

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082519\
 Data File : BN007402.D
 Acq On : 25 Aug 2019 19:01
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 26 05:27:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4479	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	18454	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	9931	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	22795	0.40	ng	0.00
27) Chrysene-d12	21.02	240	23203	0.40	ng	0.00
34) Perylene-d12	23.12	264	25913	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	5536	0.35	ng	0.00
5) Phenol-d6	6.59	99	7059	0.35	ng	0.00
8) Nitrobenzene-d5	8.53	82	6158	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	11629	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2191	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	15584	0.39	ng	0.00
25) Fluoranthene-d10	18.84	212	27725	0.38	ng	0.00
29) Terphenyl-d14	19.46	244	22334	0.37	ng	0.00

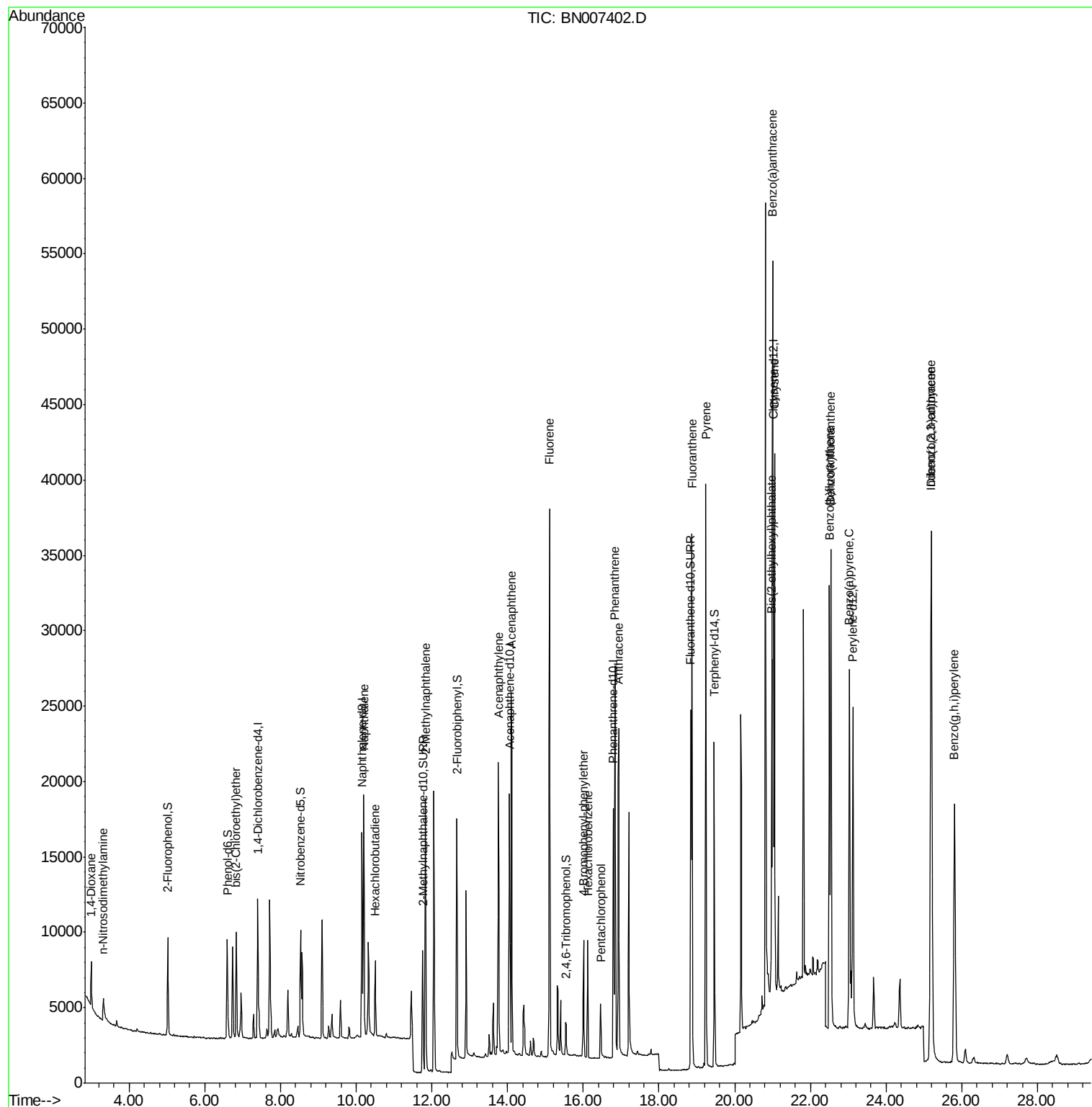
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	2622	0.352	ng	# 77
3) n-Nitrosodimethylamine	3.31	42	1248	0.361	ng	# 83
6) bis(2-Chloroethyl)ether	6.84	93	5974	0.369	ng	98
9) Naphthalene	10.20	128	20532	0.389	ng	# 90
10) Hexachlorobutadiene	10.51	225	4046	0.375	ng	# 100
12) 2-Methylnaphthalene	11.83	142	13670	0.381	ng	96
16) Acenaphthylene	13.76	152	21939	0.373	ng	99
17) Acenaphthene	14.10	154	13139	0.382	ng	99
18) Fluorene	15.10	166	16612	0.382	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	2841	0.316	ng	# 90
21) Hexachlorobenzene	16.11	284	6139	0.402	ng	95
22) Pentachlorophenol	16.46	266	2230	0.470	ng	# 63
23) Phenanthrene	16.84	178	27007	0.394	ng	99
24) Anthracene	16.93	178	25416	0.369	ng	99
26) Fluoranthene	18.87	202	33920	0.385	ng	100
28) Pyrene	19.24	202	35110	0.376	ng	99
30) Benzo(a)anthracene	21.00	228	34908	0.383	ng	99
31) Chrysene	21.06	228	34397	0.391	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	22505	0.363	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	42750	0.403	ng	98
35) Benzo(b)fluoranthene	22.50	252	35692	0.380	ng	97
36) Benzo(k)fluoranthene	22.54	252	36523	0.394	ng	99
37) Benzo(a)pyrene	23.03	252	34250	0.383	ng	97
38) Dibenzo(a,h)anthracene	25.20	278	34279	0.385	ng	96
39) Benzo(g,h,i)perylene	25.81	276	35114	0.395	ng	97

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

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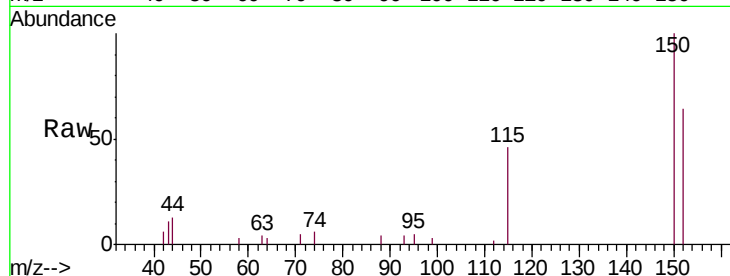


#1

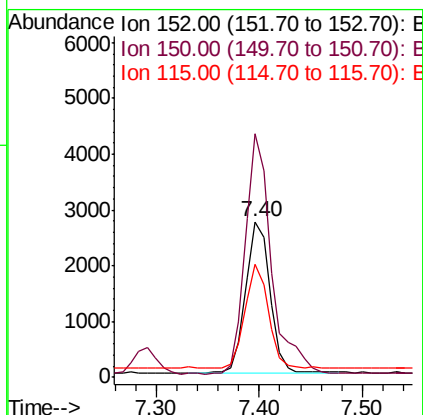
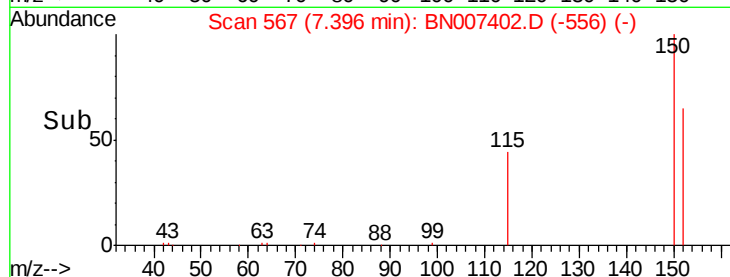
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 4479
Ion Ratio Lower Upper
152 100
150 156.2 109.1 163.7
115 72.1 59.6 89.4



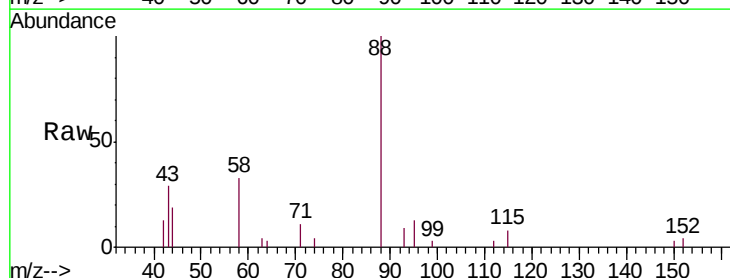
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



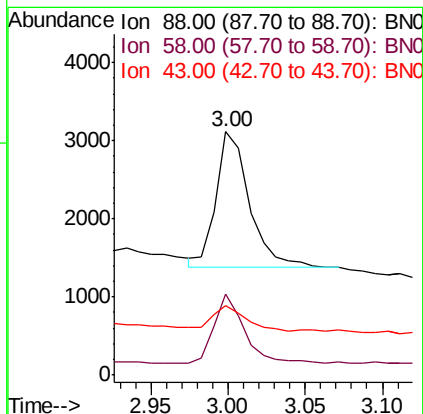
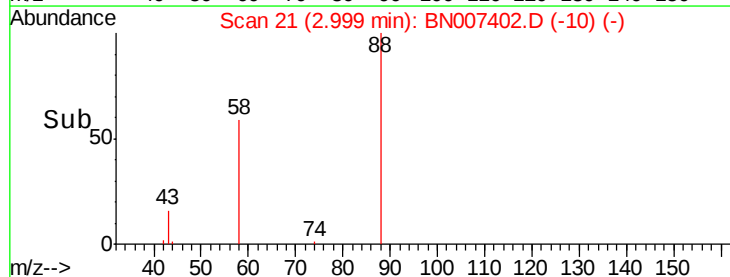
#2

1,4-Dioxane
Concen: 0.352 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion: 88 Resp: 2622
Ion Ratio Lower Upper
88 100
58 45.6 50.5 75.7#
43 20.0 0.0 0.0#



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: 0.361 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

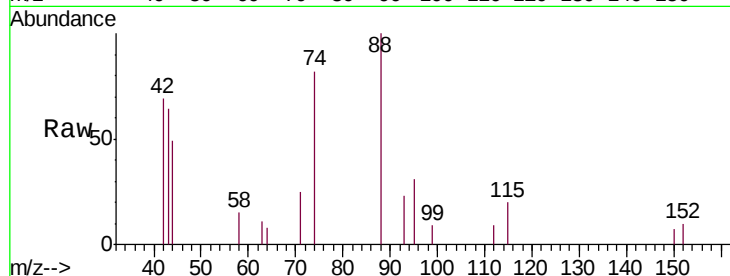
Tot Ion: 42 Resp: 1248

Ion Ratio Lower Upper

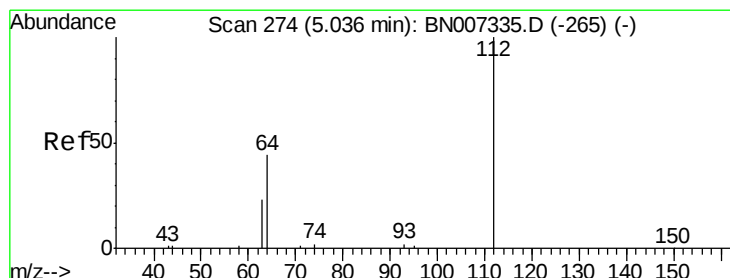
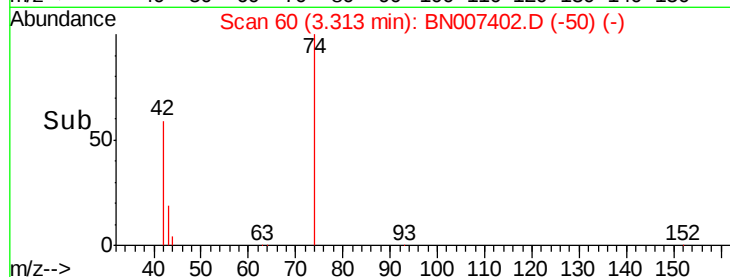
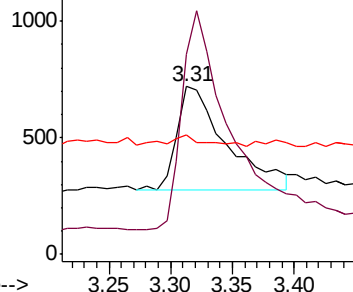
42 100

