

Data File : BN007392.D
Acq On : 25 Aug 2019 13:04
Operator : HP/JU
Sample : PB122525BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Quant Time: Aug 26 05:20:52 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	3666	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	14557	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	7692	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	16713	0.40	ng	0.00
27) Chrysene-d12	21.02	240	18458	0.40	ng	0.00
34) Perylene-d12	23.12	264	19869	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	3734	0.29	ng	0.00
5) Phenol-d6	6.59	99	4415	0.26	ng	0.00
8) Nitrobenzene-d5	8.45	82	251	0.02	ng	-0.08
11) 2-Methylnaphthalene-d10	11.76	152	7428	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1272	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	10289	0.33	ng	0.00
25) Fluoranthene-d10	18.84	212	16364	0.30	ng	0.00
29) Terphenyl-d14	19.46	244	13339	0.28	ng	0.00

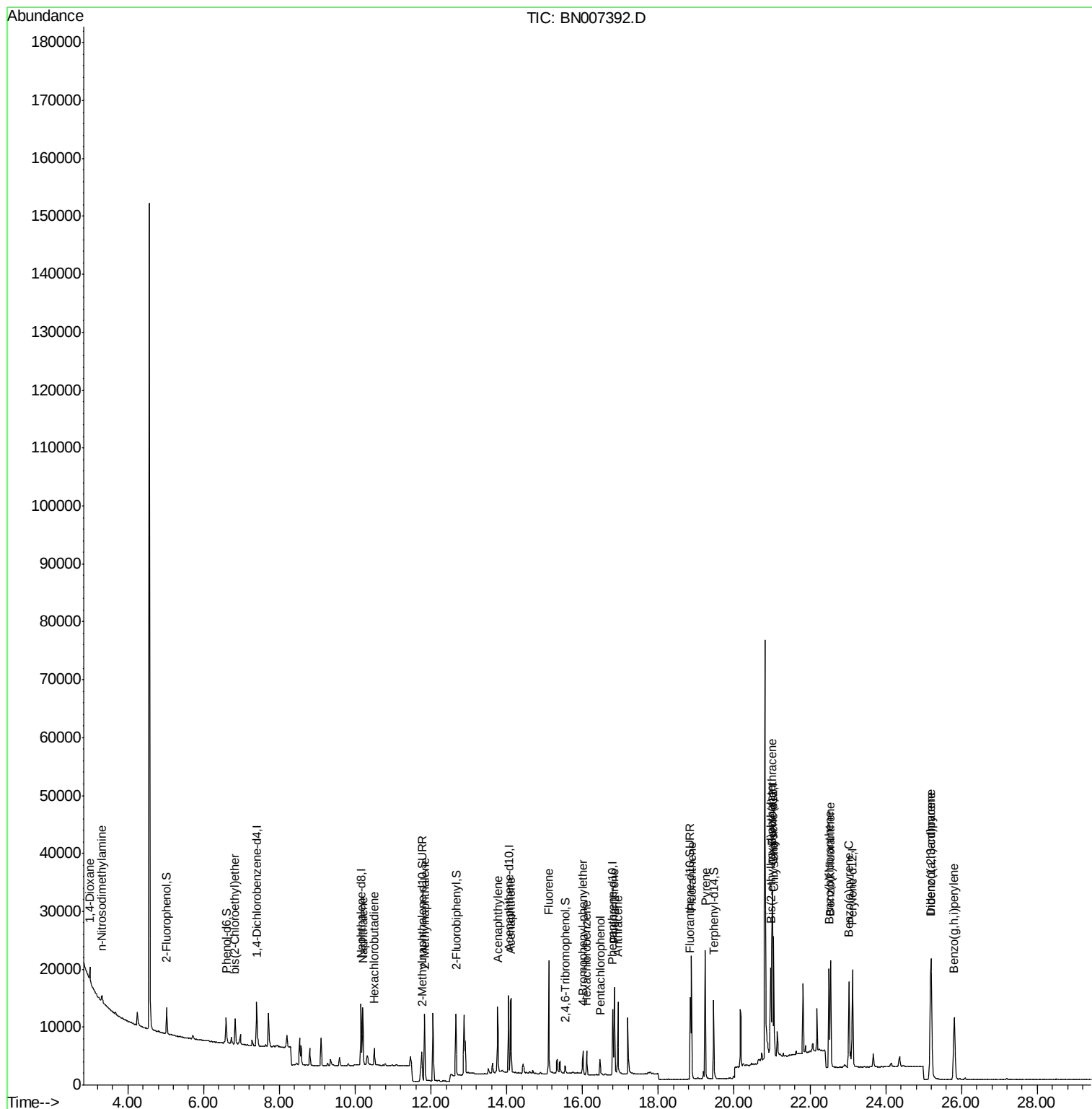
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	1892	0.311	ng	# 75
3) n-Nitrosodimethylamine	3.31	42	835	0.295	ng	# 81
6) bis(2-Chloroethyl)ether	6.84	93	3753	0.283	ng	98
9) Naphthalene	10.20	128	12552	0.302	ng	# 91
10) Hexachlorobutadiene	10.51	225	2325	0.273	ng	# 99
12) 2-Methylnaphthalene	11.83	142	8463	0.299	ng	95
16) Acenaphthylene	13.76	152	12885	0.283	ng	99
17) Acenaphthene	14.11	154	7542	0.283	ng	99
18) Fluorene	15.10	166	9613	0.285	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	1680	0.255	ng	96
21) Hexachlorobenzene	16.11	284	3394	0.303	ng	95
22) Pentachlorophenol	16.46	266	1622	0.466	ng	# 65
23) Phenanthrene	16.84	178	15752	0.313	ng	99
24) Anthracene	16.93	178	14641	0.290	ng	100
26) Fluoranthene	18.87	202	20265	0.314	ng	99
28) Pyrene	19.24	202	20735	0.279	ng	99
30) Benzo(a)anthracene	21.00	228	19489	0.269	ng	99
31) Chrysene	21.05	228	18953	0.271	ng	97
32) Bis(2-ethylhexyl)phthalate	20.97	149	17303	0.350	ng	94
33) Indeno(1,2,3-cd)pyrene	25.18	276	26393	0.313	ng	99
35) Benzo(b)fluoranthene	22.50	252	20351	0.283	ng	98
36) Benzo(k)fluoranthene	22.54	252	21702	0.305	ng	96
37) Benzo(a)pyrene	23.03	252	20749	0.303	ng	98
38) Dibenzo(a,h)anthracene	25.20	278	21764	0.318	ng	98
39) Benzo(g,h,i)perylene	25.81	276	22397	0.329	ng	98

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

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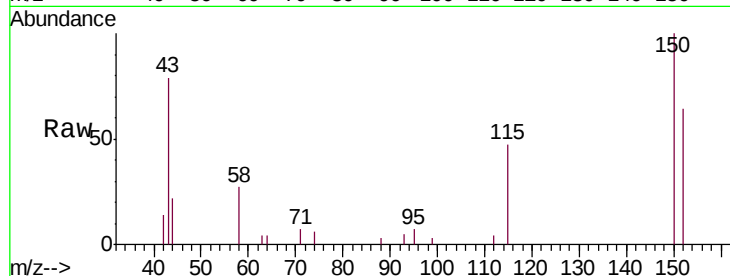


