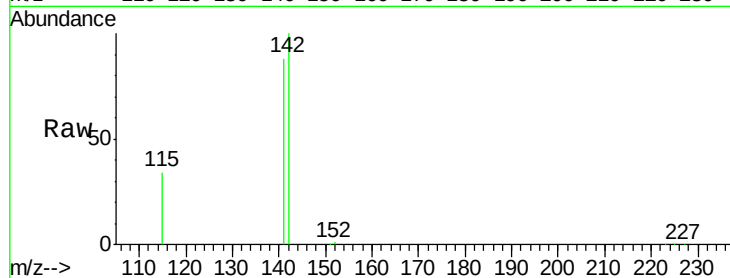
Tot Ion:142 Resp: 25788

Ion Ratio Lower Upper

142 100

141 87.7 69.0 103.6

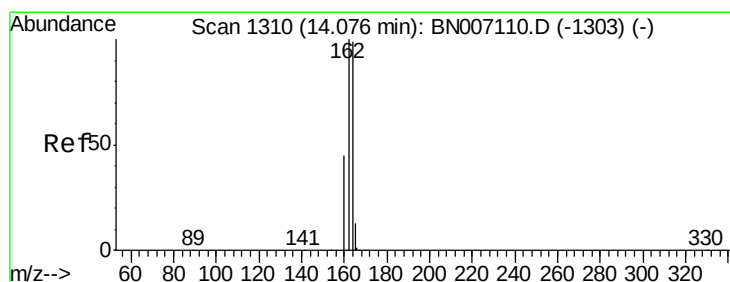
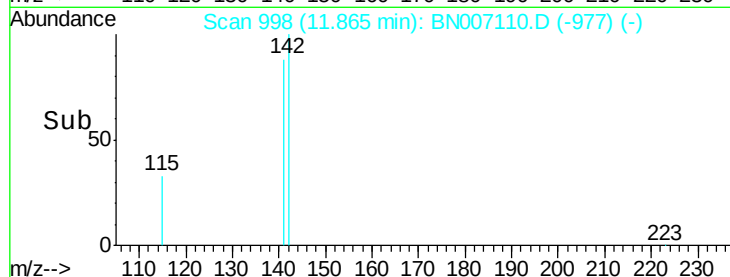
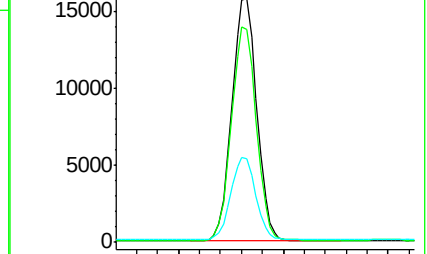
115 34.4 27.1 40.7



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



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

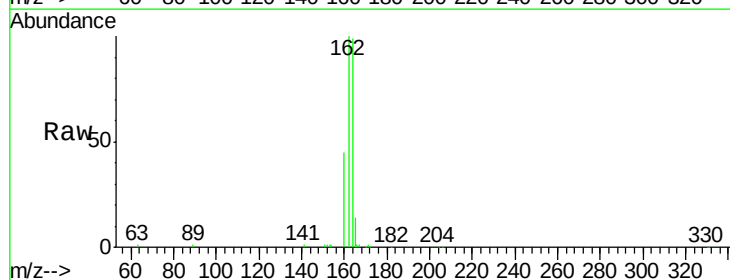
Tgt Ion:164 Resp: 19857

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.4

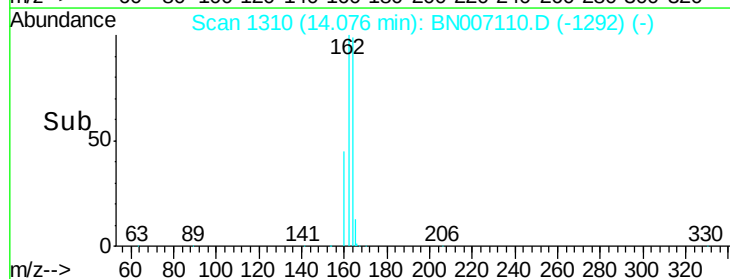
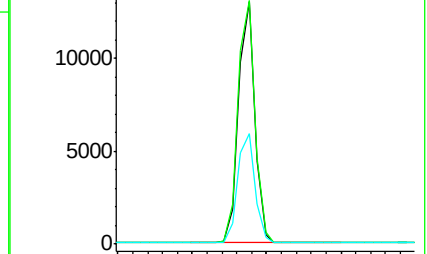
160 45.8 38.3 57.5

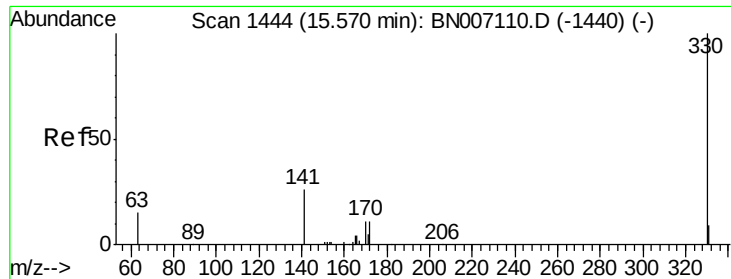


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

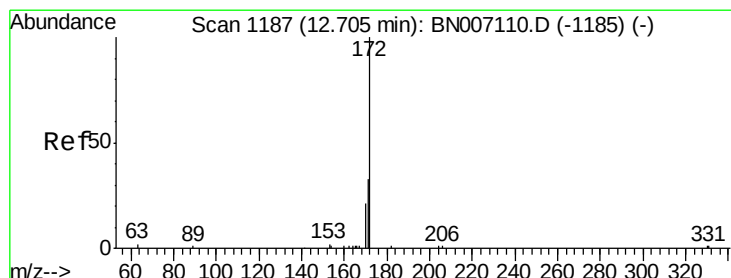
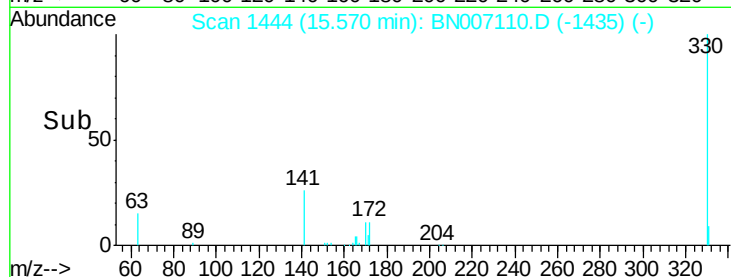
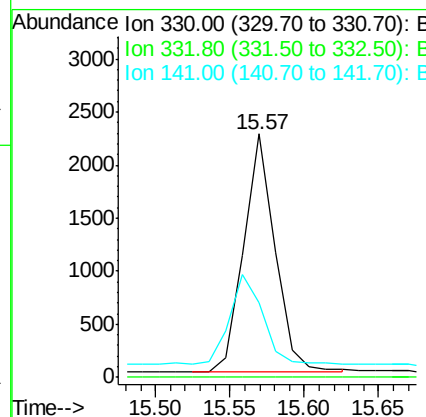
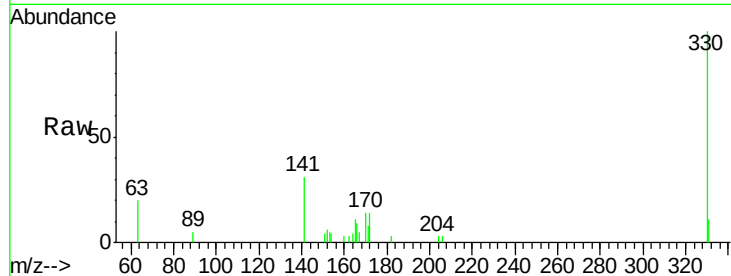




#13
 2,4,6-Tribromophenol
 Concen: 0.309 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007110.D
 Acq: 13 Aug 2019 02:06