74 205.4 144.7 217.1

44 8.0 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.353 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

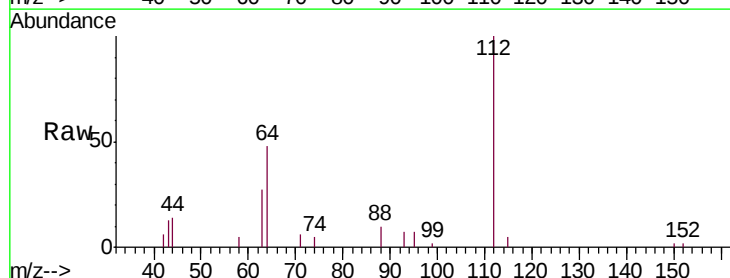
Tgt Ion: 112 Resp: 5536

Ion Ratio Lower Upper

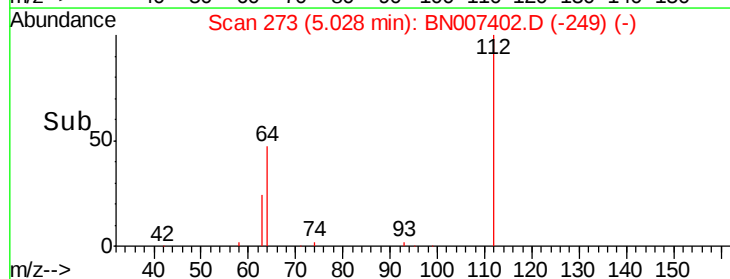
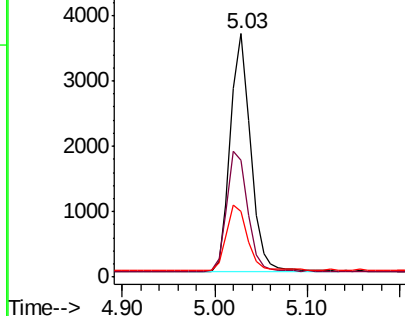
112 100

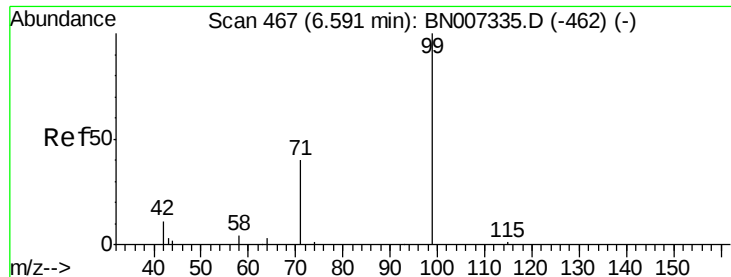
64 53.1 42.3 63.5

63 28.7 23.6 35.4



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





#5

Phenol-d6

Concen: 0.354 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

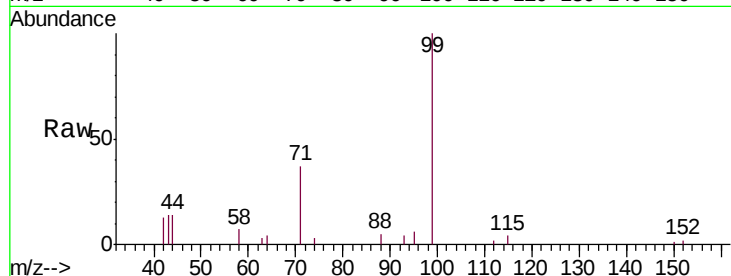
Tot Ion: 99 Resp: 7059

Ion Ratio Lower Upper

99 100

42 12.3 11.2 16.8

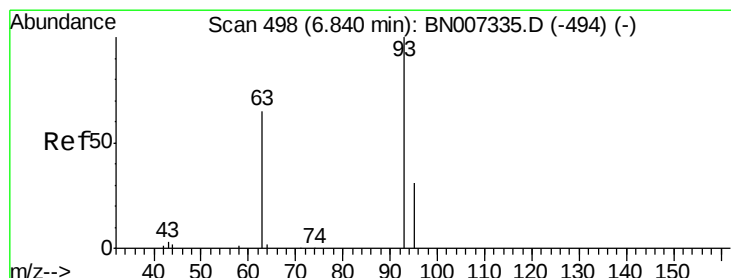
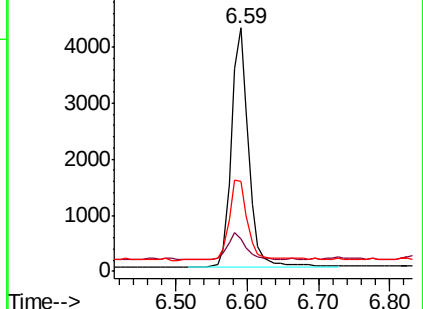
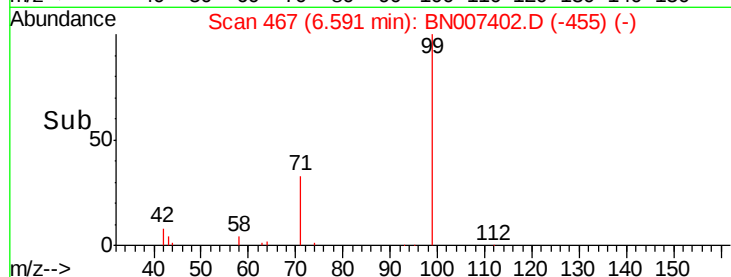
71 34.7 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007402.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007402.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007402.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.369 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

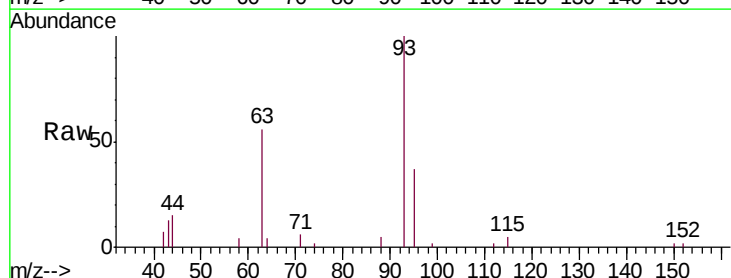
Tgt Ion: 93 Resp: 5974

Ion Ratio Lower Upper

93 100

63 63.4 51.9 77.9

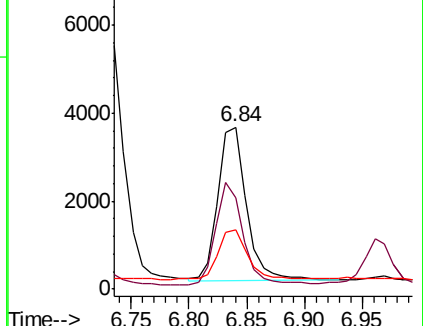
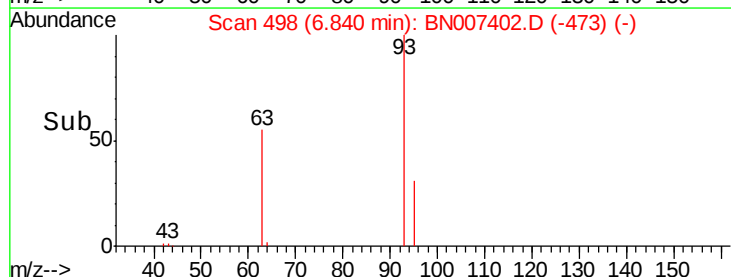
95 32.9 27.7 41.5

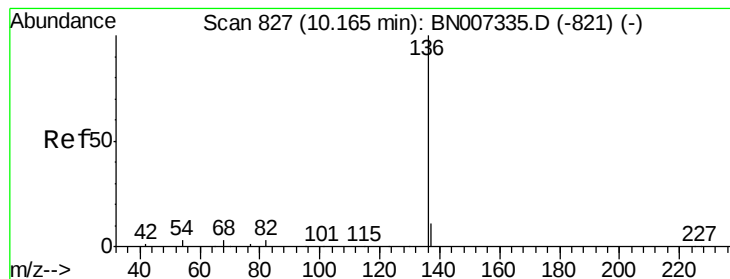


Abundance Ion 93.00 (92.70 to 93.70): BN007402.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007402.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007402.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 18454

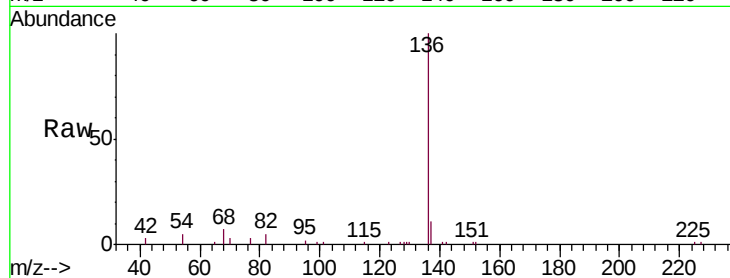
Ion Ratio Lower Upper

136 100

137 11.5 12.9 19.3#

54 5.3 8.6 12.8#

68 6.8 17.0 25.4#

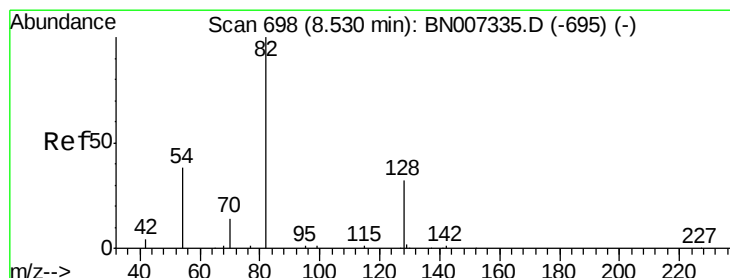
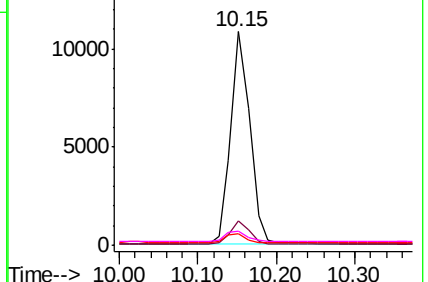
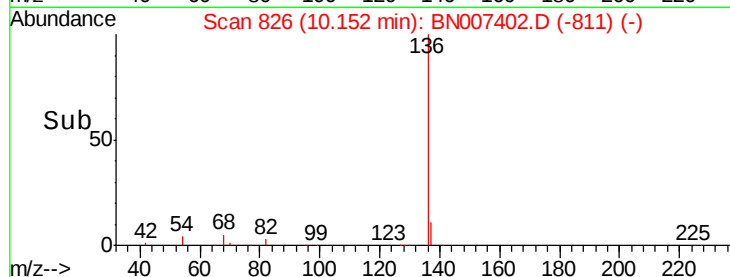


