

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007424.D
 Acq On : 26 Aug 2019 23:48
 Operator : HP/JU
 Sample : PB122534BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122534BS

Quant Time: Aug 27 05:47:53 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	5539	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	21972	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	11751	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	20517	0.40	ng	0.00
27) Chrysene-d12	21.02	240	21651	0.40	ng	0.00
34) Perylene-d12	23.13	264	24469	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	5729	0.29	ng	0.00
5) Phenol-d6	6.60	99	7130	0.28	ng	0.00
8) Nitrobenzene-d5	8.53	82	5499	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	11391	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1600	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	13700	0.29	ng	0.00
25) Fluoranthene-d10	18.84	212	20351	0.31	ng	0.00
29) Terphenyl-d14	19.47	244	16268	0.29	ng	0.00

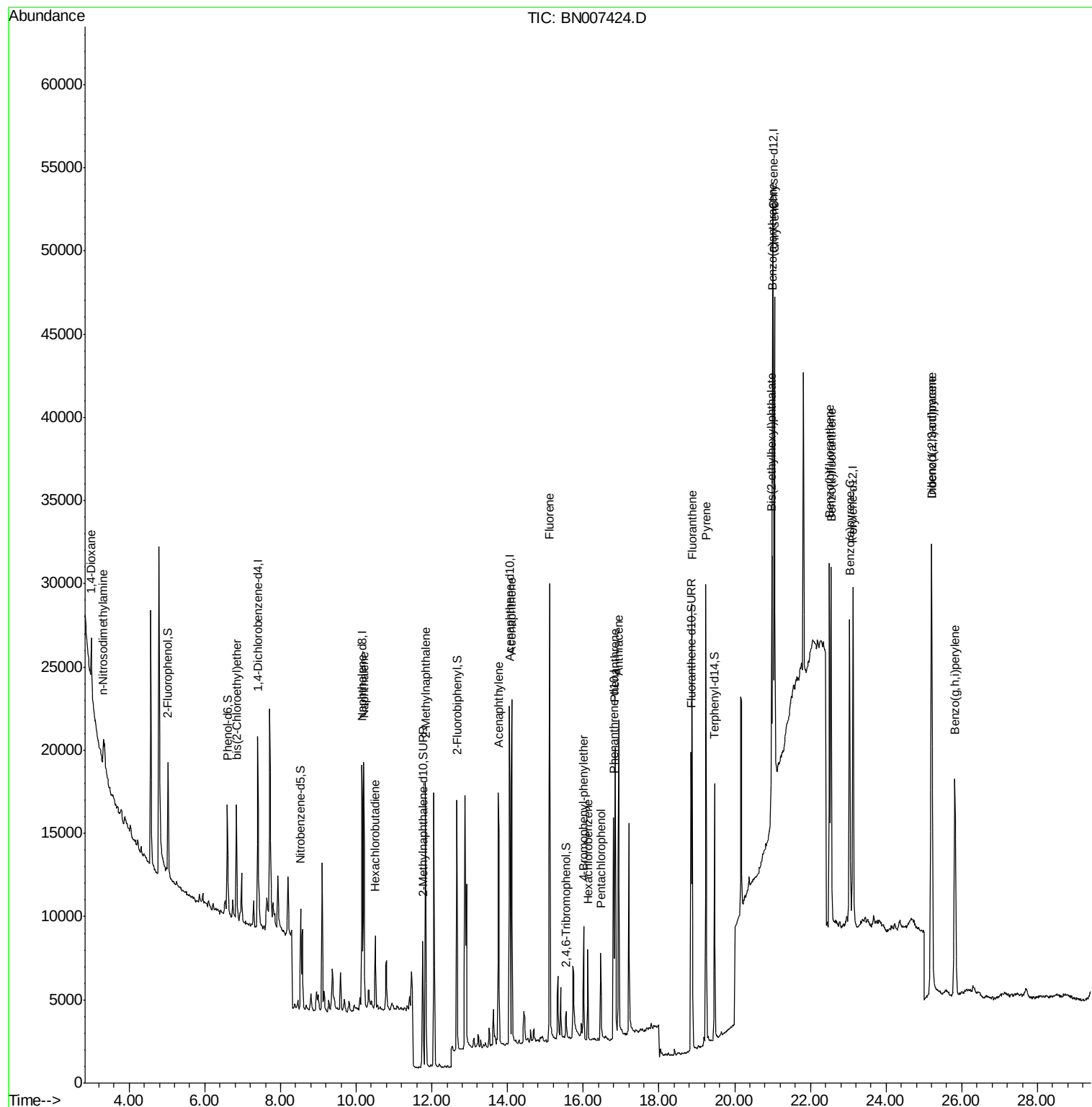
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2157	0.234	ng	# 93
3) n-Nitrosodimethylamine	3.32	42	1263	0.295	ng	89
6) bis(2-Chloroethyl)ether	6.84	93	5720	0.286	ng	97
9) Naphthalene	10.20	128	18640	0.297	ng	# 91
10) Hexachlorobutadiene	10.51	225	3566	0.277	ng	# 99
12) 2-Methylnaphthalene	11.83	142	12437	0.291	ng	98
16) Acenaphthylene	13.76	152	18750	0.270	ng	99
17) Acenaphthene	14.11	154	11153	0.274	ng	98
18) Fluorene	15.10	166	13286	0.258	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2818	0.348	ng	94
21) Hexachlorobenzene	16.11	284	4428	0.322	ng	95
22) Pentachlorophenol	16.46	266	2774	0.649	ng	# 64
23) Phenanthrene	16.84	178	19965	0.324	ng	100
24) Anthracene	16.93	178	19422	0.313	ng	98
26) Fluoranthene	18.87	202	24896	0.314	ng	99
28) Pyrene	19.24	202	25833	0.297	ng	99
30) Benzo(a)anthracene	21.00	228	24505	0.288	ng	# 94
31) Chrysene	21.06	228	24295	0.296	ng	94
32) Bis(2-ethylhexyl)phthalate	20.97	149	15720	0.267	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.19	276	30363	0.307	ng	100
35) Benzo(b)fluoranthene	22.51	252	25698	0.290	ng	# 83
36) Benzo(k)fluoranthene	22.55	252	25822	0.295	ng	# 84
37) Benzo(a)pyrene	23.03	252	25688	0.304	ng	# 78
38) Dibenzo(a,h)anthracene	25.21	278	25329	0.301	ng	# 81
39) Benzo(g,h,i)perylene	25.81	276	26321	0.314	ng	# 89

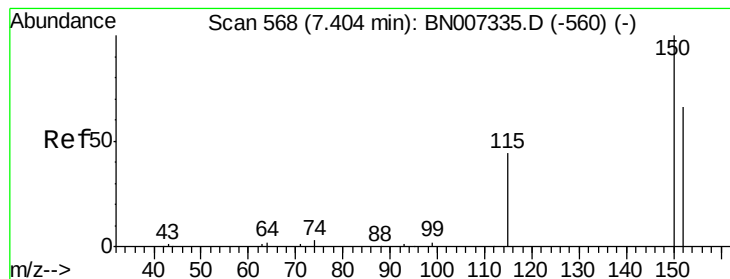
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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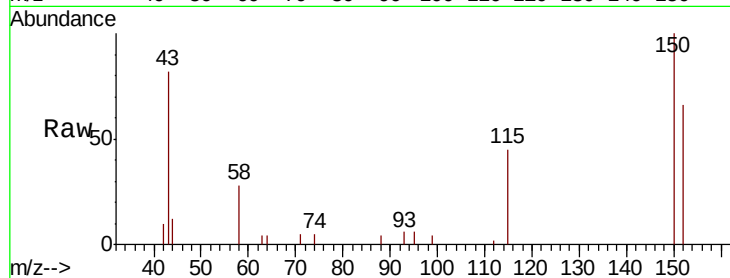


#1

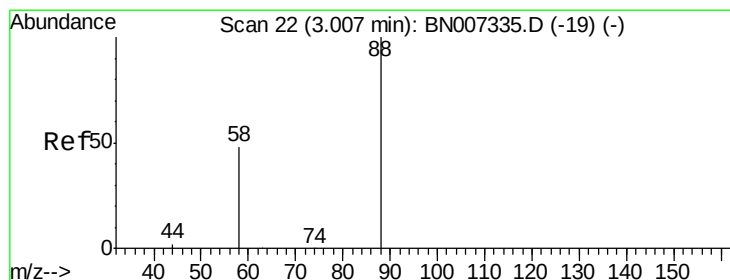
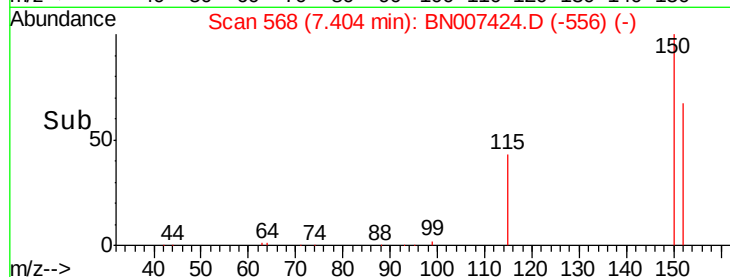
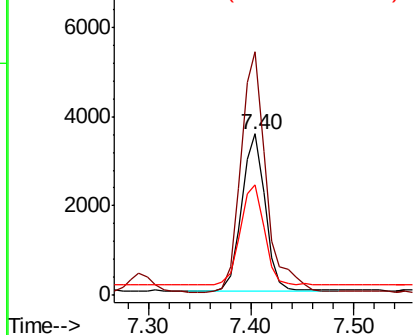
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007424.D
Acq: 26 Aug 2019 23:48

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tot Ion:152 Resp: 5539
Ion Ratio Lower Upper
152 100
150 151.1 109.1 163.7
115 68.3 59.6 89.4



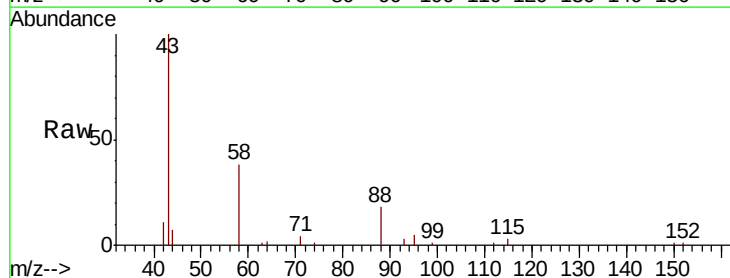
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



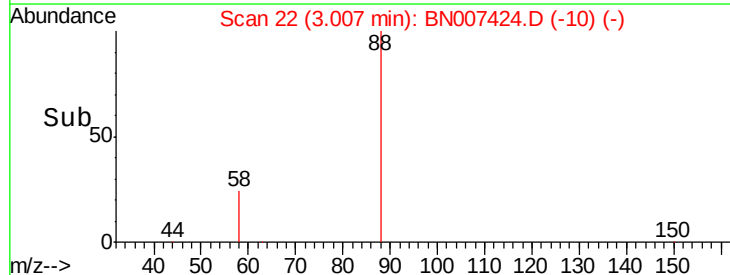
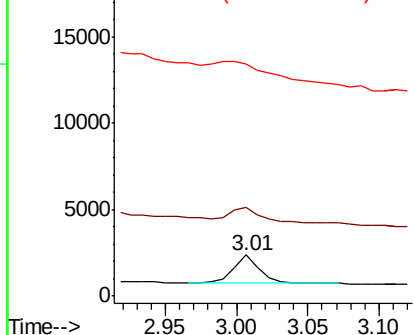
#2

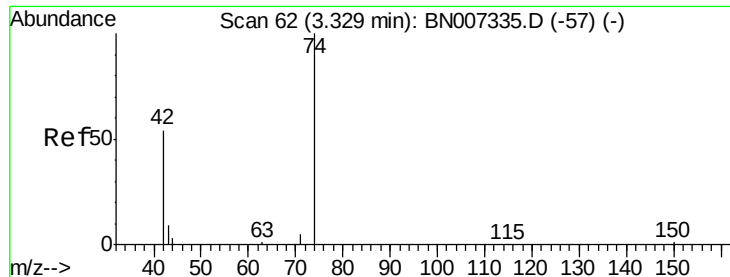
1,4-Dioxane
Concen: 0.234 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007424.D
Acq: 26 Aug 2019 23:48

Tgt Ion: 88 Resp: 2157
Ion Ratio Lower Upper
88 100
58 68.3 50.5 75.7
43 0.0 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: 0.295 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

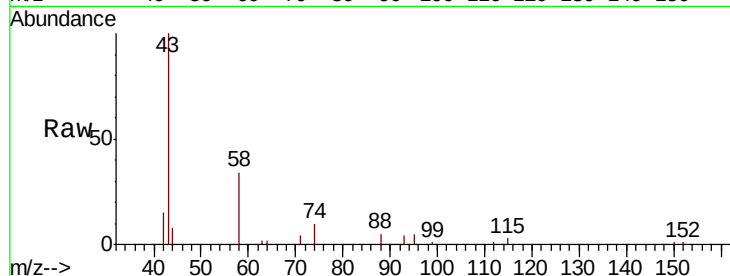
Tot Ion: 42 Resp: 1263

Ion Ratio Lower Upper

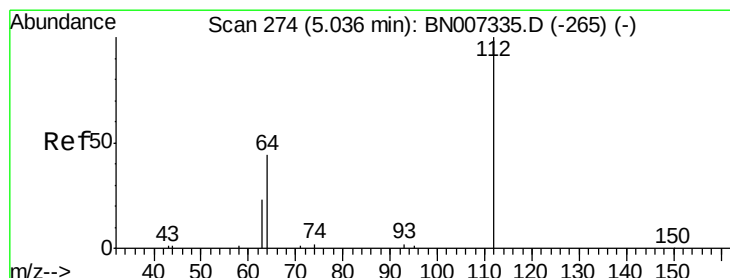
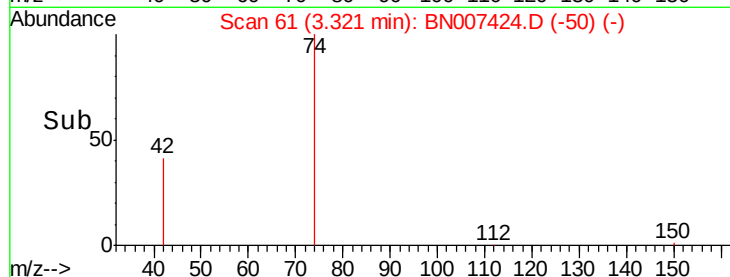
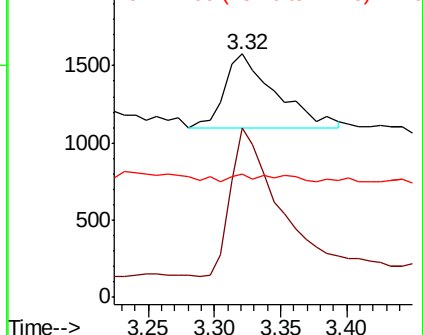
42 100

