

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007073.D
 Acq On : 11 Aug 2019 06:11
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 11 06:45:03 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	8458	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	31781	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	18362	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	44519	0.40	ng	0.00
26) Chrysene-d12	21.03	240	46239	0.40	ng	-0.02
32) Perylene-d12	23.15	264	47330	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	7825	0.39	ng	0.00
4) Phenol-d6	6.61	99	9746	0.39	ng	0.00
7) Nitrobenzene-d5	8.56	82	9260	0.36	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	22012	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2812	0.28	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	8109	0.30	ng	0.00
24) Fluoranthene-d10	18.87	212	55914	0.35	ng	0.00
28) Terphenyl-d14	19.49	244	48575	0.39	ng	-0.01

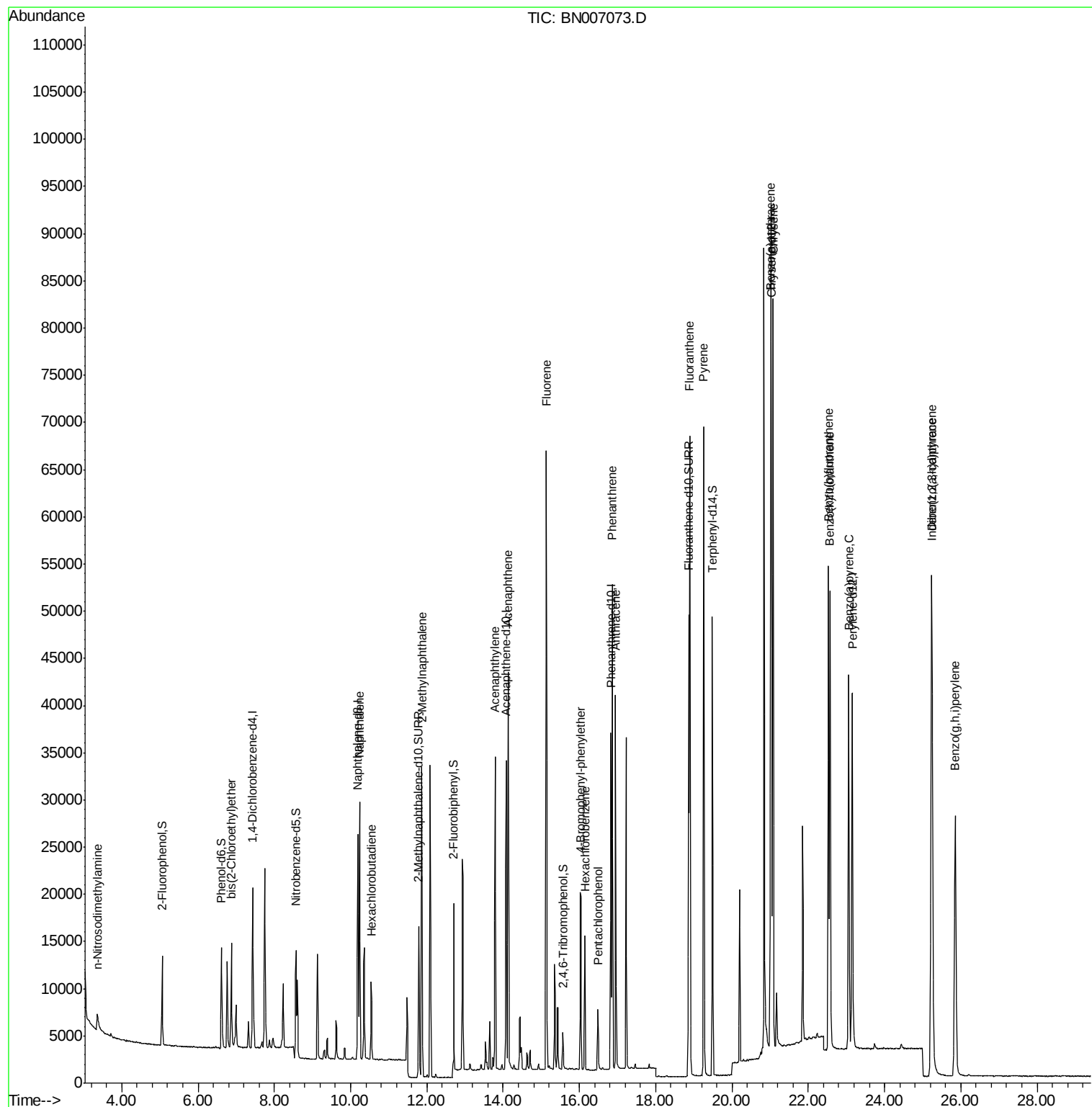
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	2038	0.366	ng	# 89
5) bis(2-Chloroethyl)ether	6.87	93	8790	0.395	ng	100
8) Naphthalene	10.24	128	33341	0.374	ng	98
9) Hexachlorobutadiene	10.54	225	7149	0.376	ng	# 99
11) 2-Methylnaphthalene	11.87	142	23585	0.374	ng	98
15) Acenaphthylene	13.79	152	35890	0.374	ng	100
16) Acenaphthene	14.13	154	23170	0.377	ng	100
17) Fluorene	15.14	166	29922	0.325	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	10896	0.396	ng	# 92
20) Hexachlorobenzene	16.14	284	10915	0.412	ng	100
21) Pentachlorophenol	16.48	266	3262	0.331	ng	97
22) Phenanthrene	16.87	178	51950	0.389	ng	100
23) Anthracene	16.95	178	45136	0.370	ng	99
25) Fluoranthene	18.90	202	61857	0.362	ng	100
27) Pyrene	19.26	202	62170	0.383	ng	100
29) Benzo(a)anthracene	21.02	228	63262	0.374	ng	99
30) Chrysene	21.08	228	64844	0.395	ng	99
31) Indeno(1,2,3-cd)pyrene	25.23	276	69785	0.385	ng	100
33) Benzo(b)fluoranthene	22.53	252	61959	0.382	ng	100
34) Benzo(k)fluoranthene	22.57	252	61802	0.386	ng	99
35) Benzo(a)pyrene	23.06	252	55293	0.376	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	57375	0.391	ng	100
37) Benzo(g,h,i)perylene	25.85	276	57900	0.383	ng	100

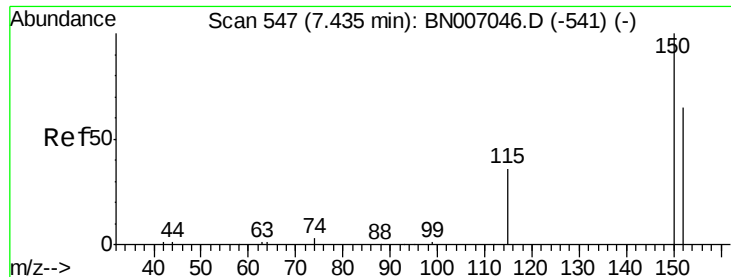
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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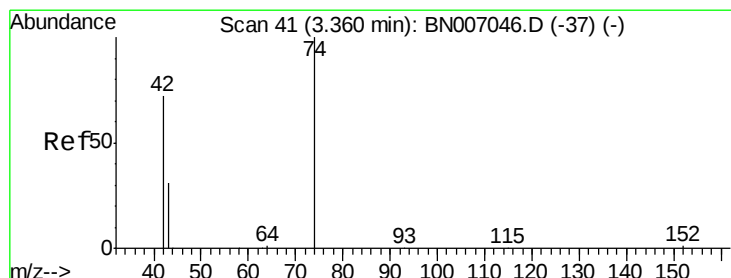
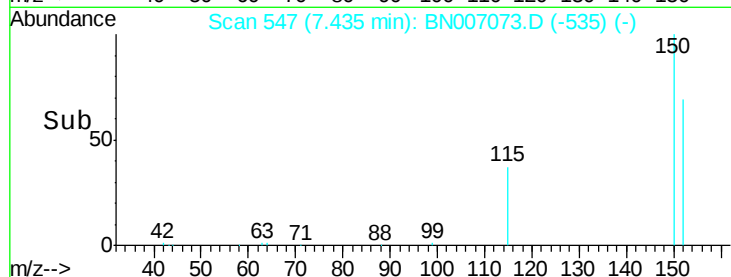
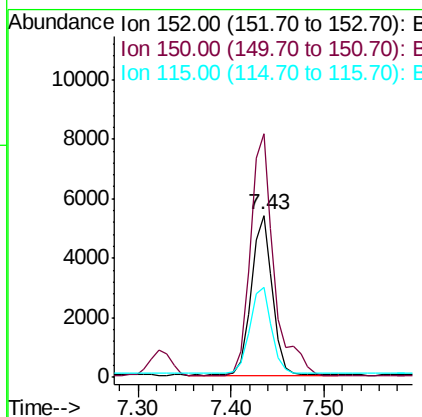
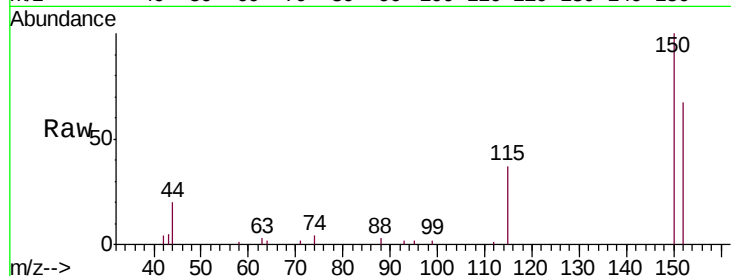


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

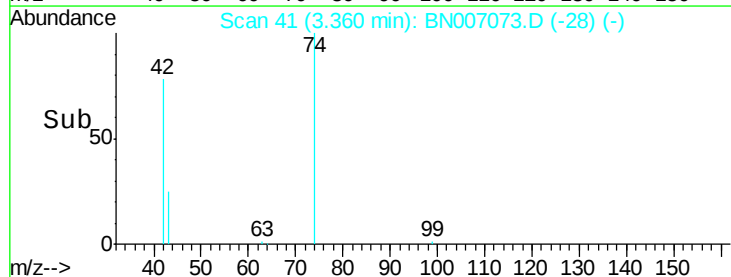
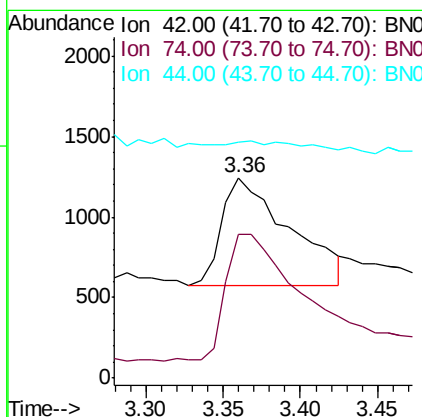
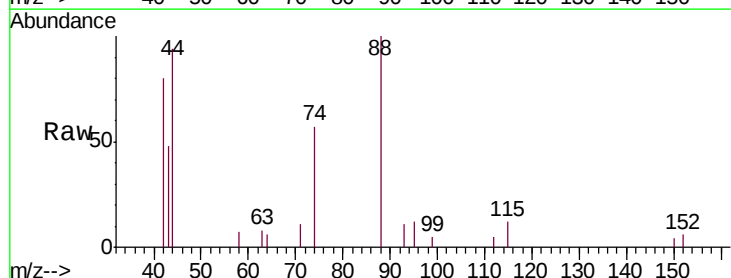
Tgt Ion:152 Resp: 8458
Ion Ratio Lower Upper
152 100
150 150.2 121.7 182.5
115 55.7 46.2 69.4

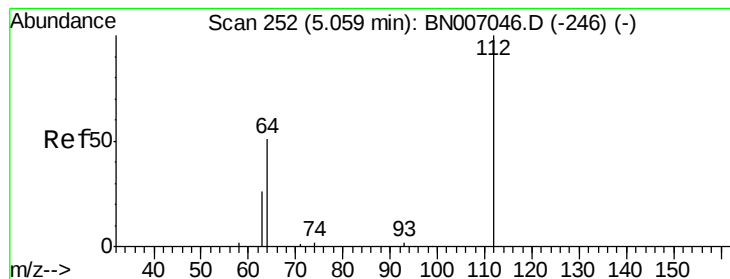


#2

n-Nitrosodimethylamine
Concen: 0.366 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion: 42 Resp: 2038
Ion Ratio Lower Upper
42 100
74 124.7 110.6 166.0
44 7.7 0.0 0.0#