#1

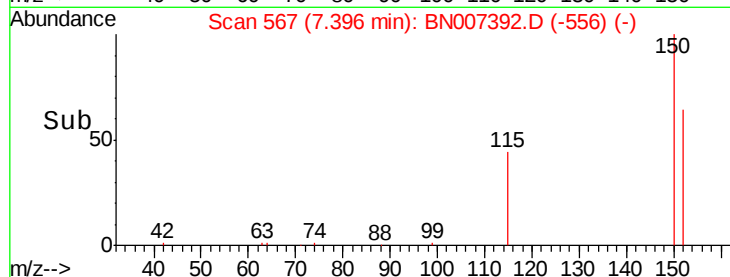
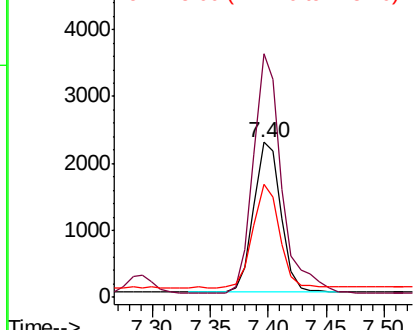
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion: 152 Resp: 3666
Ion Ratio Lower Upper
152 100
150 156.8 109.1 163.7
115 73.1 59.6 89.4



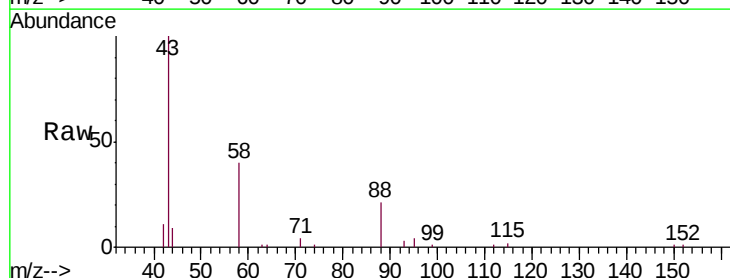
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



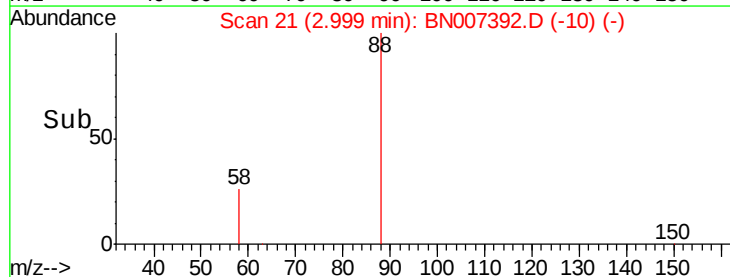
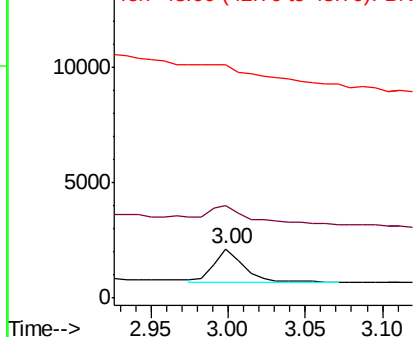
#2

1,4-Dioxane
Concen: 0.311 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion: 88 Resp: 1892
Ion Ratio Lower Upper
88 100
58 82.8 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: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

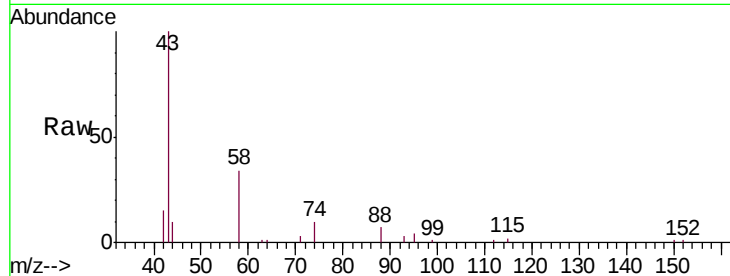
Tgt Ion: 42 Resp: 835

Ion Ratio Lower Upper

42 100

74 209.0 144.7 217.1

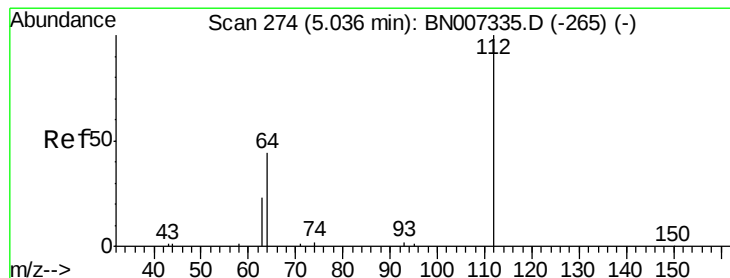
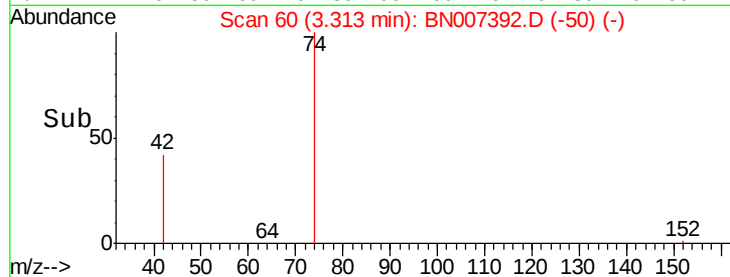
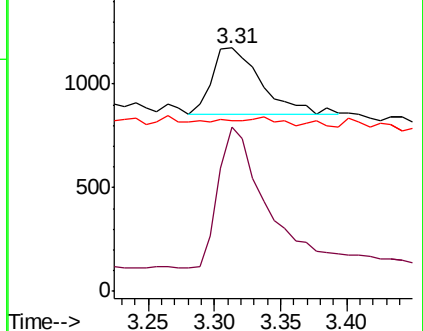
44 5.1 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BN007335.D (-57) (-)

Ion 74.00 (73.70 to 74.70): BN007335.D (-57) (-)

Ion 44.00 (43.70 to 44.70): BN007335.D (-57) (-)



#4

2-Fluorophenol

Concen: 0.285 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

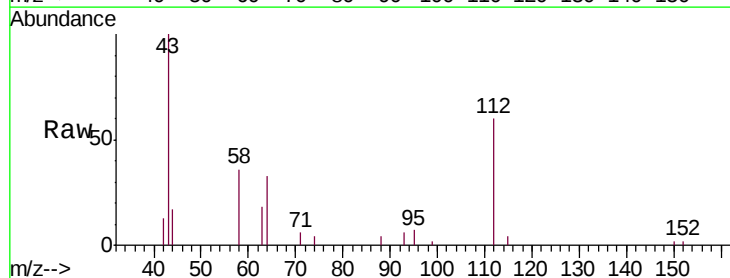
Tgt Ion: 112 Resp: 3734

Ion Ratio Lower Upper

112 100

64 53.2 42.3 63.5

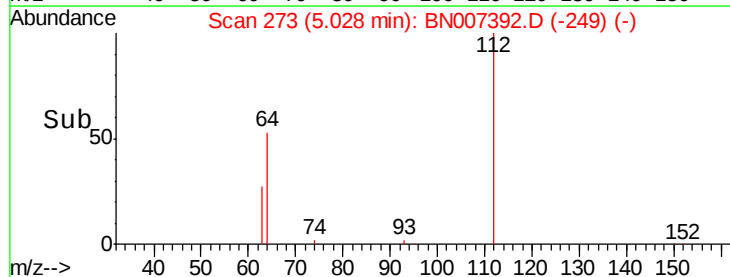
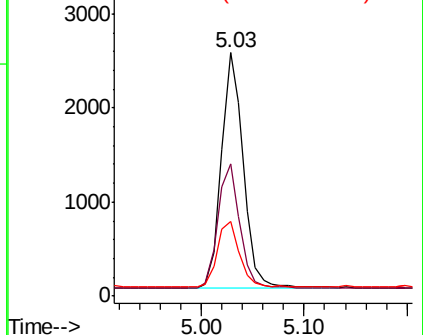
63 28.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BN007335.D (-265) (-)