74 197.1 144.7 217.1

44 3.9 3.2 4.8



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.290 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

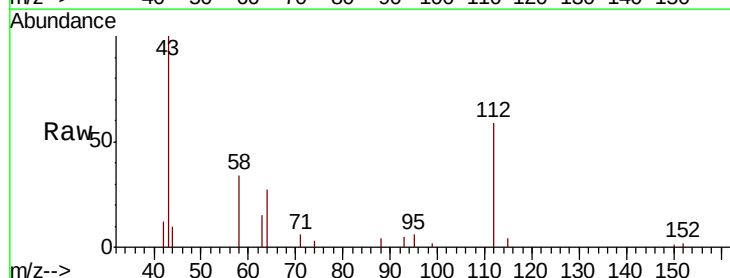
Tgt Ion: 112 Resp: 5729

Ion Ratio Lower Upper

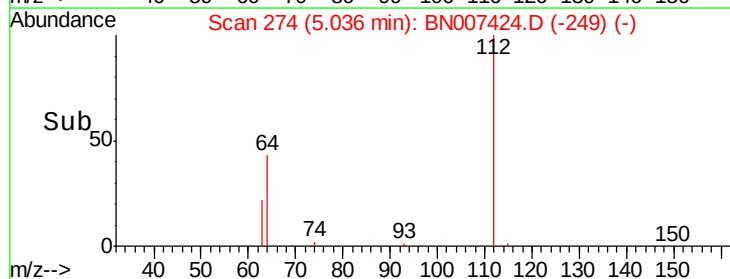
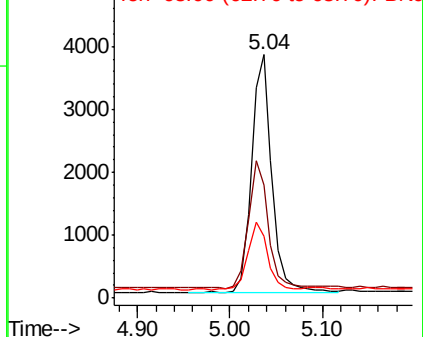
112 100

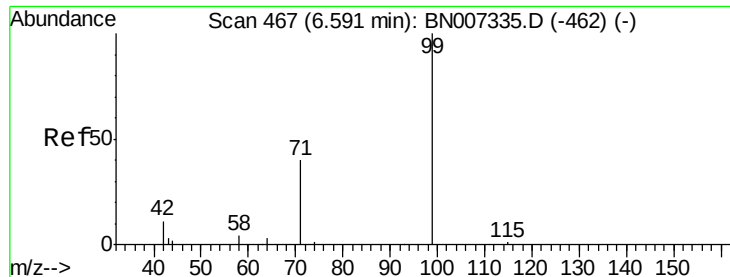
64 52.5 42.3 63.5

63 27.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.283 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

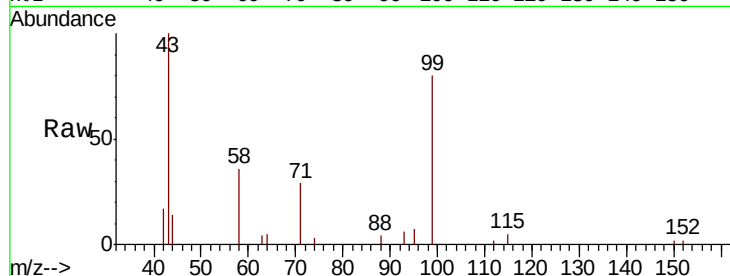
Tot Ion: 99 Resp: 7130

Ion Ratio Lower Upper

99 100

42 11.9 11.2 16.8

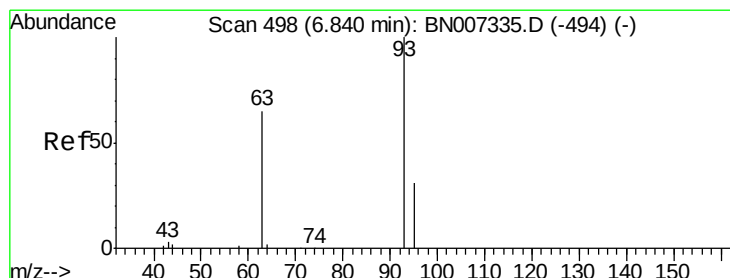
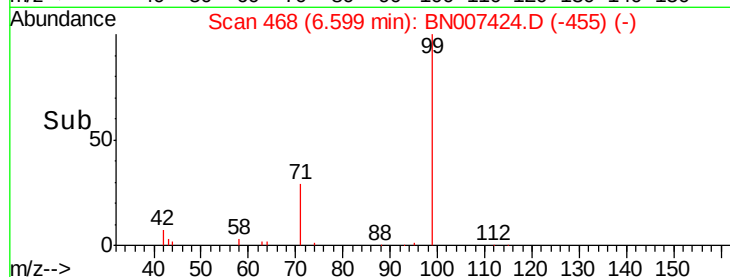
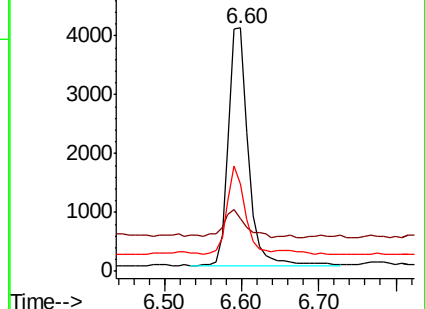
71 33.5 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.286 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

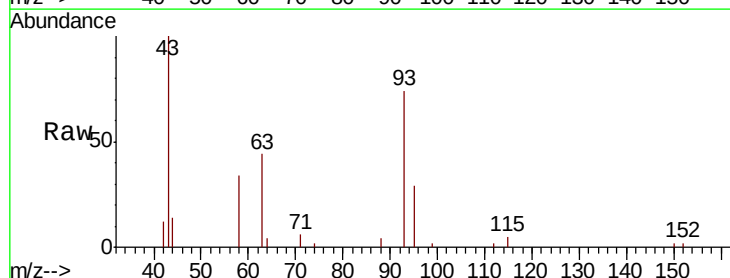
Tgt Ion: 93 Resp: 5720

Ion Ratio Lower Upper

93 100

63 62.7 51.9 77.9

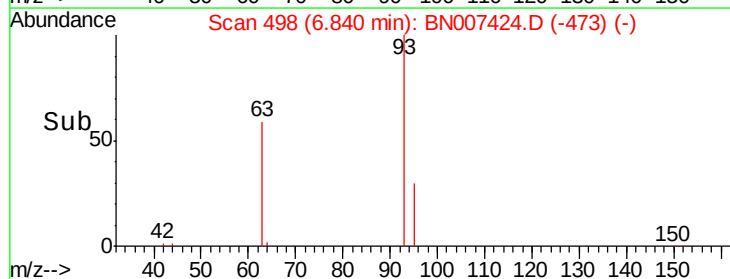
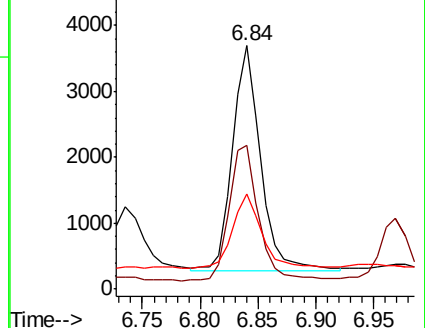
95 32.9 27.7 41.5

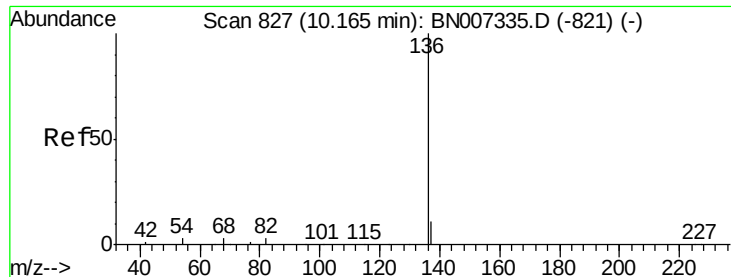


Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007335.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007335.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

Tot Ion:136 Resp: 21972

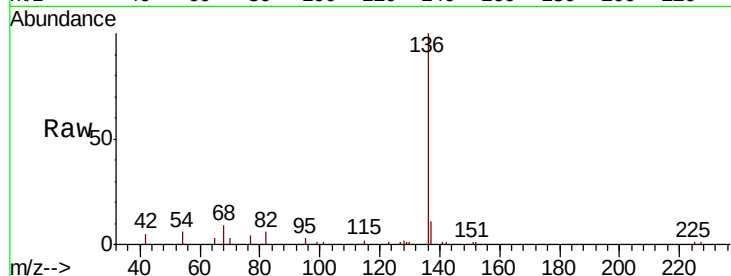
Ion Ratio Lower Upper

136 100

137 11.5 12.9 19.3#

54 6.3 8.6 12.8#

68 8.8 17.0 25.4#

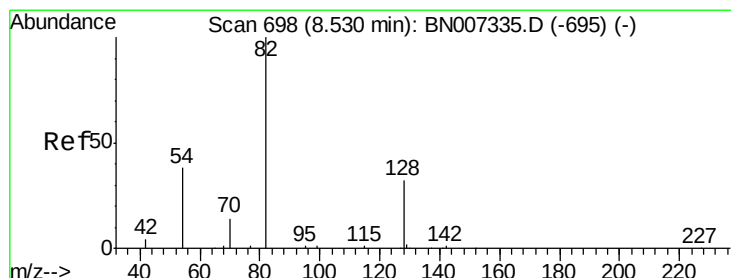
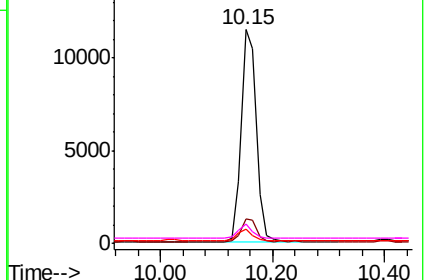
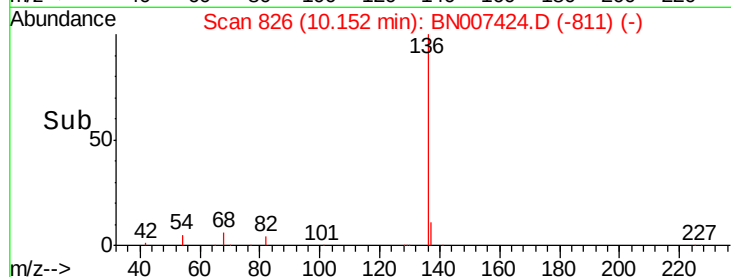


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.288 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

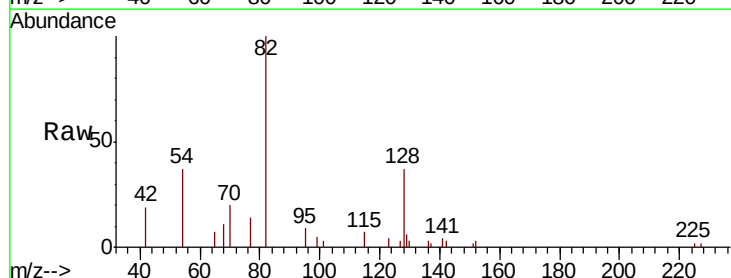
Tgt Ion: 82 Resp: 5499

Ion Ratio Lower Upper

82 100

128 36.9 19.7 29.5#

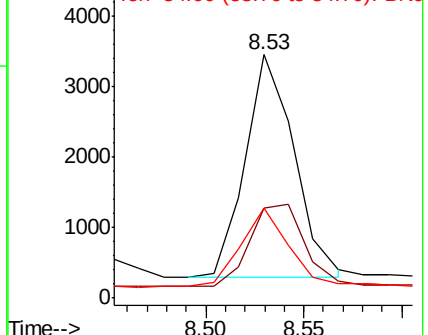
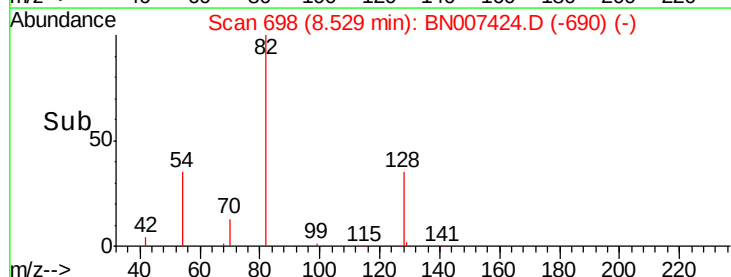
54 36.8 25.8 38.6