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

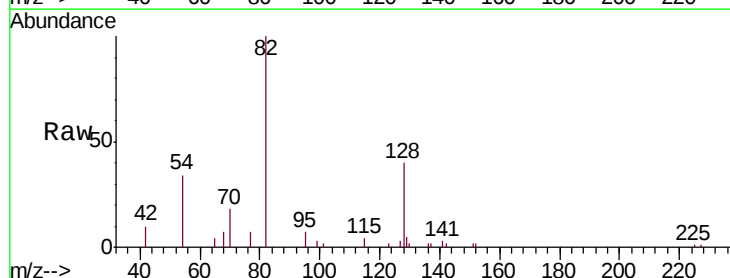
Tgt Ion: 82 Resp: 6158

Ion Ratio Lower Upper

82 100

128 39.6 19.7 29.5#

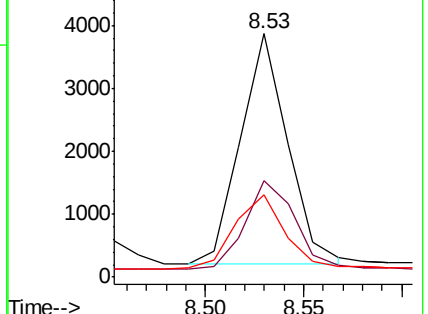
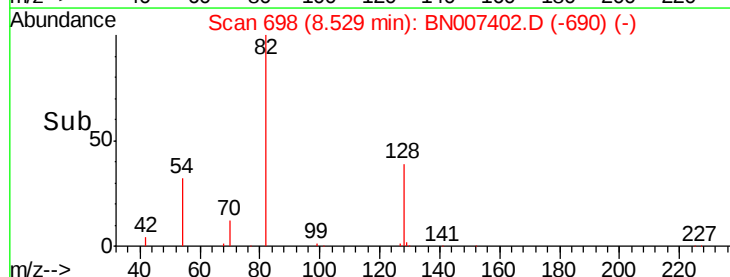
54 33.9 25.8 38.6



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: 0.389 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

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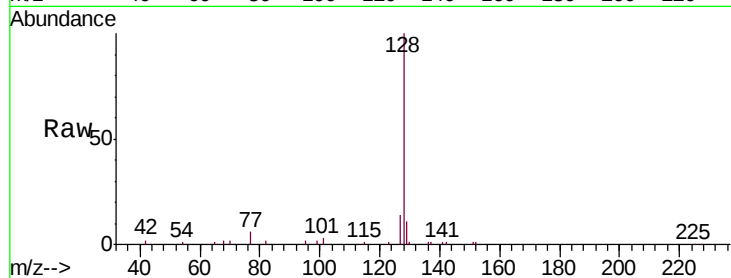
Tot Ion:128 Resp: 20532

Ion Ratio Lower Upper

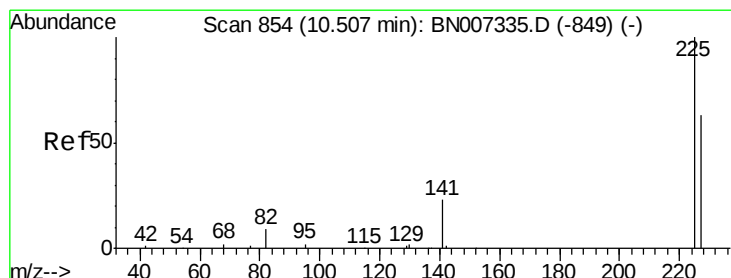
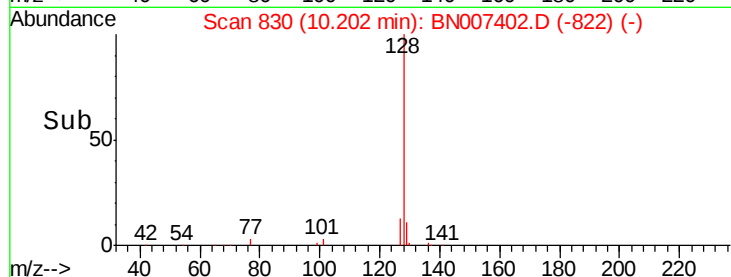
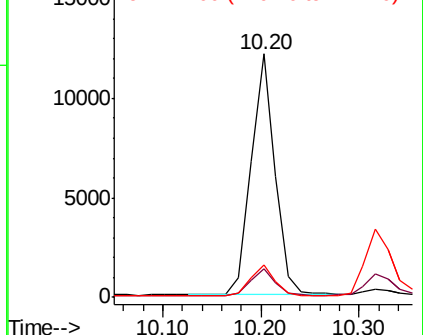
128 100

129 11.5 11.1 16.7

127 13.5 15.5 23.3#



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: 0.375 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

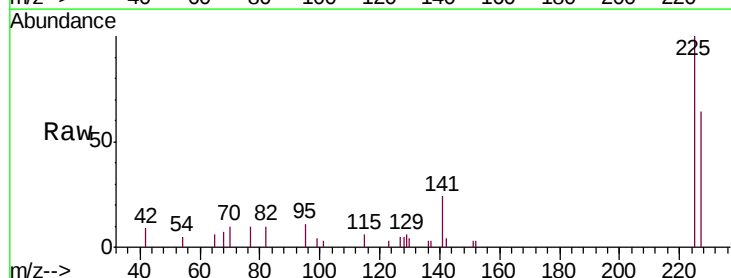
Tgt Ion:225 Resp: 4046

Ion Ratio Lower Upper

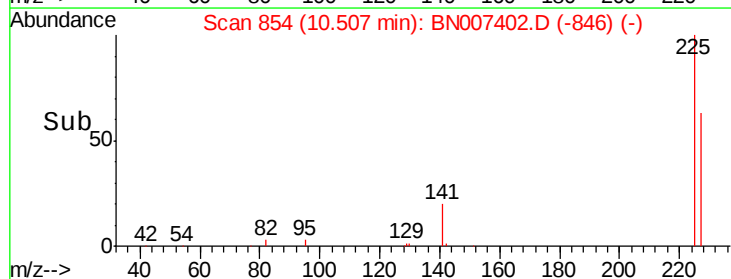
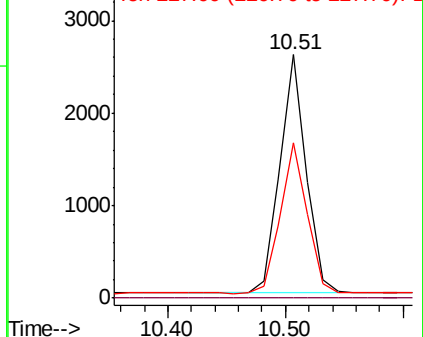
225 100

223 0.0 0.0 0.0

227 63.5 50.7 76.1



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: 0.379 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

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ClientSampleId :

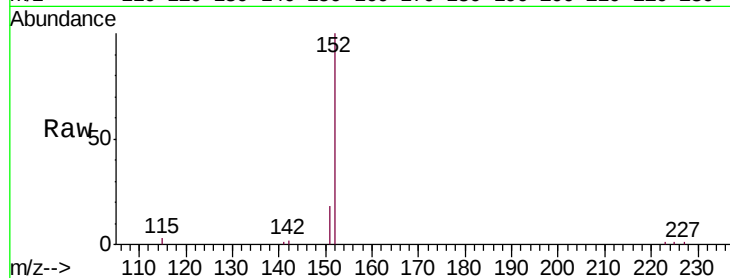
SSTDCCC0.4EC

Tot Ion:152 Resp: 11629

Ion Ratio Lower Upper

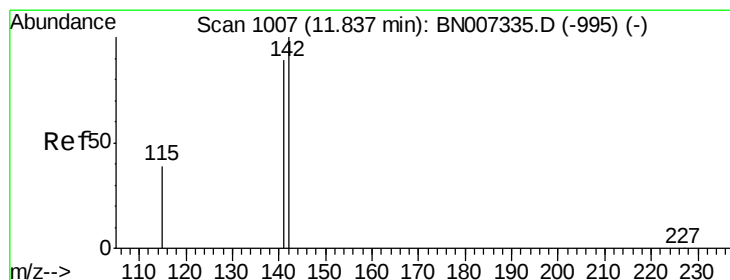
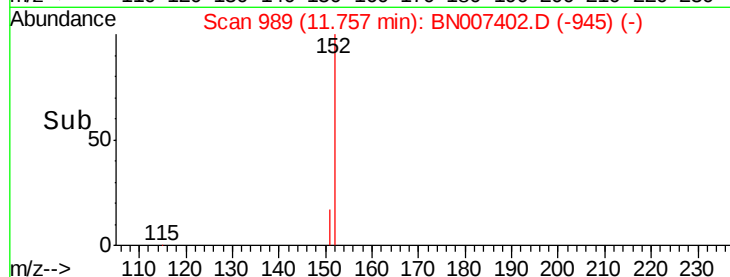
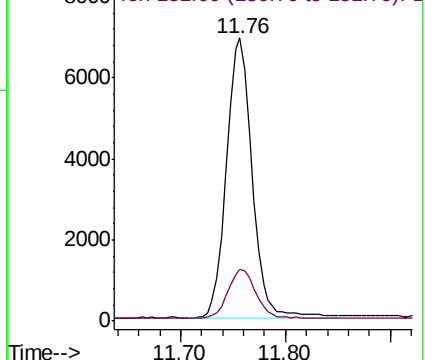
152 100

151 19.1 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.381 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

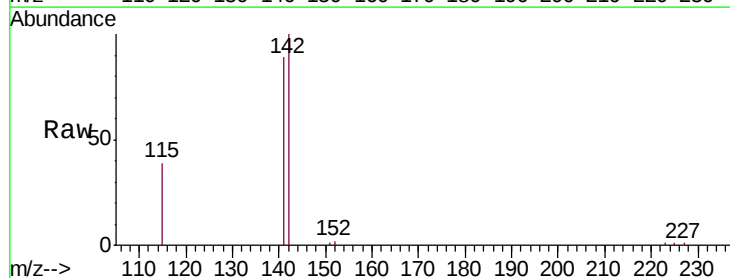
Tgt Ion:142 Resp: 13670

Ion Ratio Lower Upper

142 100

141 89.3 72.8 109.2

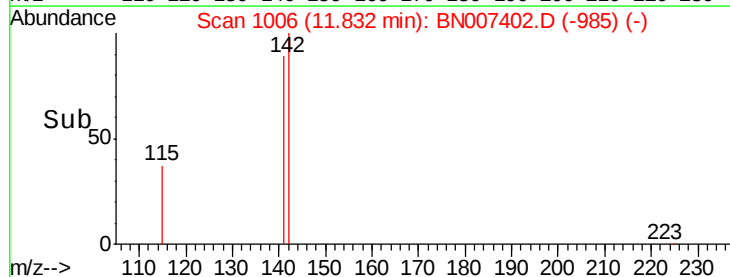
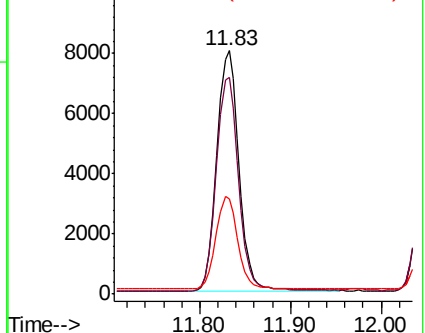
115 39.0 35.2 52.8



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

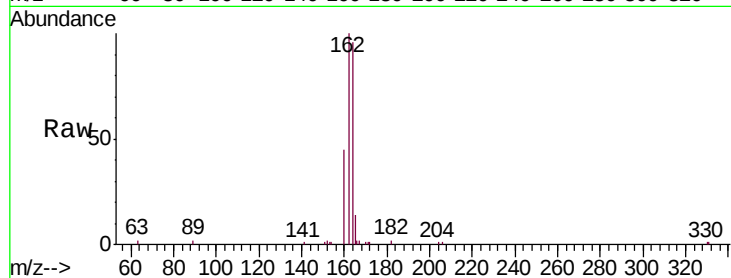
Tot Ion:164 Resp: 9931

Ion Ratio Lower Upper

164 100

162 104.1 83.5 125.3

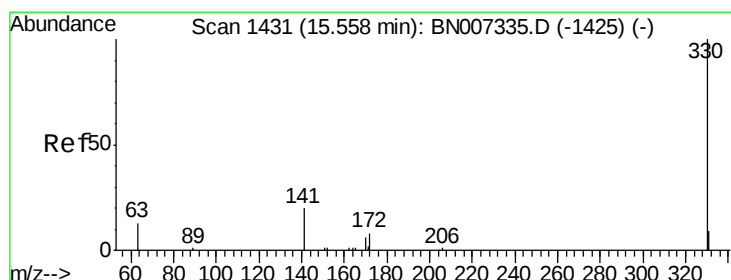
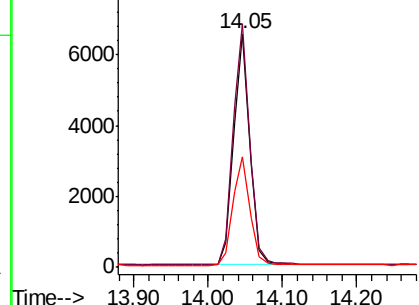
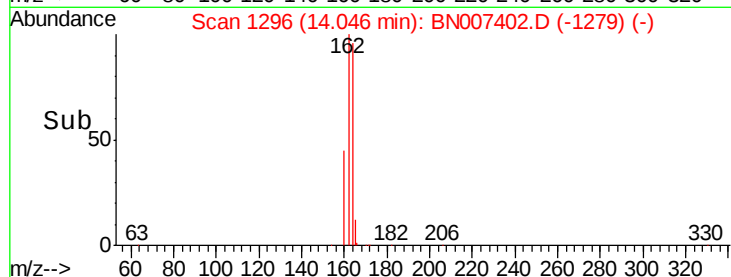
160 47.0 38.2 57.4