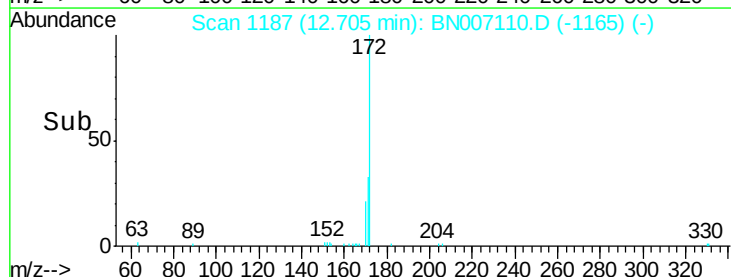
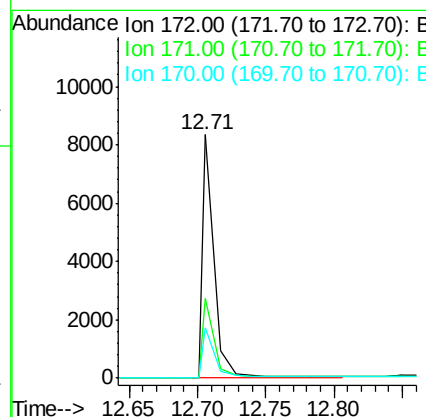
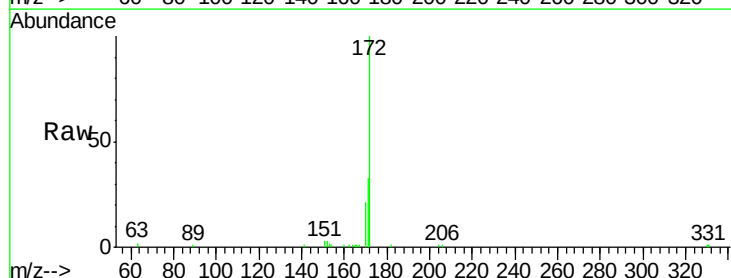
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

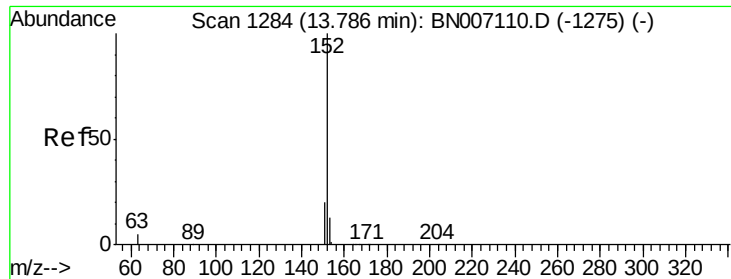
Tot Ion:330 Resp: 3302
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.2 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.206 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007110.D
 Acq: 13 Aug 2019 02:06

Tgt Ion:172 Resp: 5944
 Ion Ratio Lower Upper
 172 100
 171 32.7 26.3 39.5
 170 20.7 17.0 25.4





#15

Acenaphthylene

Concen: 0.386 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

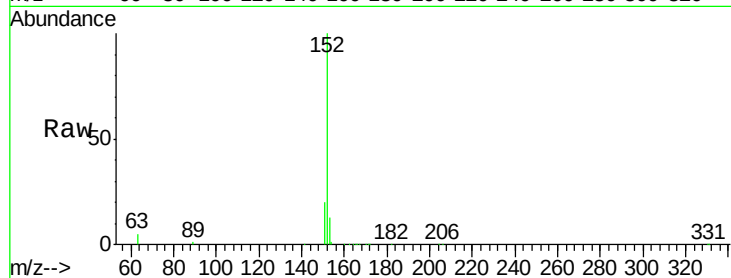
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:152 Resp: 40087

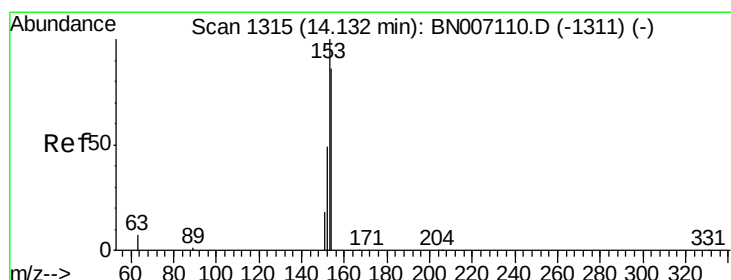
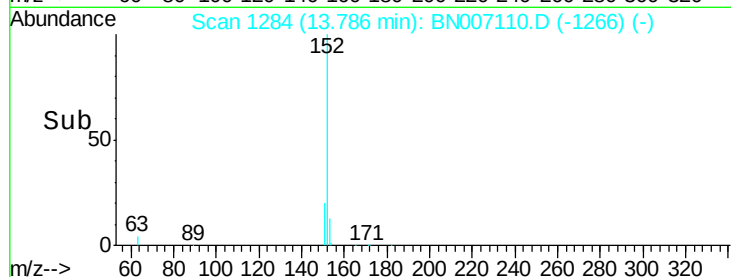
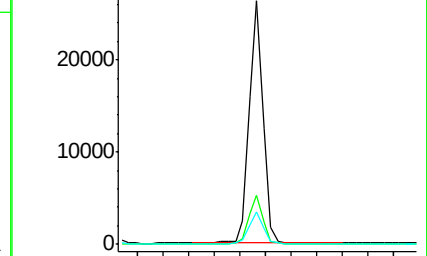
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.9	10.4	15.6



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



#16

Acenaphthene

Concen: 0.374 ng

RT: 14.13 min Scan# 1315

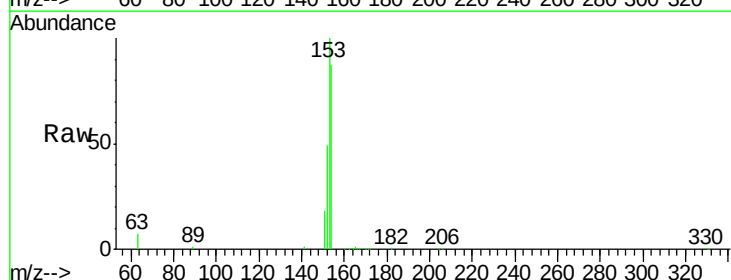
Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Tgt Ion:154 Resp: 24877

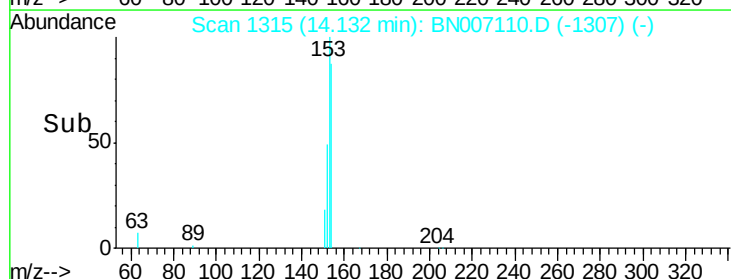
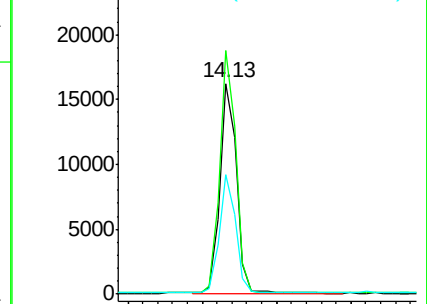
Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.5	134.3
152	55.0	44.8	67.2

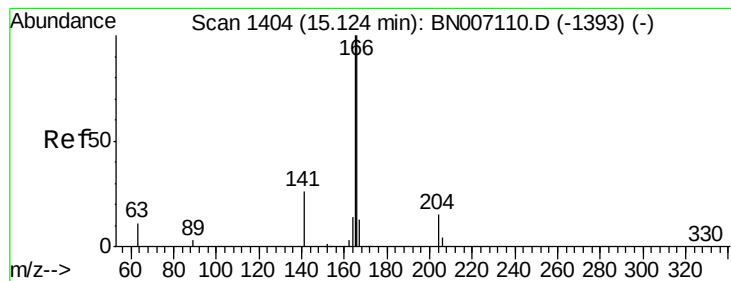


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.328 ng

RT: 15.12 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

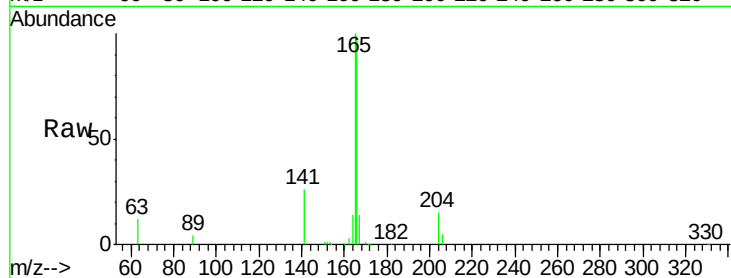
Tot Ion:166 Resp: 32601

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

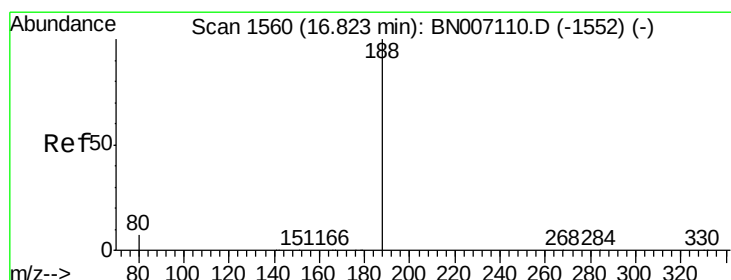
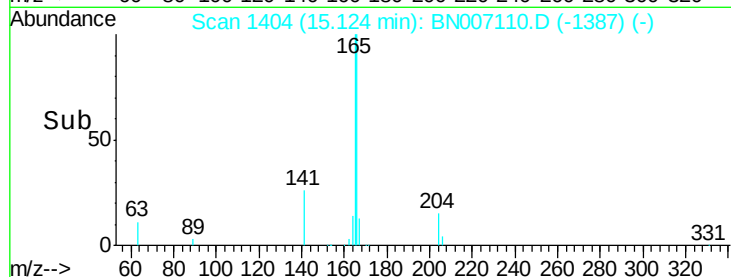
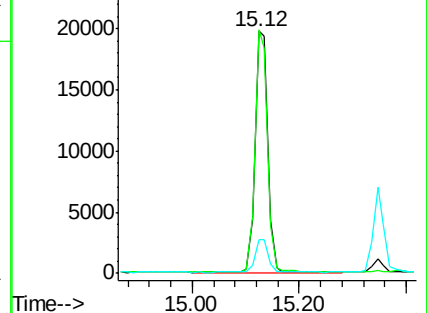
167 13.5 10.9 16.3