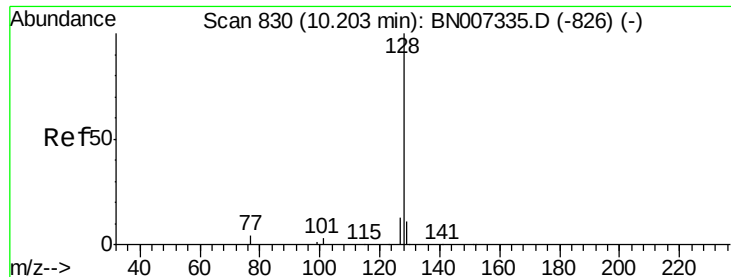


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.297 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

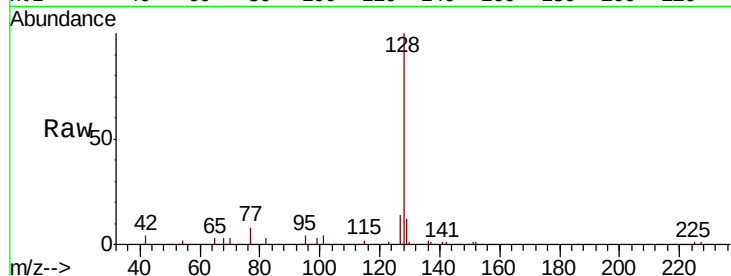
Tot Ion:128 Resp: 18640

Ion Ratio Lower Upper

128 100

129 12.0 11.1 16.7

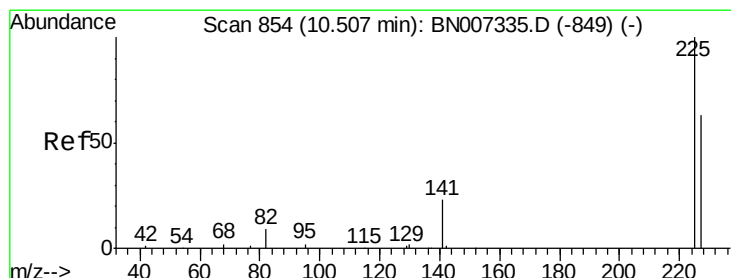
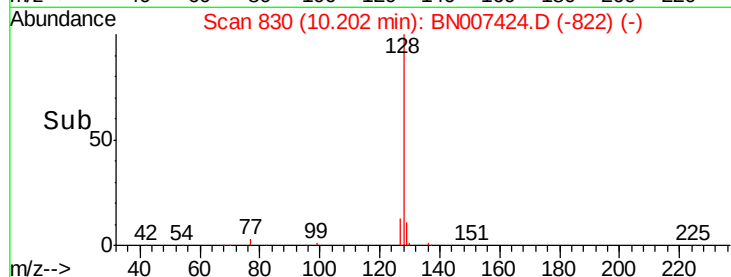
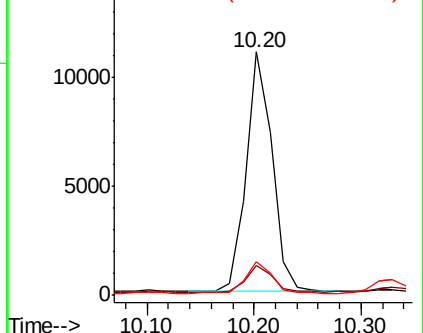
127 14.0 15.5 23.3#



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: 0.277 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

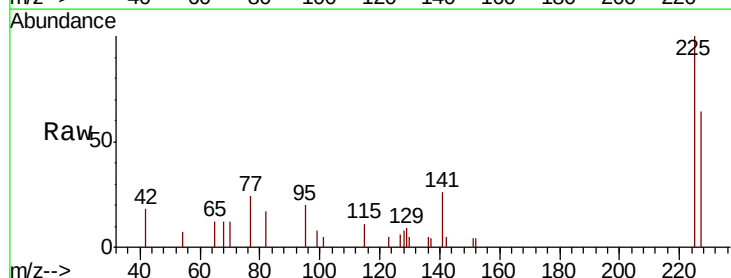
Tgt Ion:225 Resp: 3566

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

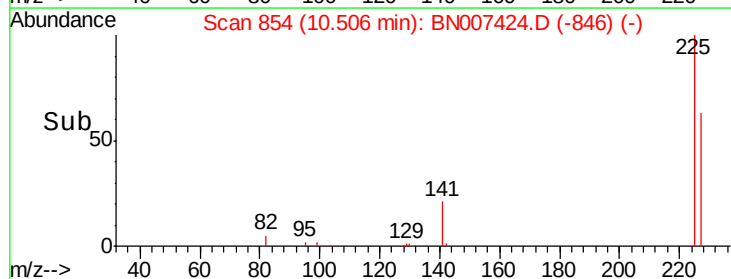
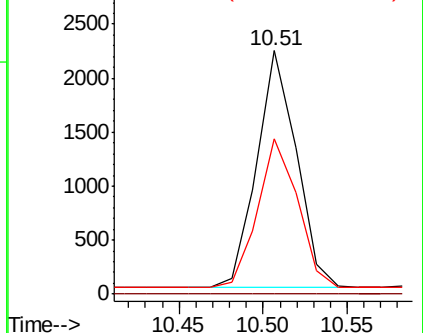
227 64.0 50.7 76.1

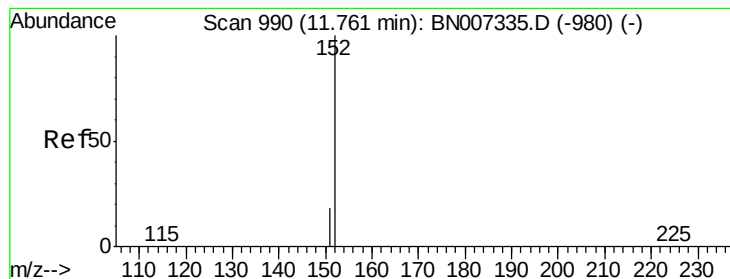


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

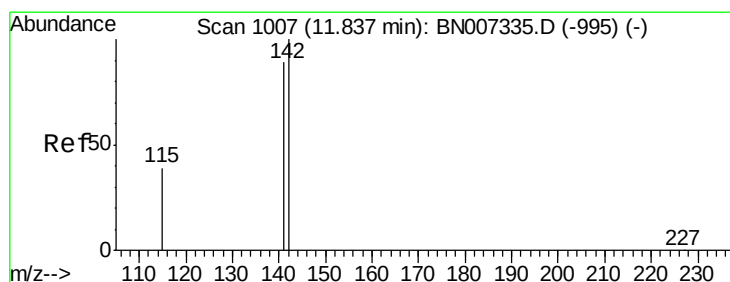
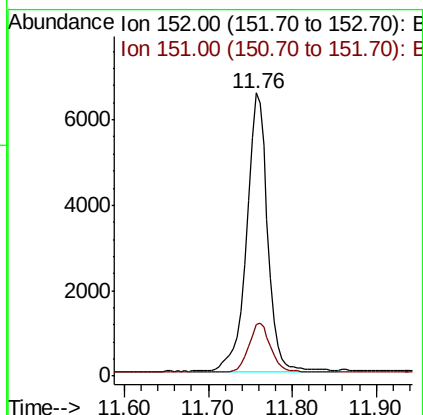
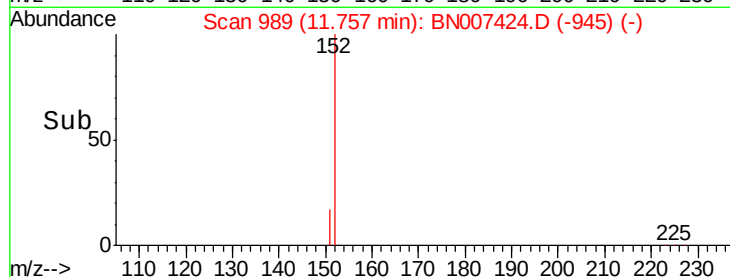
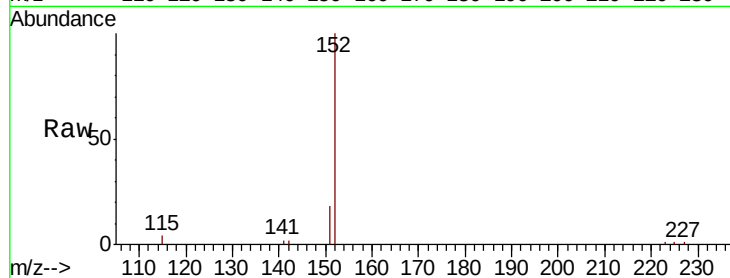
PB122534BS

Tot Ion:152 Resp: 11391

Ion Ratio Lower Upper

152 100

151 18.5 16.2 24.2



#12

2-Methylnaphthalene

Concen: 0.291 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

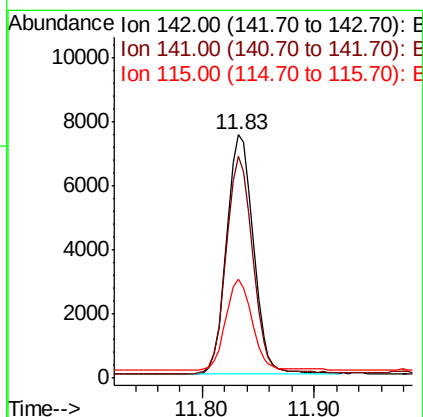
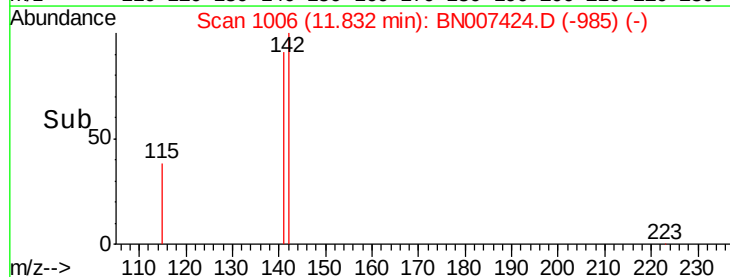
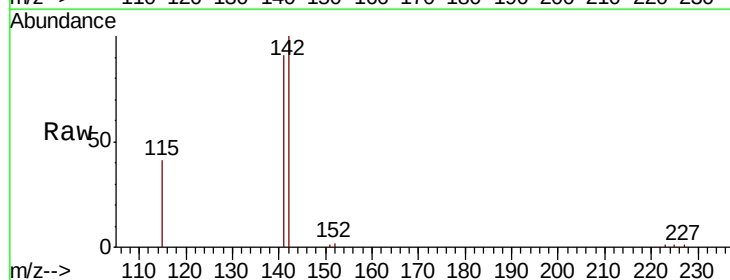
Tgt Ion:142 Resp: 12437

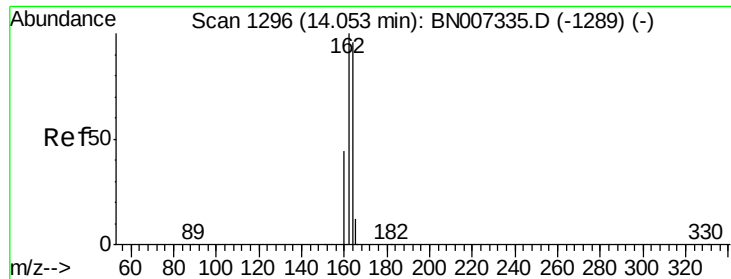
Ion Ratio Lower Upper

142 100

141 91.2 72.8 109.2

115 40.6 35.2 52.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

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PB122534BS

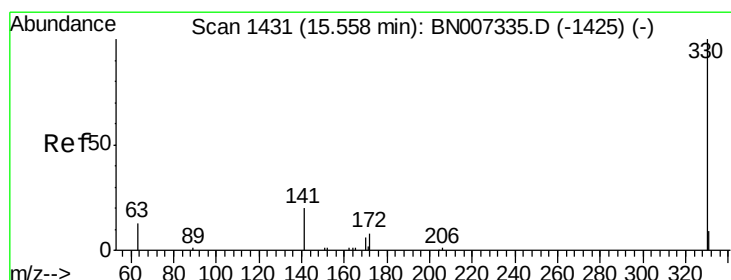
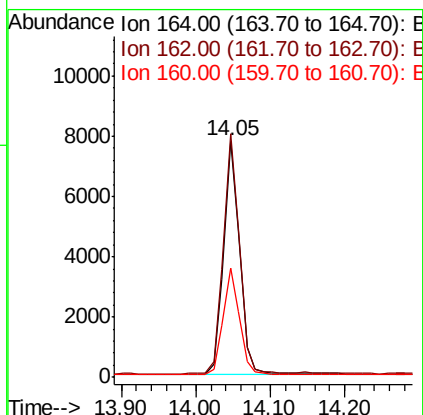
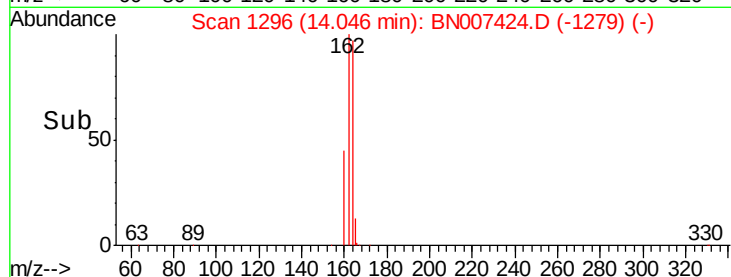
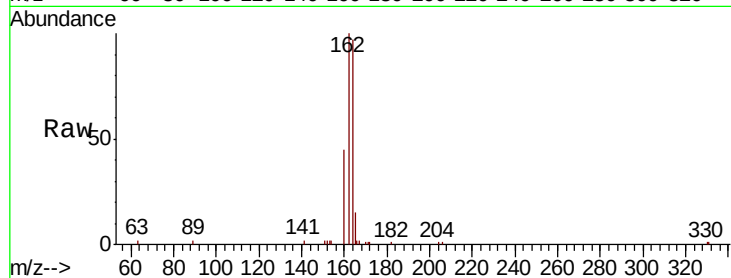
Tot Ion:164 Resp: 11751