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: 0.422 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

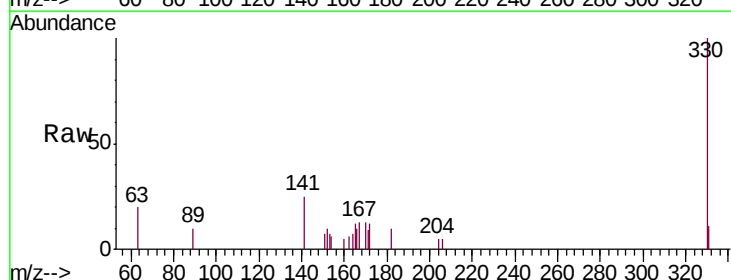
Tgt Ion:330 Resp: 2191

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

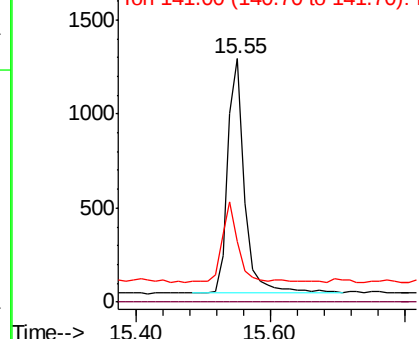
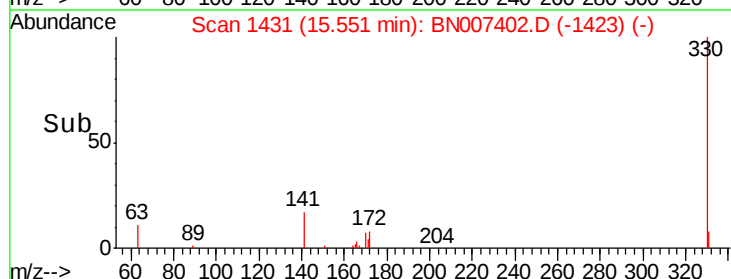
141 31.4 26.9 40.3



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: 0.389 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

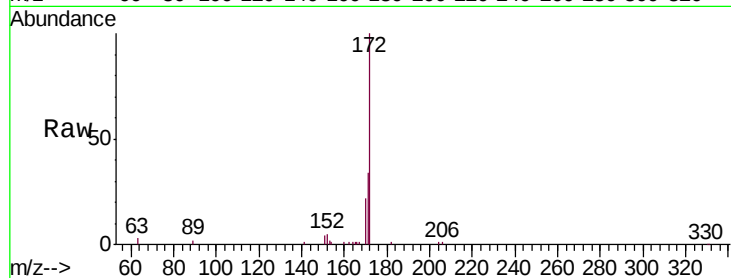
Tot Ion:172 Resp: 15584

Ion Ratio Lower Upper

172 100

171 34.3 30.3 45.5

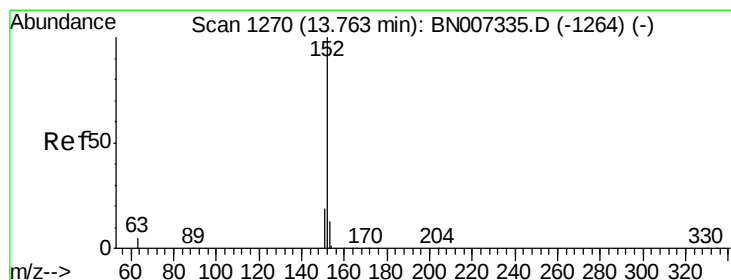
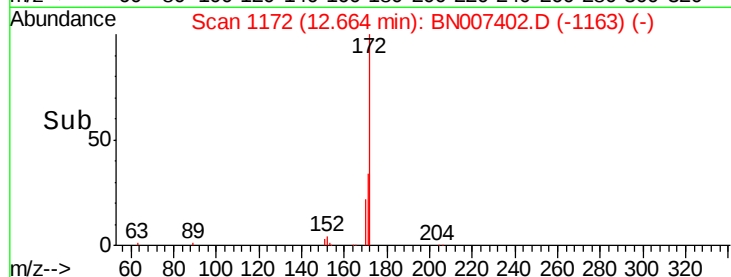
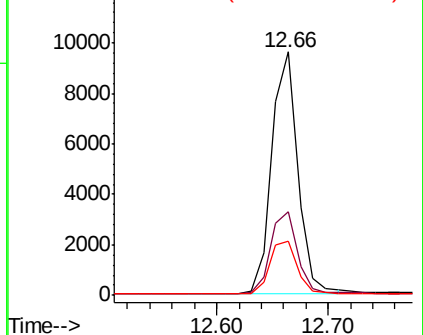
170 22.3 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.373 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

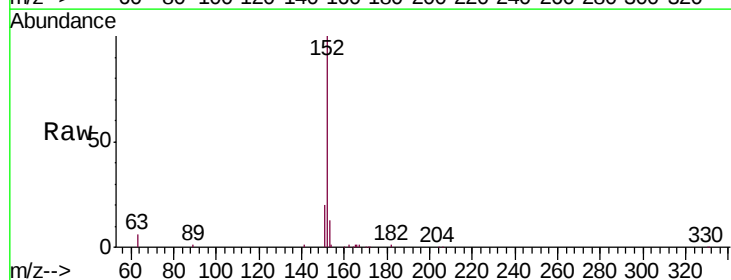
Tgt Ion:152 Resp: 21939

Ion Ratio Lower Upper

152 100

151 19.2 16.1 24.1

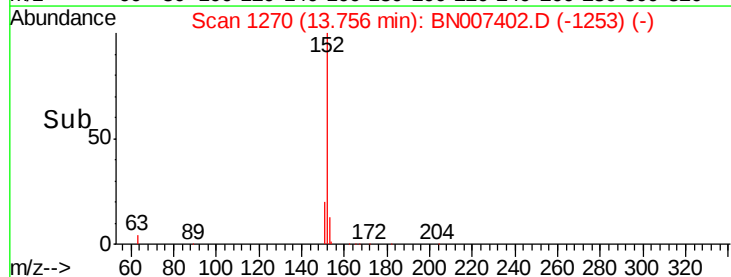
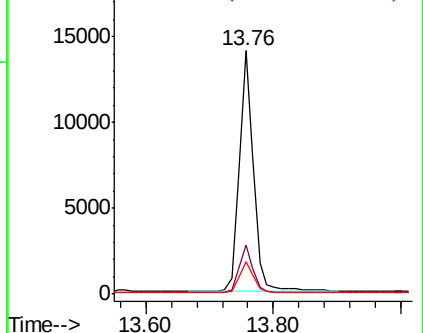
153 12.9 10.6 15.8

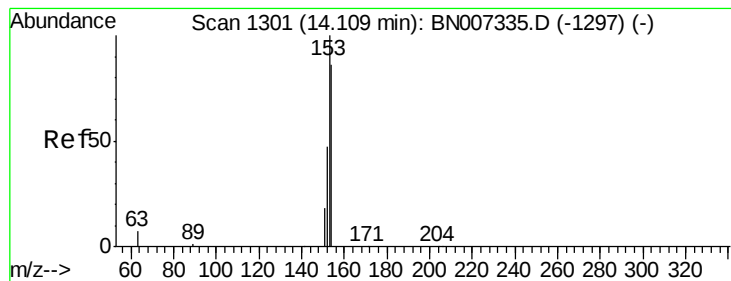


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.382 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

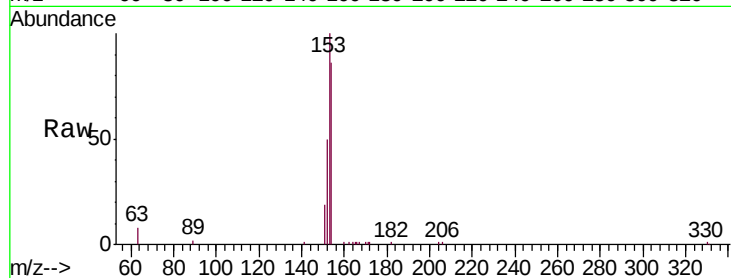
Tot Ion:154 Resp: 13139

Ion Ratio Lower Upper

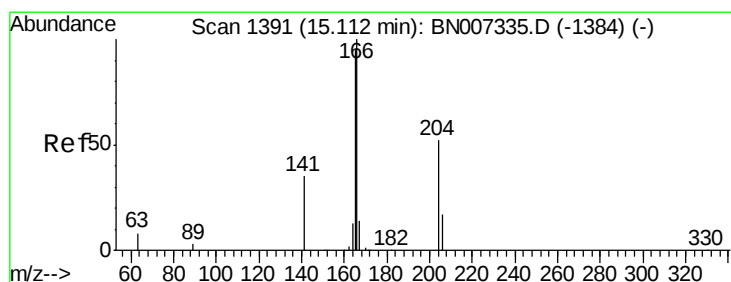
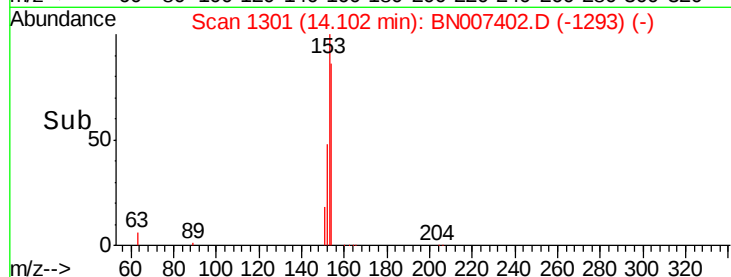
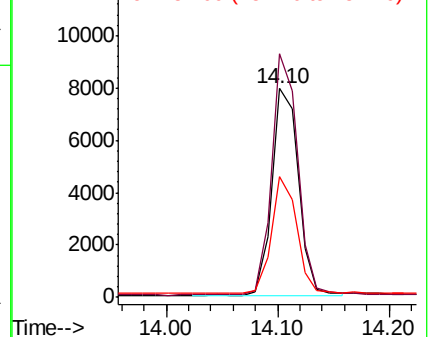
154 100

153 114.8 92.8 139.2

152 54.7 43.8 65.8



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: 0.382 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

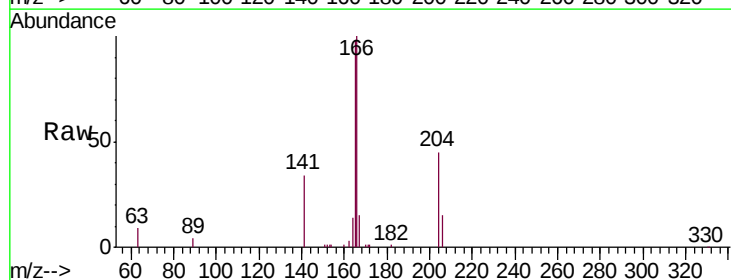
Tgt Ion:166 Resp: 16612

Ion Ratio Lower Upper

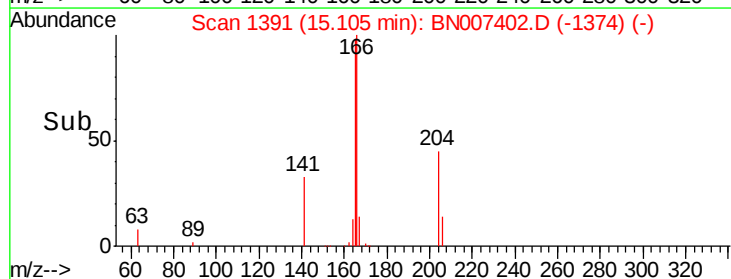
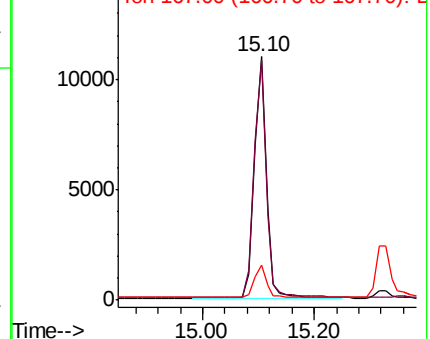
166 100