#3

2-Fluorophenol

Concen: 0.385 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

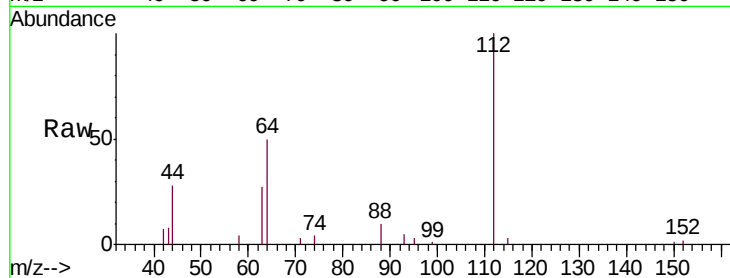
Tgt Ion: 112 Resp: 7825

Ion Ratio Lower Upper

112 100

64 52.9 42.6 63.8

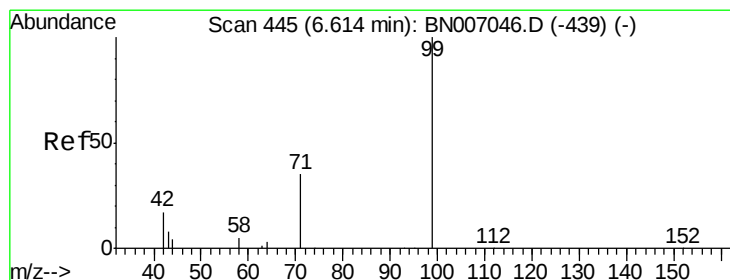
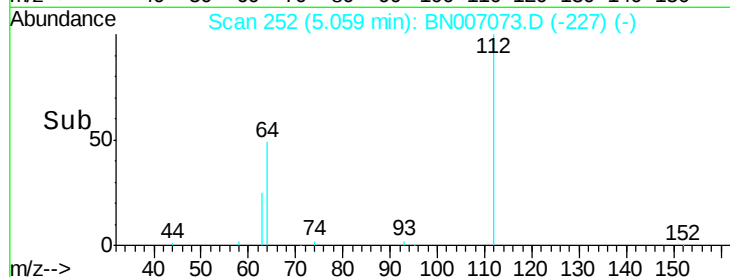
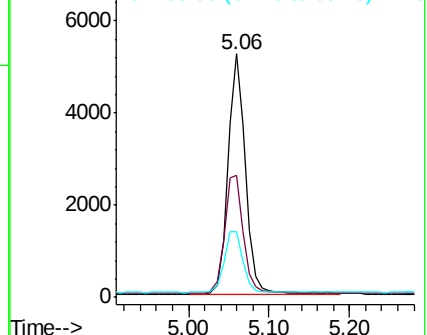
63 28.2 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 0.387 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

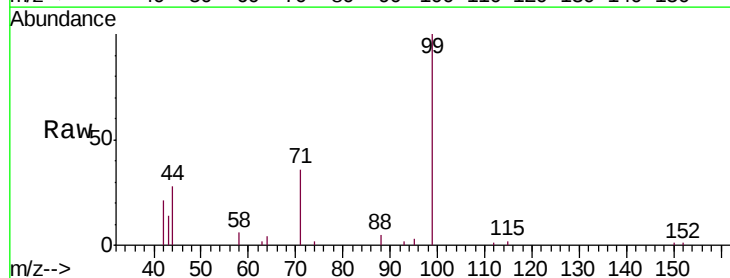
Tgt Ion: 99 Resp: 9746

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

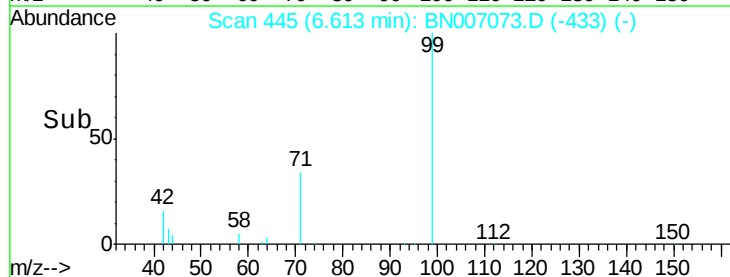
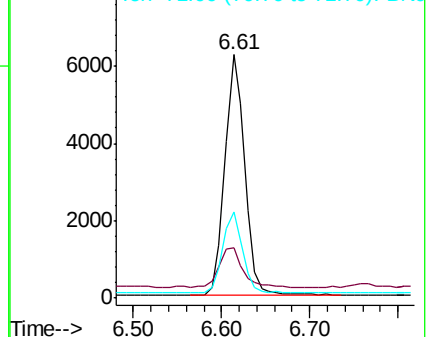
71 34.1 27.0 40.4

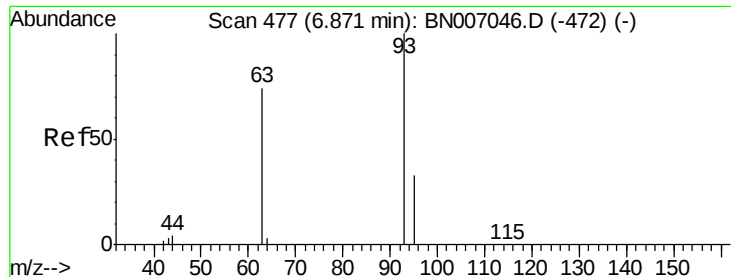


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.395 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

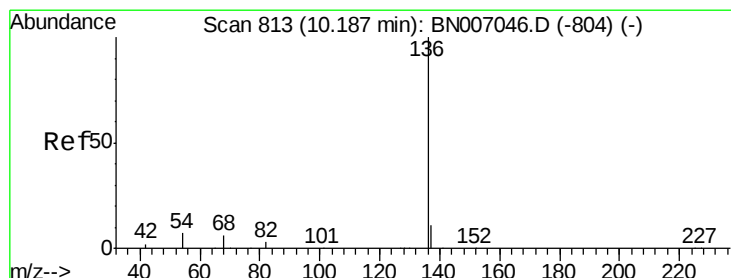
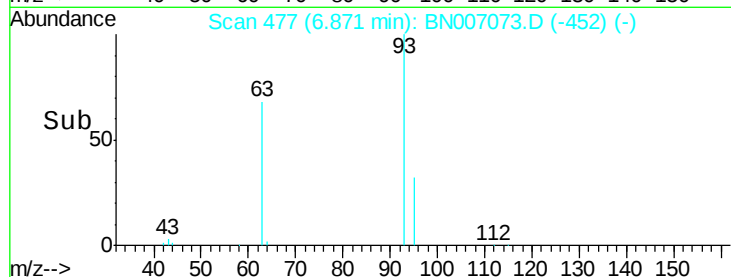
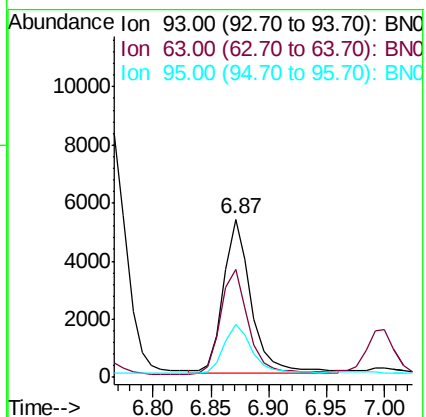
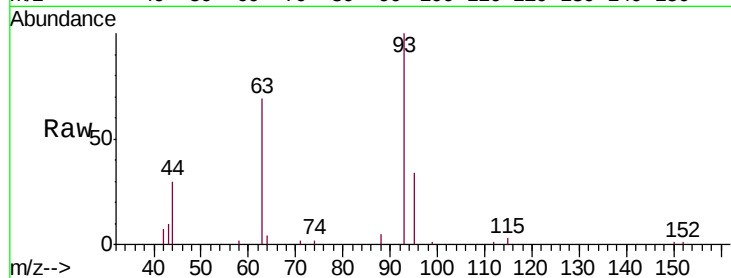
Tgt Ion: 93 Resp: 8790

Ion Ratio Lower Upper

93 100

63 69.1 55.6 83.4

95 33.2 26.7 40.1



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Tgt Ion: 136 Resp: 31781

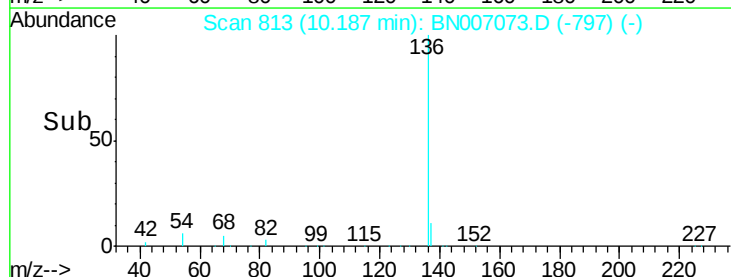
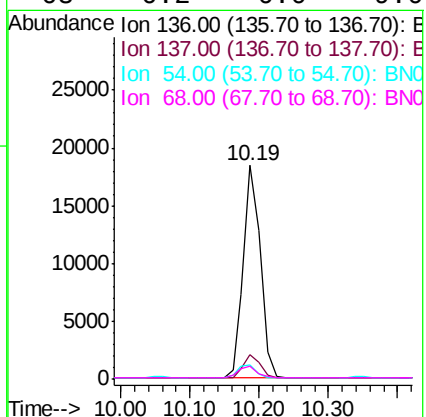
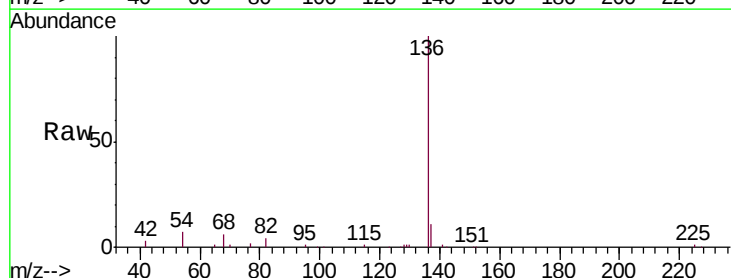
Ion Ratio Lower Upper

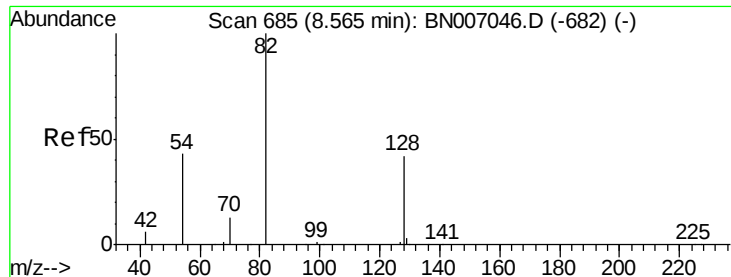
136 100

137 11.2 9.4 14.0

54 6.9 6.6 9.8

68 6.2 6.0 9.0





#7

Nitrobenzene-d5

Concen: 0.361 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

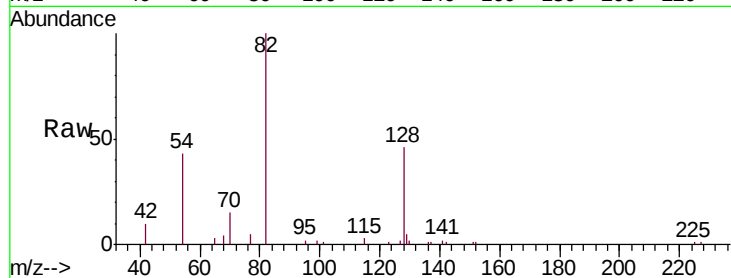
Tgt Ion: 82 Resp: 9260

Ion Ratio Lower Upper

82 100

128 46.3 34.6 51.8

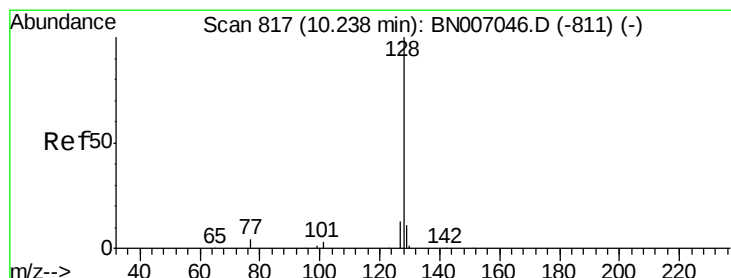
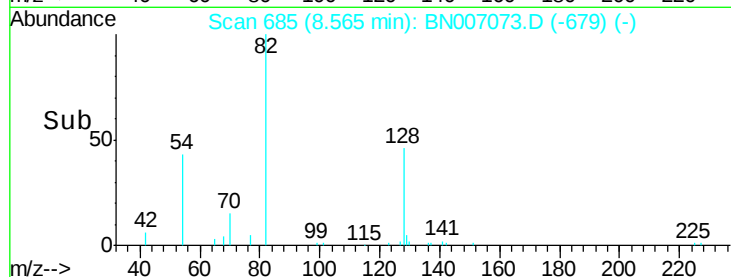
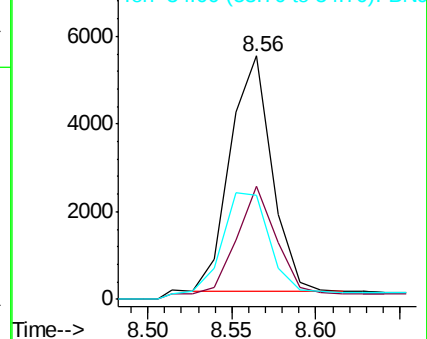
54 42.6 36.2 54.4



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: 0.374 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