Ion Ratio Lower Upper

164 100

162 103.0 83.5 125.3

160 46.3 38.2 57.4



#14

2,4,6-Tribromophenol

Concen: 0.260 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

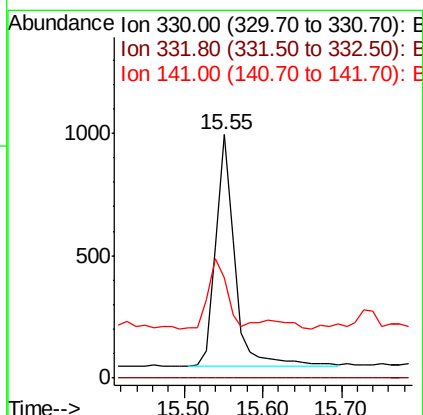
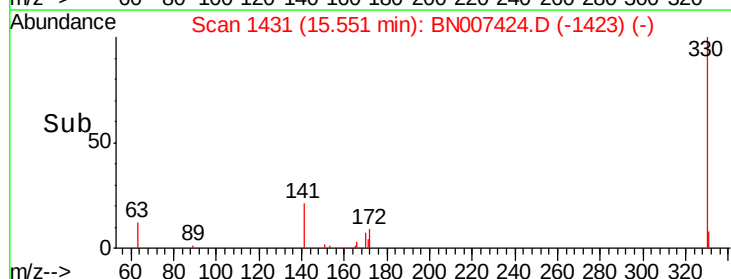
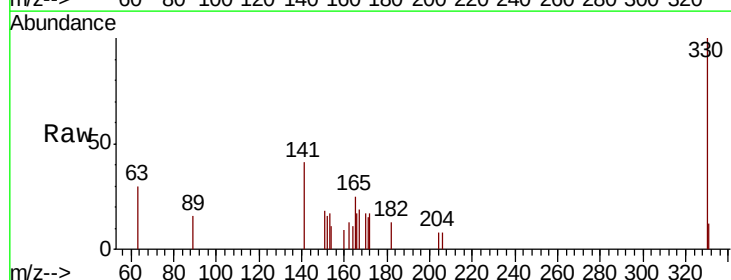
Tgt Ion:330 Resp: 1600

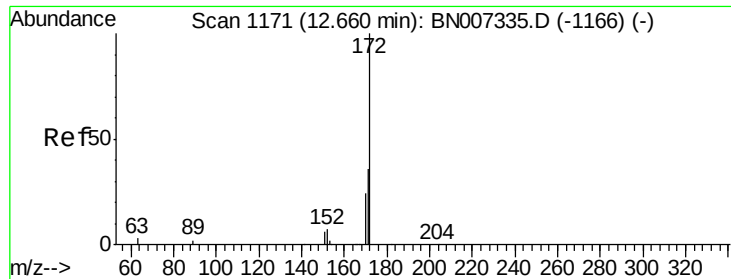
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.9 26.9 40.3





#15

2-Fluorobiphenyl

Concen: 0.289 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

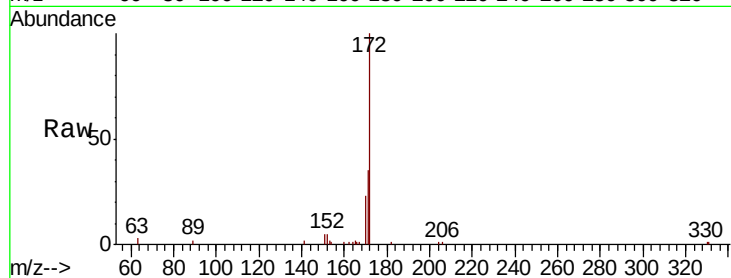
Tot Ion:172 Resp: 13700

Ion Ratio Lower Upper

172 100

171 34.8 30.3 45.5

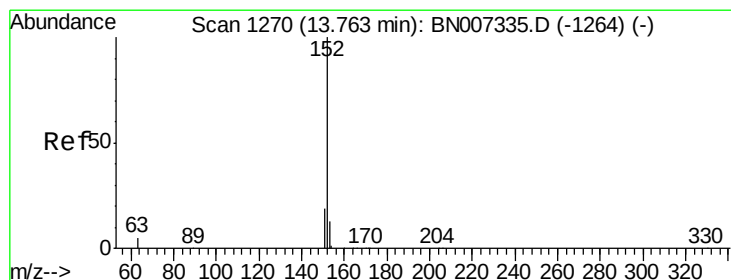
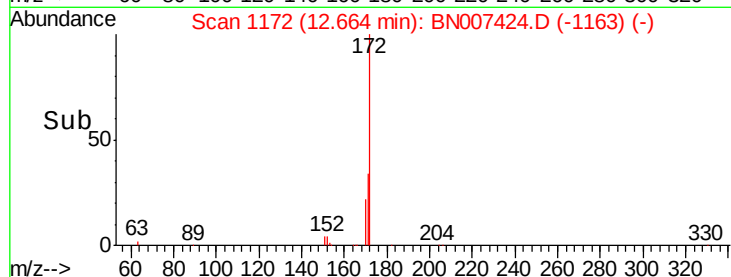
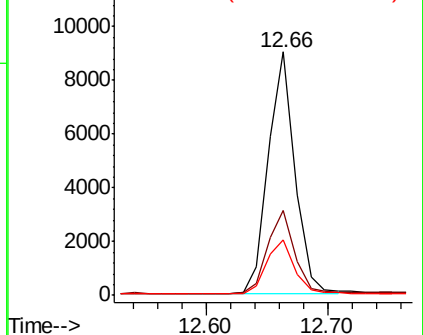
170 22.7 20.7 31.1



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: 0.270 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

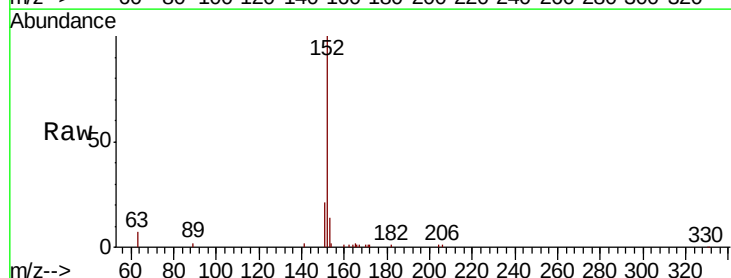
Tgt Ion:152 Resp: 18750

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

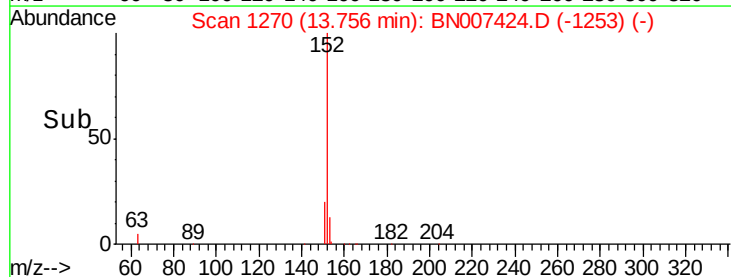
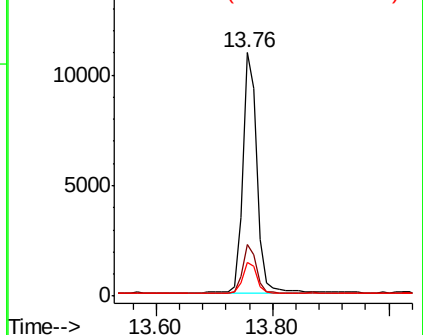
153 13.6 10.6 15.8

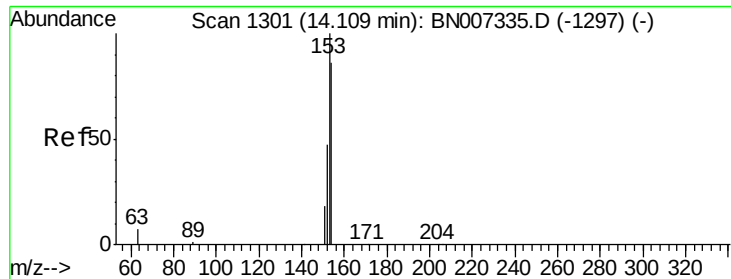


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.274 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

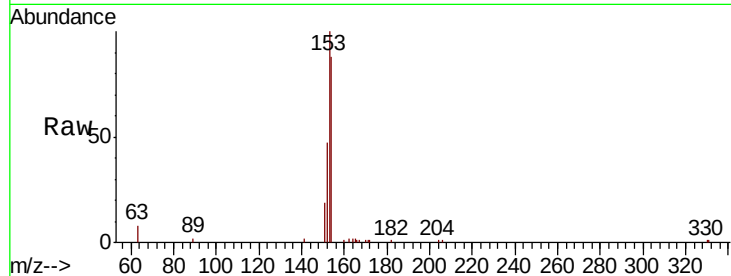
Tot Ion:154 Resp: 11153

Ion Ratio Lower Upper

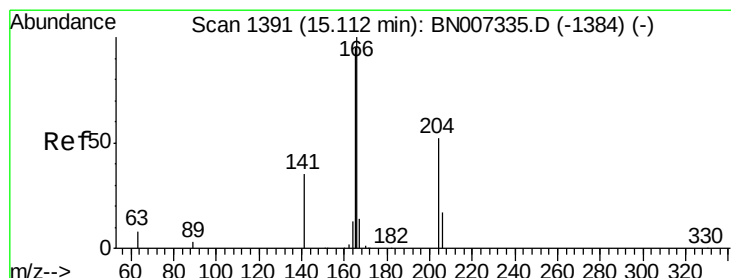
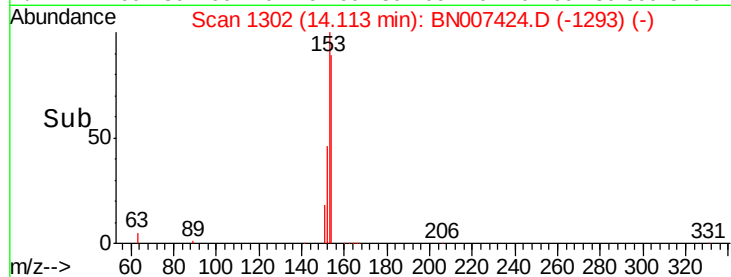
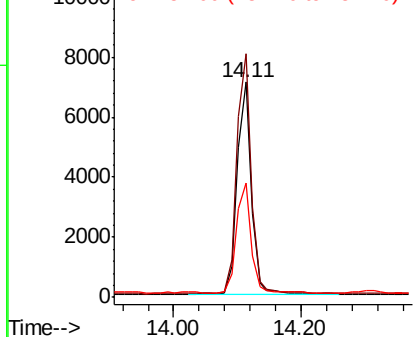
154 100

153 113.6 92.8 139.2

152 52.8 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: 0.258 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

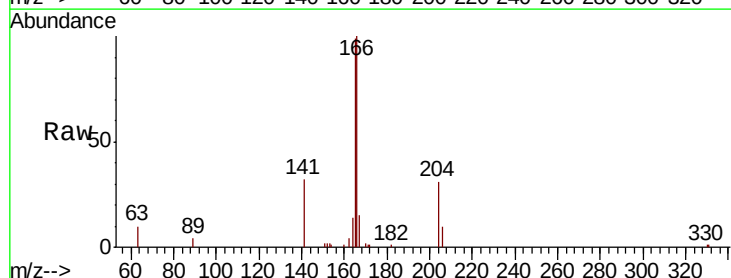
Tgt Ion:166 Resp: 13286

Ion Ratio Lower Upper

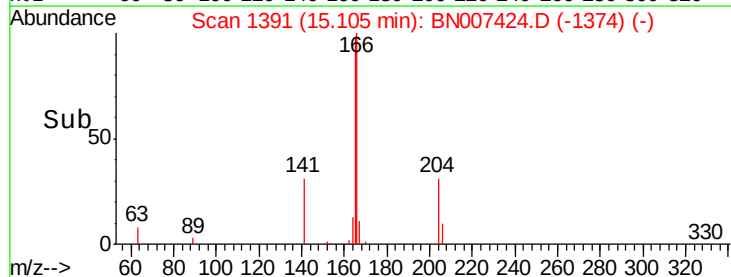
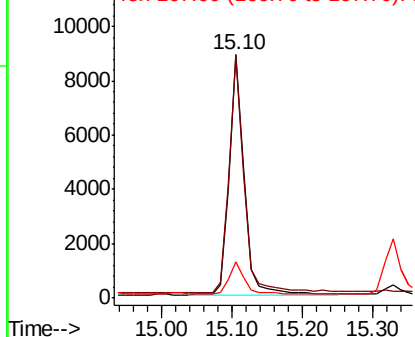
166 100

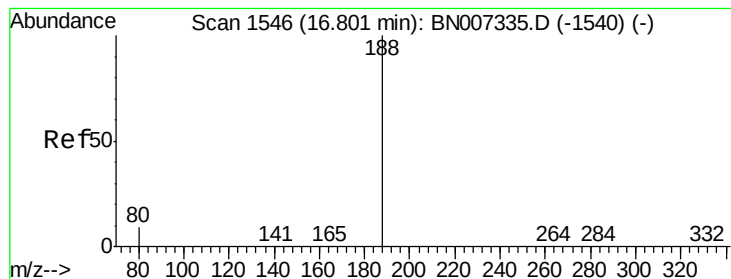
165 99.4 79.0 118.4

167 13.8 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: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