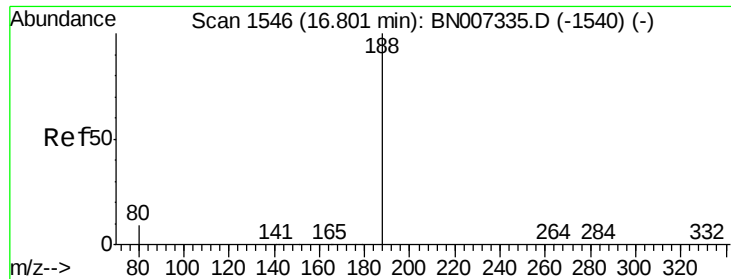
165 98.4 79.0 118.4

167 13.6 10.6 15.8



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: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

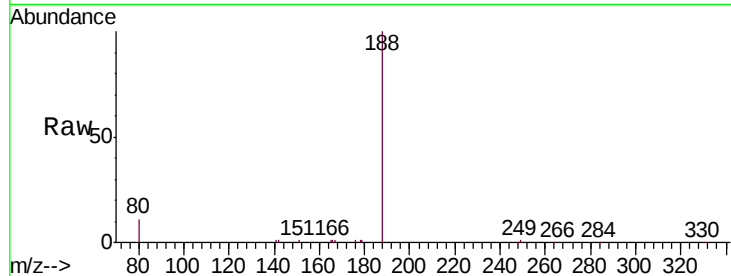
Tot Ion:188 Resp: 22795

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

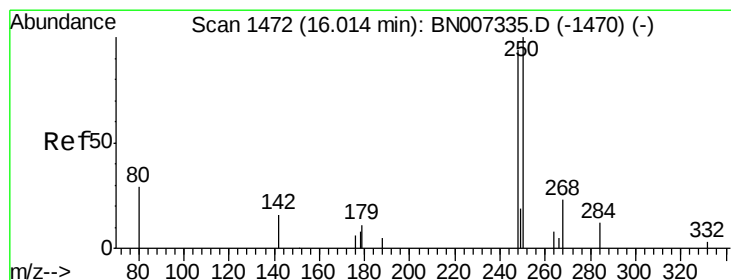
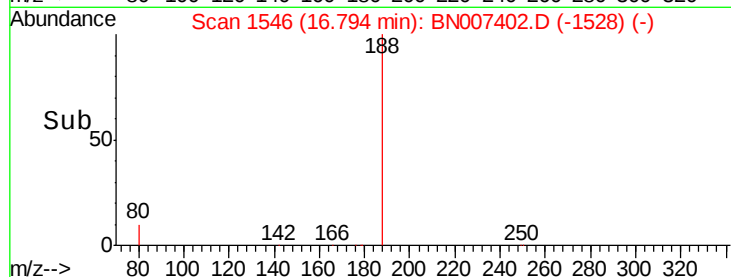
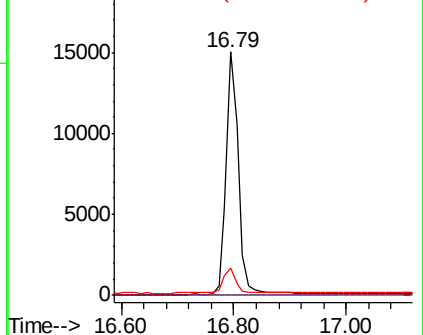
80 11.0 11.8 17.8#



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: 0.316 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

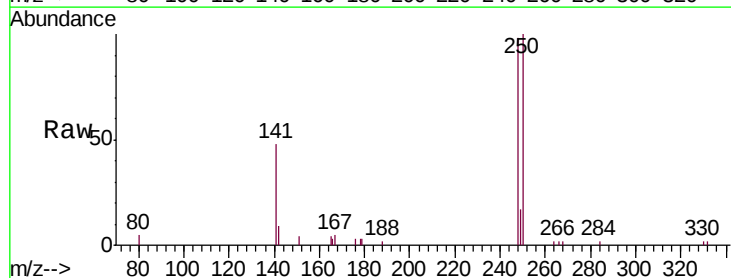
Tgt Ion:248 Resp: 2841

Ion Ratio Lower Upper

248 100

250 102.4 85.0 127.6

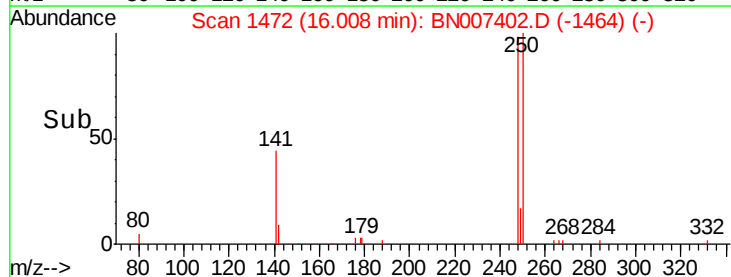
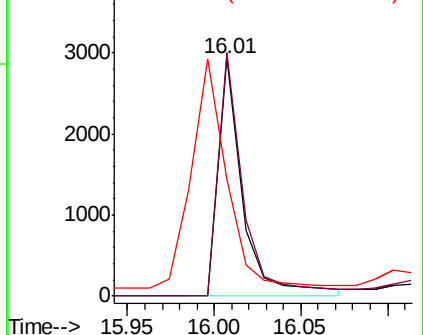
141 49.0 51.7 77.5#



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: 0.402 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

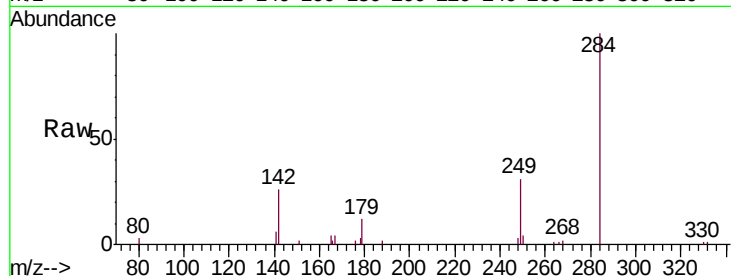
Tot Ion:284 Resp: 6139

Ion Ratio Lower Upper

284 100

142 31.8 29.0 43.6

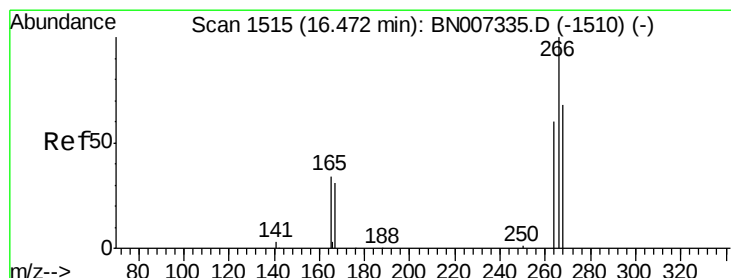
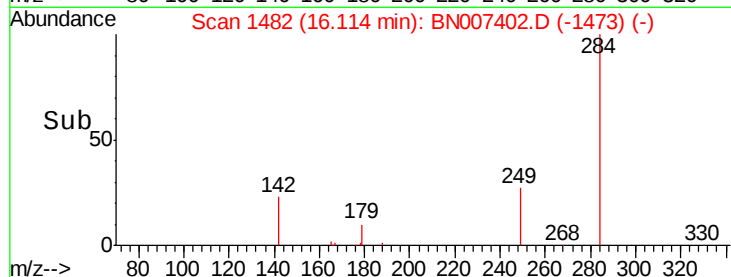
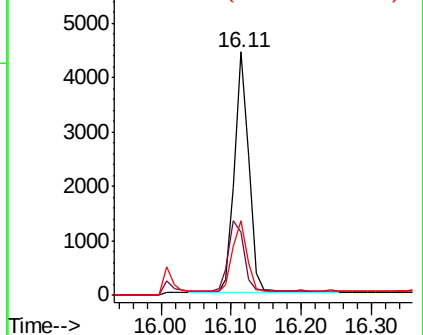
249 30.1 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.470 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

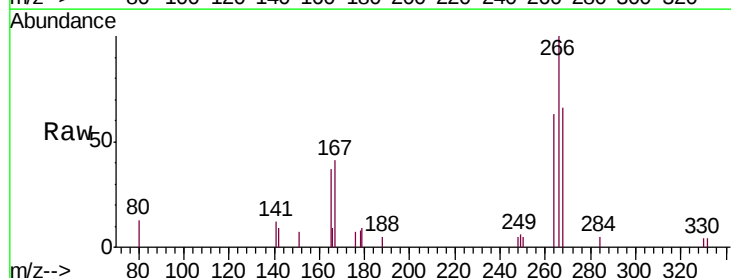
Tgt Ion:266 Resp: 2230

Ion Ratio Lower Upper

266 100

264 62.5 57.8 86.8

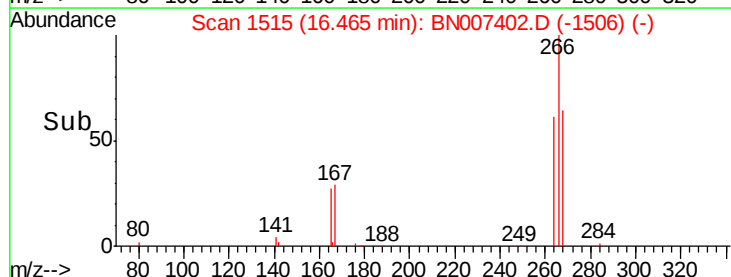
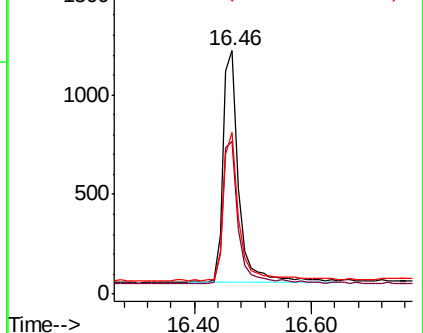
268 66.4 99.7 149.5#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.394 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

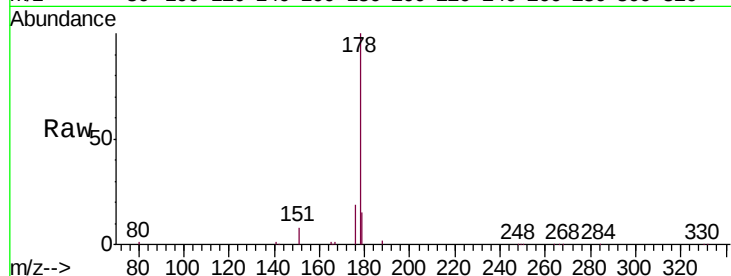
Tot Ion:178 Resp: 27007

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

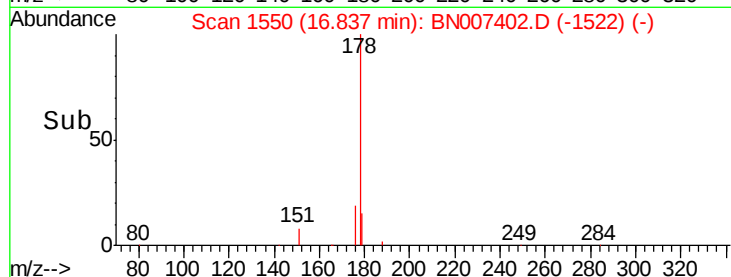
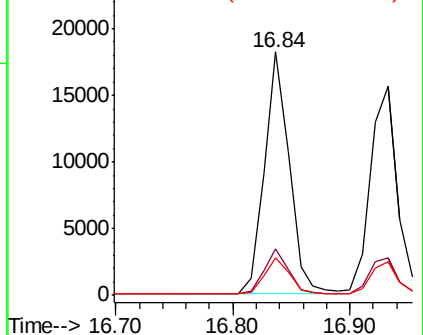
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.369 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