Ion 64.00 (63.70 to 64.70): BN007335.D (-265) (-)

Ion 63.00 (62.70 to 63.70): BN007335.D (-265) (-)





#5

Phenol-d6

Concen: 0.262 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

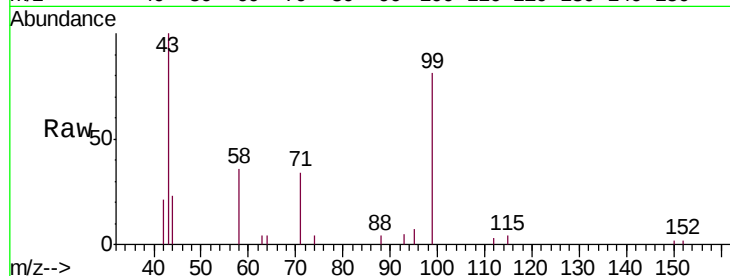
Tgt Ion: 99 Resp: 4415

Ion Ratio Lower Upper

99 100

42 12.9 11.2 16.8

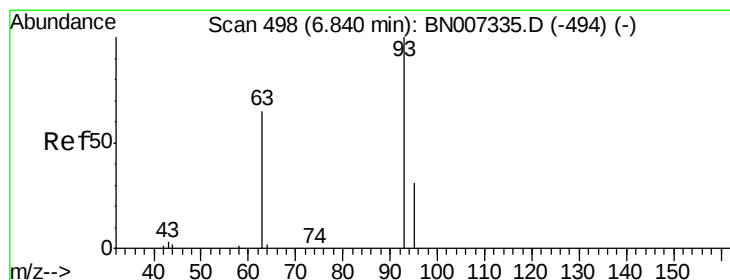
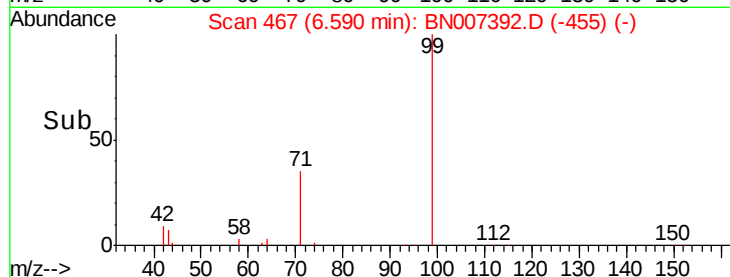
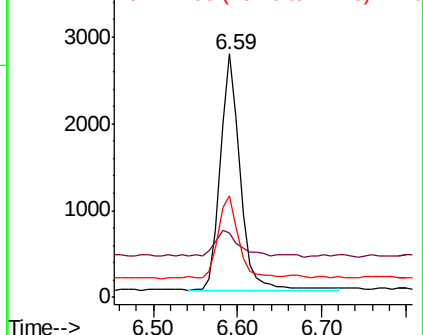
71 36.9 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007392.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007392.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007392.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.283 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

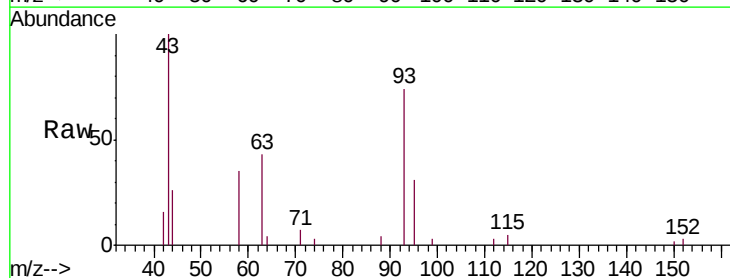
Tgt Ion: 93 Resp: 3753

Ion Ratio Lower Upper

93 100

63 63.1 51.9 77.9

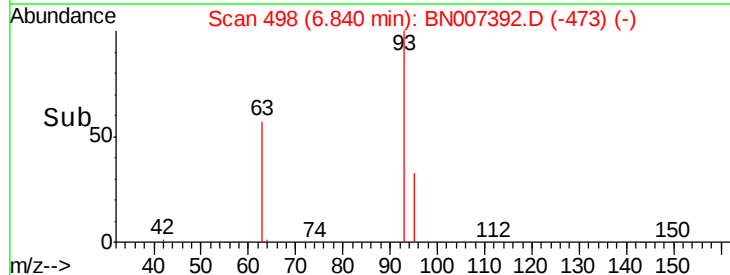
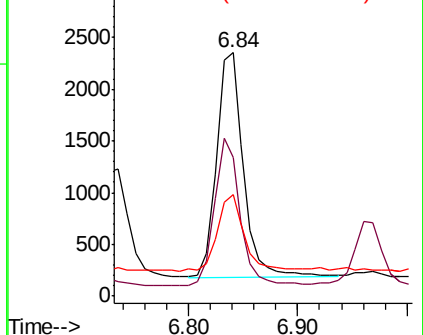
95 34.1 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007392.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007392.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007392.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

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Tgt Ion:136 Resp: 14557

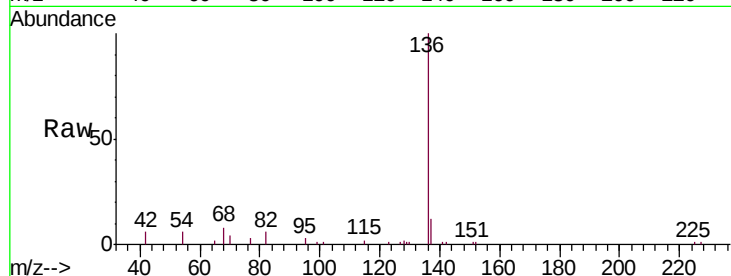
Ion Ratio Lower Upper

136 100

137 12.0 12.9 19.3#

54 6.0 8.6 12.8#

68 8.1 17.0 25.4#

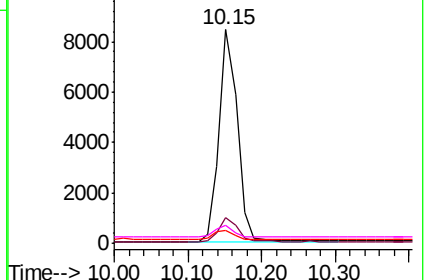
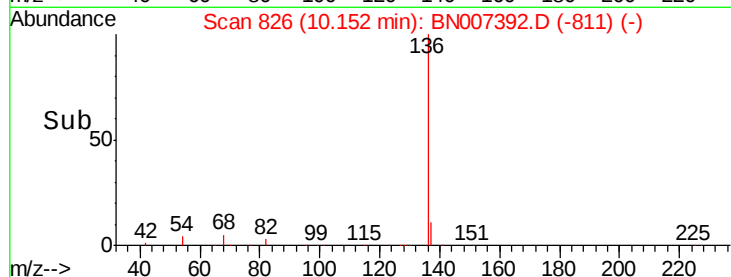