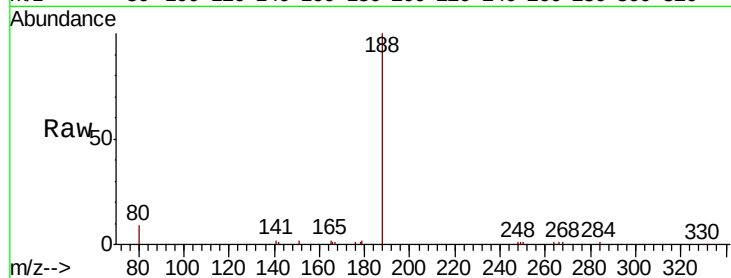
Tot Ion:188 Resp: 20517

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

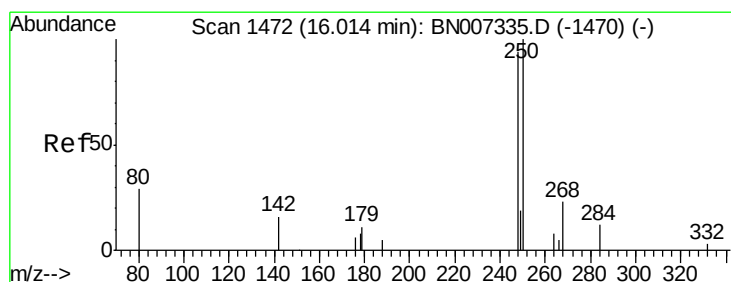
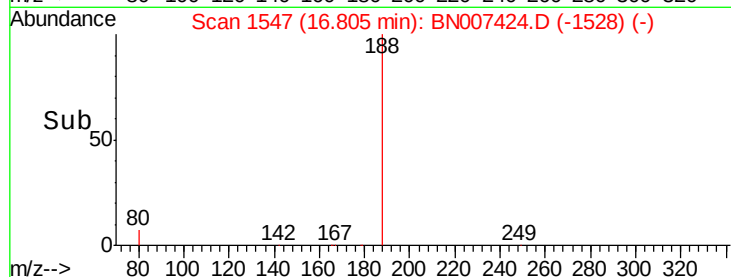
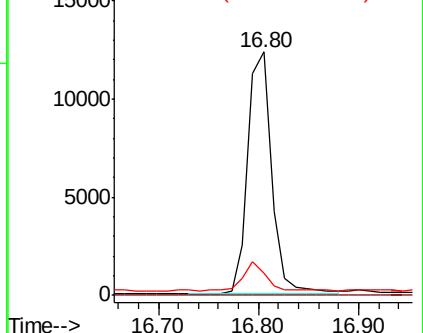
80 9.0 11.8 17.8#



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: 0.348 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

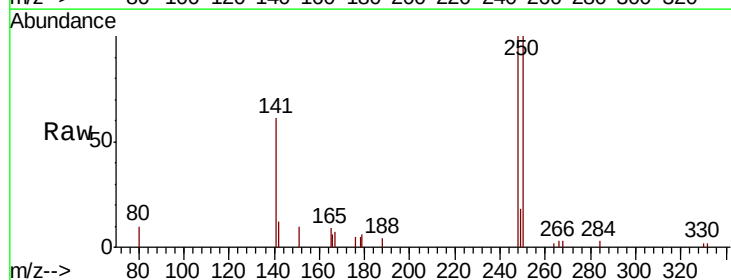
Tgt Ion:248 Resp: 2818

Ion Ratio Lower Upper

248 100

250 99.7 85.0 127.6

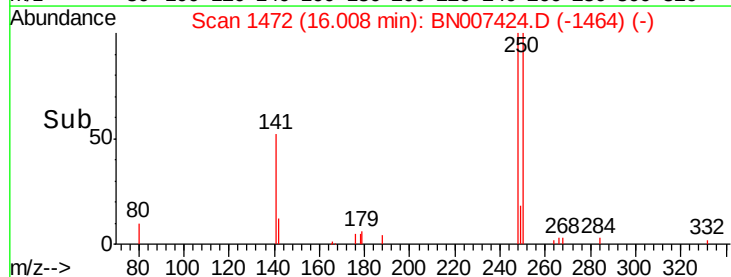
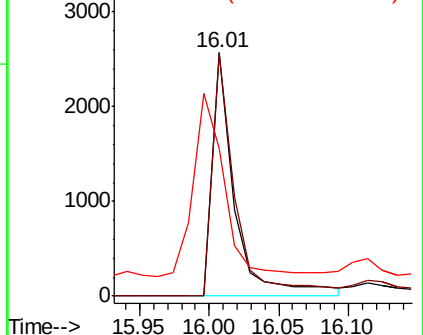
141 60.7 51.7 77.5

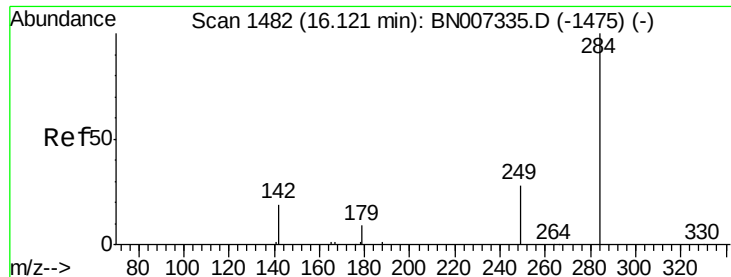


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

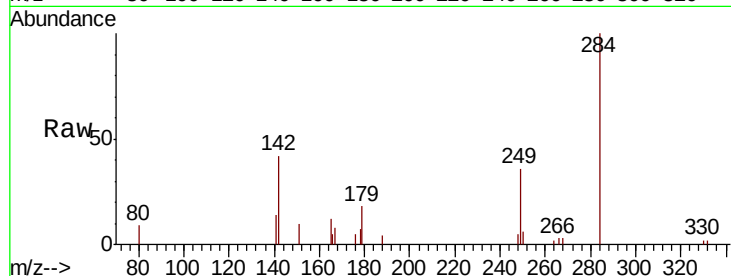




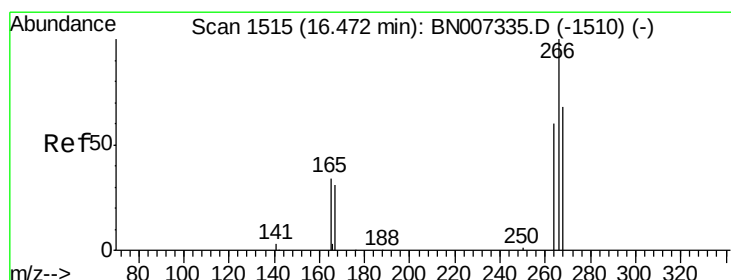
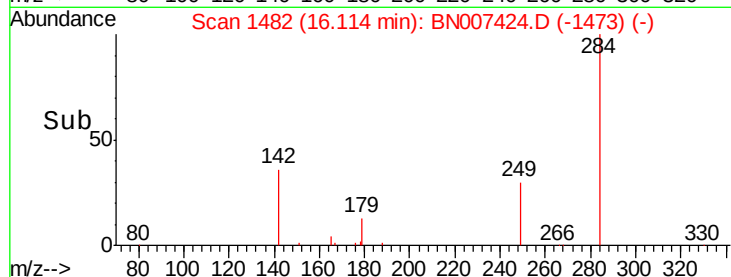
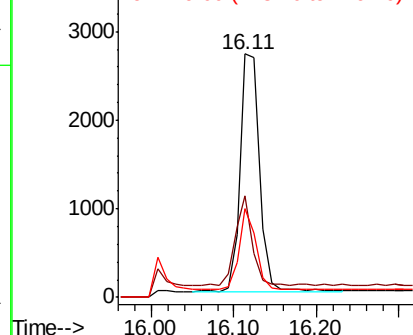
#21
Hexachlorobenzene
Concen: 0.322 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007424.D
Acq: 26 Aug 2019 23:48

Instrument :
BNA_N
ClientSampleId :
PB122534BS

Tot Ion:284 Resp: 4428
Ion Ratio Lower Upper
284 100
142 32.3 29.0 43.6
249 30.0 24.9 37.3

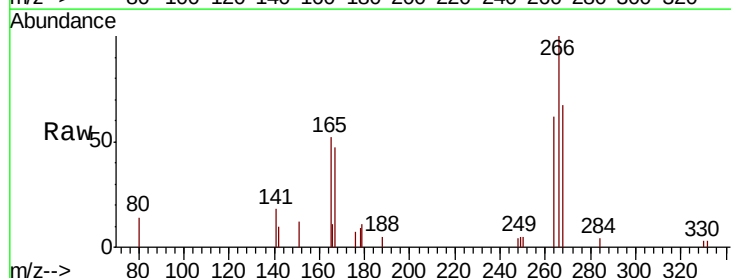


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

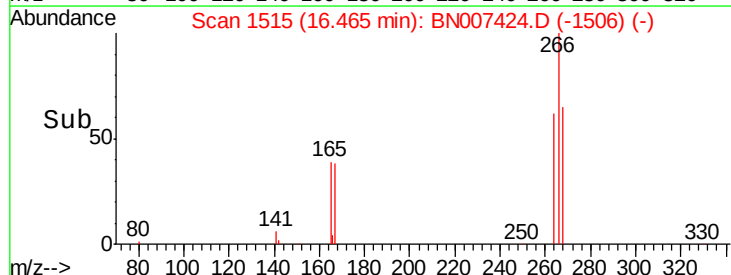
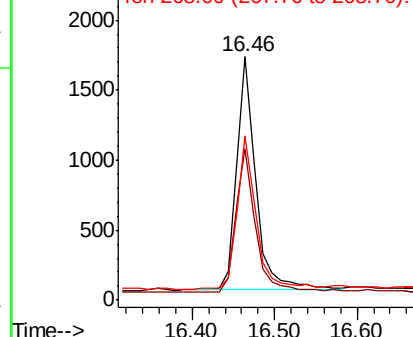


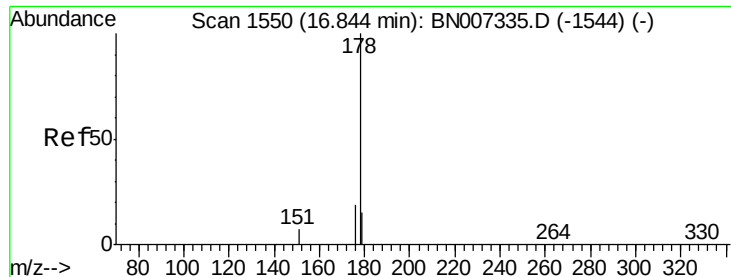
#22
Pentachlorophenol
Concen: 0.649 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007424.D
Acq: 26 Aug 2019 23:48

Tgt Ion:266 Resp: 2774
Ion Ratio Lower Upper
266 100
264 62.4 57.8 86.8
268 67.2 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: 0.324 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

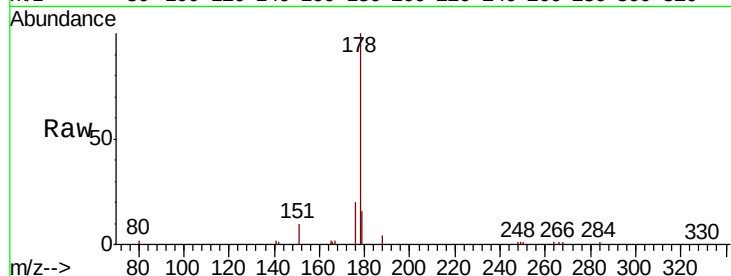
Tot Ion:178 Resp: 19965

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

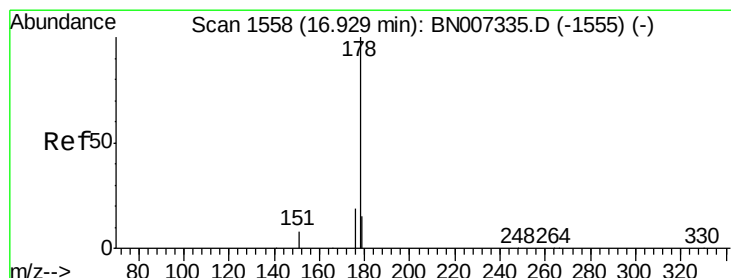
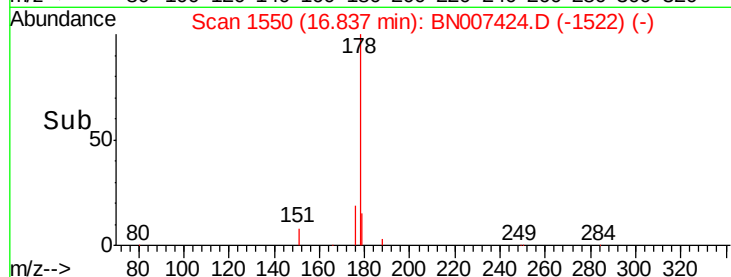
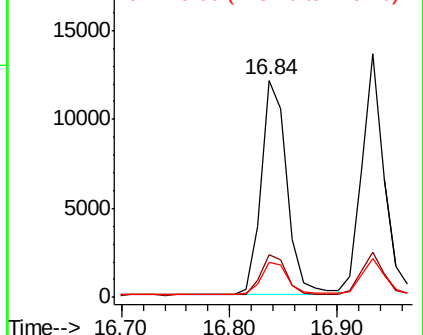
179 15.8 12.6 19.0



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: 0.313 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