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

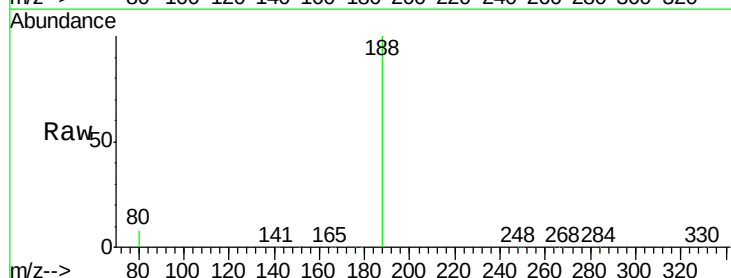
Tgt Ion:188 Resp: 46799

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

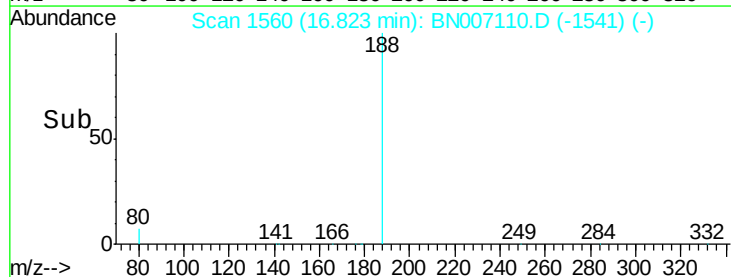
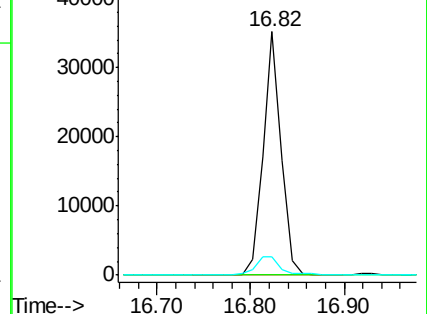
80 7.6 7.8 11.6#

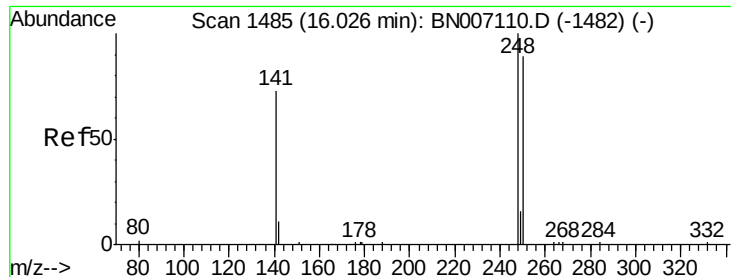


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#19

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

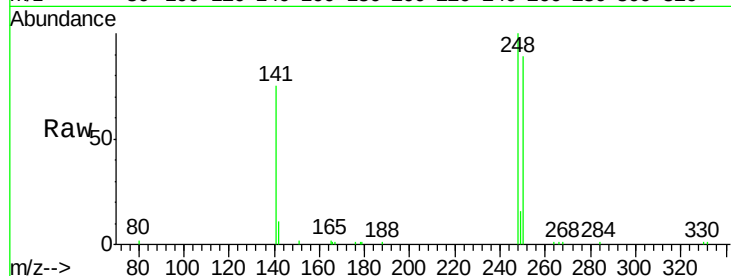
Tot Ion:248 Resp: 11462

Ion Ratio Lower Upper

248 100

250 88.9 78.9 118.3

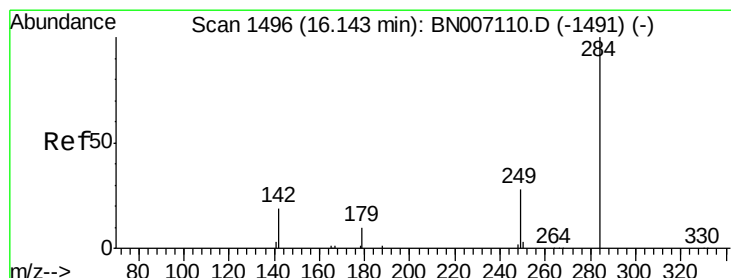
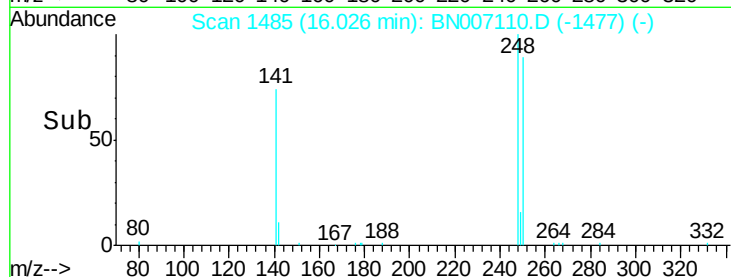
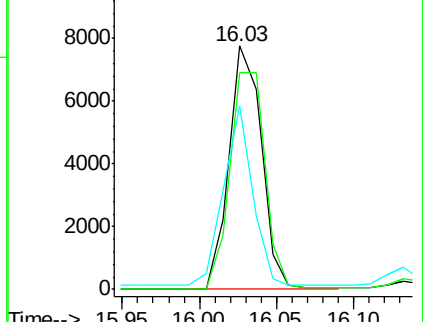
141 75.2 43.3 64.9#



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



#20

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

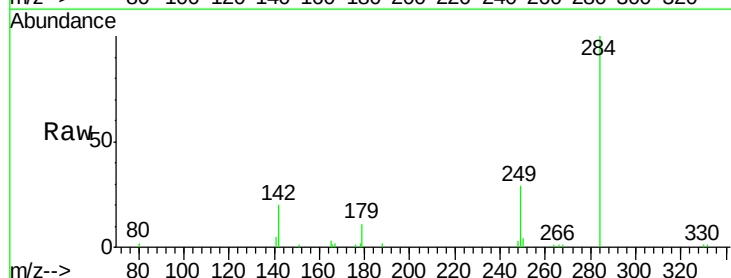
Tgt Ion:284 Resp: 11458

Ion Ratio Lower Upper

284 100

142 37.9 30.5 45.7

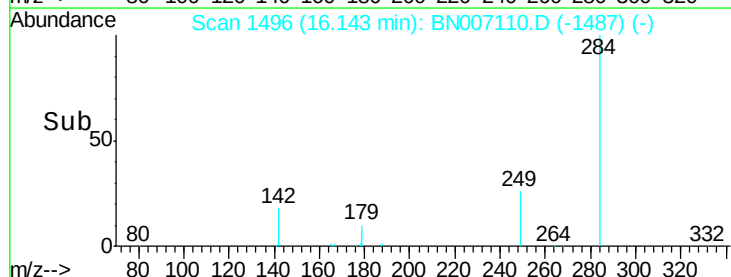
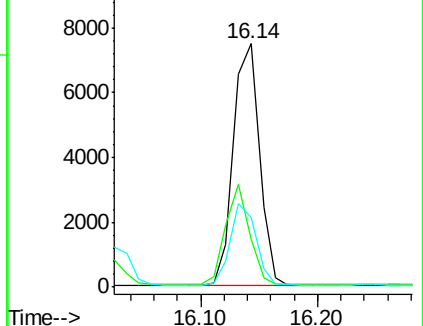
249 33.1 26.7 40.1