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.020 ng

RT: 8.45 min Scan# 692

Delta R.T. -0.08 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

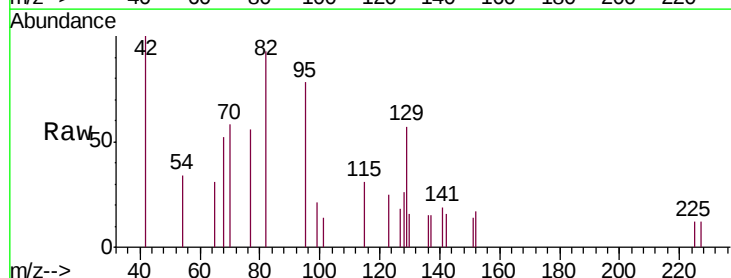
Tgt Ion: 82 Resp: 251

Ion Ratio Lower Upper

82 100

128 27.9 19.7 29.5

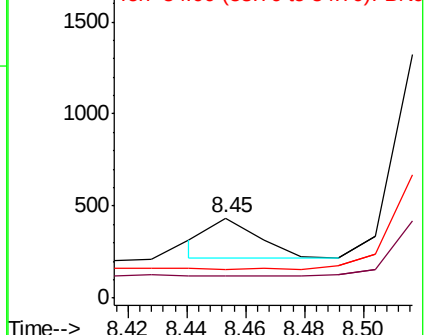
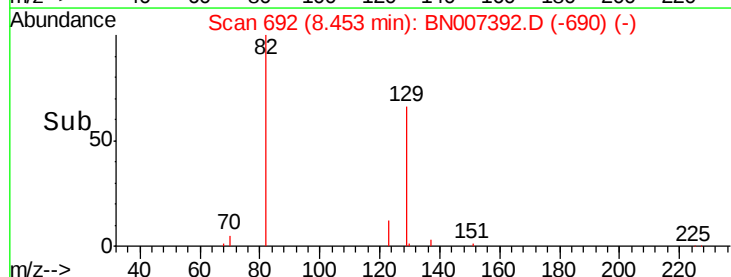
54 36.2 25.8 38.6



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: 0.302 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

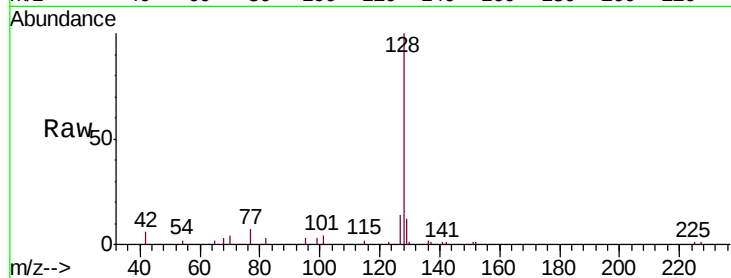
Tgt Ion:128 Resp: 12552

Ion Ratio Lower Upper

128 100

129 11.9 11.1 16.7

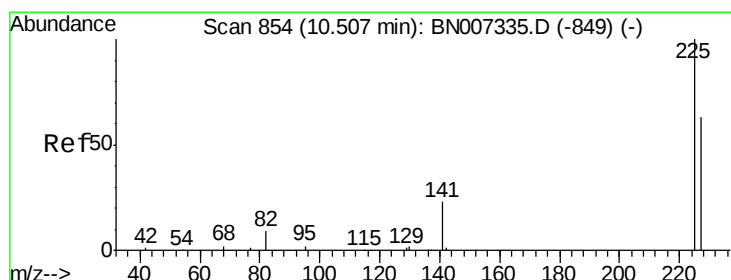
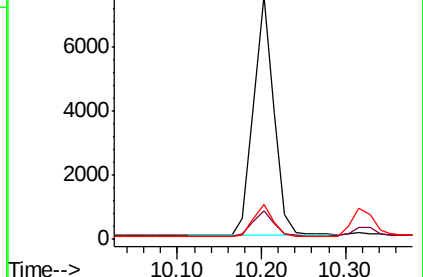
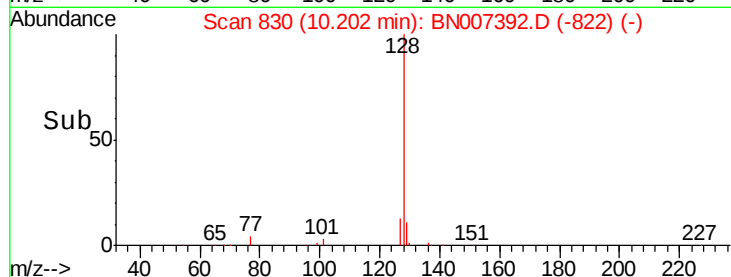
127 14.4 15.5 23.3#



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: 0.273 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

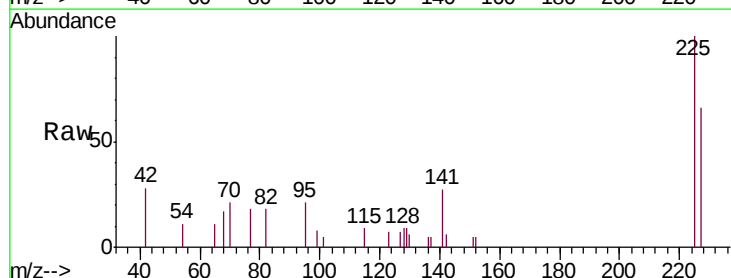
Tgt Ion:225 Resp: 2325

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

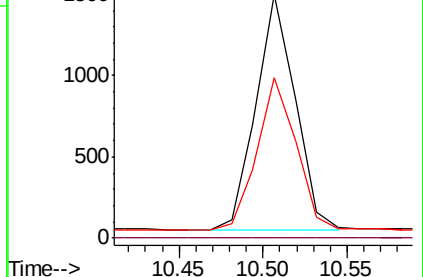
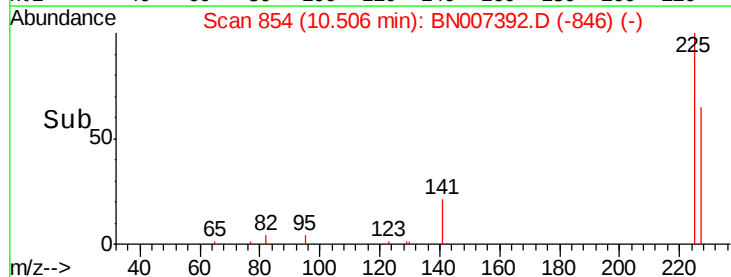
227 64.4 50.7 76.1



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: 0.307 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