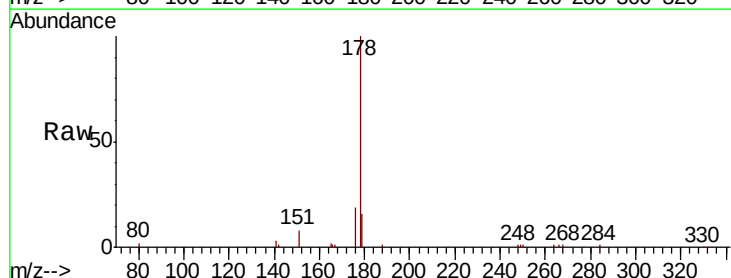
Tgt Ion:178 Resp: 19422

Ion Ratio Lower Upper

178 100

176 17.8 14.9 22.3

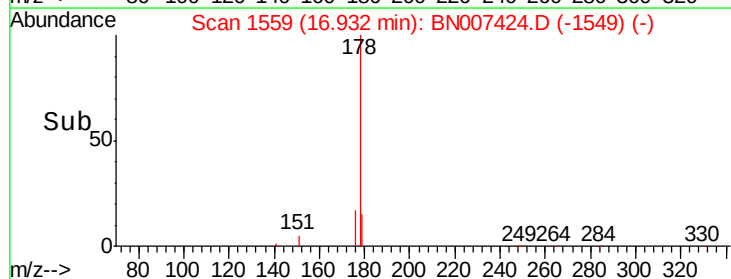
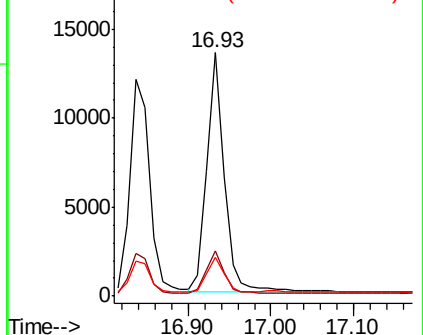
179 14.4 12.4 18.6

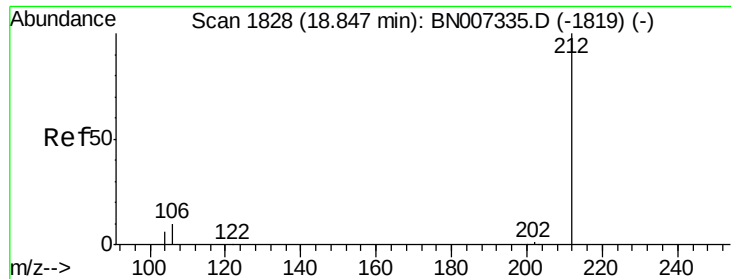


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.308 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

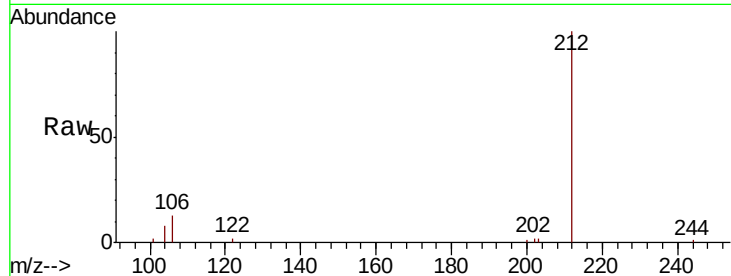
Tot Ion:212 Resp: 20351

Ion Ratio Lower Upper

212 100

106 11.9 9.0 13.4

104 7.0 5.4 8.2

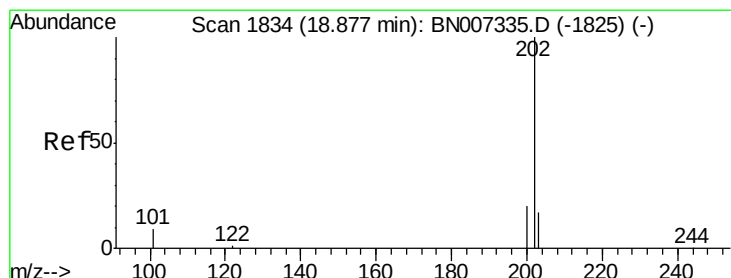
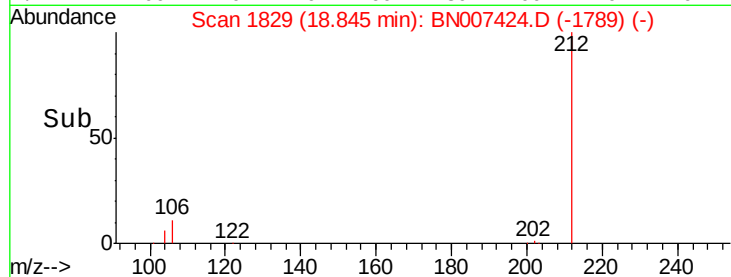
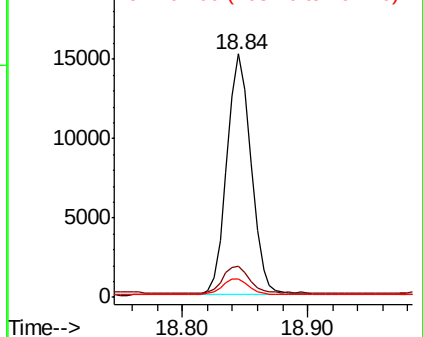


Abundance

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: 0.314 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

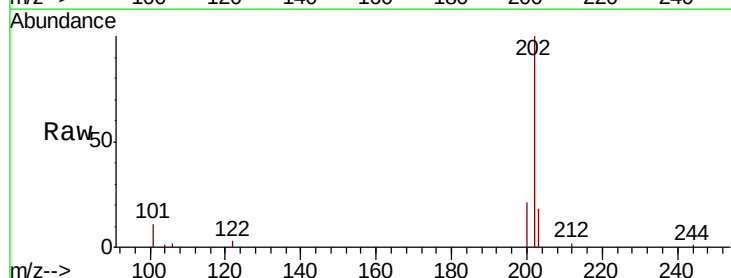
Tgt Ion:202 Resp: 24896

Ion Ratio Lower Upper

202 100

101 10.2 7.7 11.5

203 17.2 13.7 20.5

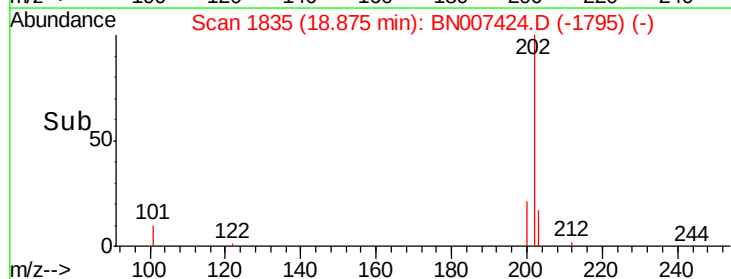
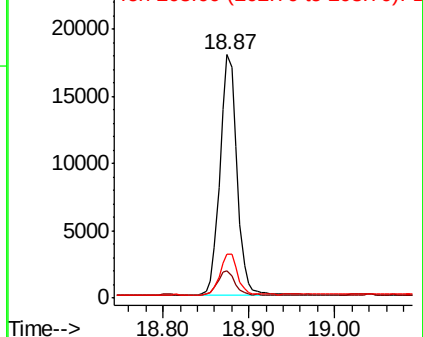


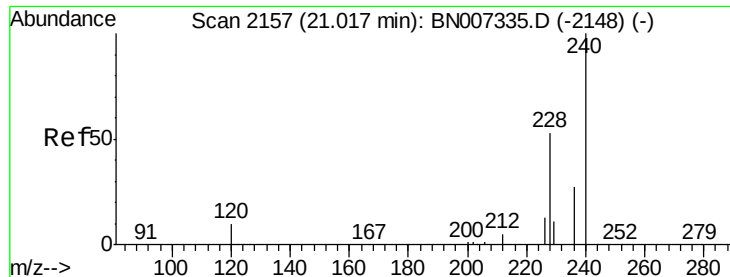
Abundance

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: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

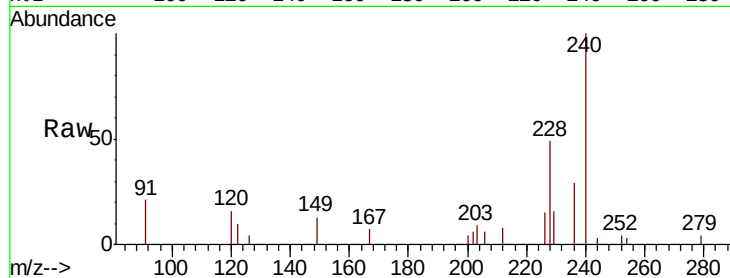
Tot Ion:240 Resp: 21651

Ion Ratio Lower Upper

240 100

120 16.3 9.6 14.4#

236 28.9 22.2 33.2

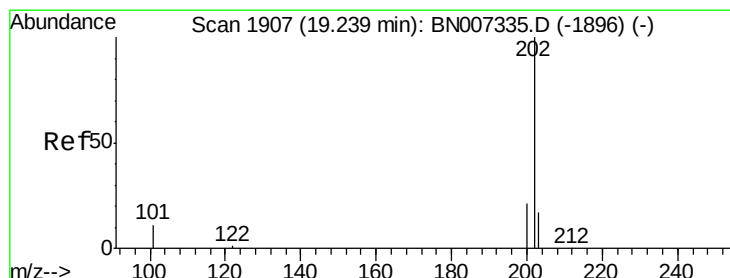
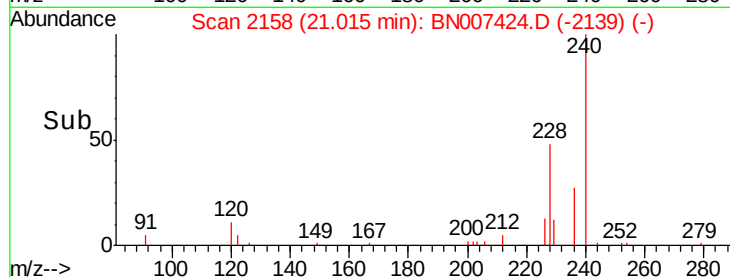
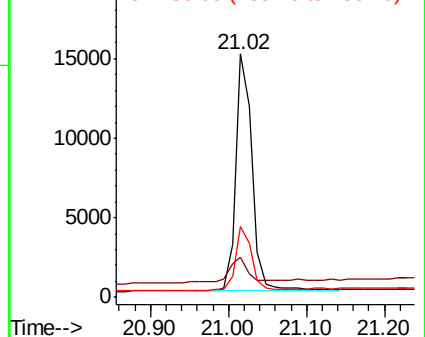


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.297 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

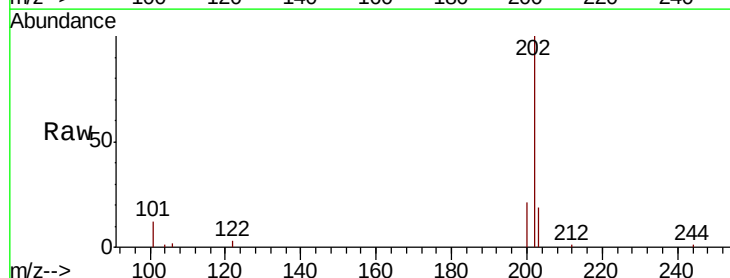
Tgt Ion:202 Resp: 25833

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

203 18.5 14.2 21.4

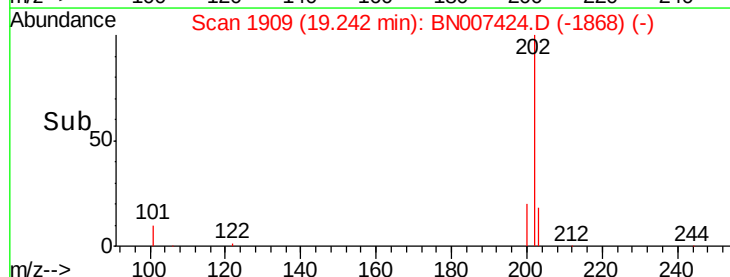
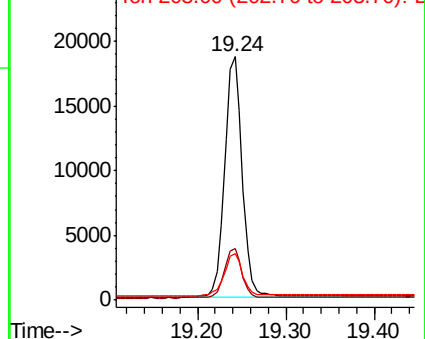


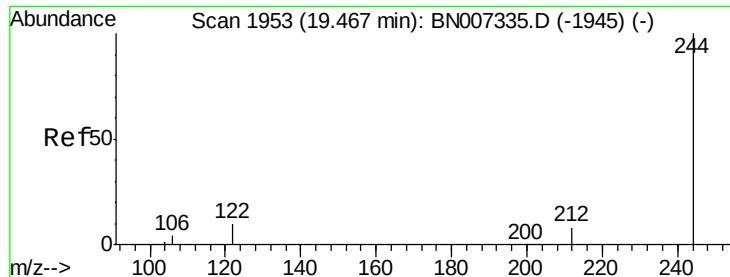
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.287 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