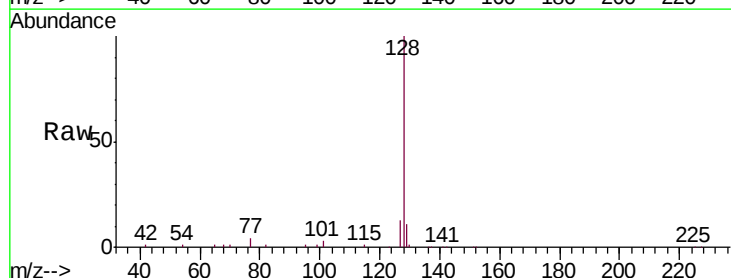
Tgt Ion: 128 Resp: 33341

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

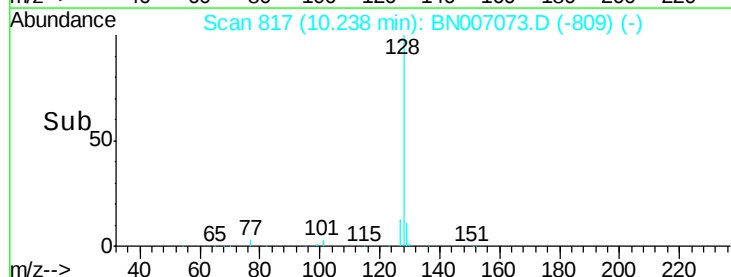
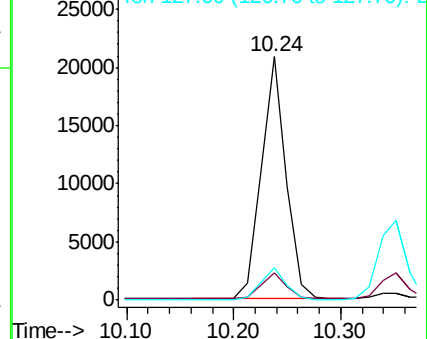
127 13.1 11.0 16.6

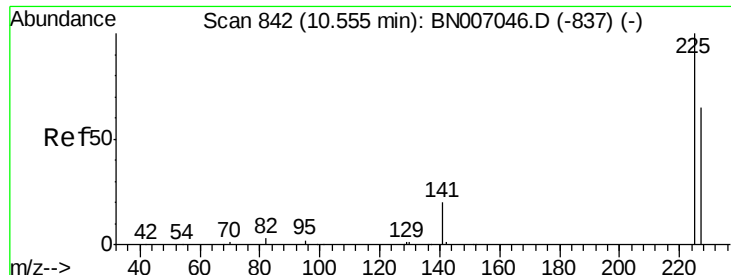


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC





#9

Hexachlorobutadiene

Concen: 0.376 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

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ClientSampleId :

SSTDCCC0.4

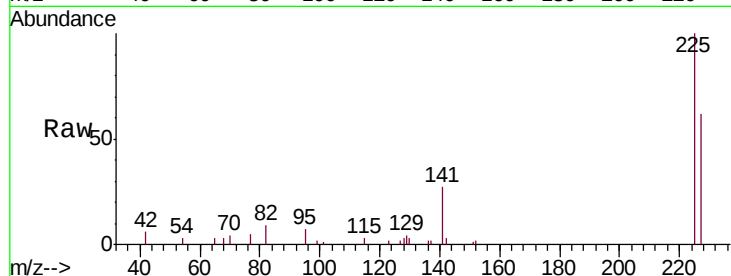
Tgt Ion: 225 Resp: 7149

Ion Ratio Lower Upper

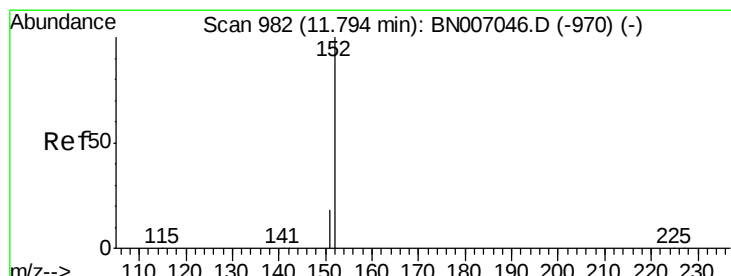
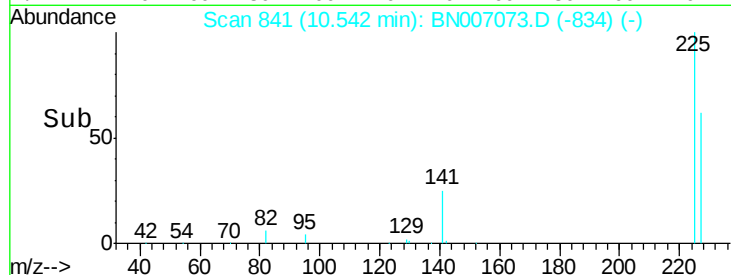
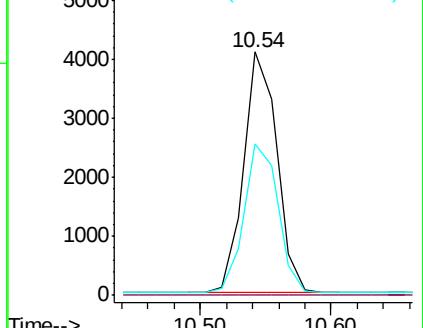
225 100

223 0.0 0.0 0.0

227 63.1 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: 0.371 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007073.D

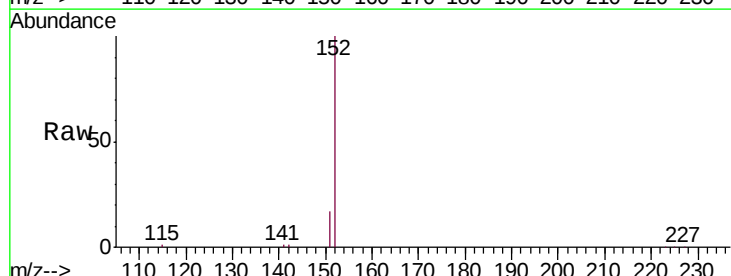
Acq: 11 Aug 2019 06:11

Tgt Ion: 152 Resp: 22012

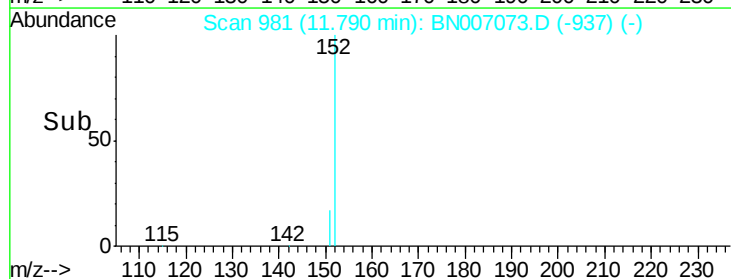
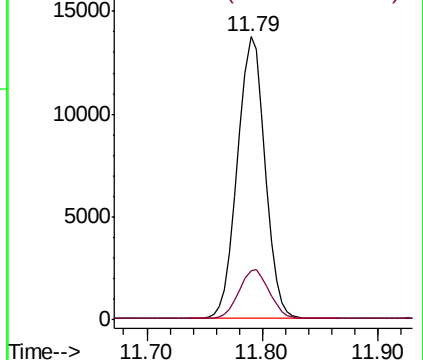
Ion Ratio Lower Upper

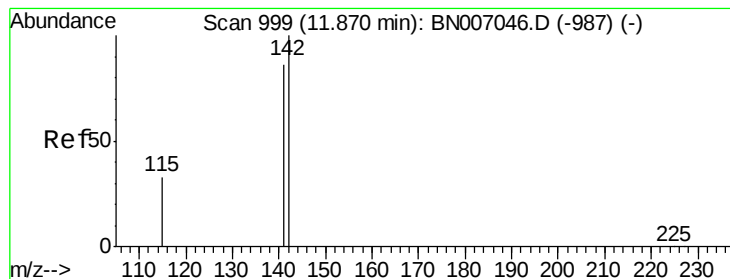
152 100

151 19.2 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: 0.374 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

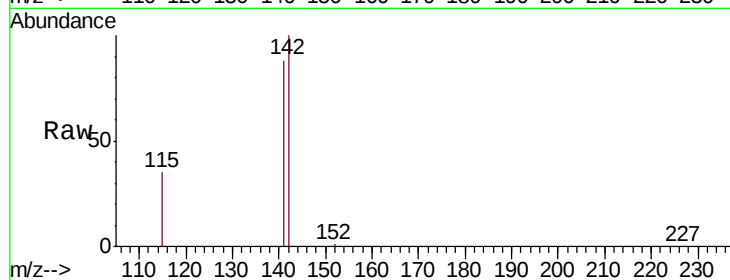
Tgt Ion:142 Resp: 23585

Ion Ratio Lower Upper

142 100

141 87.9 69.0 103.6

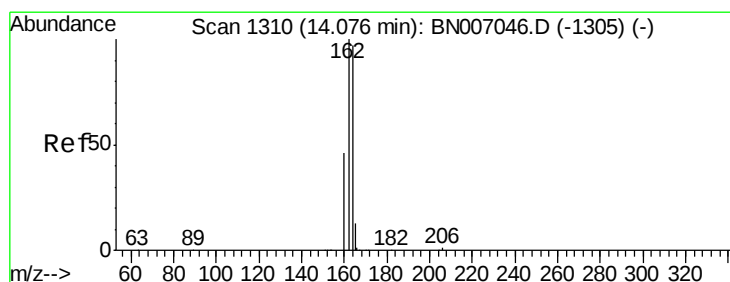
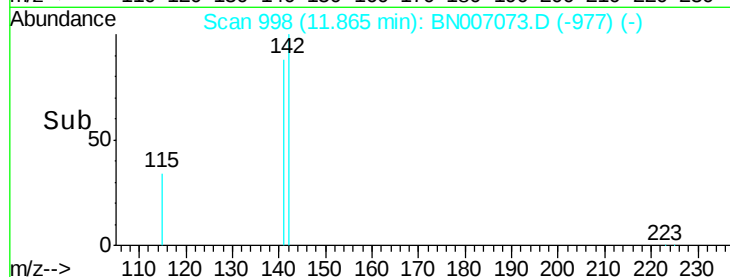
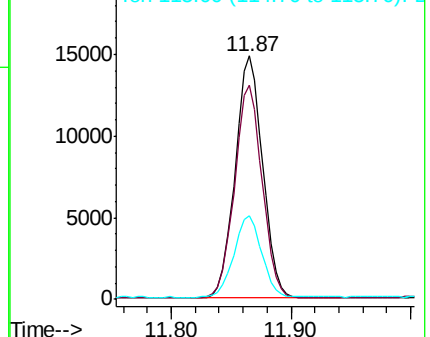
115 34.5 27.1 40.7



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: BN007073.D

Acq: 11 Aug 2019 06:11

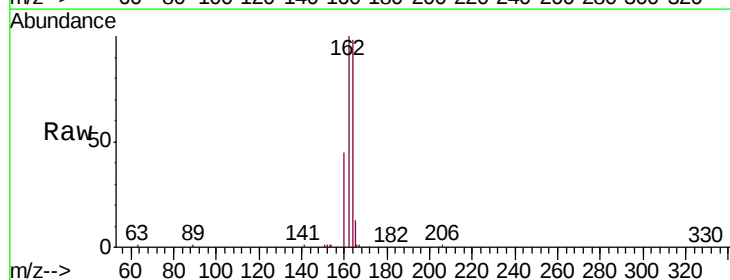
Tgt Ion:164 Resp: 18362

Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.4

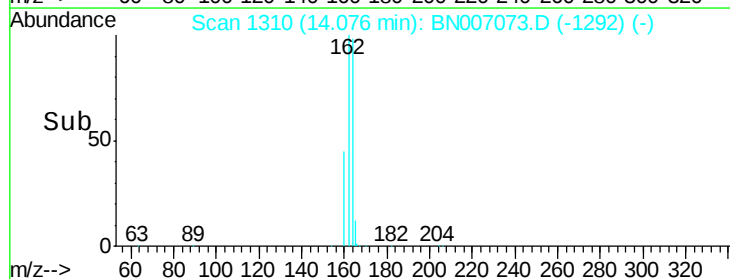
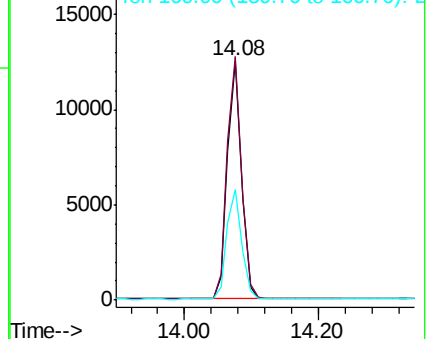
160 46.3 38.3 57.5