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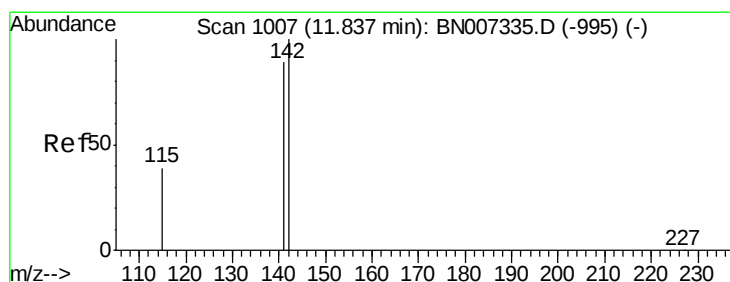
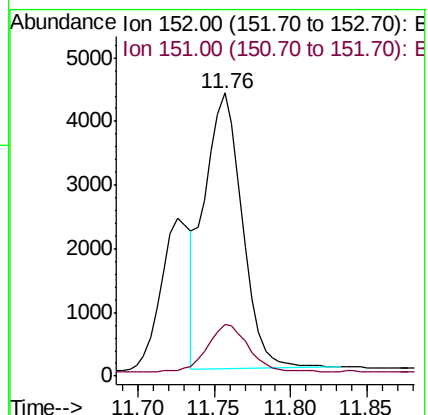
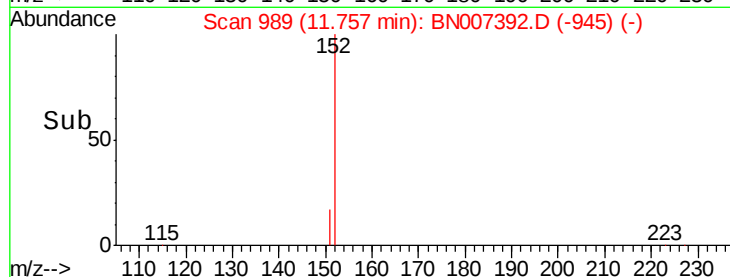
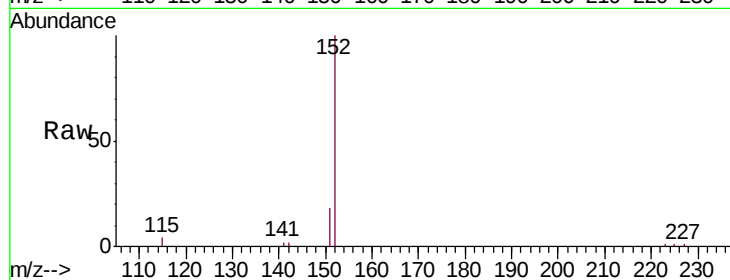
PB122525BS

Tgt Ion:152 Resp: 7428

Ion Ratio Lower Upper

152 100

151 19.2 16.2 24.2



#12

2-Methylnaphthalene

Concen: 0.299 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

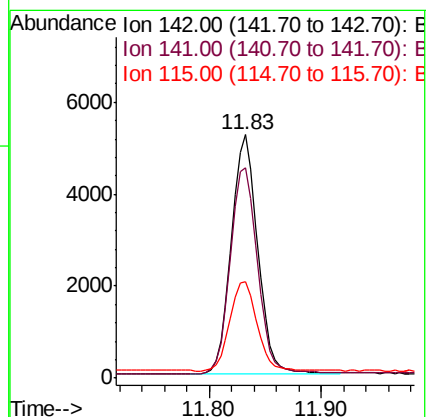
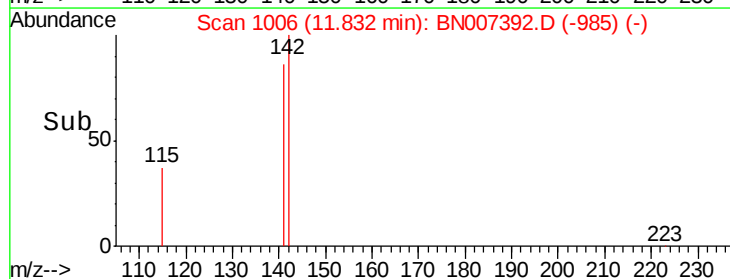
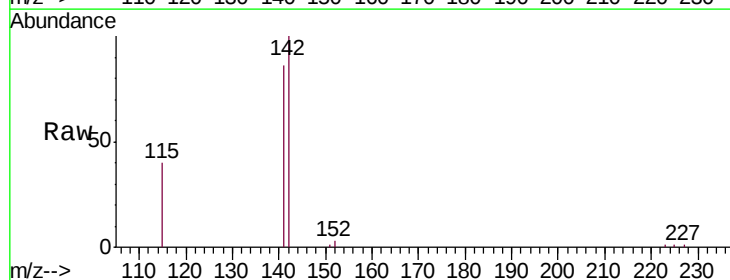
Tgt Ion:142 Resp: 8463

Ion Ratio Lower Upper

142 100

141 86.4 72.8 109.2

115 39.7 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: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

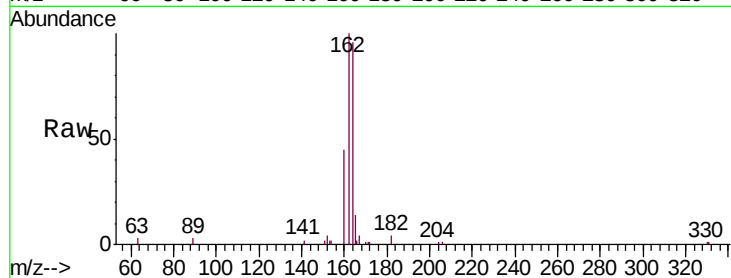
Tgt Ion:164 Resp: 7692

Ion Ratio Lower Upper

164 100

162 104.3 83.5 125.3

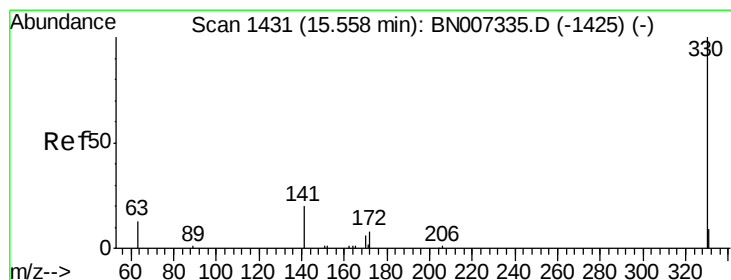
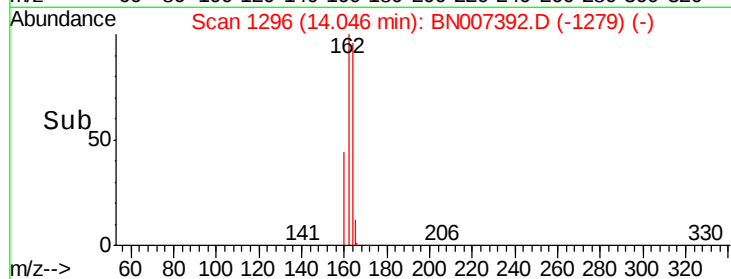
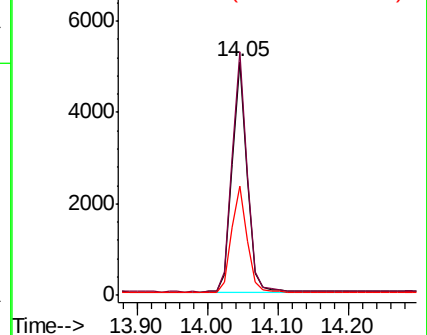
160 46.8 38.2 57.4



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: 0.316 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

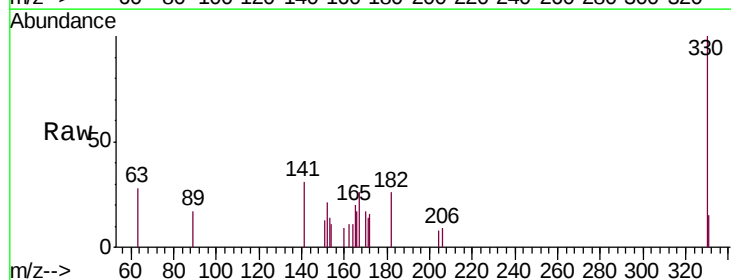
Tgt Ion:330 Resp: 1272

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

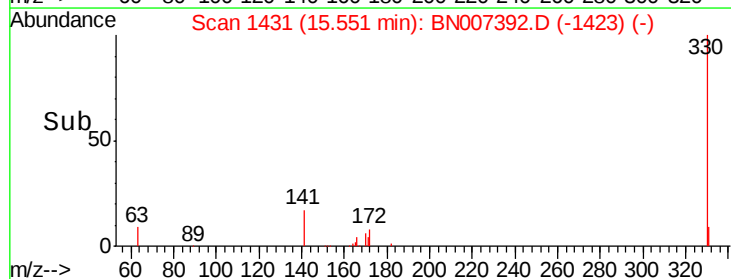
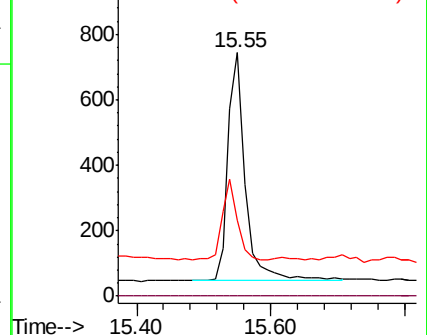
141 31.1 26.9 40.3