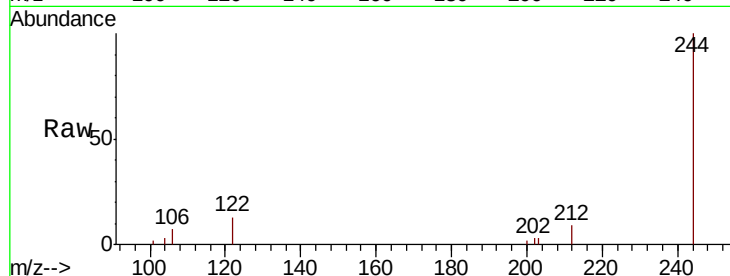
Tot Ion:244 Resp: 16268

Ion Ratio Lower Upper

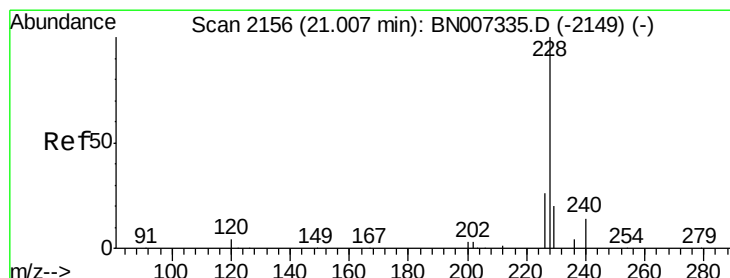
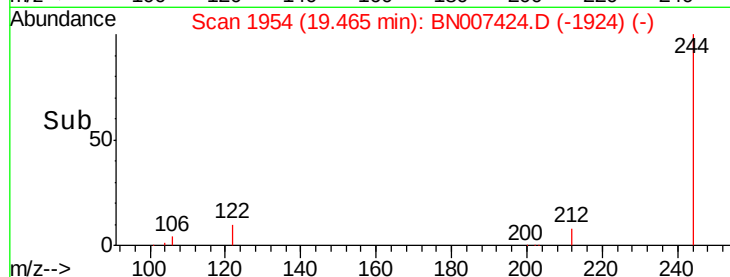
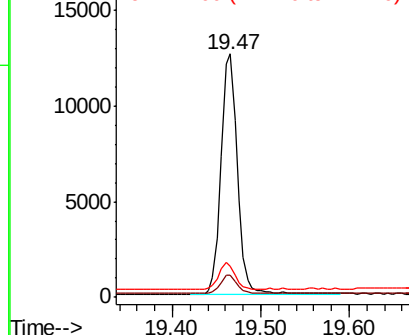
244 100

212 9.3 7.0 10.6

122 12.6 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: 0.288 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

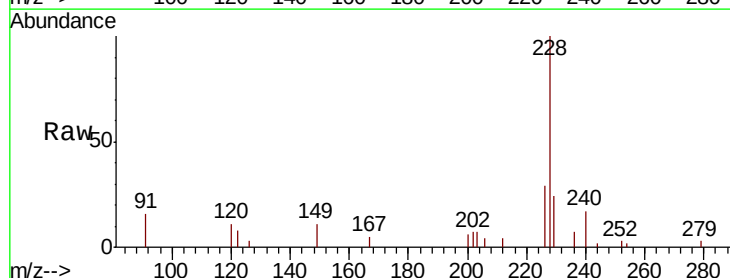
Tgt Ion:228 Resp: 24505

Ion Ratio Lower Upper

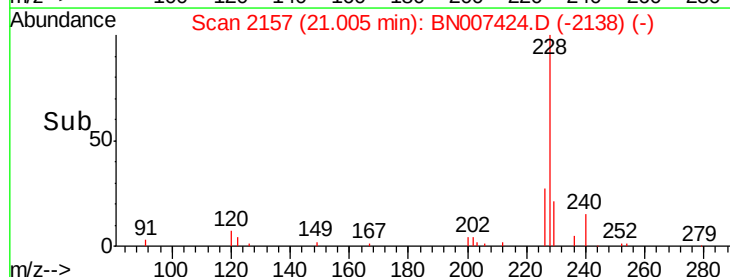
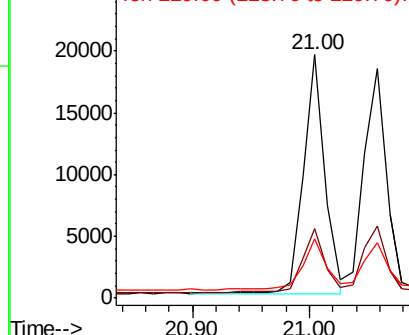
228 100

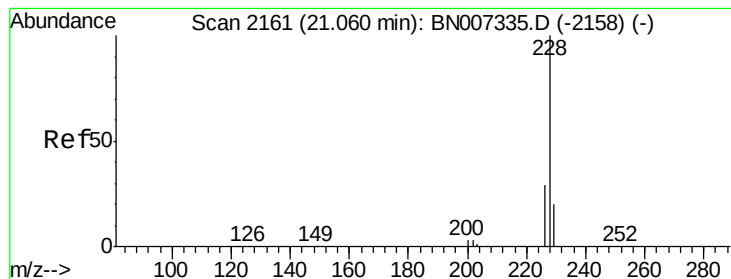
226 28.8 21.3 31.9

229 24.3 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: 0.296 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

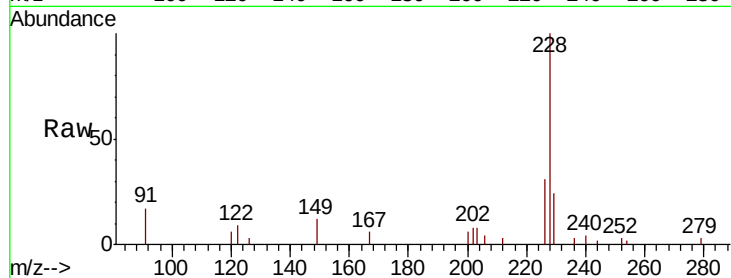
Tot Ion:228 Resp: 24295

Ion Ratio Lower Upper

228 100

226 31.5 23.5 35.3

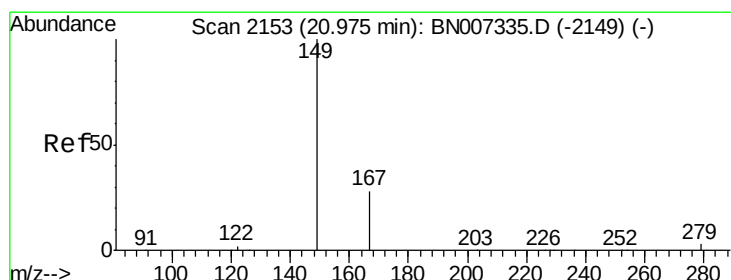
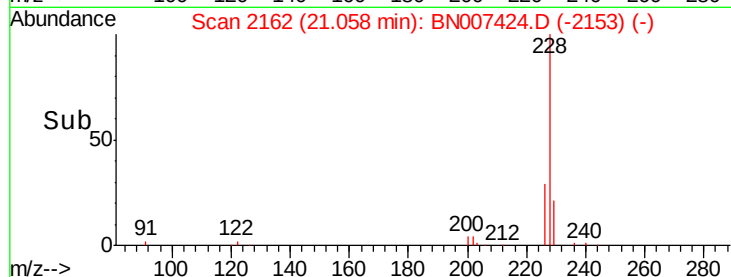
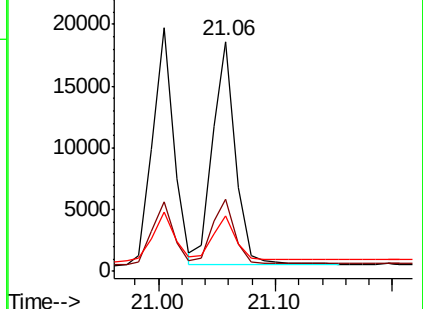
229 24.4 16.6 24.8



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: 0.267 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

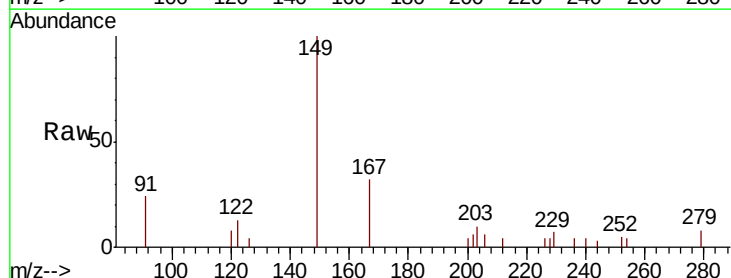
Tgt Ion:149 Resp: 15720

Ion Ratio Lower Upper

149 100

167 28.2 22.8 34.2

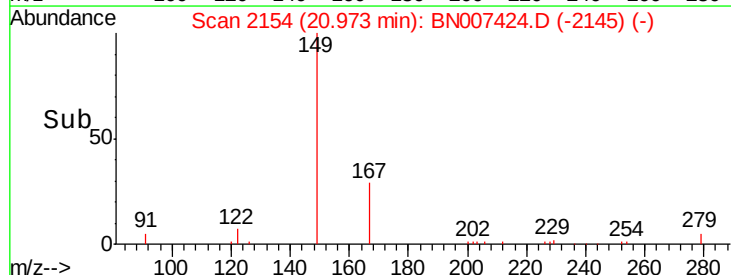
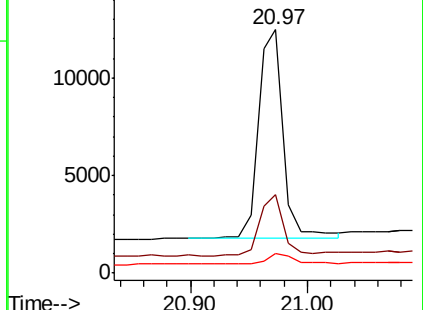
279 5.8 3.5 5.3#

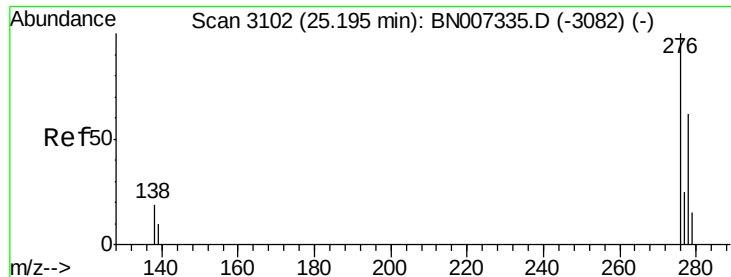


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

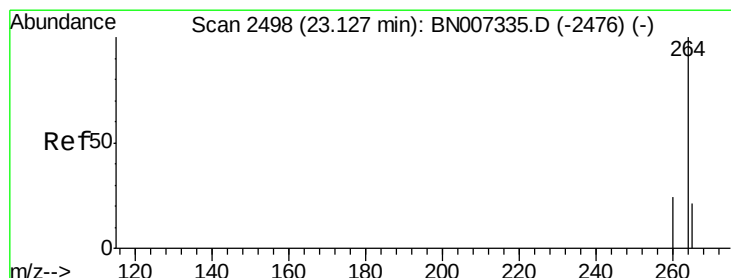
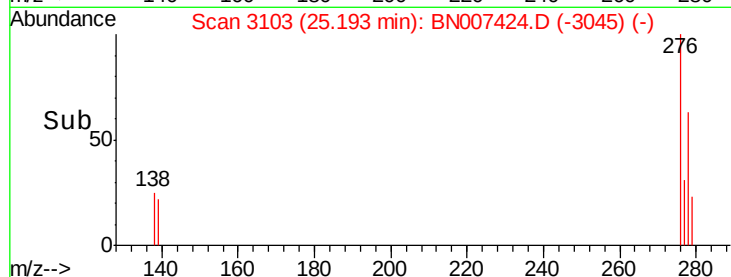
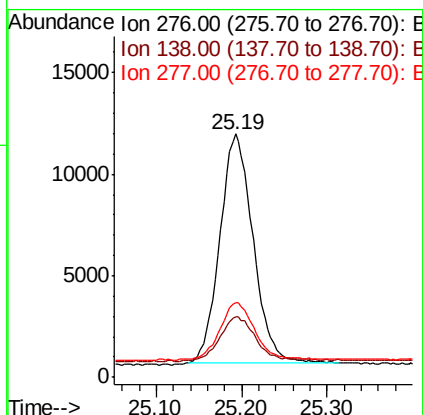
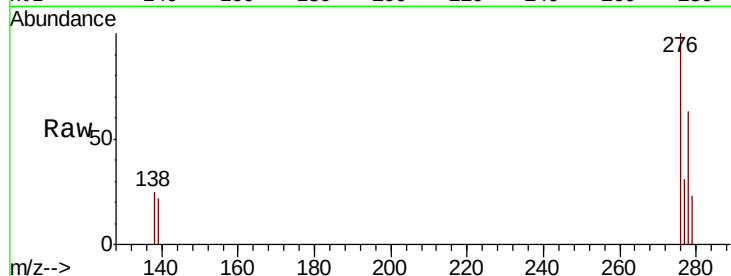




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.307 ng
 RT: 25.19 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BN007424.D
 Acq: 26 Aug 2019 23:48

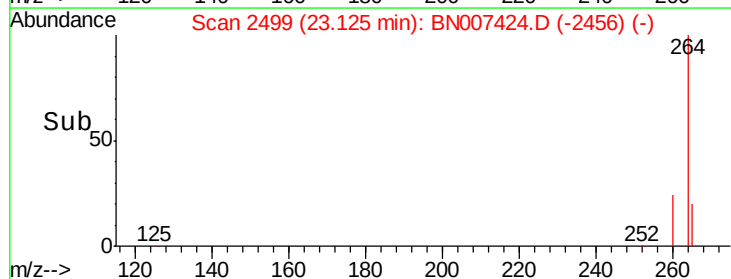
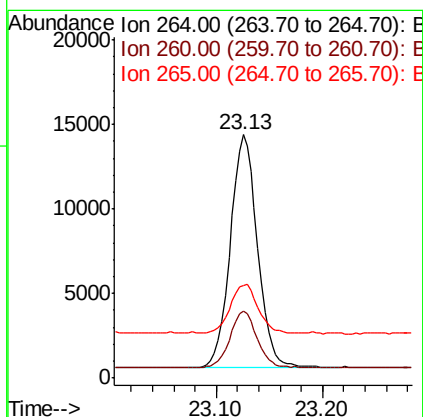
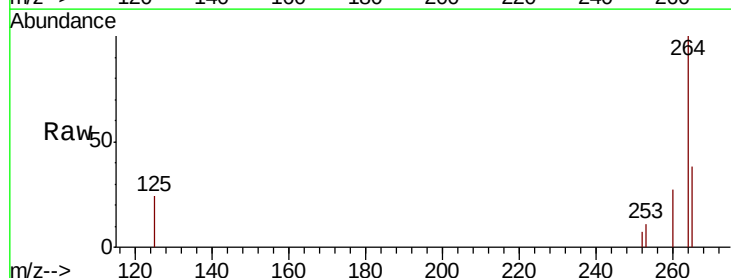
Instrument :
 BNA_N
 ClientSampleId :
 PB122534BS