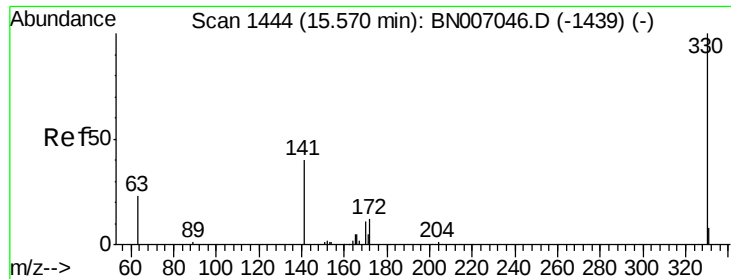


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

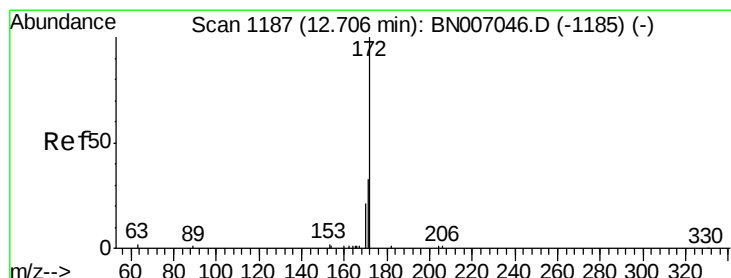
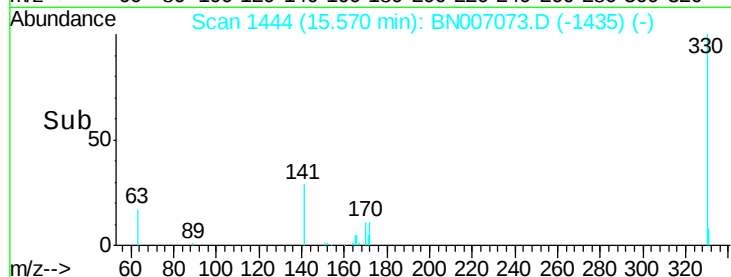
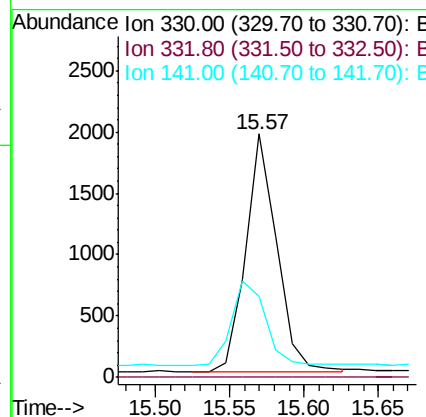
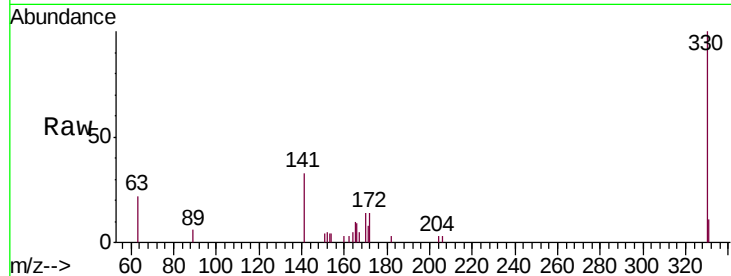




#13
 2,4,6-Tribromophenol
 Concen: 0.284 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007073.D
 Acq: 11 Aug 2019 06:11

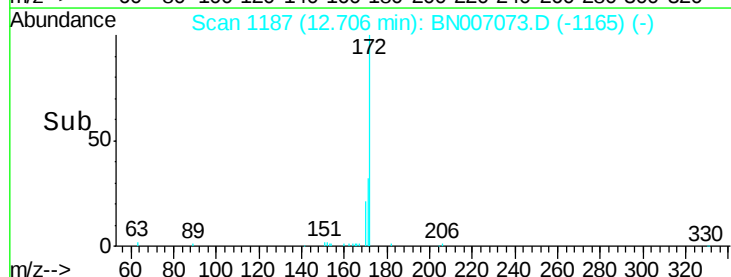
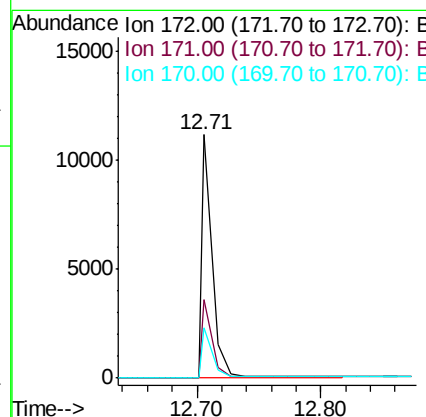
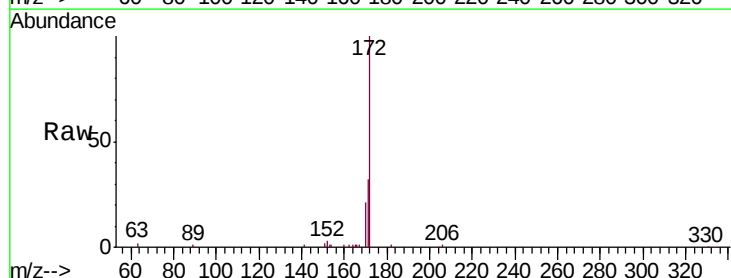
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

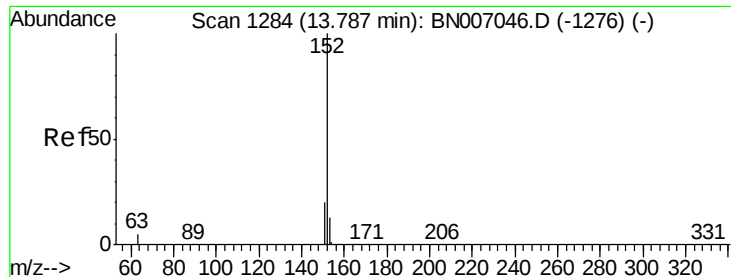
Tgt Ion: 330 Resp: 2812
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.9 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.304 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007073.D
 Acq: 11 Aug 2019 06:11

Tgt Ion: 172 Resp: 8109
 Ion Ratio Lower Upper
 172 100
 171 32.0 26.3 39.5
 170 20.7 17.0 25.4





#15

Acenaphthylene

Concen: 0.374 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

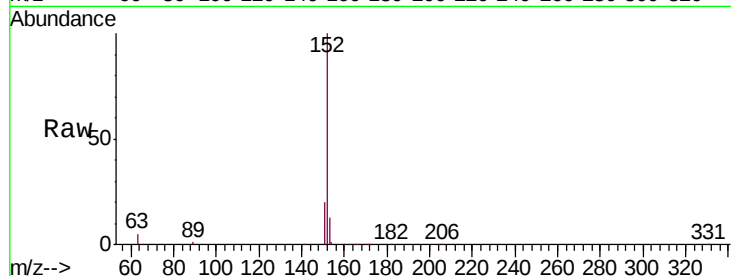
Tgt Ion:152 Resp: 35890

Ion Ratio Lower Upper

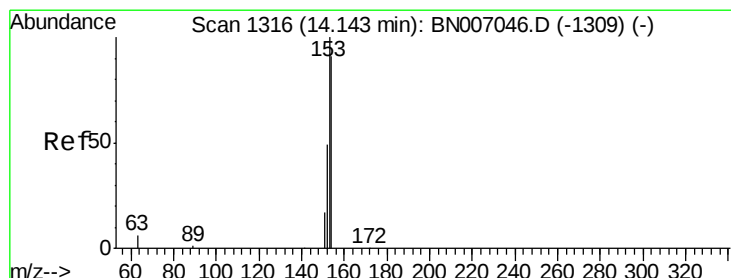
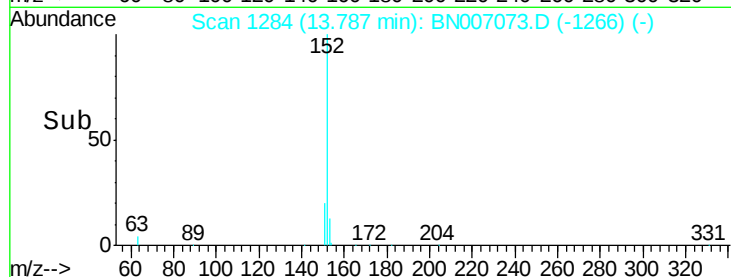
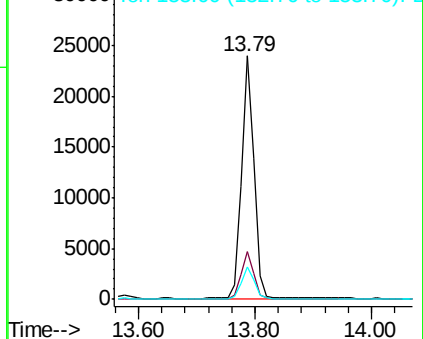
152 100

151 19.6 15.8 23.6

153 13.0 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: 0.377 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

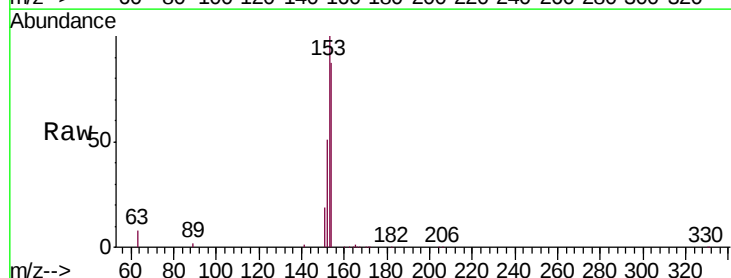
Tgt Ion:154 Resp: 23170

Ion Ratio Lower Upper

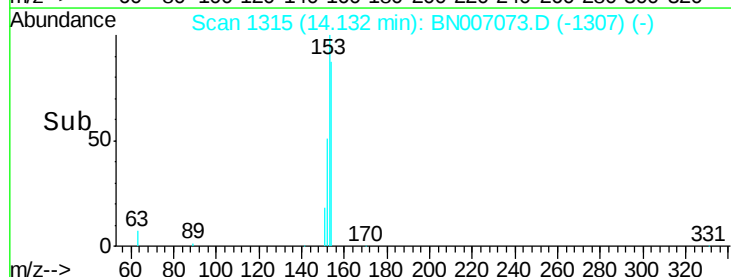
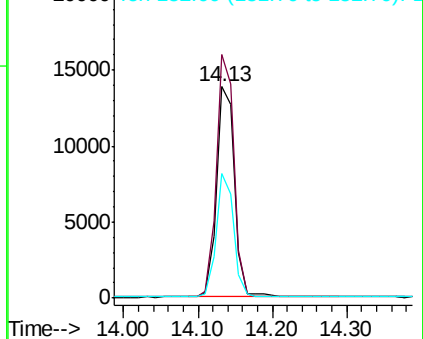
154 100

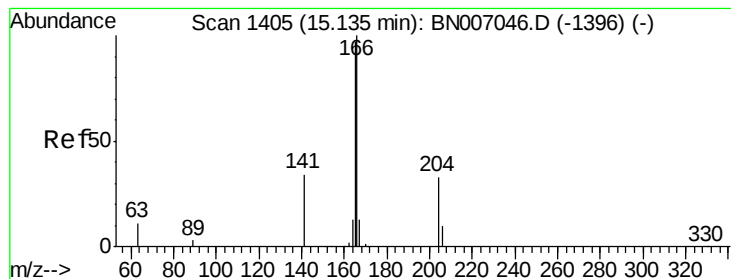
153 112.1 89.5 134.3

152 56.2 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: 0.325 ng

RT: 15.14 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

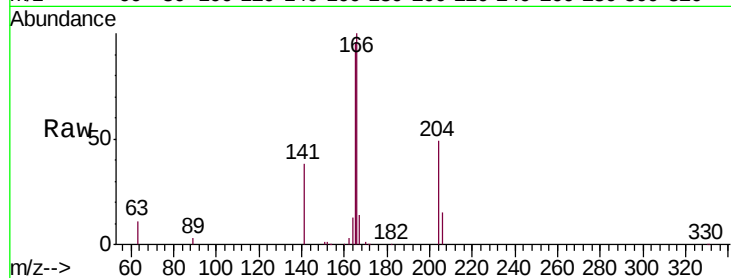
Tgt Ion:166 Resp: 29922

Ion Ratio Lower Upper

166 100

165 97.4 77.9 116.9

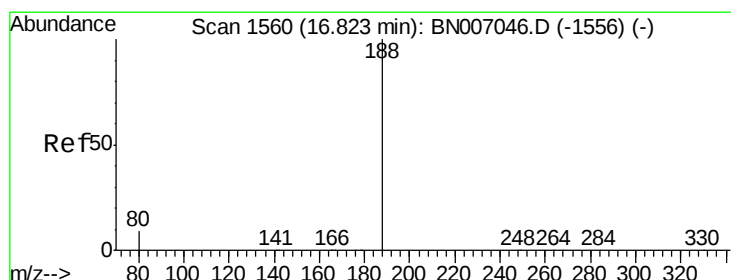
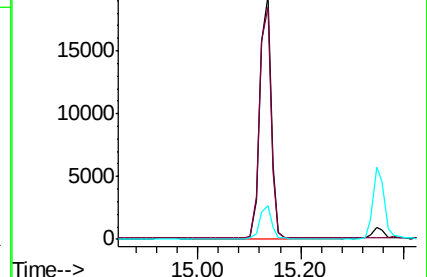
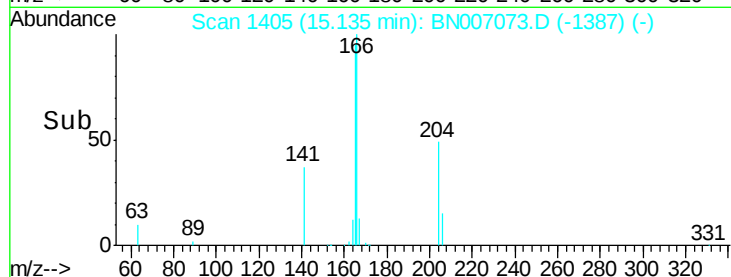
167 13.7 10.9 16.3