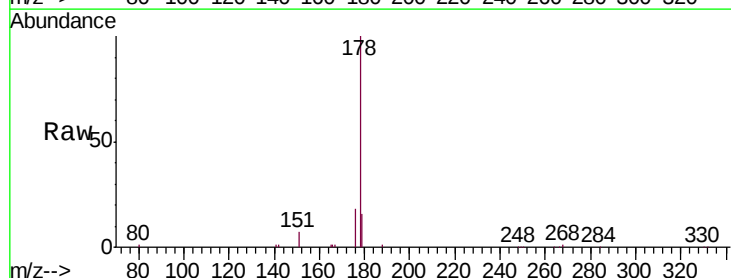
Tgt Ion:178 Resp: 25416

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

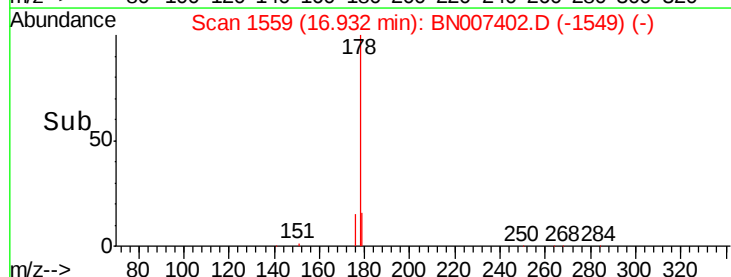
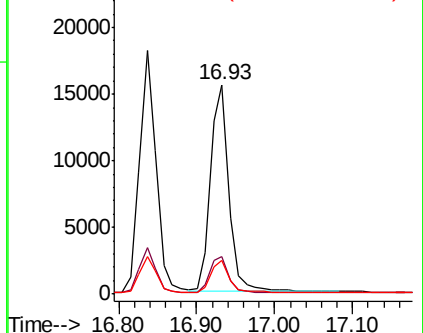
179 15.3 12.4 18.6

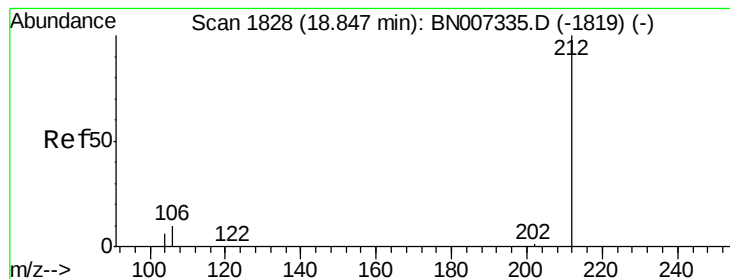


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

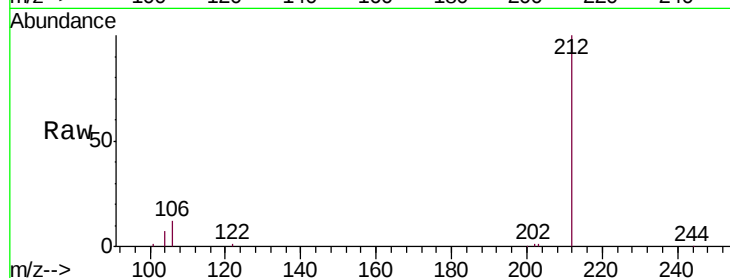
Tot Ion:212 Resp: 27725

Ion Ratio Lower Upper

212 100

106 11.5 9.0 13.4

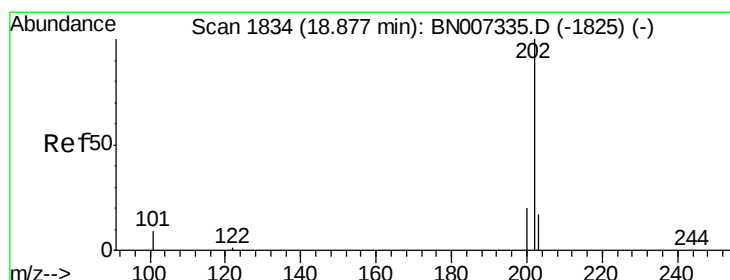
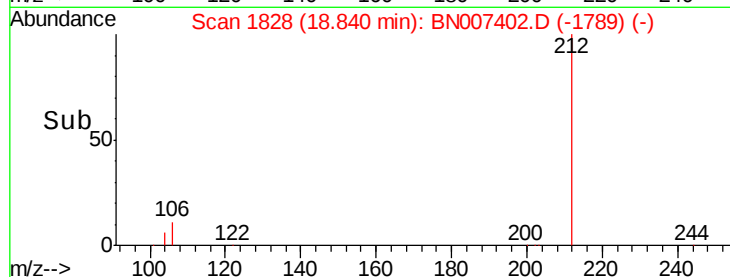
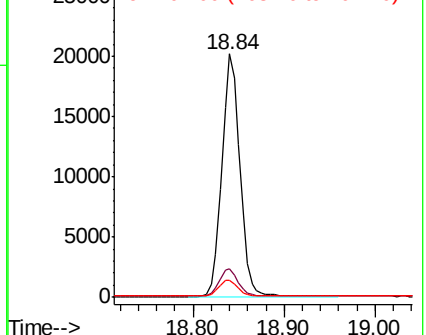
104 6.7 5.4 8.2



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: 0.385 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

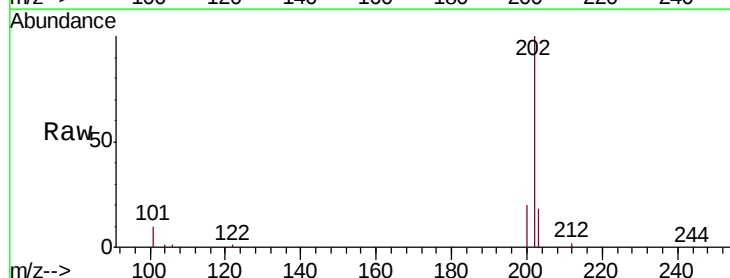
Tgt Ion:202 Resp: 33920

Ion Ratio Lower Upper

202 100

101 9.8 7.7 11.5

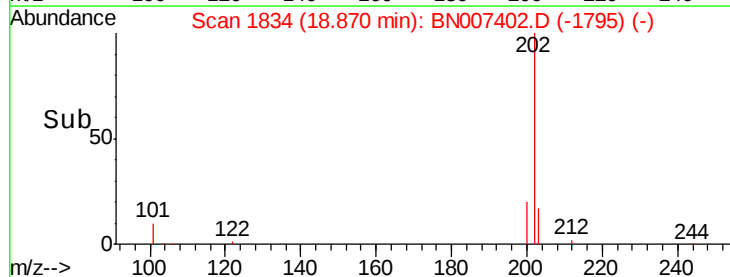
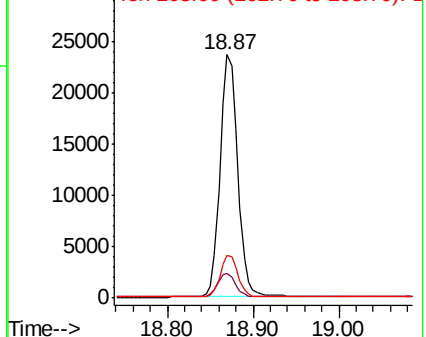
203 17.0 13.7 20.5



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

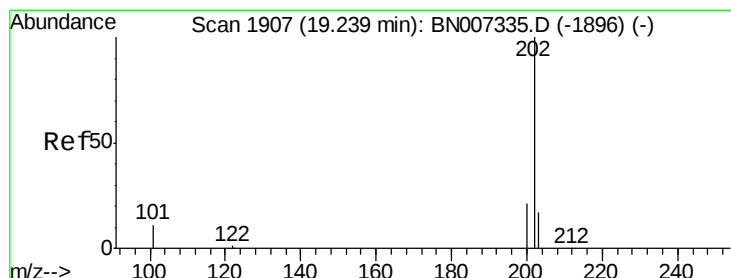
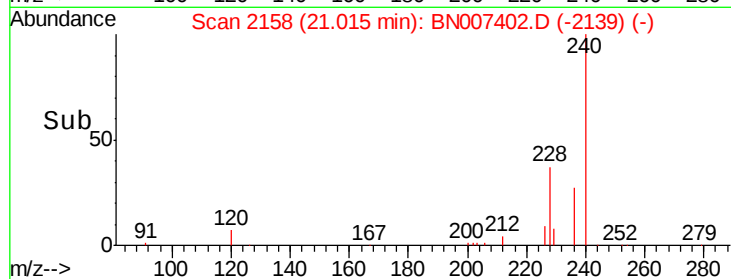
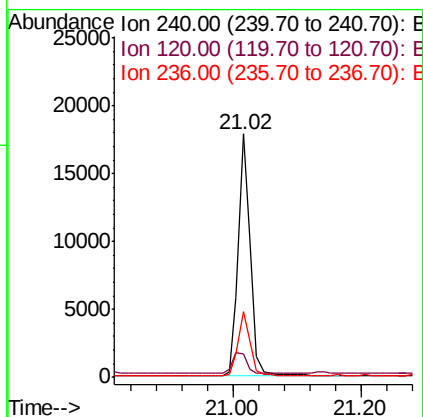
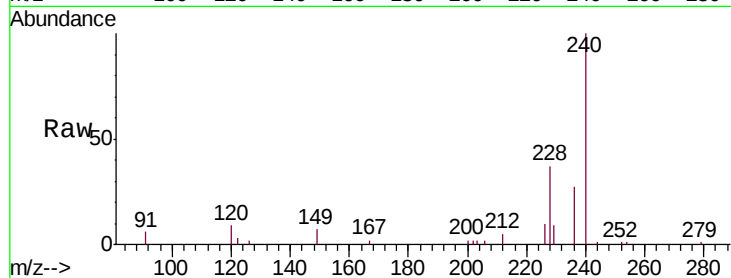




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

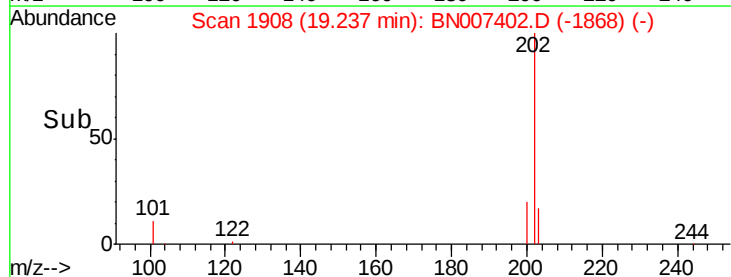
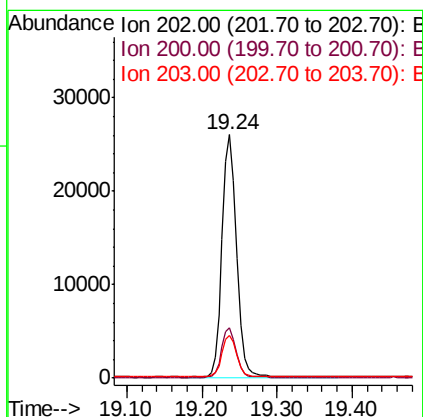
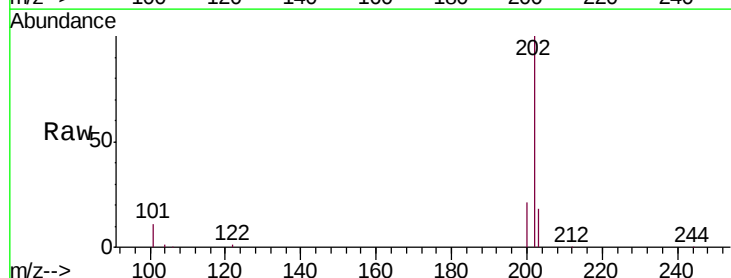
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 23203
Ion Ratio Lower Upper
240 100
120 9.4 9.6 14.4#
236 27.2 22.2 33.2