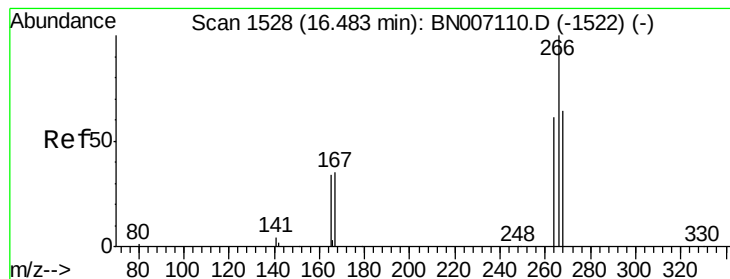


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.369 ng

RT: 16.48 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

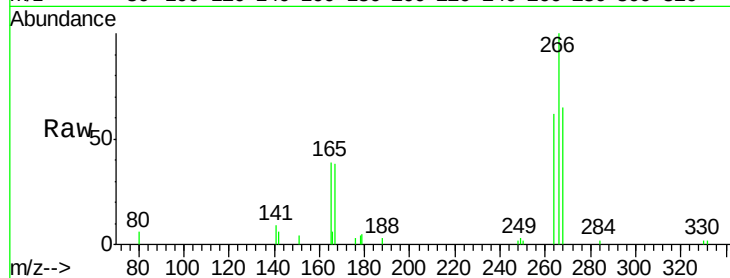
Tot Ion:266 Resp: 3831

Ion Ratio Lower Upper

266 100

264 61.7 52.3 78.5

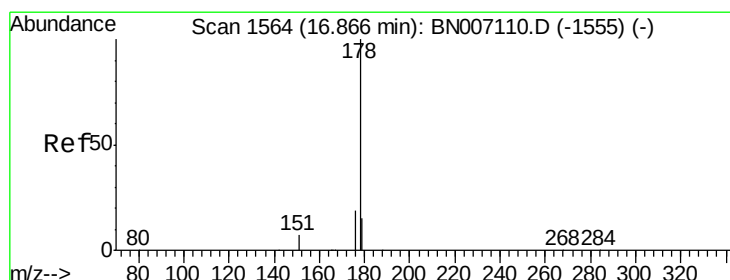
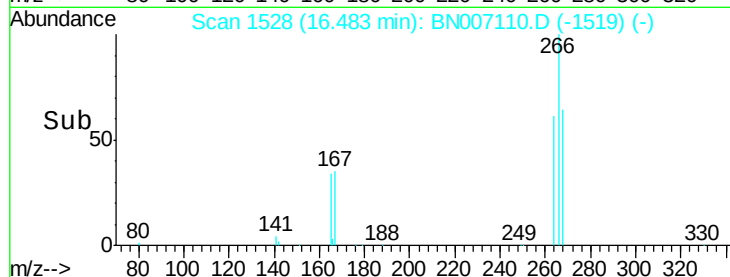
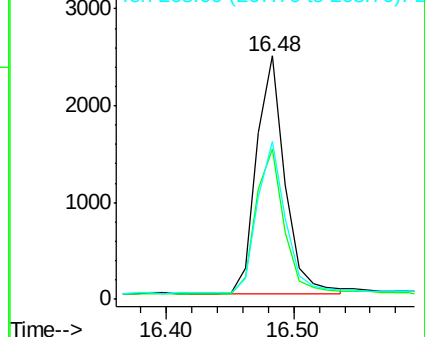
268 64.9 51.5 77.3



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



#22

Phenanthrene

Concen: 0.392 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

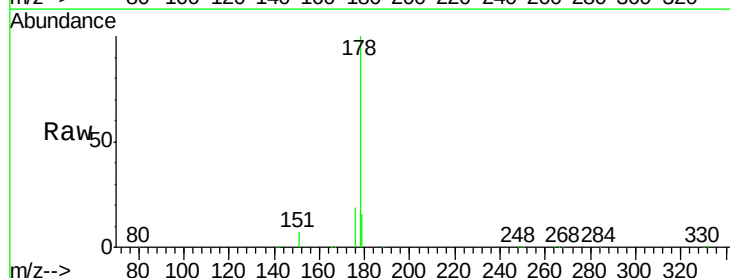
Tgt Ion:178 Resp: 54980

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

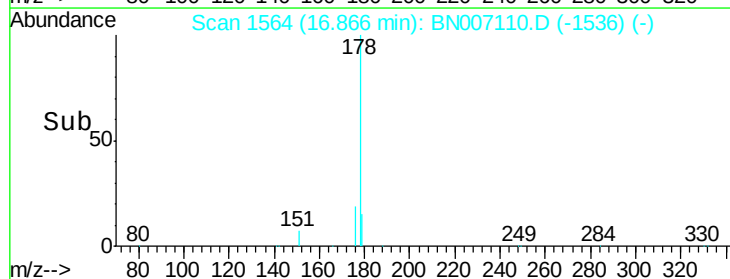
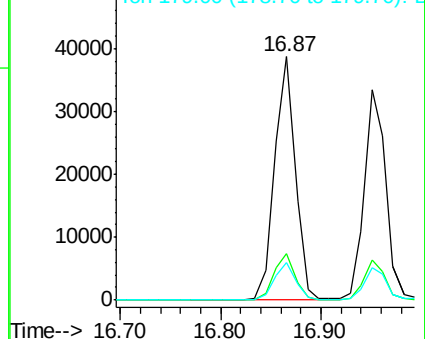
179 15.5 12.3 18.5

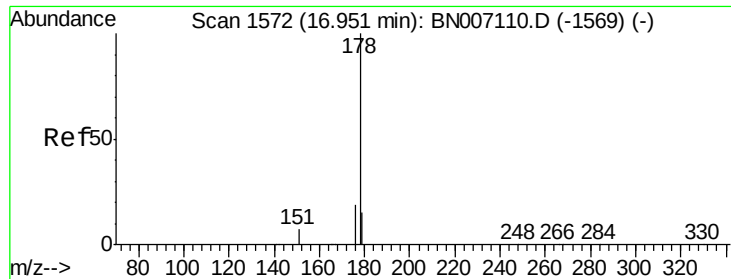


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.386 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

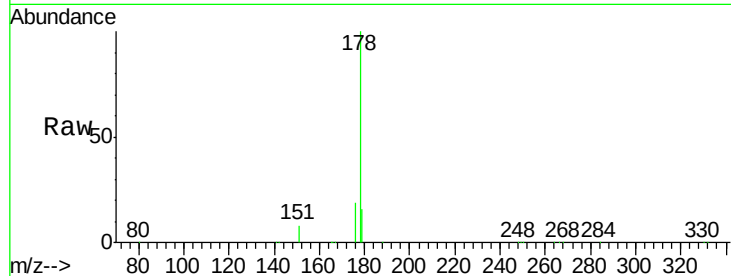
Tot Ion:178 Resp: 49480

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

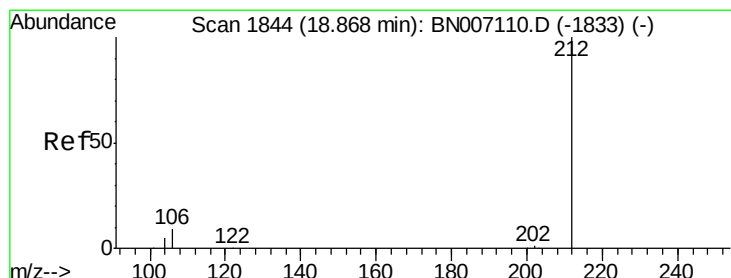
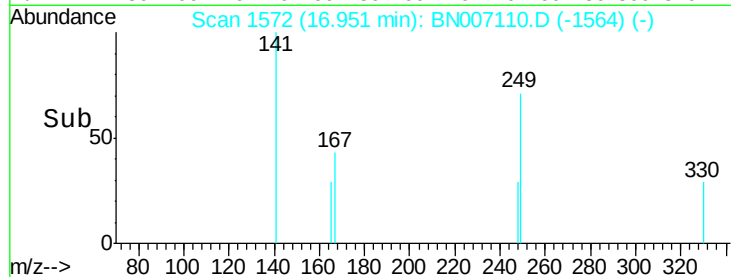
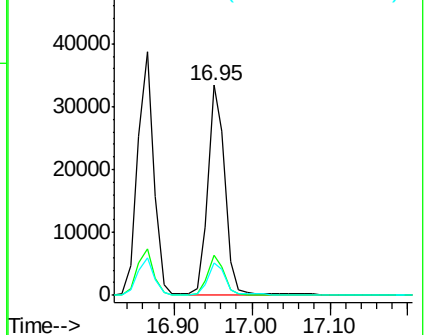
179 15.5 12.5 18.7