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: BN007073.D

Acq: 11 Aug 2019 06:11

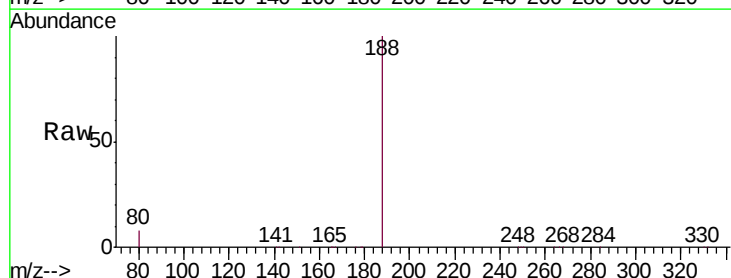
Tgt Ion:188 Resp: 44519

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

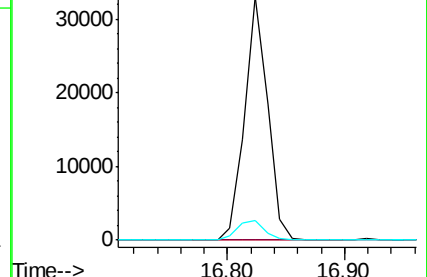
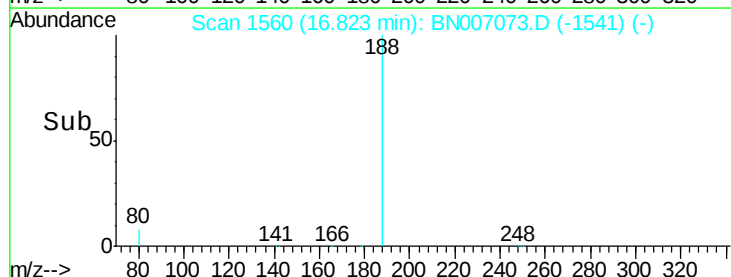
80 8.1 7.8 11.6

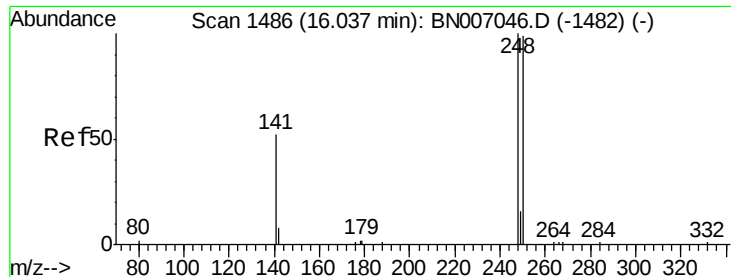


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.04 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

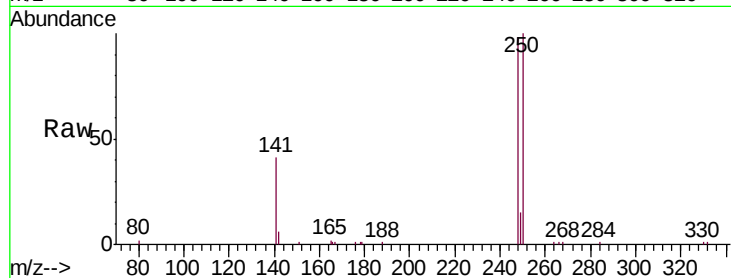
Tgt Ion:248 Resp: 10896

Ion Ratio Lower Upper

248 100

250 102.2 78.9 118.3

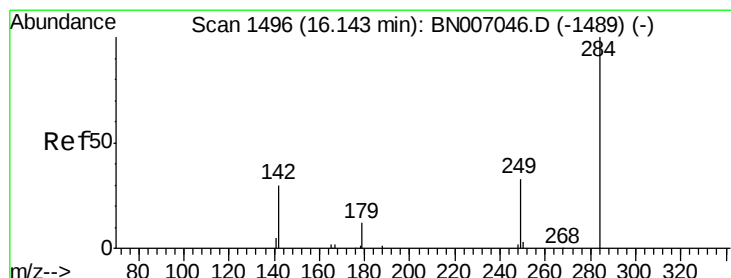
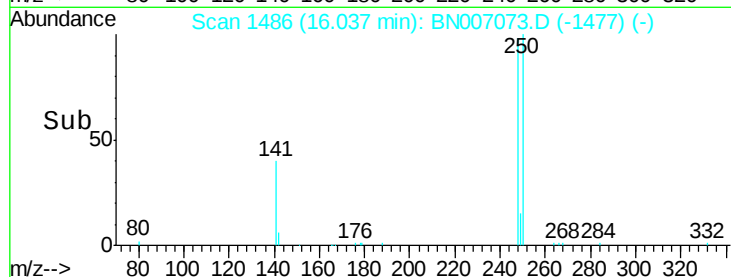
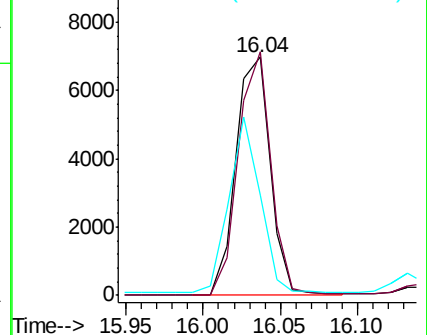
141 42.3 43.3 64.9#



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: BN007073.D

Acq: 11 Aug 2019 06:11

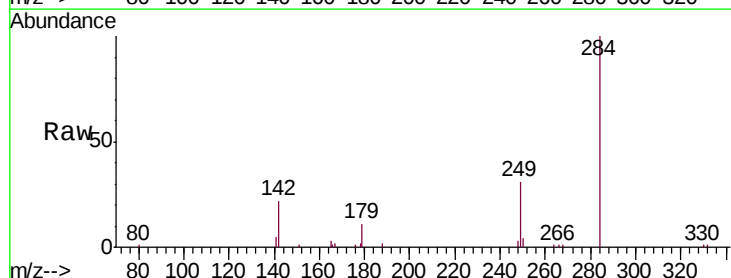
Tgt Ion:284 Resp: 10915

Ion Ratio Lower Upper

284 100

142 38.1 30.5 45.7

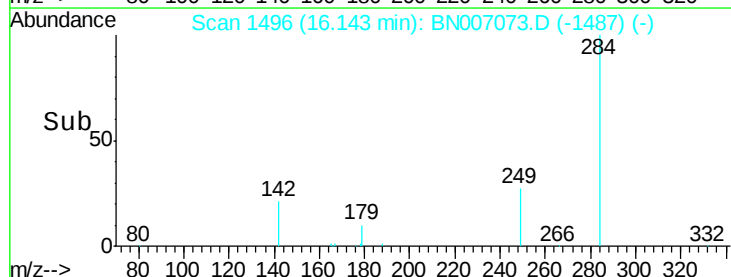
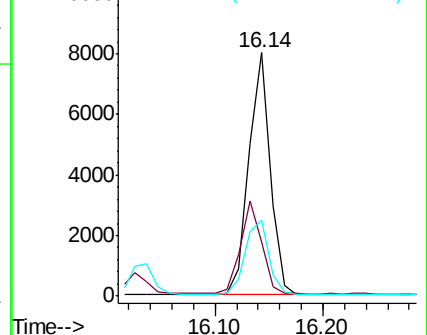
249 33.4 26.7 40.1



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

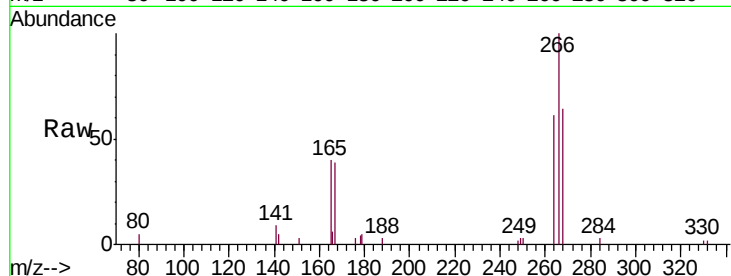




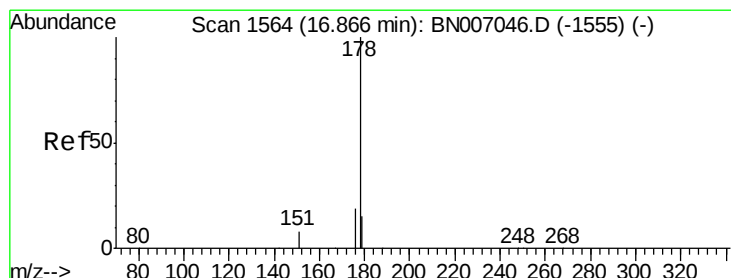
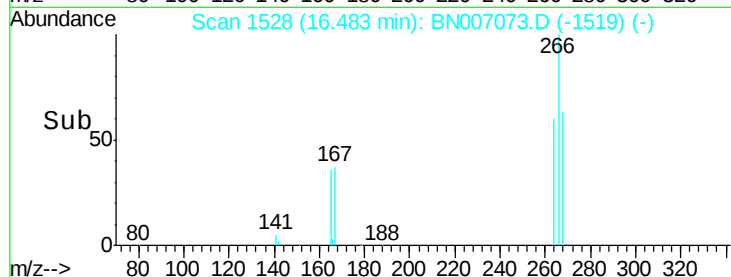
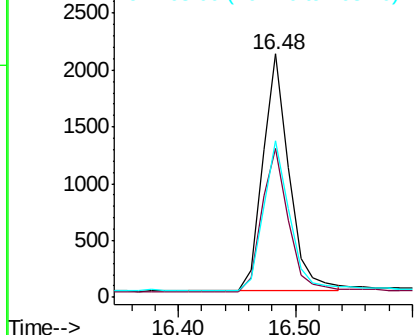
#21
 Pentachlorophenol
 Concen: 0.331 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007073.D
 Acq: 11 Aug 2019 06:11

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 266 Resp: 3262
 Ion Ratio Lower Upper
 266 100
 264 61.1 52.3 78.5
 268 64.4 51.5 77.3

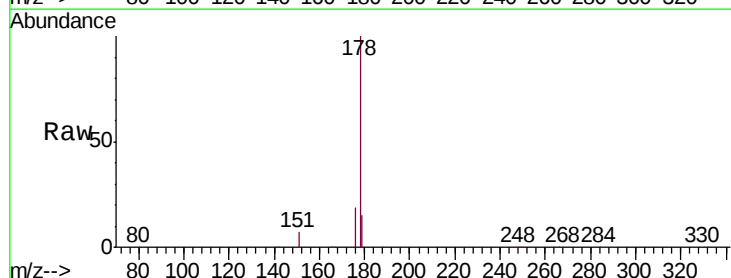


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

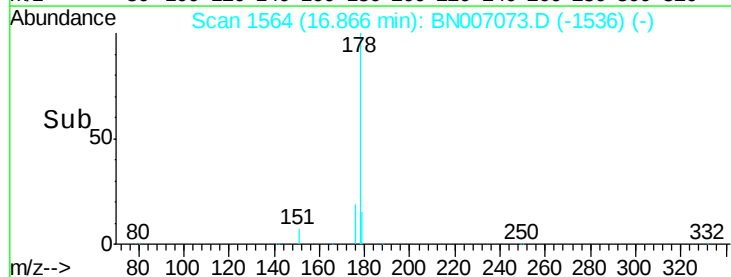
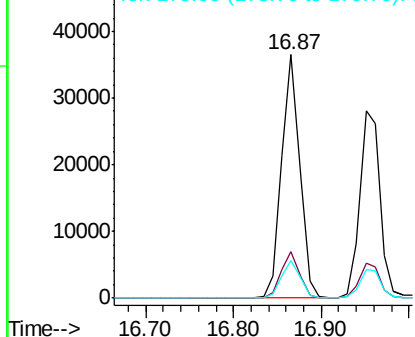


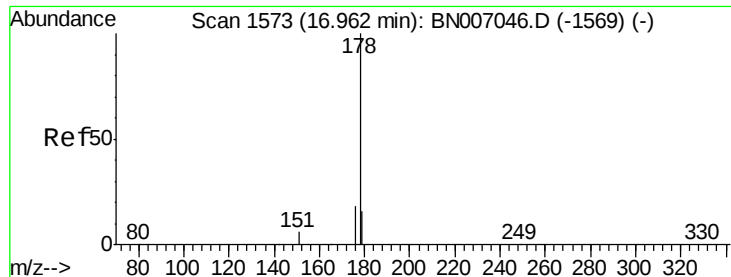
#22
 Phenanthrene
 Concen: 0.389 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007073.D
 Acq: 11 Aug 2019 06:11