#28
Pyrene
Concen: 0.376 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:202 Resp: 35110
Ion Ratio Lower Upper
202 100
200 20.3 16.6 25.0
203 17.8 14.2 21.4





#29

Terphenyl-d14

Concen: 0.368 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

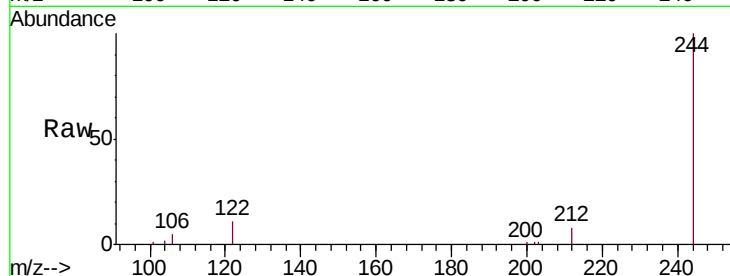
Tot Ion:244 Resp: 22334

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

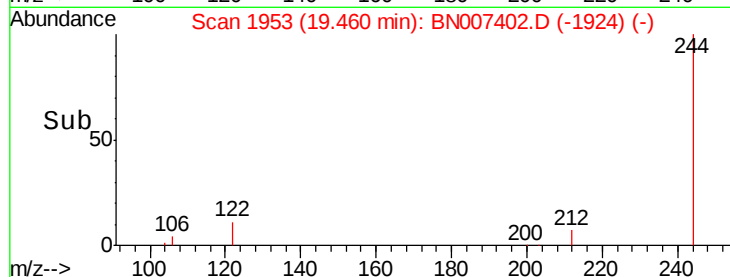
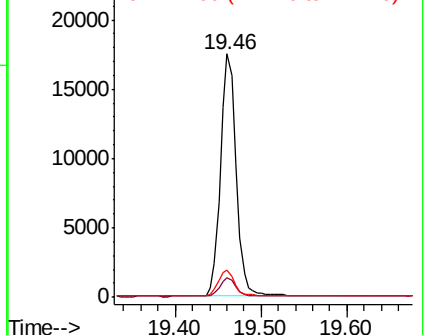
122 11.2 9.6 14.4



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: 0.383 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

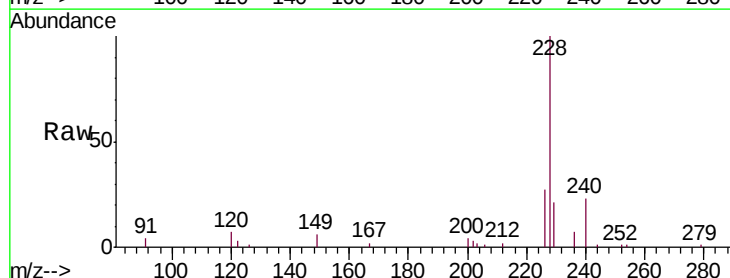
Tgt Ion:228 Resp: 34908

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

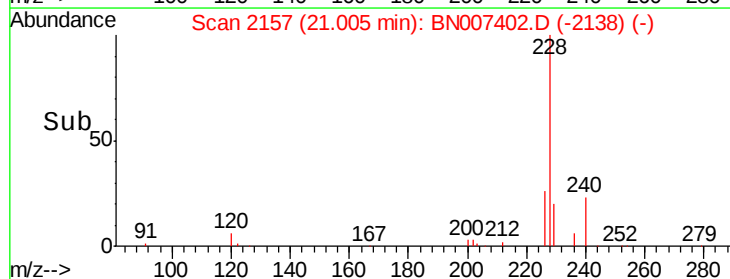
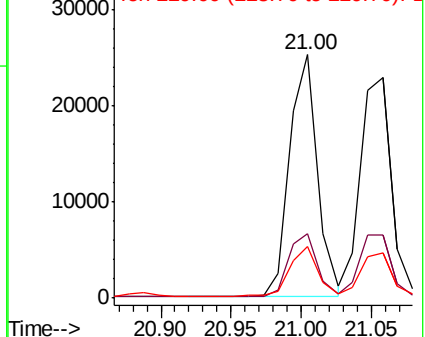
229 21.0 16.1 24.1



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





#31

Chrysene

Concen: 0.391 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

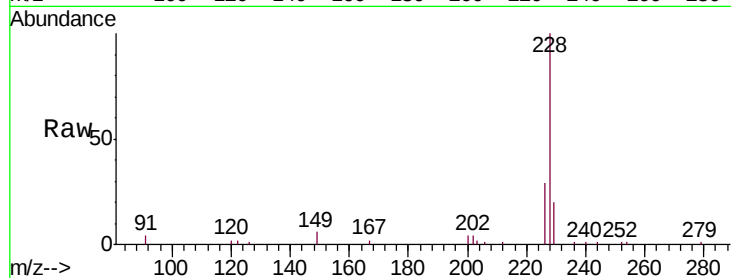
Tot Ion:228 Resp: 34397

Ion Ratio Lower Upper

228 100

226 28.9 23.5 35.3

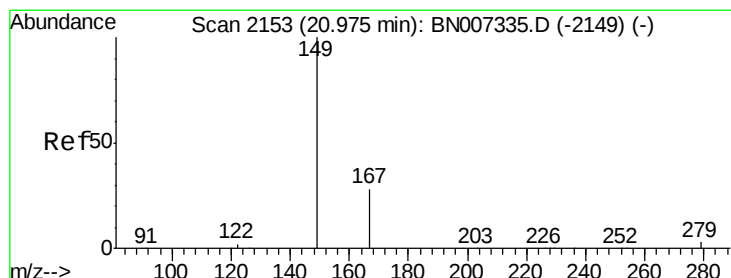
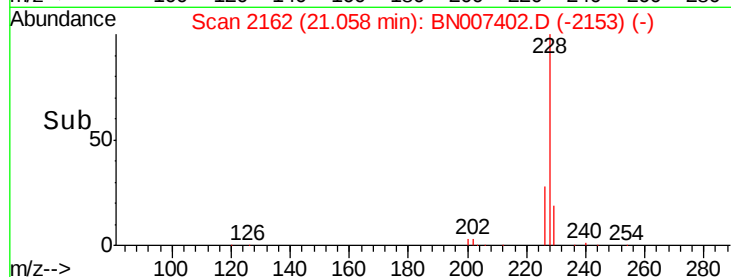
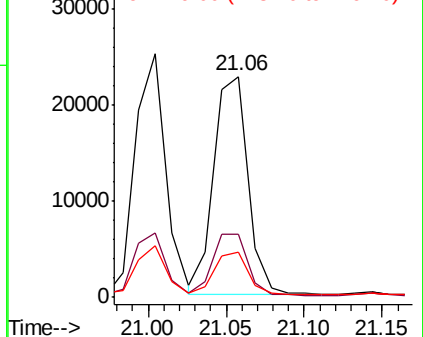
229 20.4 16.6 24.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.363 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

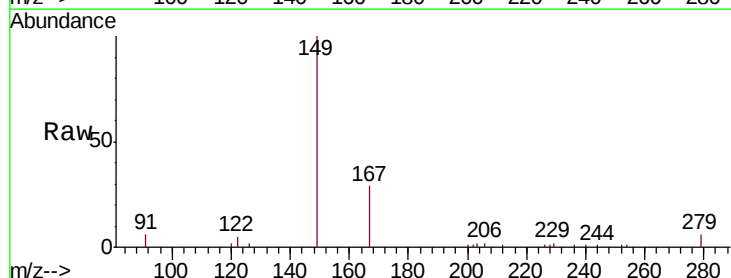
Tgt Ion:149 Resp: 22505

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

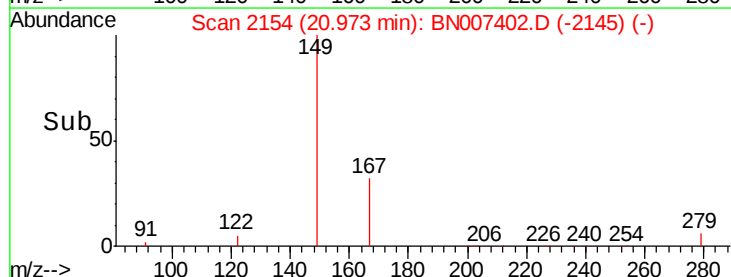
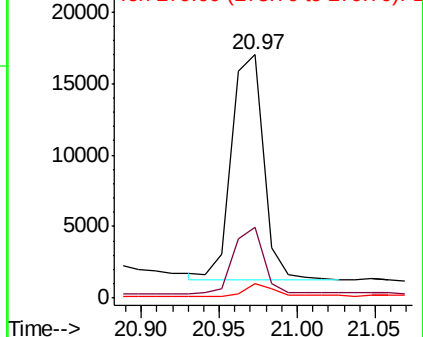
279 4.8 3.5 5.3



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

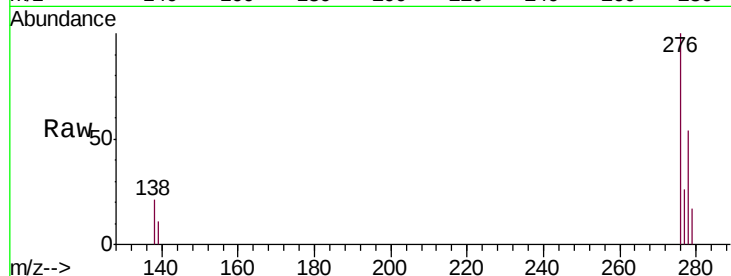




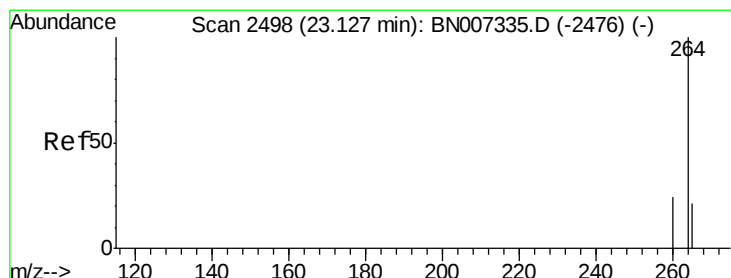
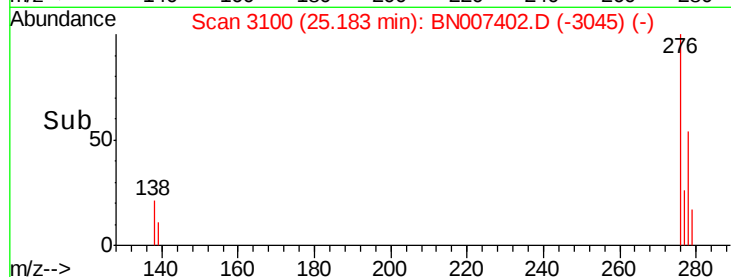
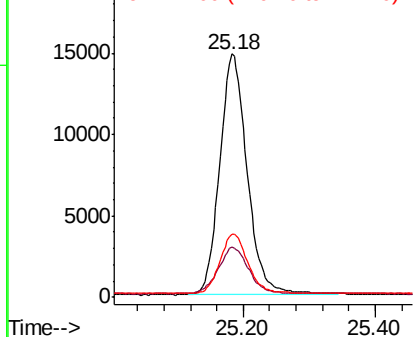
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 42750
Ion Ratio Lower Upper
276 100
138 21.0 15.1 22.7
277 24.6 19.7 29.5

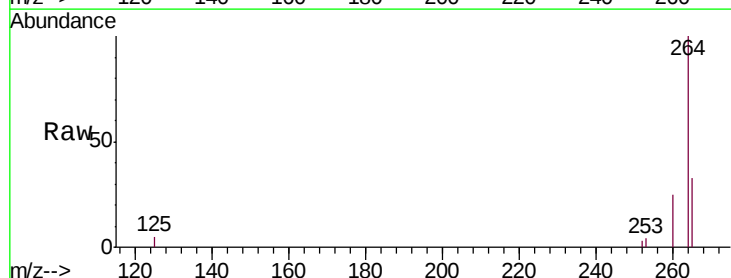


Abundance Ion 276.00 (275.70 to 276.70): E
20000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