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

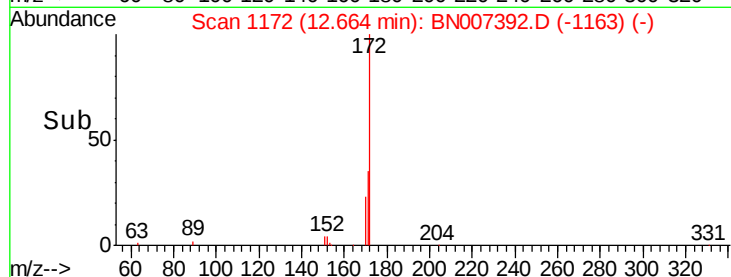
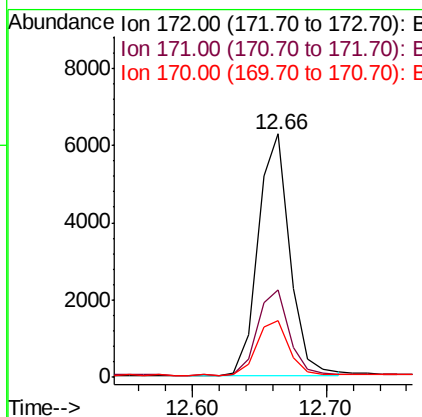
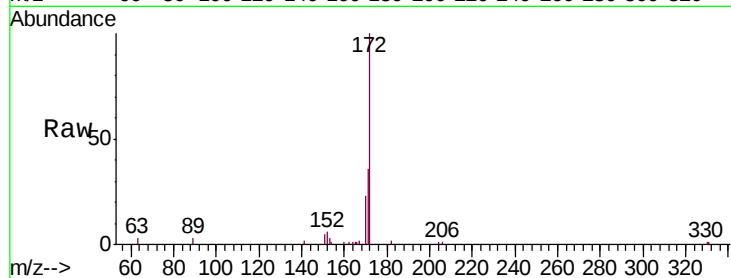




#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

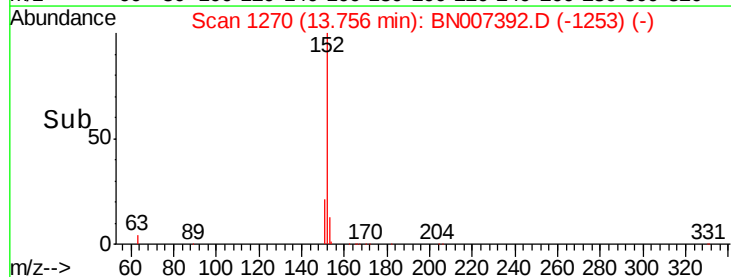
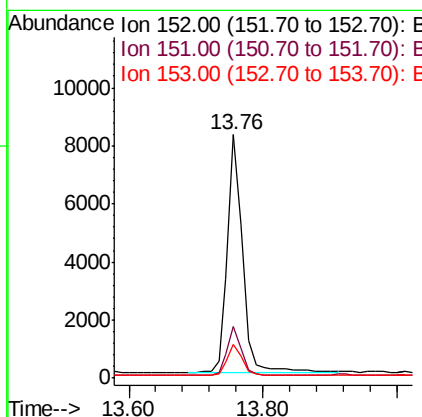
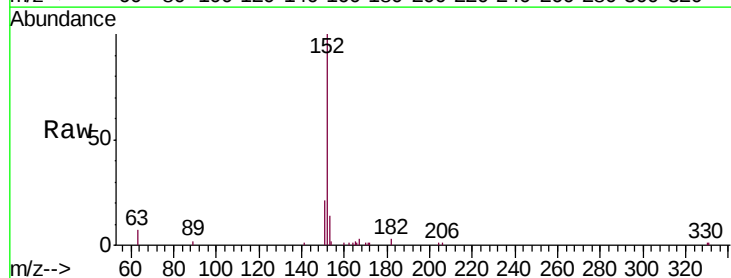
Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:172 Resp: 10289
Ion Ratio Lower Upper
172 100
171 35.8 30.3 45.5
170 23.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.283 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007392.D
Acq: 25 Aug 2019 13:04

Tgt Ion:152 Resp: 12885
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.8 10.6 15.8





#17

Acenaphthene

Concen: 0.283 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

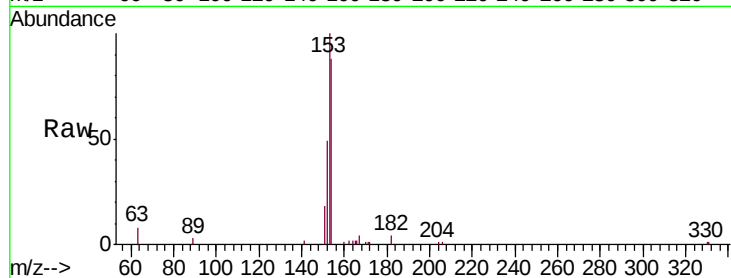
Tgt Ion:154 Resp: 7542

Ion Ratio Lower Upper

154 100

153 116.0 92.8 139.2

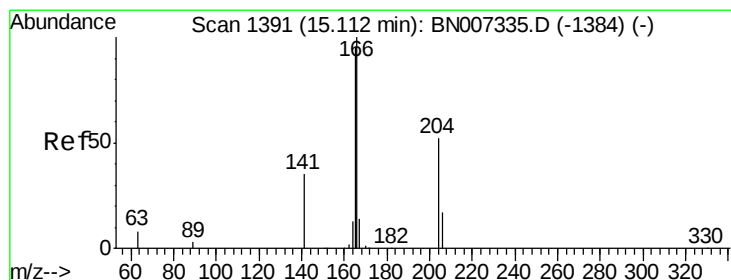
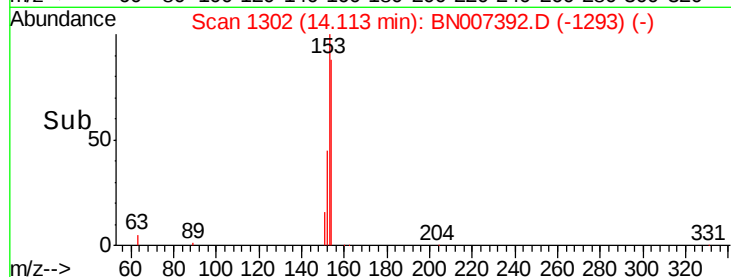
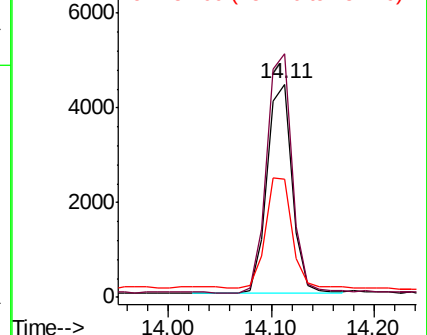
152 56.3 43.8 65.8