Tgt Ion: 178 Resp: 51950
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.3 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: 0.370 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

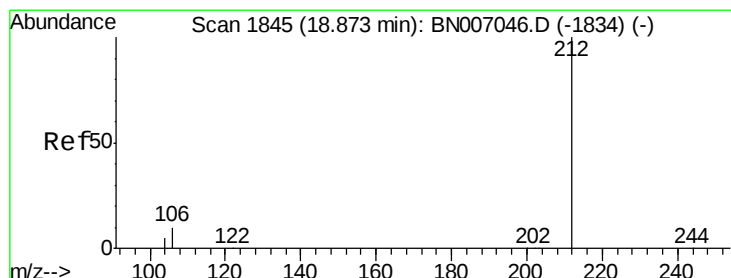
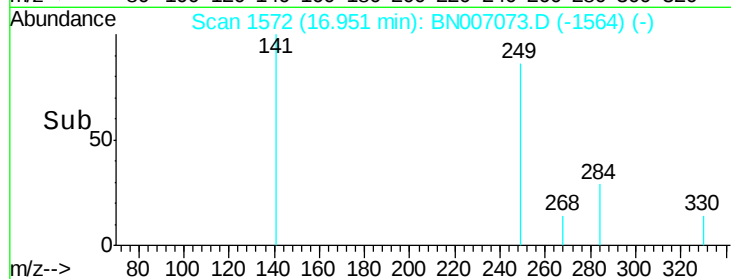
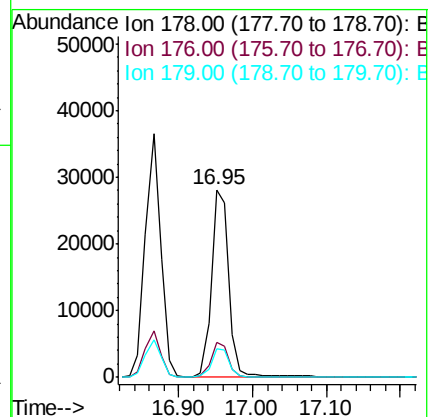
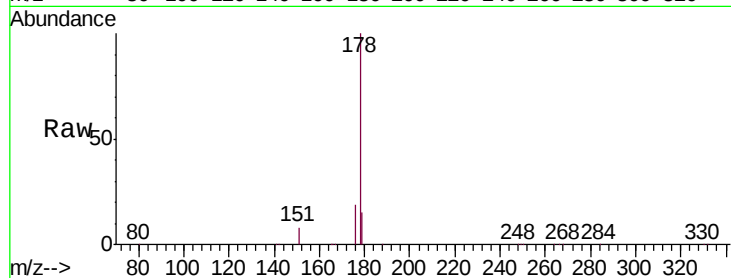
Tgt Ion:178 Resp: 45136

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.4 12.5 18.7



#24

Fluoranthene-d10

Concen: 0.354 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

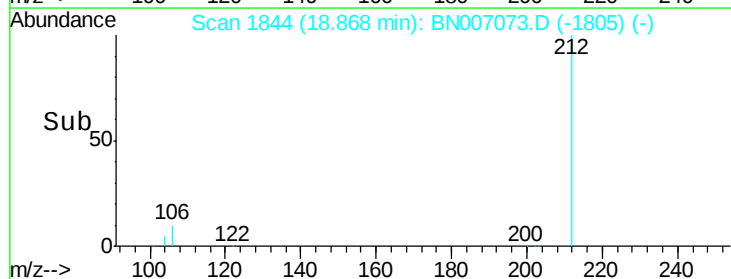
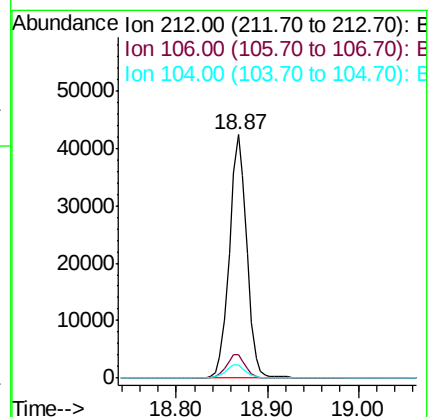
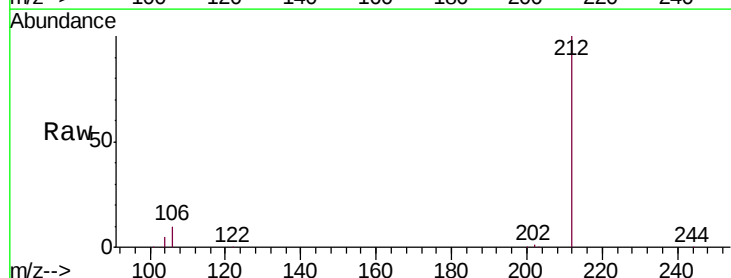
Tgt Ion:212 Resp: 55914

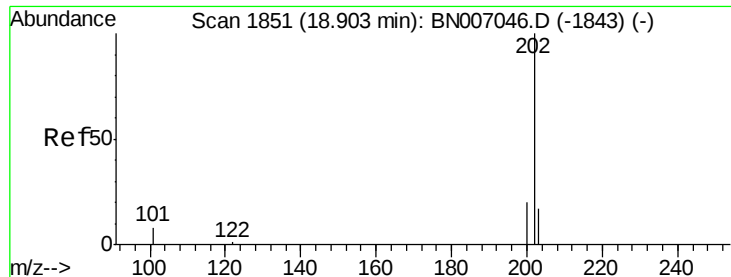
Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

104 5.6 4.5 6.7





#25

Fluoranthene

Concen: 0.362 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

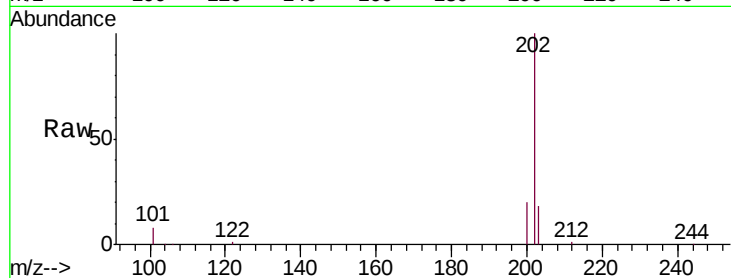
Tgt Ion:202 Resp: 61857

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

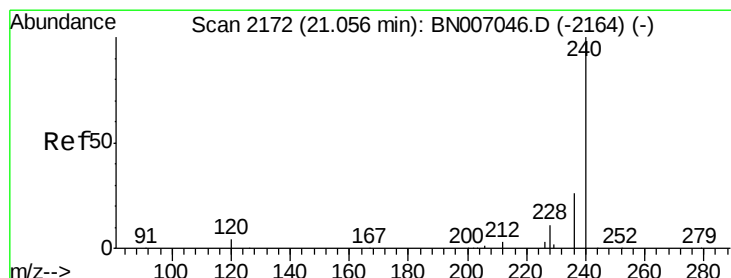
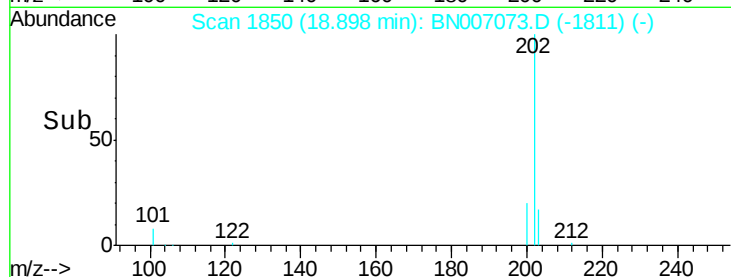
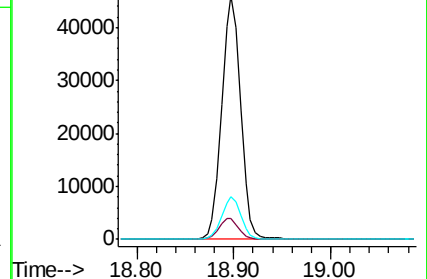
203 17.3 13.8 20.8



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: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

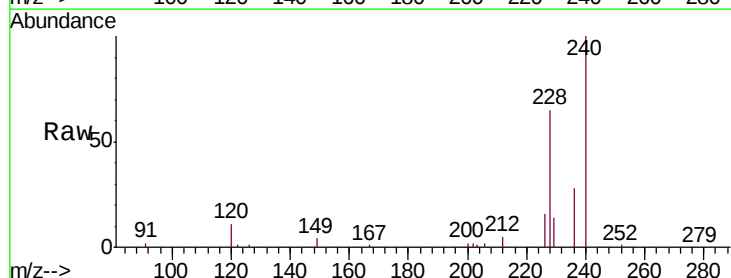
Tgt Ion:240 Resp: 46239

Ion Ratio Lower Upper

240 100

120 10.9 4.0 6.0#

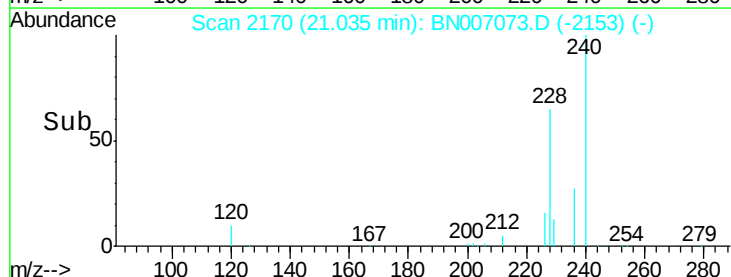
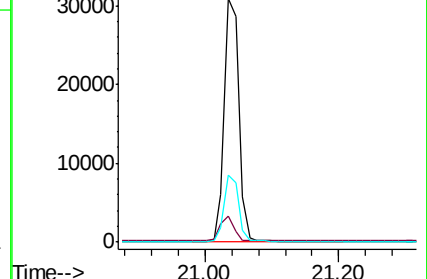
236 27.7 21.3 31.9

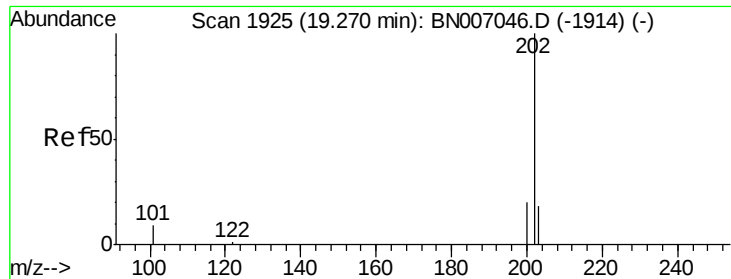


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

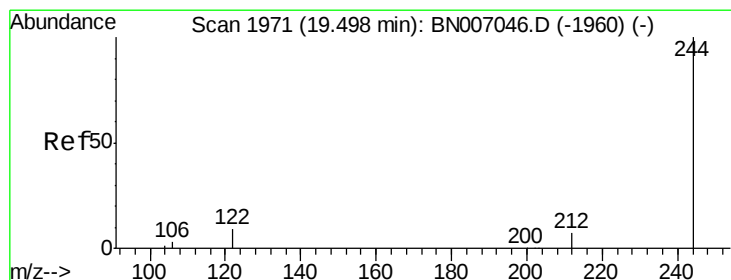
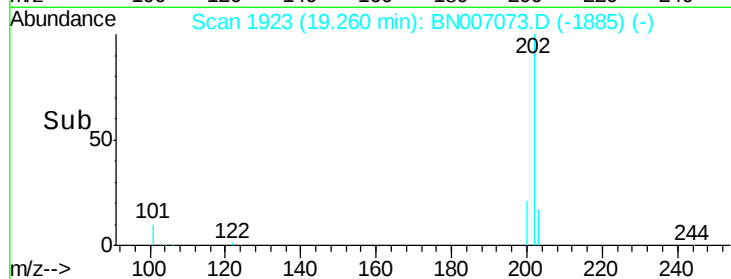
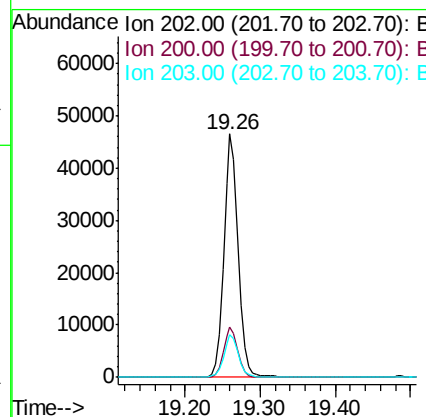
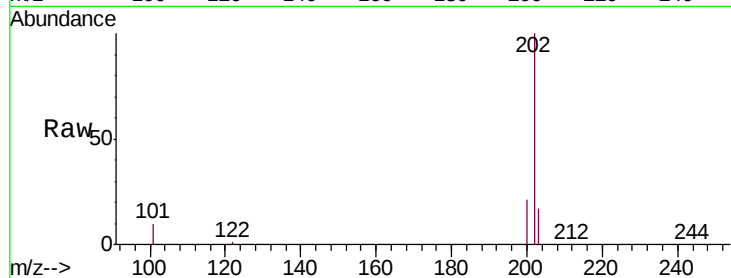