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

Fluoranthene-d10

Concen: 0.362 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

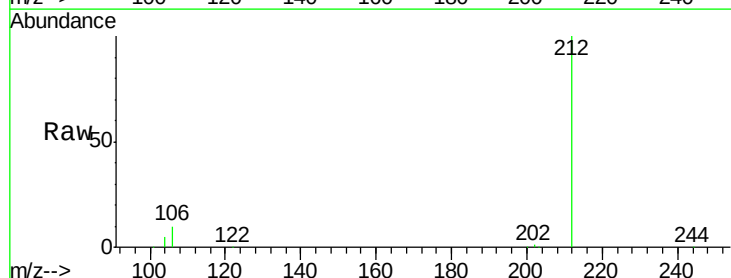
Tgt Ion:212 Resp: 60121

Ion Ratio Lower Upper

212 100

106 10.2 8.2 12.2

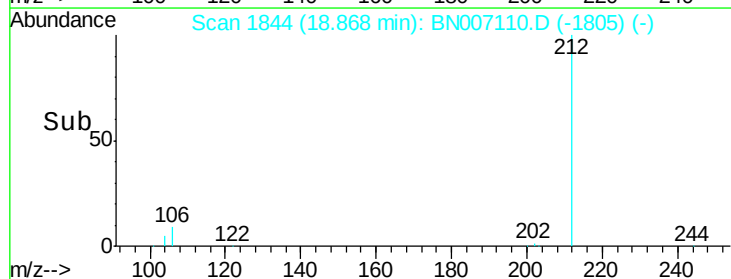
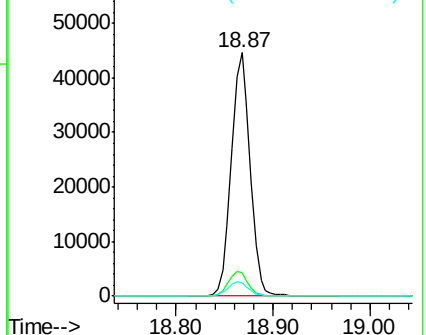
104 5.7 4.5 6.7

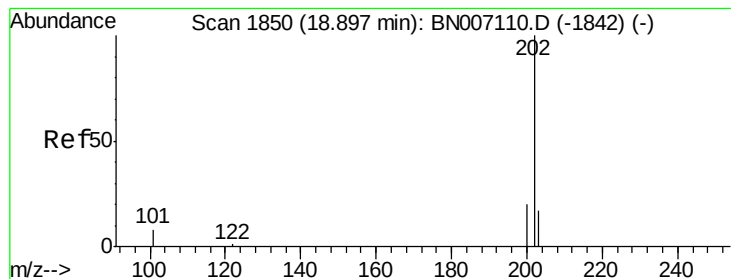


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.368 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

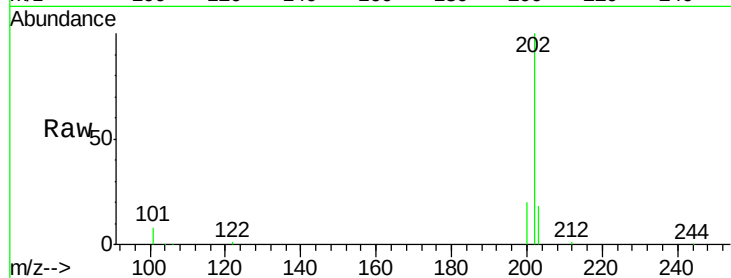
Tot Ion:202 Resp: 66025

Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.4

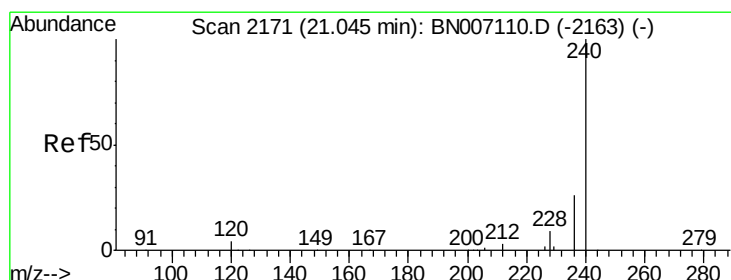
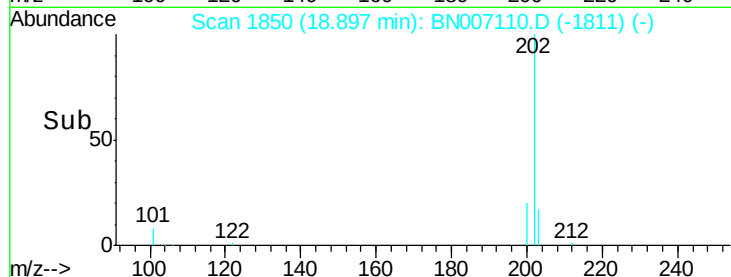
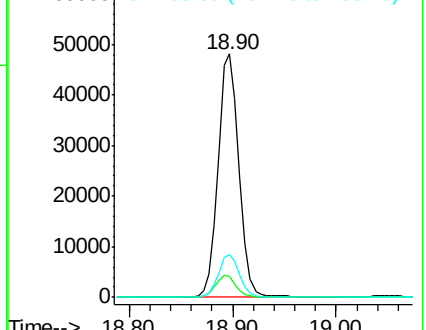
203 17.3 13.8 20.8



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

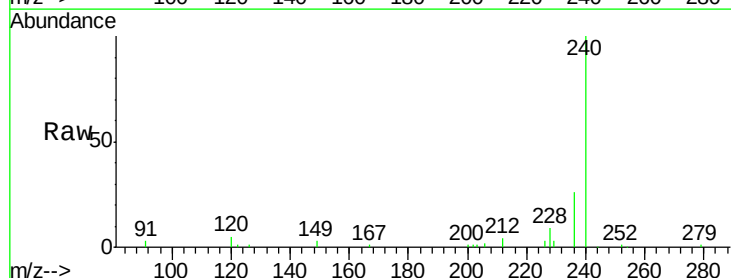
Tgt Ion:240 Resp: 48300

Ion Ratio Lower Upper

240 100

120 4.9 4.0 6.0

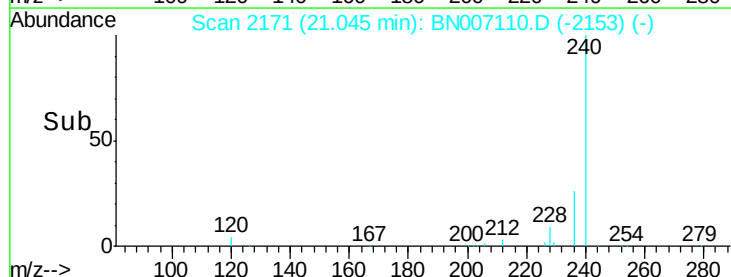
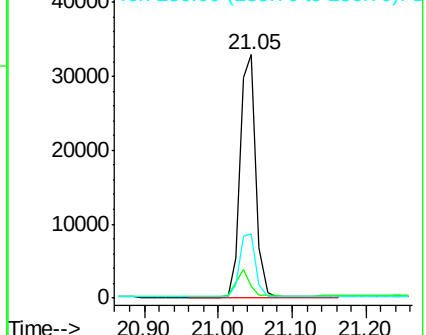
236 26.4 21.3 31.9

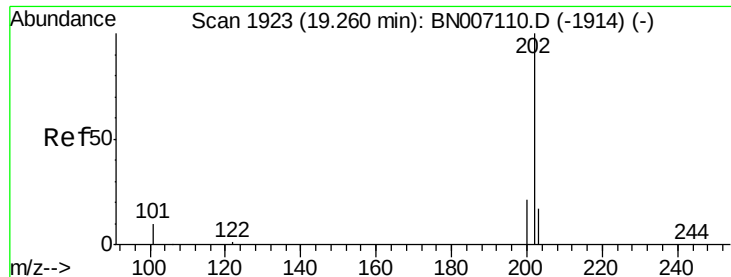


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

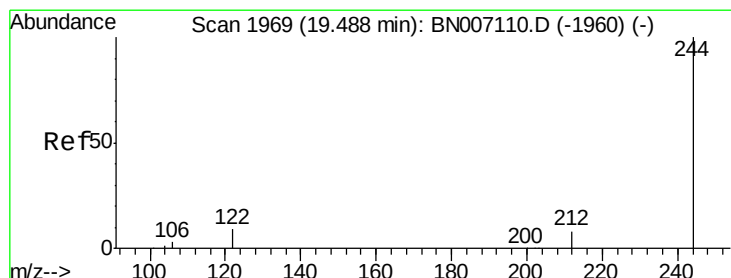
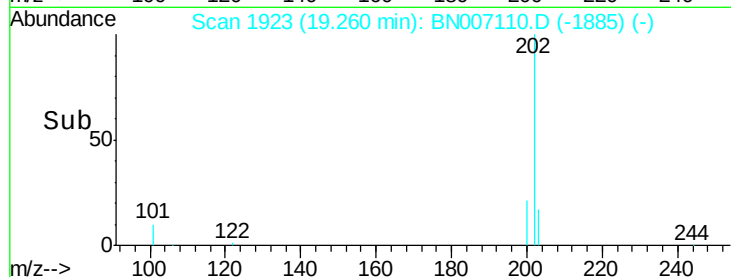
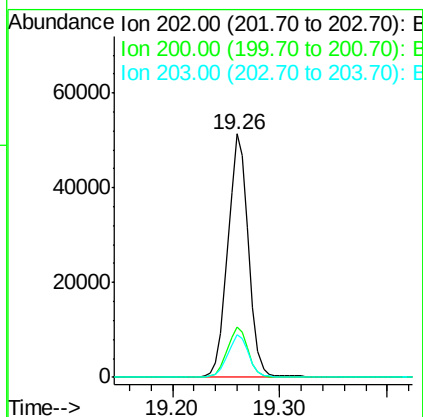
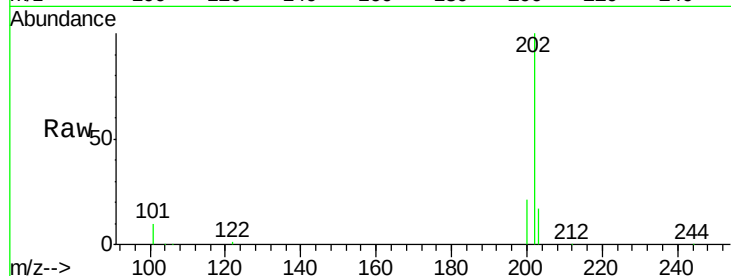