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: 0.285 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

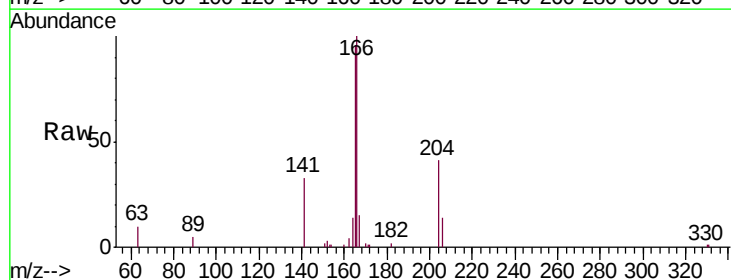
Tgt Ion:166 Resp: 9613

Ion Ratio Lower Upper

166 100

165 96.7 79.0 118.4

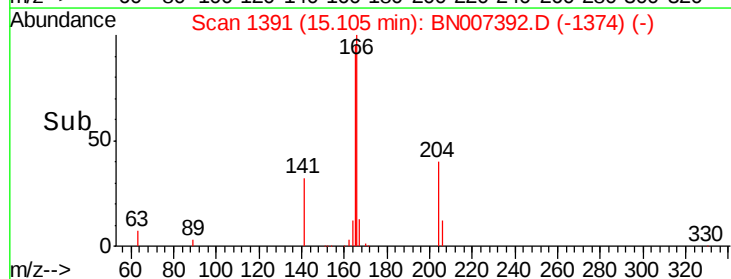
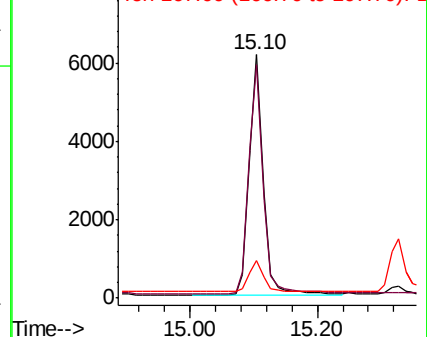
167 13.2 10.6 15.8

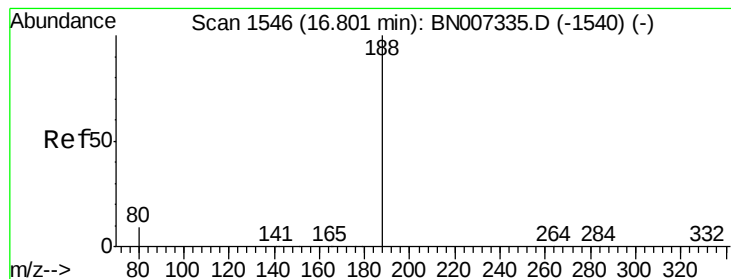


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

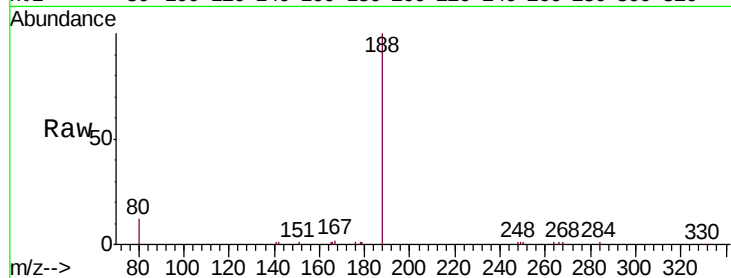
Tgt Ion:188 Resp: 16713

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

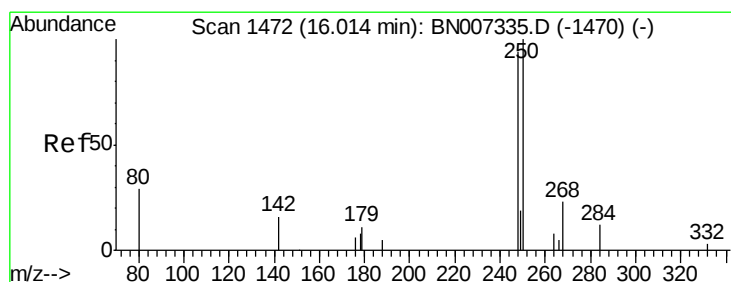
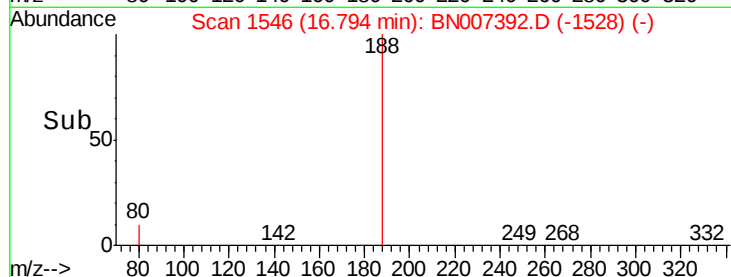
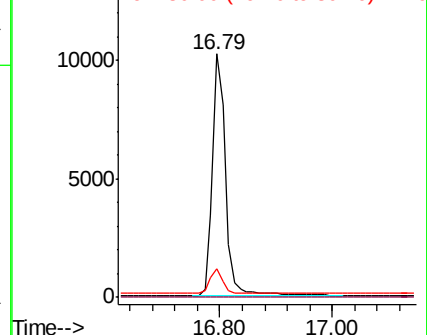
80 12.0 11.8 17.8



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



#20

4-Bromophenyl-phenylether

Concen: 0.255 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

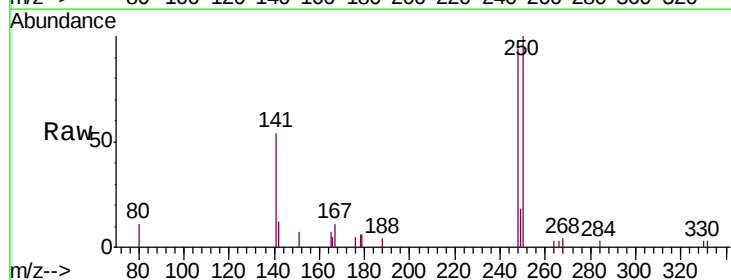
Tgt Ion:248 Resp: 1680

Ion Ratio Lower Upper

248 100

250 105.9 85.0 127.6

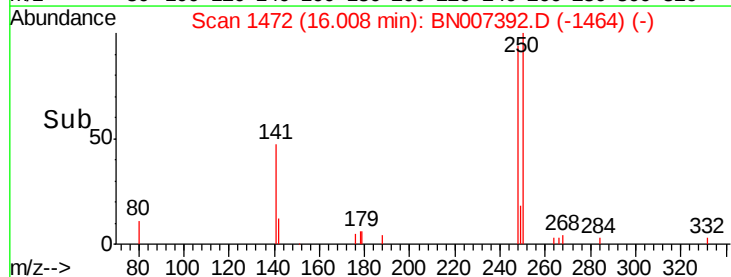
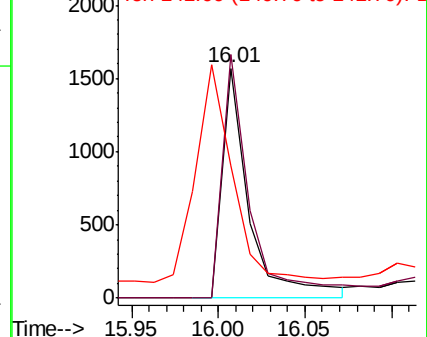
141 57.5 51.7 77.5