#27
 Pyrene
 Concen: 0.383 ng
 RT: 19.26 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BN007073.D
 Acq: 11 Aug 2019 06:11

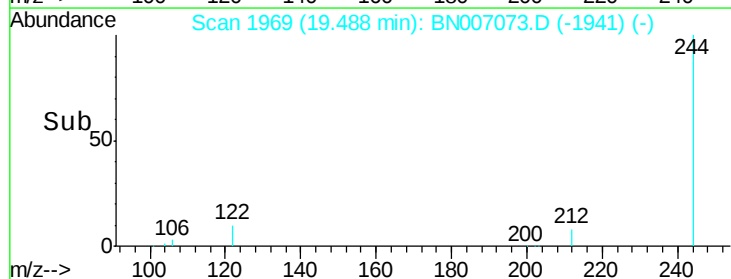
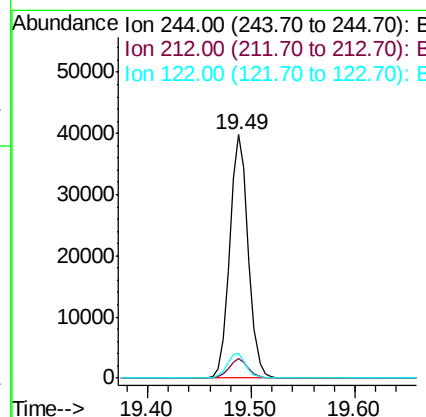
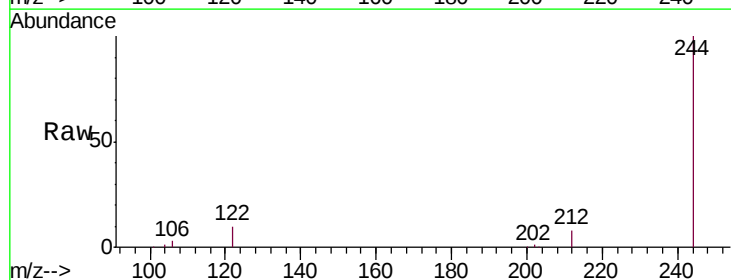
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

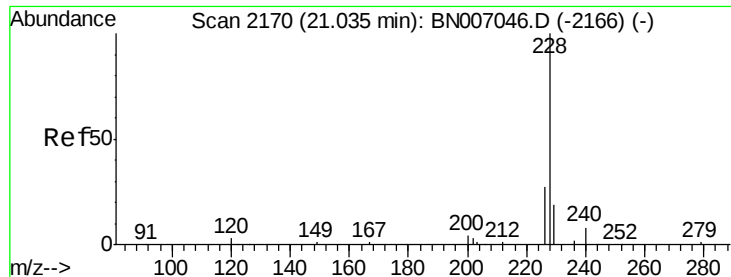
Tgt Ion: 202 Resp: 62170
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 24.8
 203 17.6 14.0 21.0



#28
 Terphenyl-d14
 Concen: 0.385 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007073.D
 Acq: 11 Aug 2019 06:11

Tgt Ion: 244 Resp: 48575
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 10.1 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.374 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

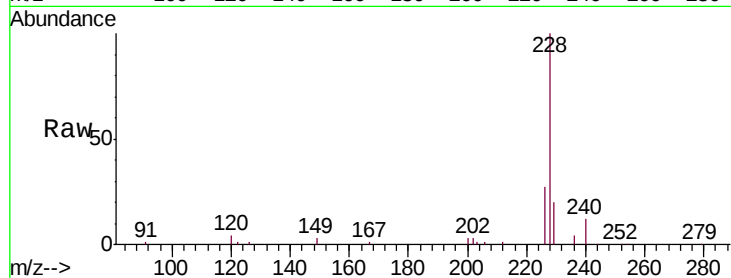
Tgt Ion:228 Resp: 63262

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

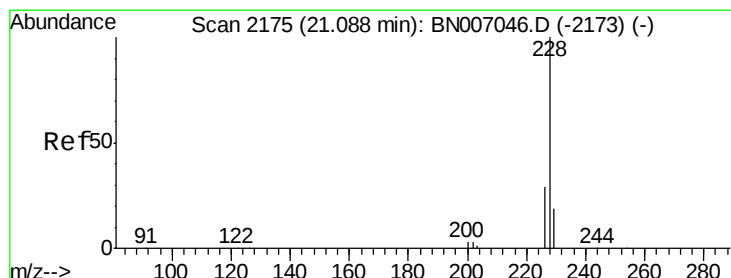
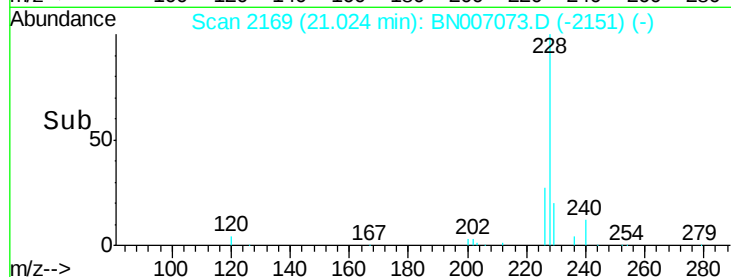
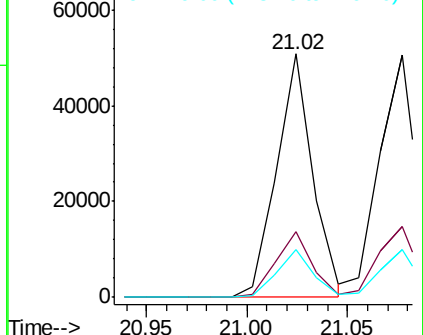
229 19.8 15.6 23.4



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: 0.395 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

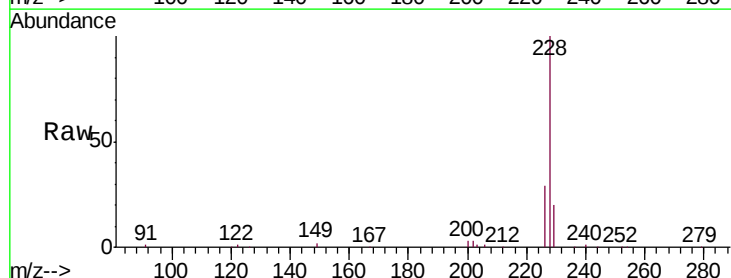
Tgt Ion:228 Resp: 64844

Ion Ratio Lower Upper

228 100

226 29.1 23.8 35.6

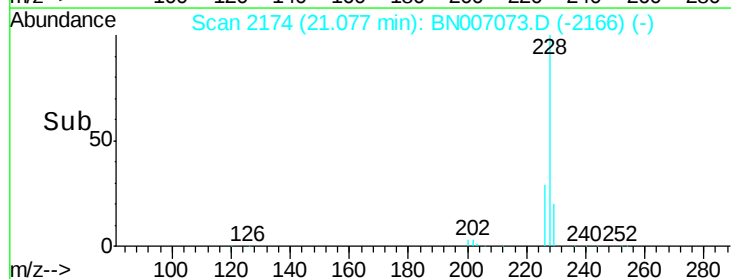
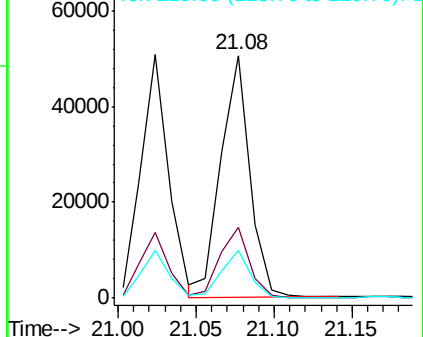
229 19.8 15.7 23.5

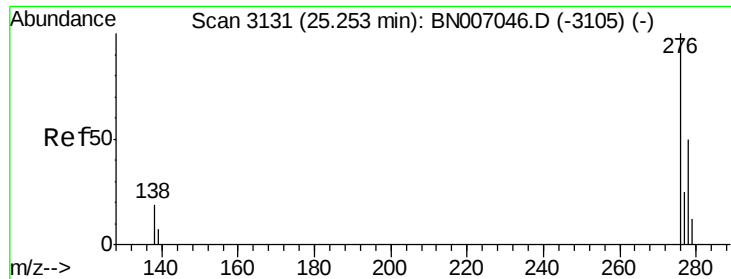


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

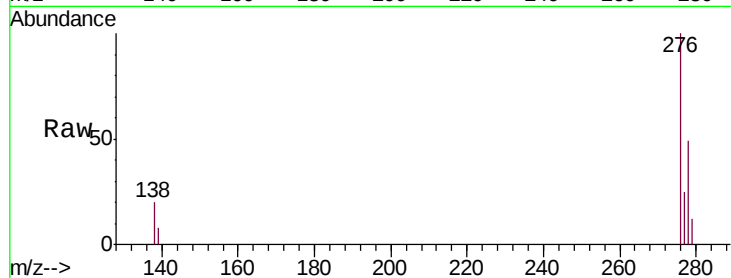




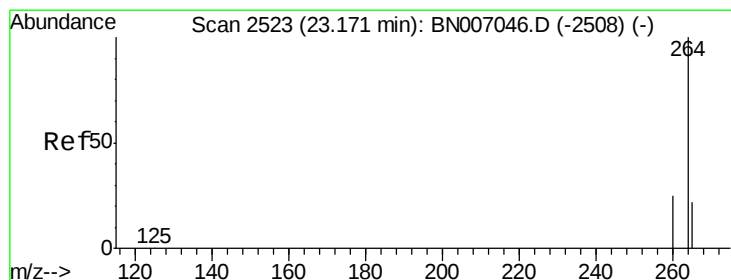
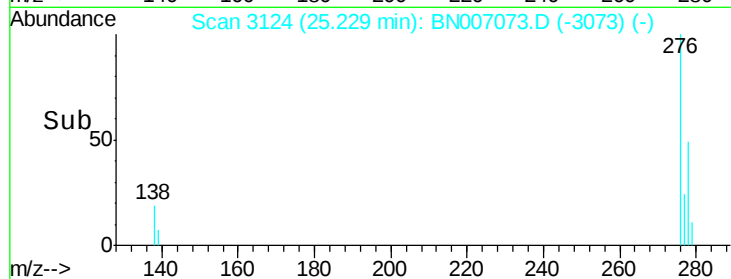
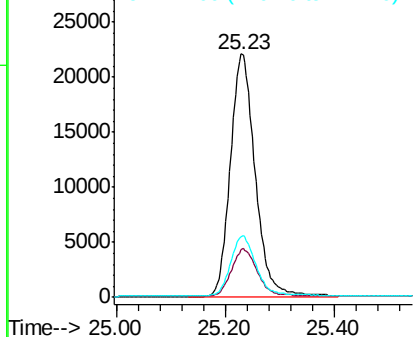
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.385 ng
 RT: 25.23 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BN007073.D
 Acq: 11 Aug 2019 06:11

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:276 Resp: 69785
 Ion Ratio Lower Upper
 276 100
 138 20.2 16.0 24.0
 277 25.0 19.9 29.9

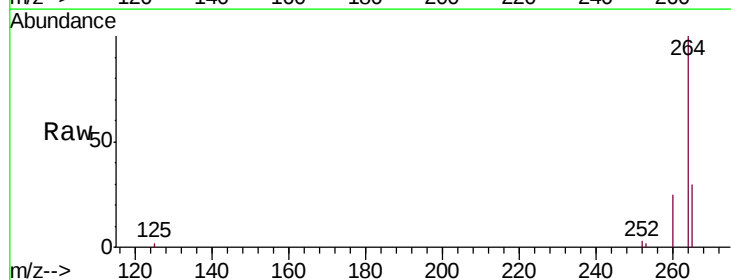


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

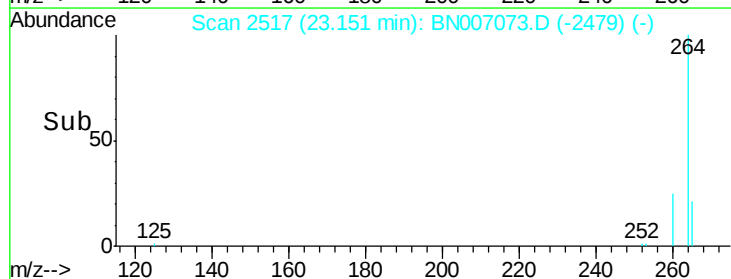
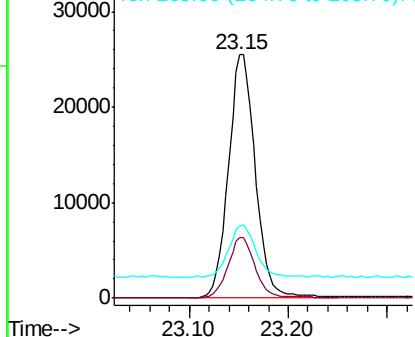