#27
Pvrene
Concen: 0.399 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

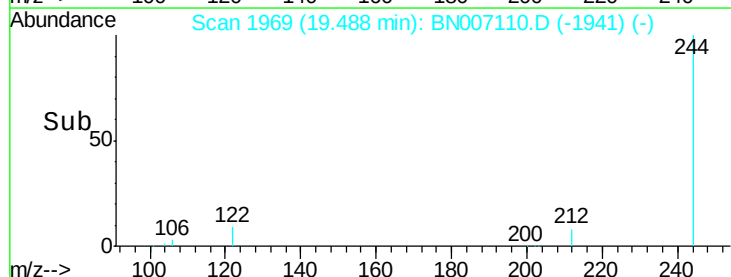
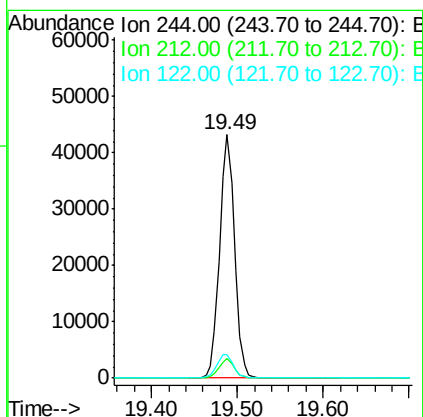
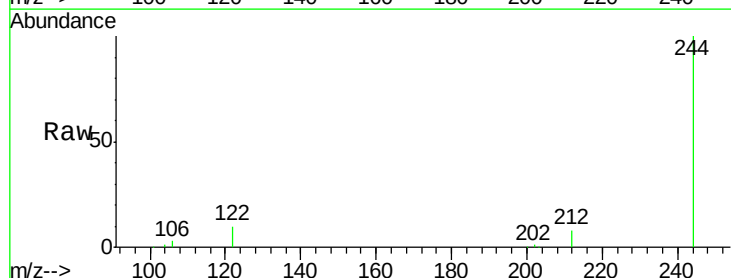
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

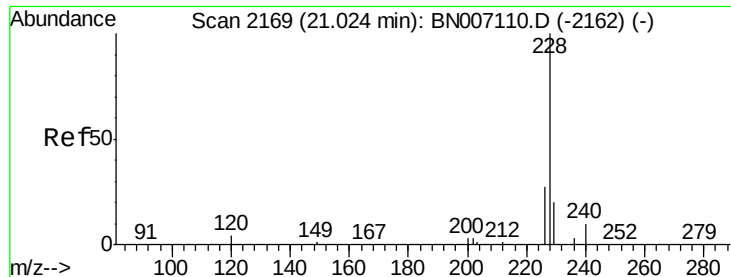
Tot Ion:202 Resp: 67519
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.5 14.0 21.0



#28
Terphenyl-d14
Concen: 0.396 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Tgt Ion:244 Resp: 52170
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.5 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.388 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

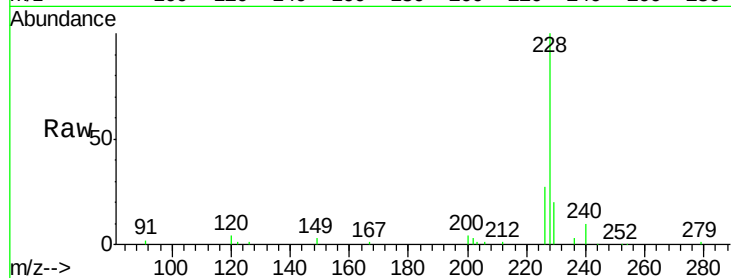
Tot Ion:228 Resp: 68536

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

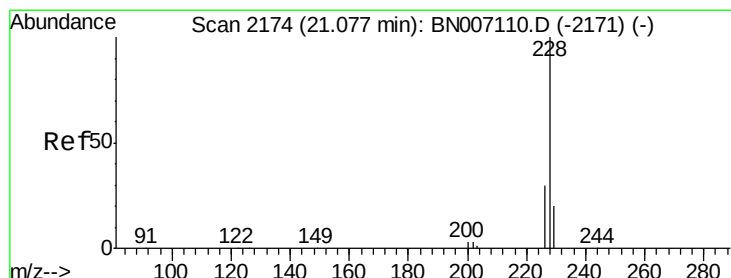
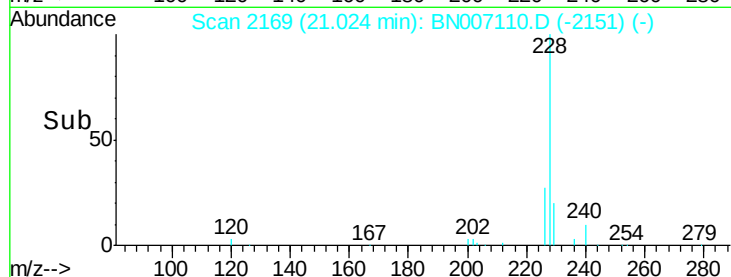
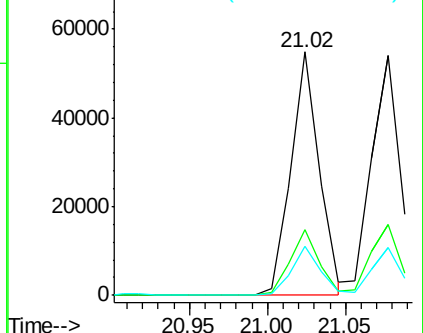
229 20.0 15.6 23.4



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



#30

Chrysene

Concen: 0.398 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

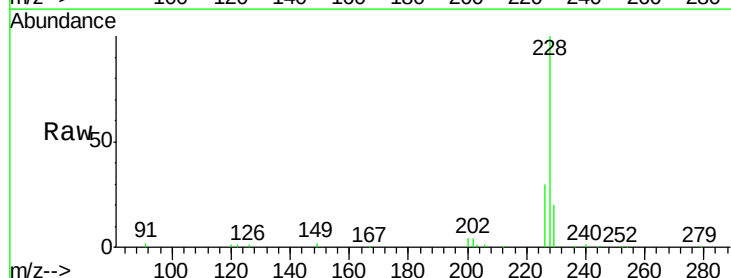
Tgt Ion:228 Resp: 68345

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

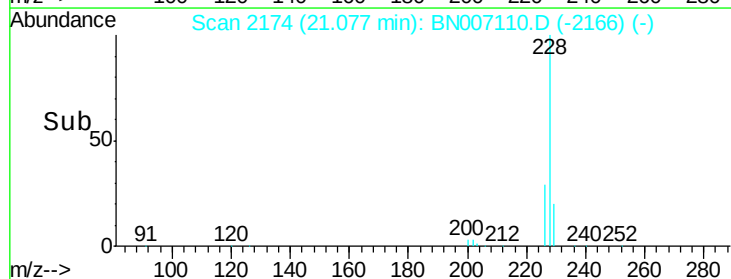
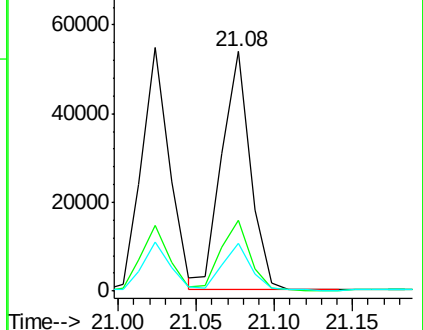
229 19.9 15.7 23.5