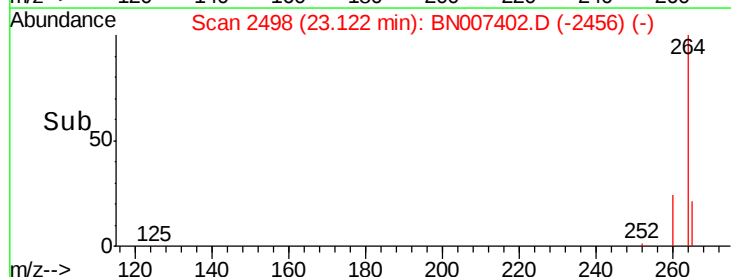
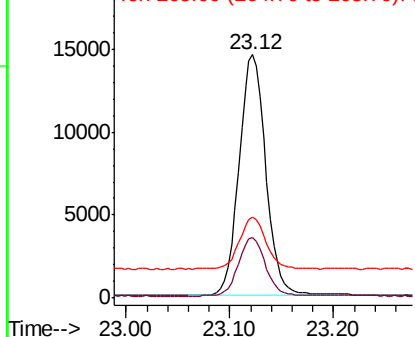


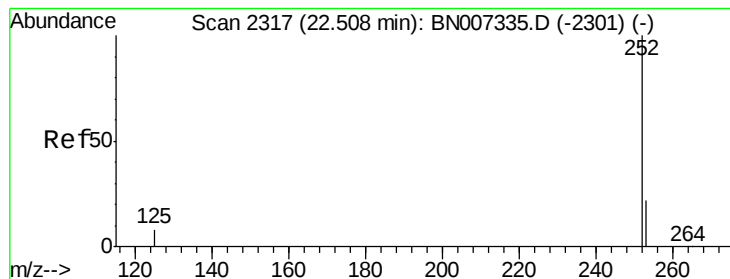
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BN007402.D
Acq: 25 Aug 2019 19:01

Tgt Ion:264 Resp: 25913
Ion Ratio Lower Upper
264 100
260 24.9 19.7 29.5
265 33.1 29.9 44.9



Abundance Ion 264.00 (263.70 to 264.70): E
20000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.380 ng

RT: 22.50 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

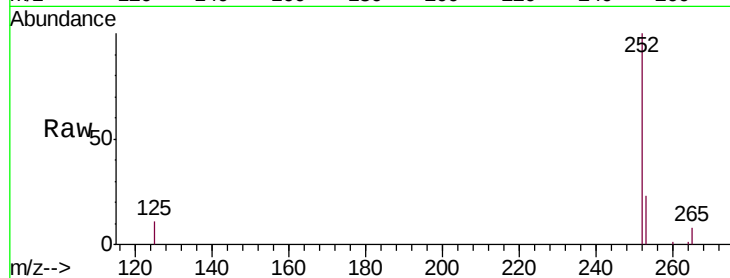
Tot Ion:252 Resp: 35692

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

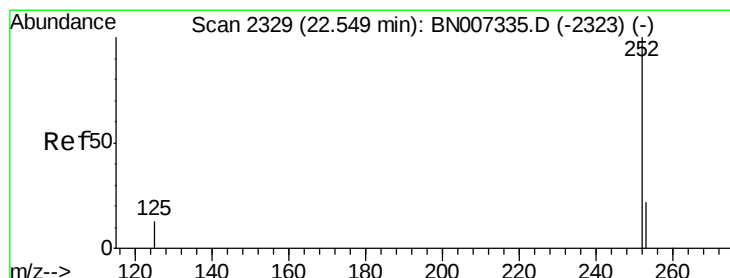
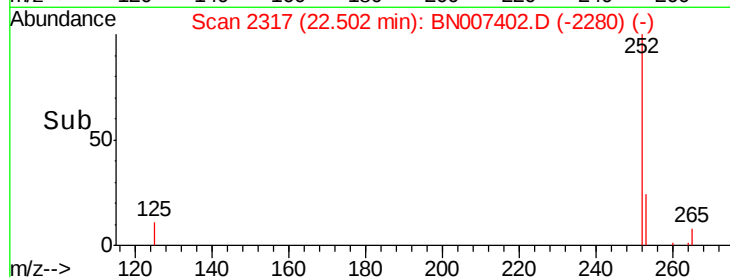
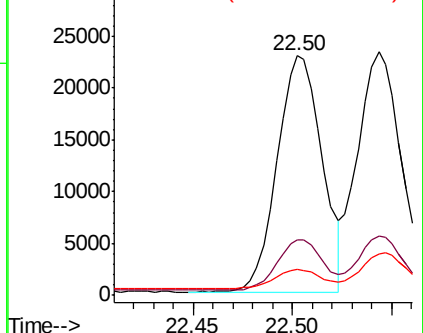
125 11.1 10.6 16.0



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: 0.394 ng

RT: 22.54 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

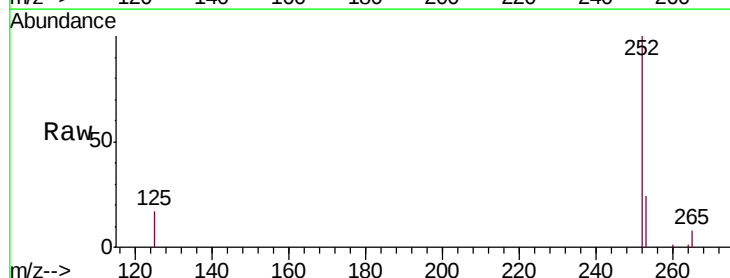
Tgt Ion:252 Resp: 36523

Ion Ratio Lower Upper

252 100

253 24.4 19.4 29.2

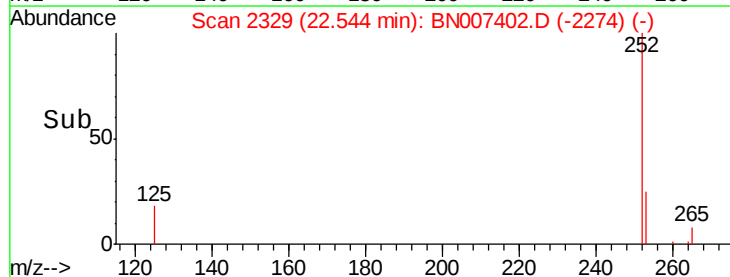
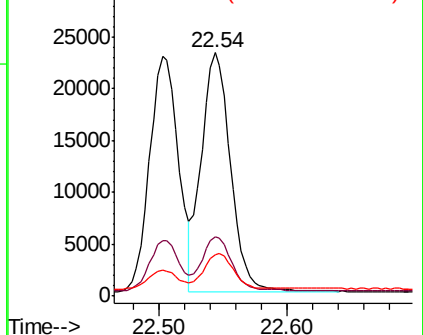
125 17.3 13.1 19.7



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: 0.383 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

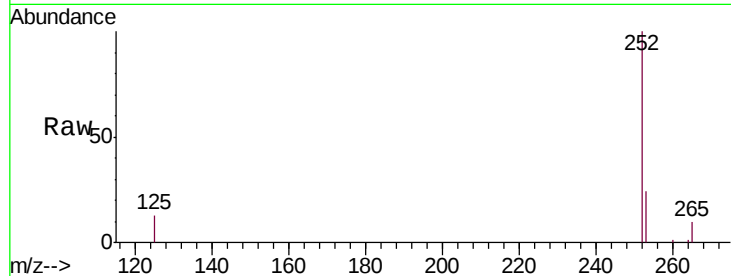
Tot Ion:252 Resp: 34250

Ion Ratio Lower Upper

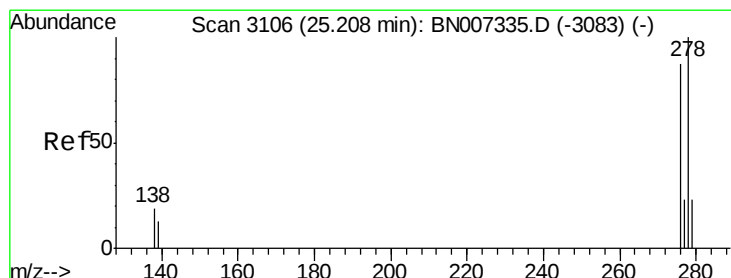
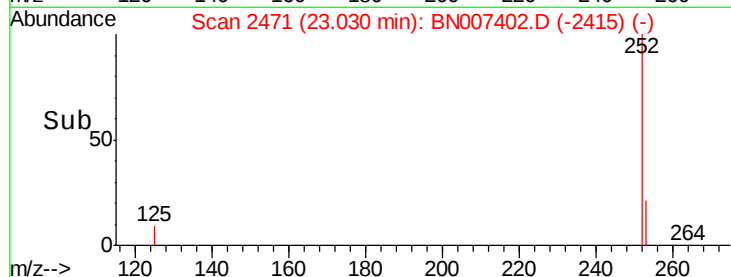
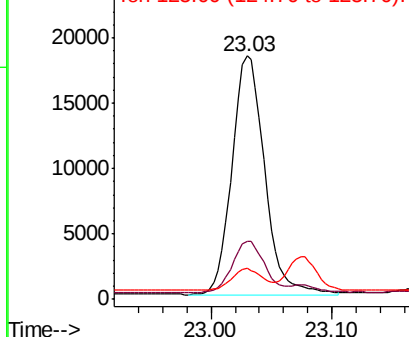
252 100

253 23.8 19.5 29.3

125 12.6 12.1 18.1



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: 25.20 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

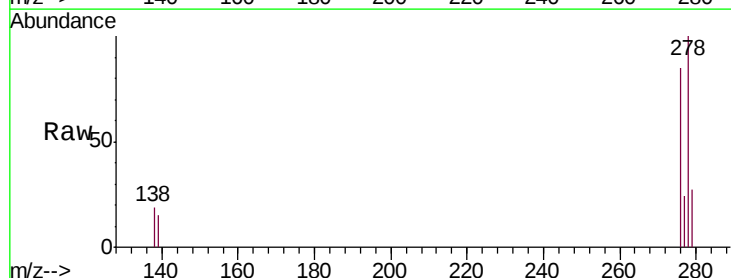
Tgt Ion:278 Resp: 34279

Ion Ratio Lower Upper

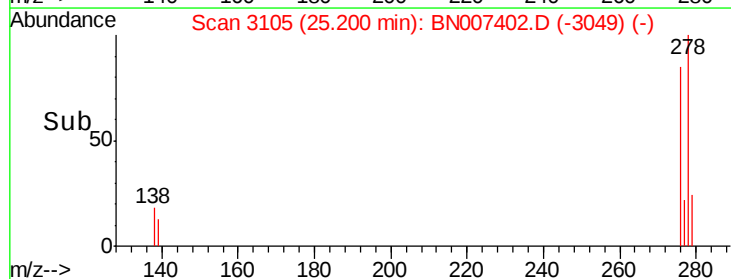
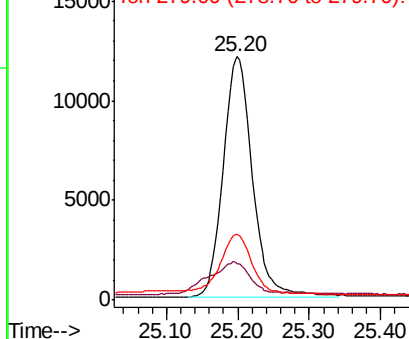
278 100

139 15.0 13.7 20.5

279 26.9 20.2 30.4



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: 0.395 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN007402.D

Acq: 25 Aug 2019 19:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

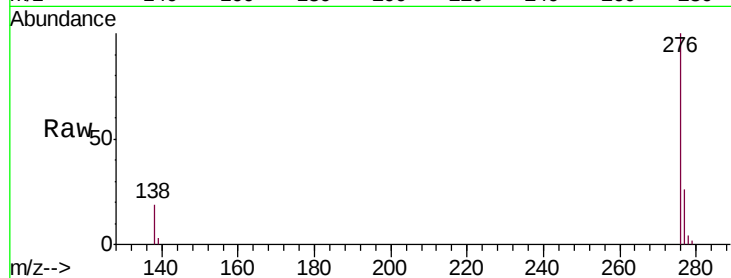
Tot Ion: 276 Resp: 35114

Ion Ratio Lower Upper

276 100

277 25.5 19.6 29.4

138 18.9 16.3 24.5



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