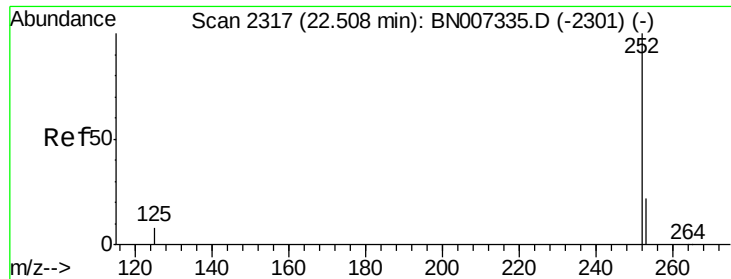
Tot Ion:276 Resp: 30363
 Ion Ratio Lower Upper
 276 100
 138 18.6 15.1 22.7
 277 24.6 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BN007424.D
 Acq: 26 Aug 2019 23:48

Tgt Ion:264 Resp: 24469
 Ion Ratio Lower Upper
 264 100
 260 27.5 19.7 29.5
 265 38.2 29.9 44.9





#35

Benzo(b)fluoranthene

Concen: 0.290 ng

RT: 22.51 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

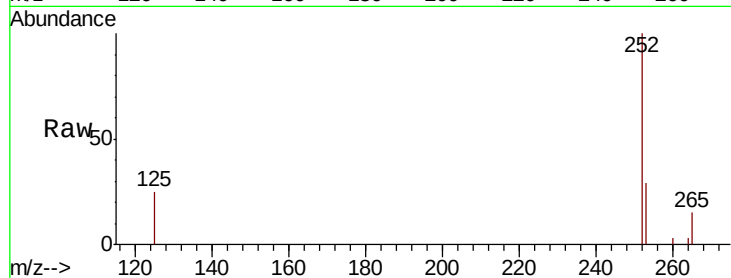
Tot Ion:252 Resp: 25698

Ion Ratio Lower Upper

252 100

253 28.9 19.2 28.8#

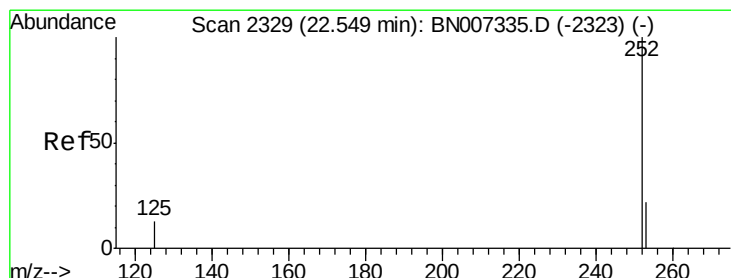
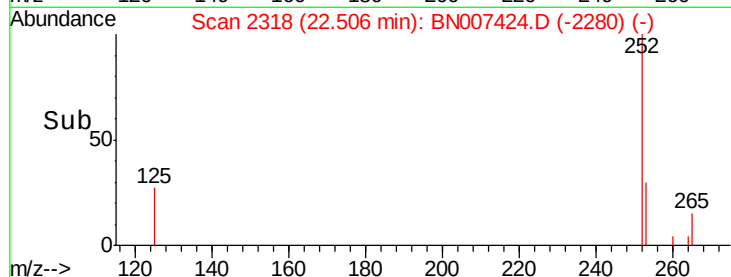
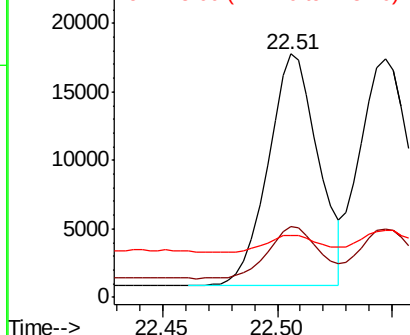
125 25.3 10.6 16.0#



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: 0.295 ng

RT: 22.55 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

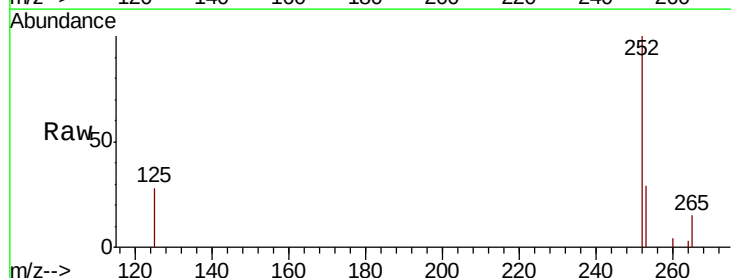
Tgt Ion:252 Resp: 25822

Ion Ratio Lower Upper

252 100

253 28.9 19.4 29.2

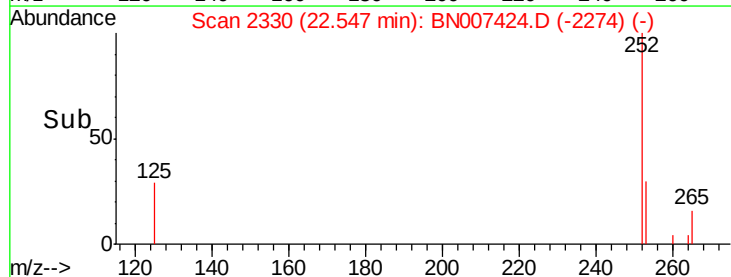
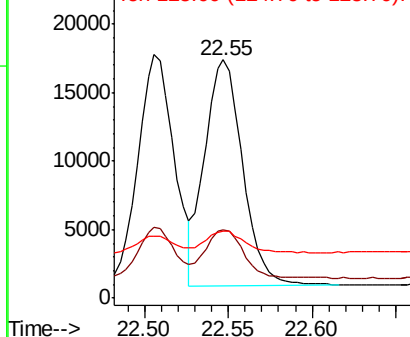
125 27.9 13.1 19.7#

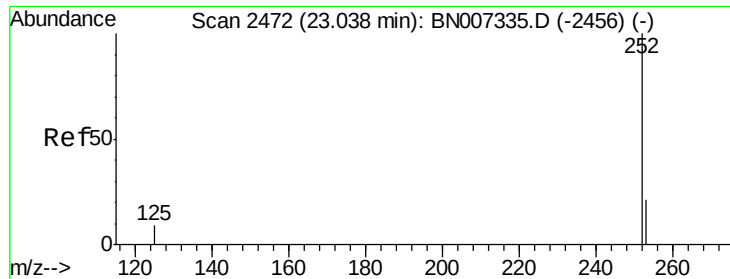


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.304 ng

RT: 23.03 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

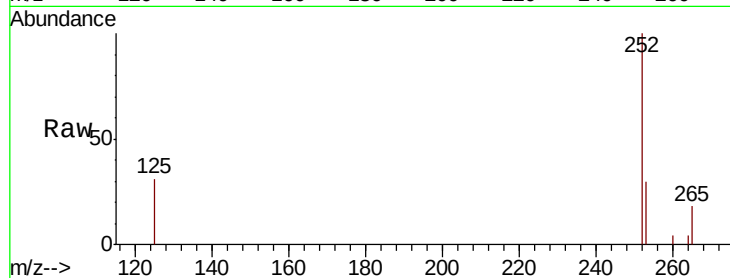
Tot Ion:252 Resp: 25688

Ion Ratio Lower Upper

252 100

253 30.2 19.5 29.3#

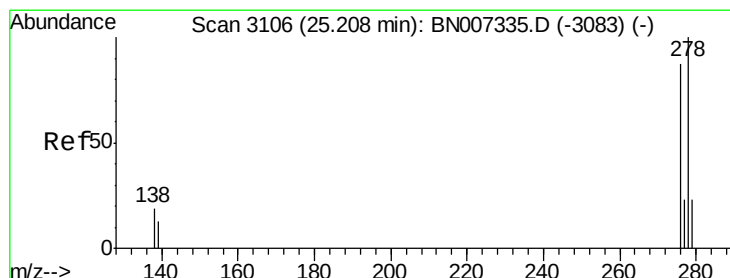
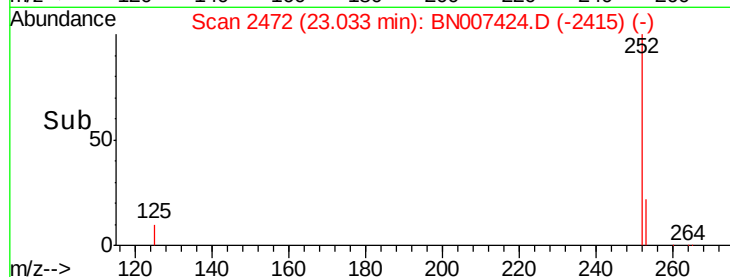
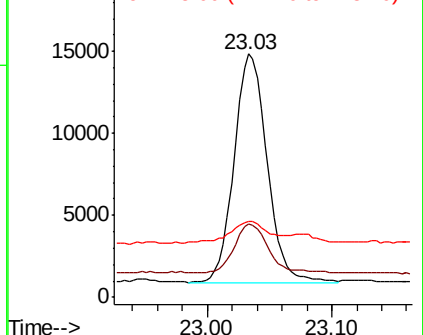
125 31.0 12.1 18.1#



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: 0.301 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

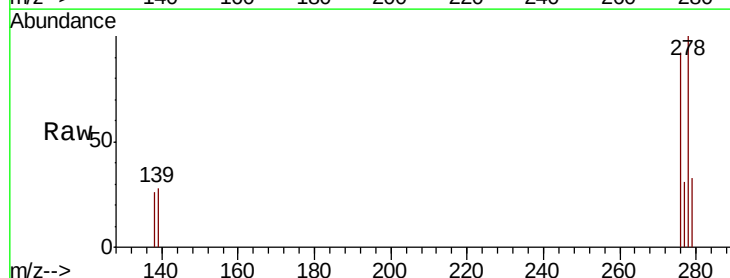
Tgt Ion:278 Resp: 25329

Ion Ratio Lower Upper

278 100

139 28.2 13.7 20.5#

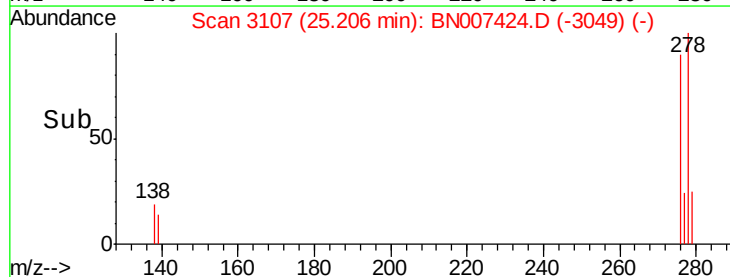
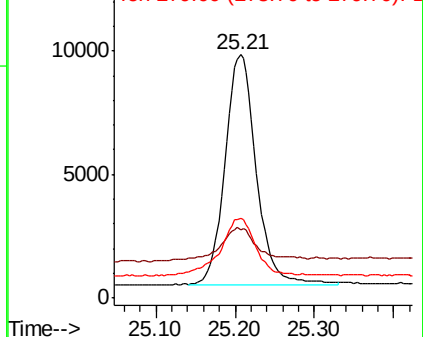
279 32.7 20.2 30.4#

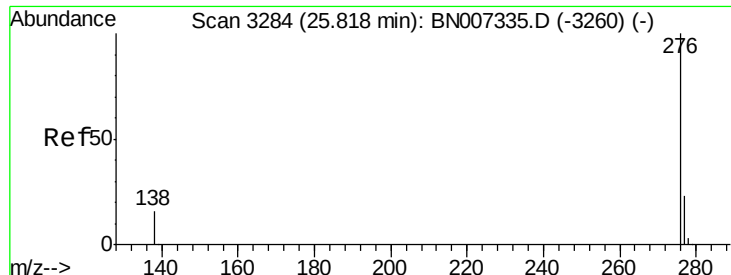


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.314 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007424.D

Acq: 26 Aug 2019 23:48

Instrument :

BNA_N

ClientSampleId :

PB122534BS

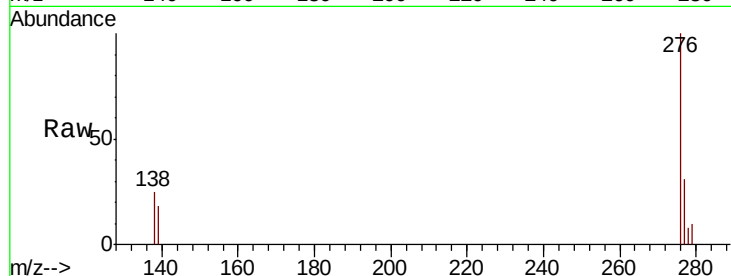
Tot Ion:276 Resp: 26321

Ion Ratio Lower Upper

276 100

277 30.6 19.6 29.4#

138 24.6 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