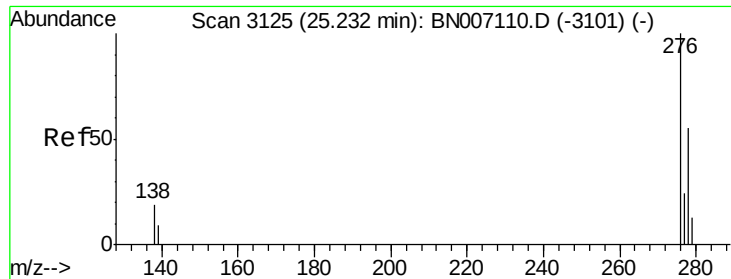


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

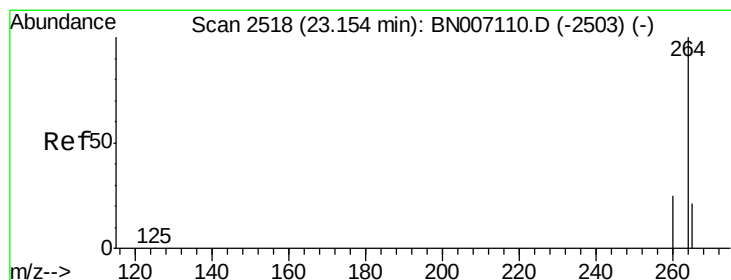
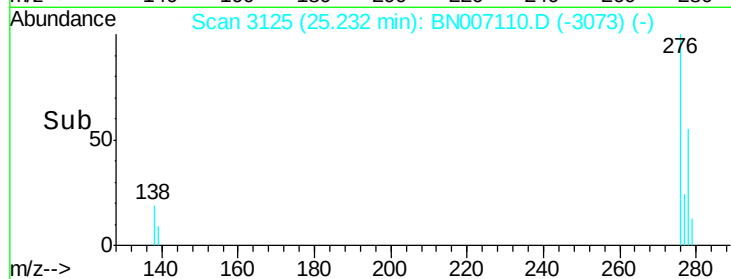
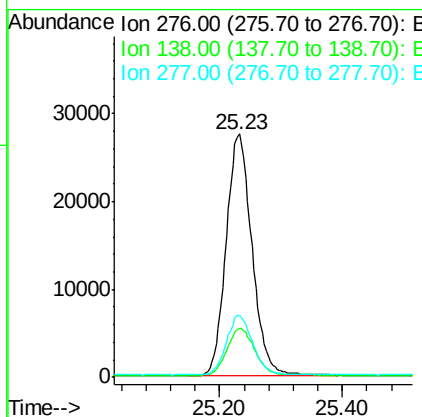
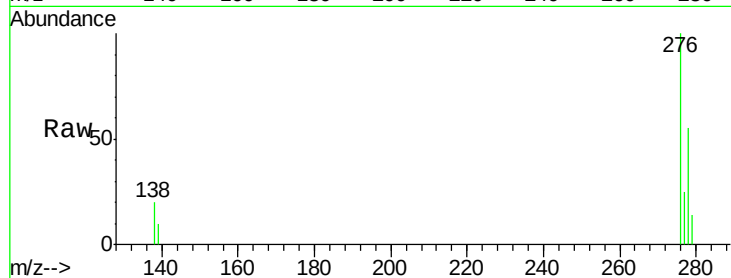




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

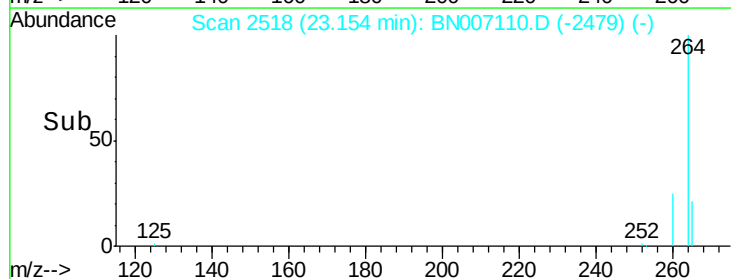
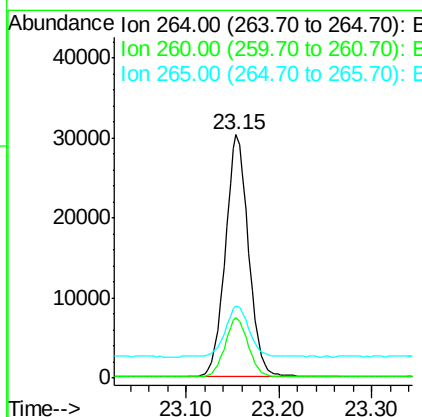
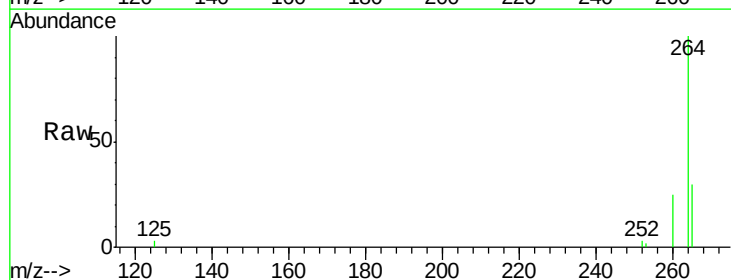
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

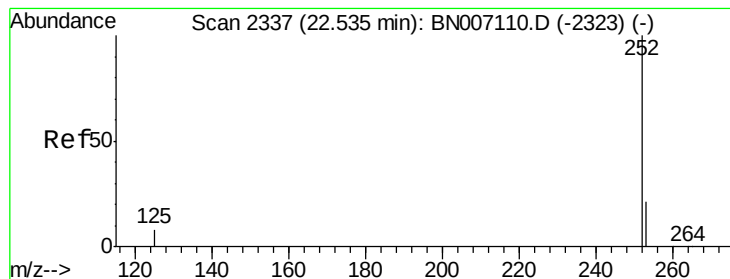
Tot Ion:276 Resp: 80771
Ion Ratio Lower Upper
276 100
138 20.8 16.0 24.0
277 24.9 19.9 29.9



#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007110.D
Acq: 13 Aug 2019 02:06

Tgt Ion:264 Resp: 53122
Ion Ratio Lower Upper
264 100
260 24.9 19.8 29.8
265 29.7 26.2 39.4





#33

Benzo(b)fluoranthene

Concen: 0.391 ng

RT: 22.53 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

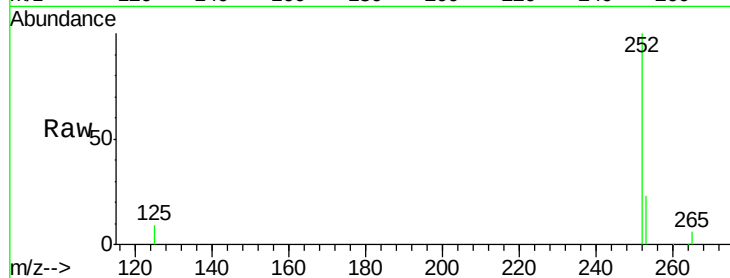
Tot Ion:252 Resp: 71249

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

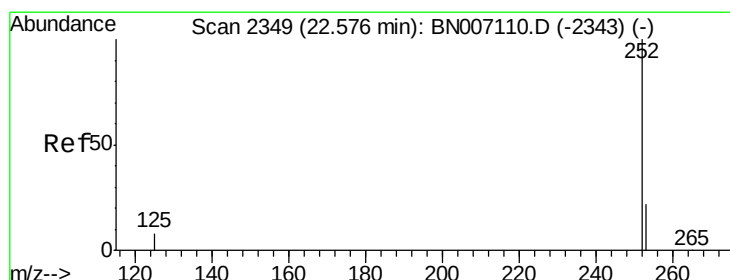
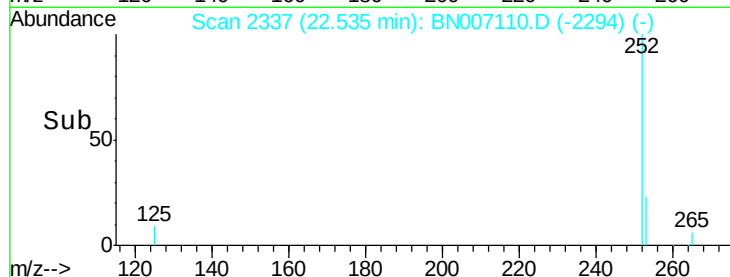
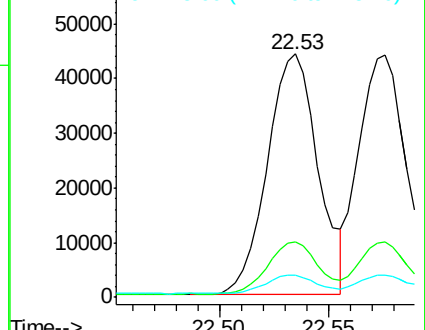
125 9.1 7.4 11.0