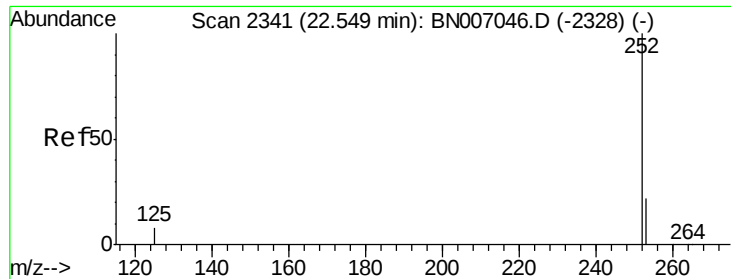
#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2517
 Delta R.T. -0.02 min
 Lab File: BN007073.D
 Acq: 11 Aug 2019 06:11

Tgt Ion:264 Resp: 47330
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.8
 265 29.6 26.2 39.4



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

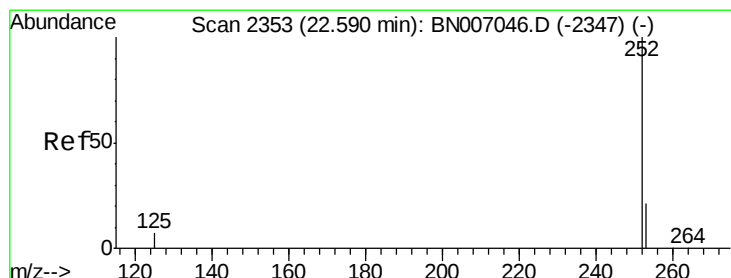
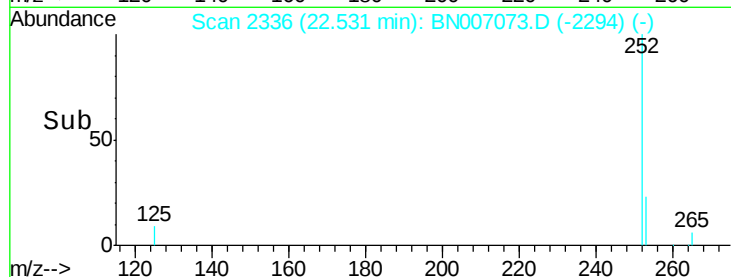
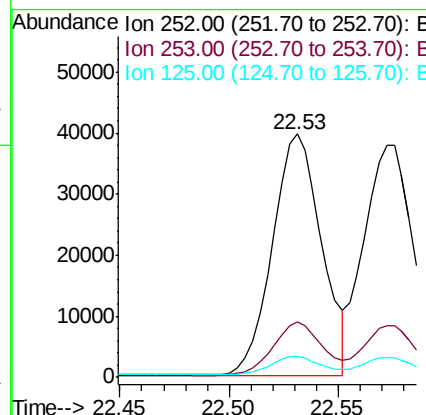
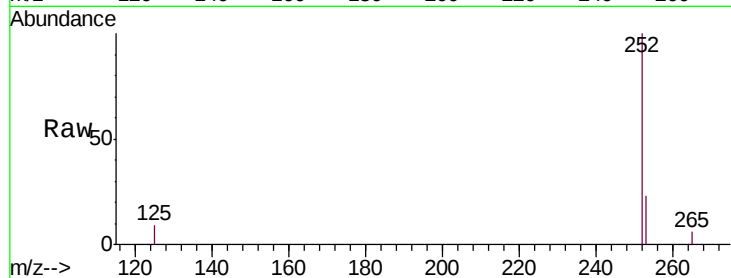




#33
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.53 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

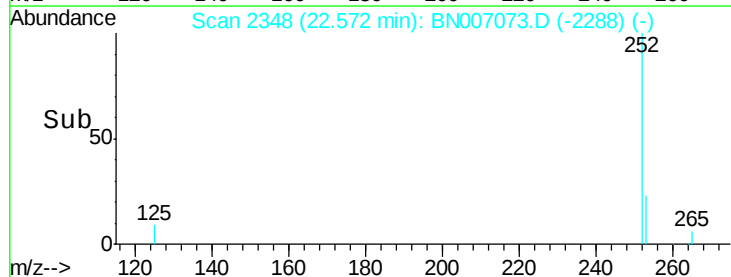
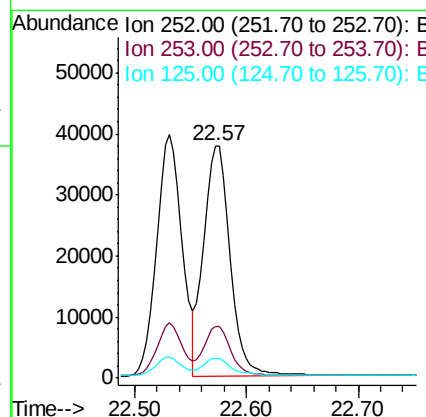
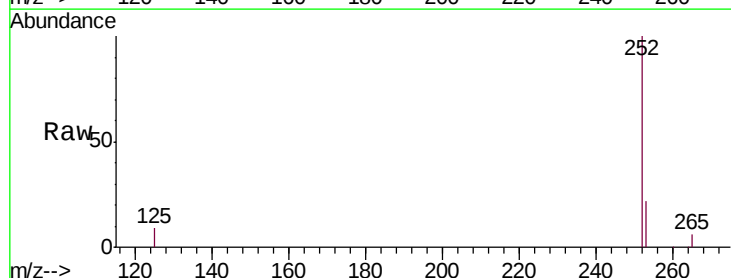
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

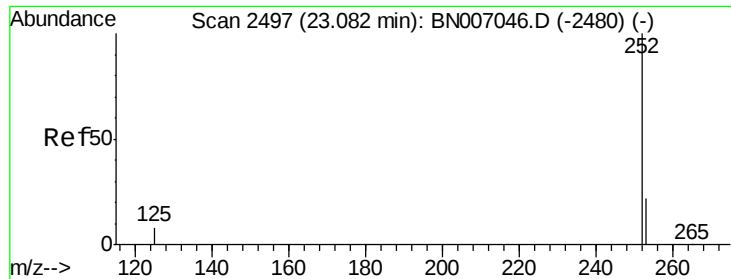
Tgt Ion:252 Resp: 61959
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.7 7.4 11.0



#34
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 22.57 min Scan# 2348
Delta R.T. -0.02 min
Lab File: BN007073.D
Acq: 11 Aug 2019 06:11

Tgt Ion:252 Resp: 61802
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 8.6 7.4 11.0





#35

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

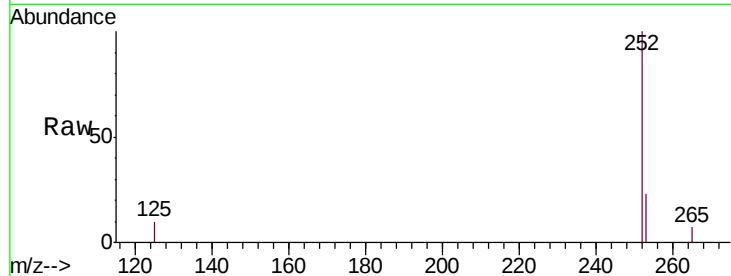
Tgt Ion:252 Resp: 55293

Ion Ratio Lower Upper

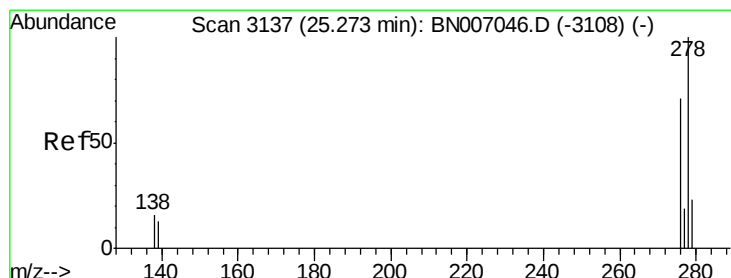
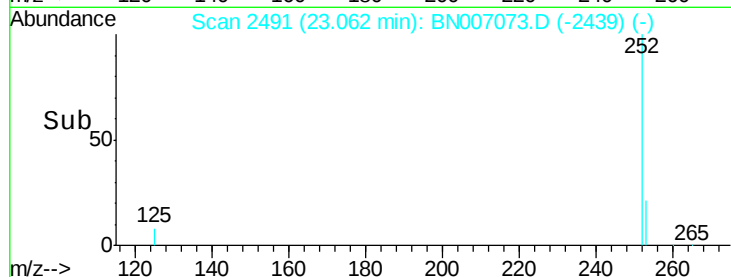
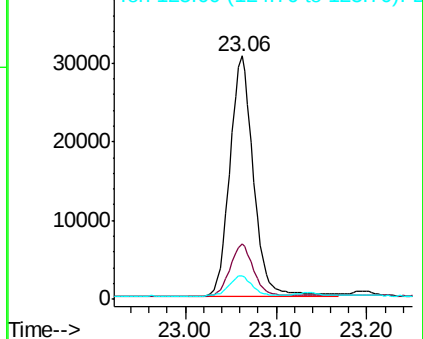
252 100

253 22.6 18.5 27.7

125 9.5 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: 0.391 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007073.D

Acq: 11 Aug 2019 06:11

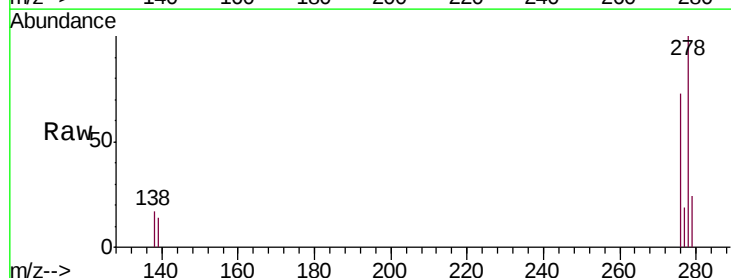
Tgt Ion:278 Resp: 57375

Ion Ratio Lower Upper

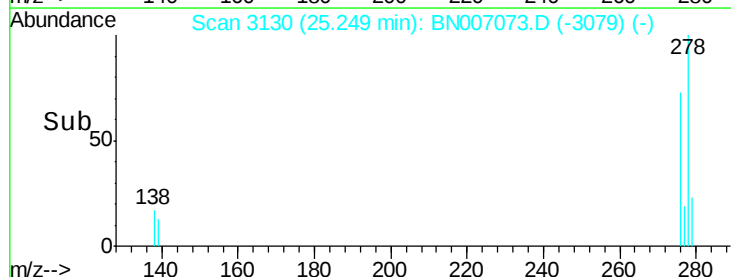
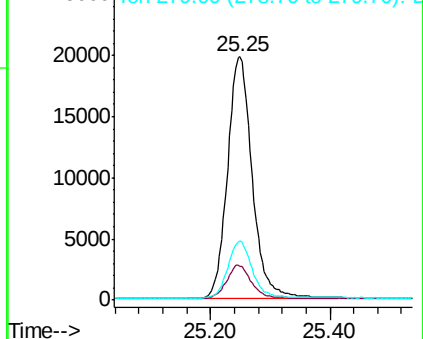
278 100

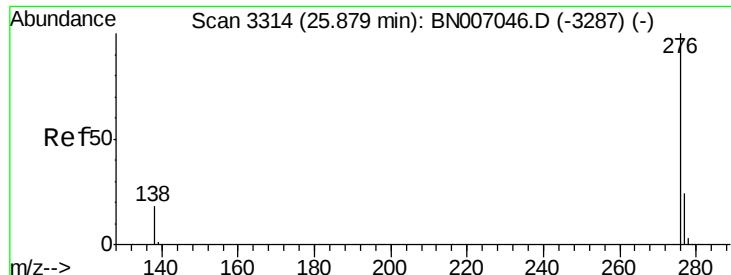
139 14.0 11.3 16.9

279 24.2 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(g,h,i)perylene

Concen: 0.383 ng

RT: 25.85 min Scan# 3306

Delta R.T. -0.03 min

Lab File: BN007073.D

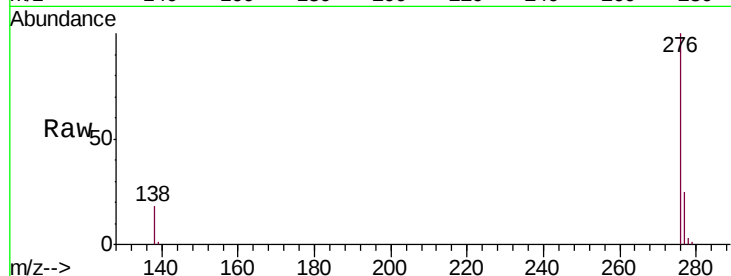
Acq: 11 Aug 2019 06:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 57900

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 18.0 14.6 22.0