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



#34

Benzo(k)fluoranthene

Concen: 0.374 ng

RT: 22.58 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

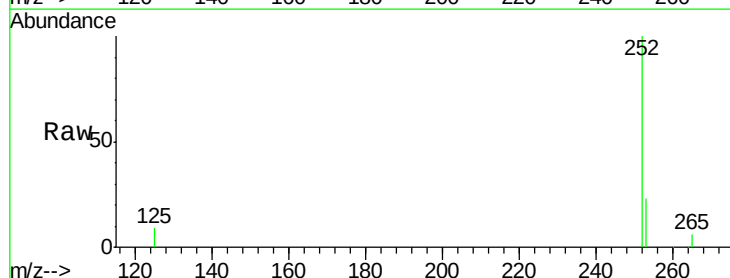
Tgt Ion:252 Resp: 67314

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

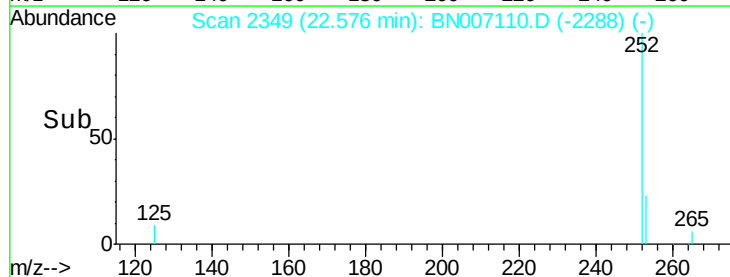
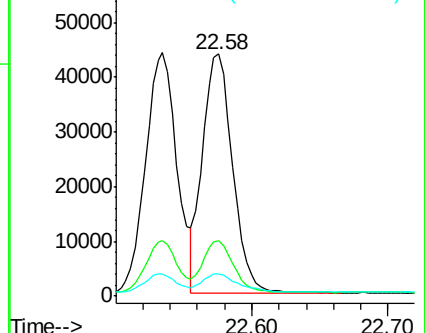
125 9.3 7.4 11.0

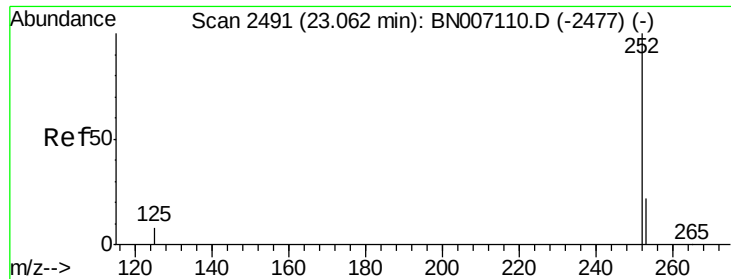


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

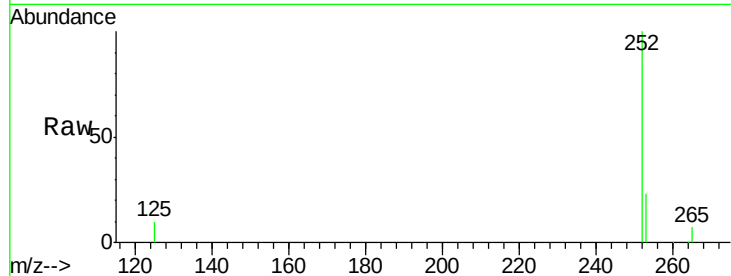
Tot Ion:252 Resp: 64775

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

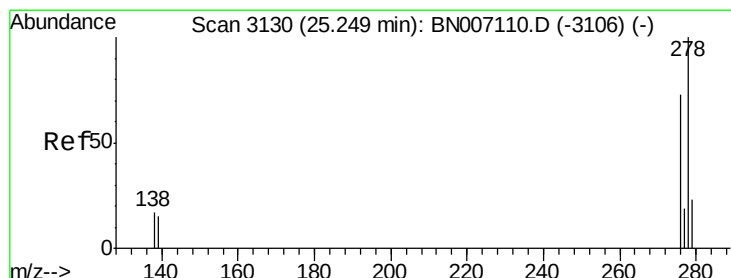
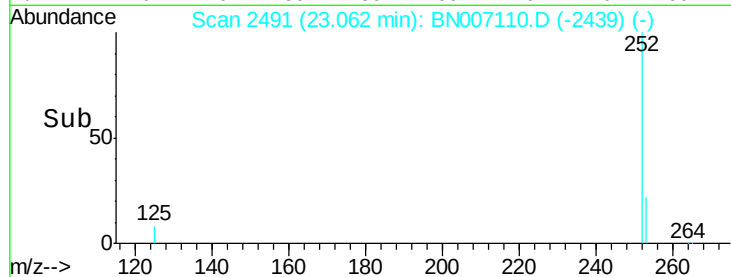
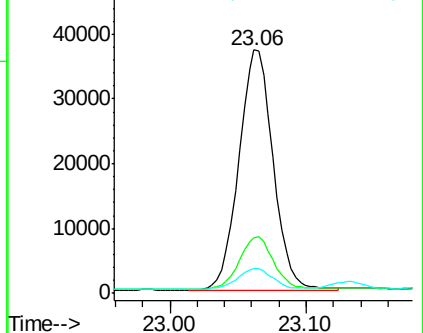
125 10.3 8.2 12.4



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

Dibenzo(a,h)anthracene

Concen: 0.397 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007110.D

Acq: 13 Aug 2019 02:06

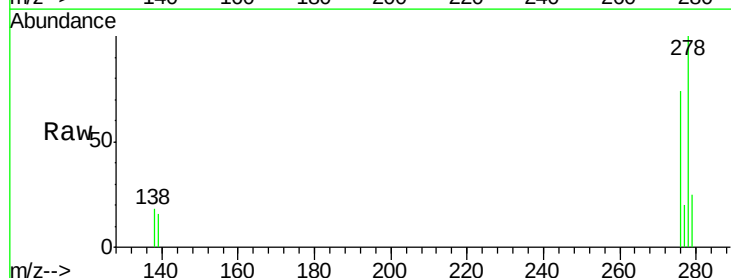
Tgt Ion:278 Resp: 65423

Ion Ratio Lower Upper

278 100

139 15.7 11.3 16.9

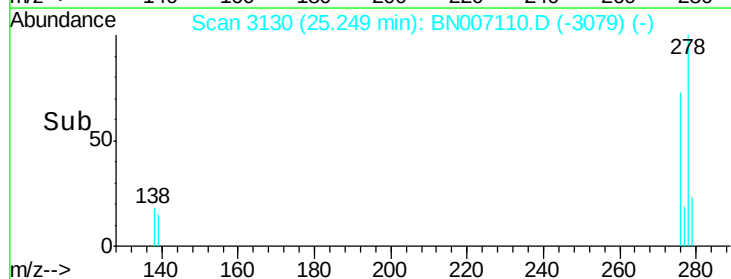
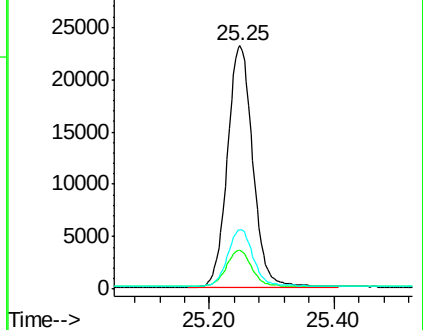
279 24.5 19.3 28.9

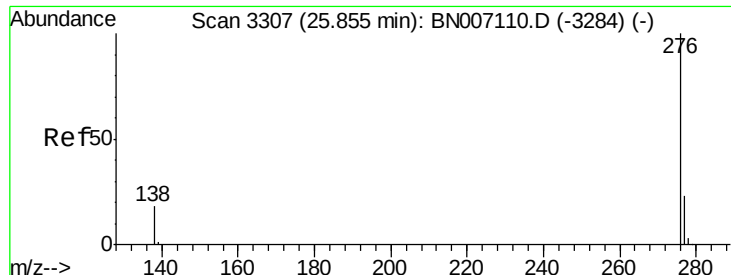


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

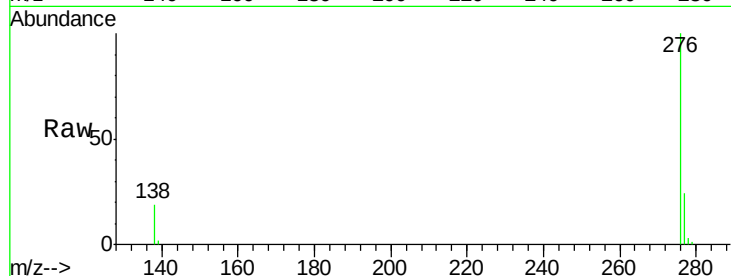




#37
 Benzo(a,h,i)perylene
 Concen: 0.390 ng
 RT: 25.85 min Scan# 3307
 Delta R.T. -0.02 min
 Lab File: BN007110.D
 Acq: 13 Aug 2019 02:06

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	18.7	14.6	22.0



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