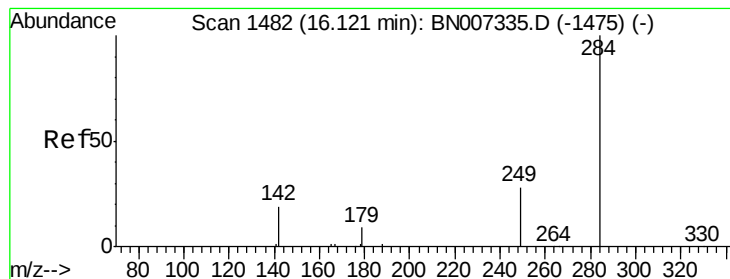


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.303 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

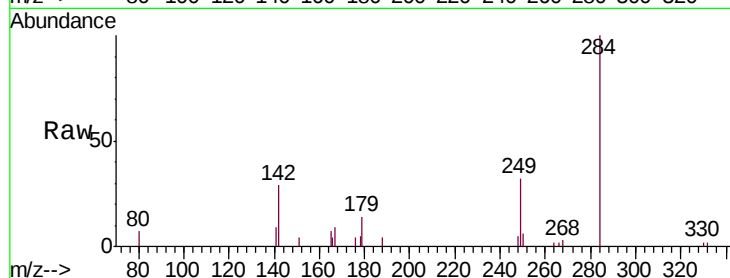
Tgt Ion:284 Resp: 3394

Ion Ratio Lower Upper

284 100

142 32.3 29.0 43.6

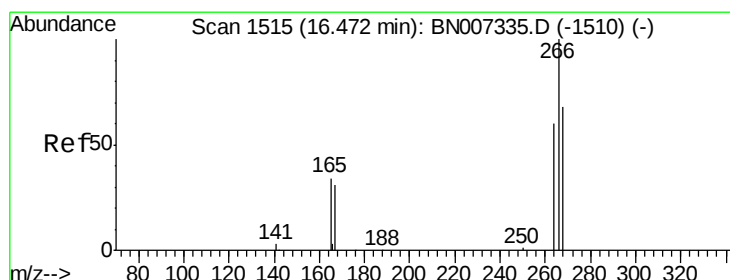
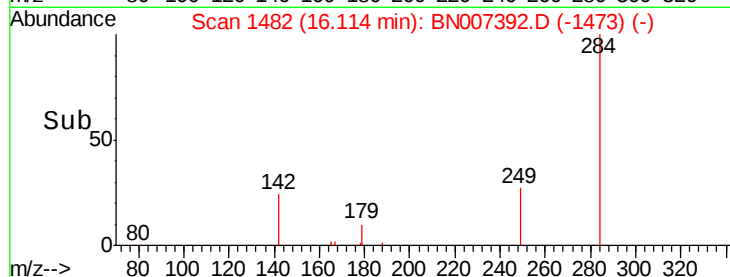
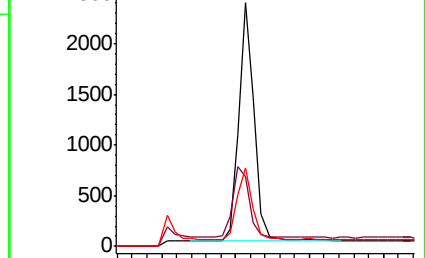
249 30.0 24.9 37.3



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: 0.466 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

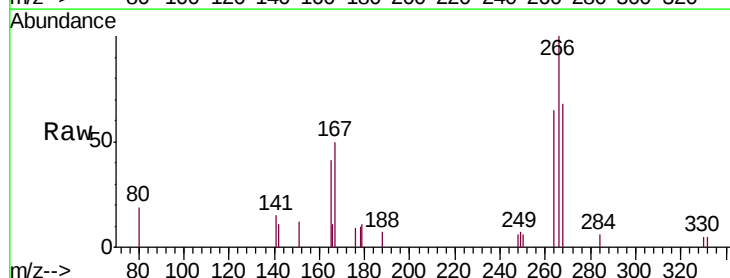
Tgt Ion:266 Resp: 1622

Ion Ratio Lower Upper

266 100

264 64.8 57.8 86.8

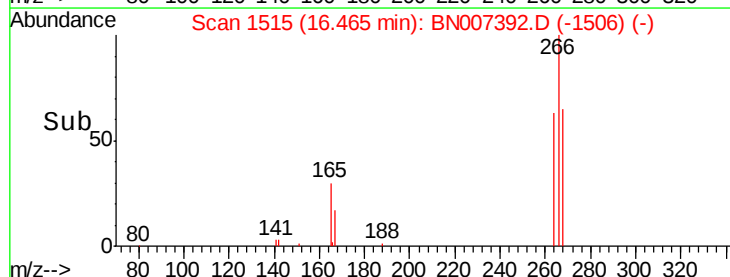
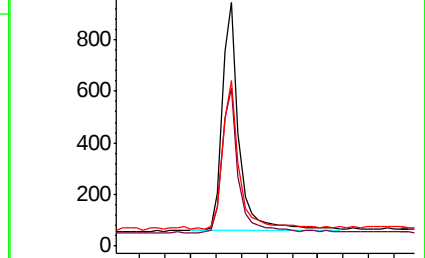
268 68.0 99.7 149.5#



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: 0.313 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

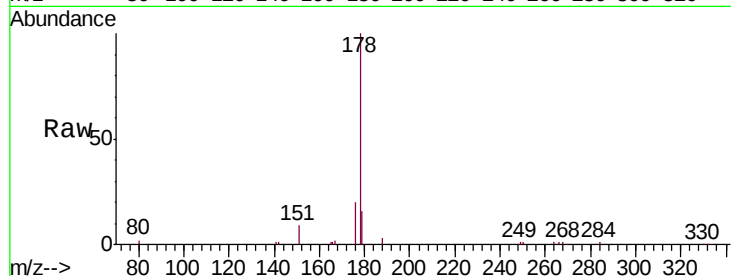
Tgt Ion:178 Resp: 15752

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

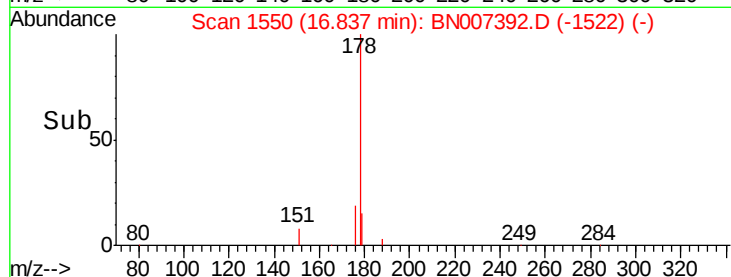
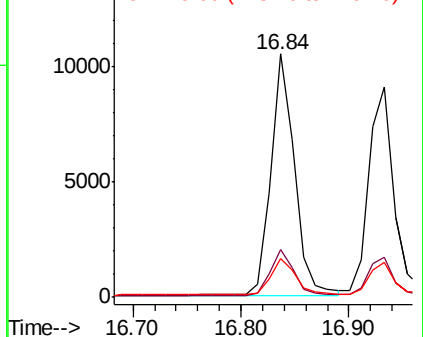
179 16.2 12.6 19.0



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: 0.290 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

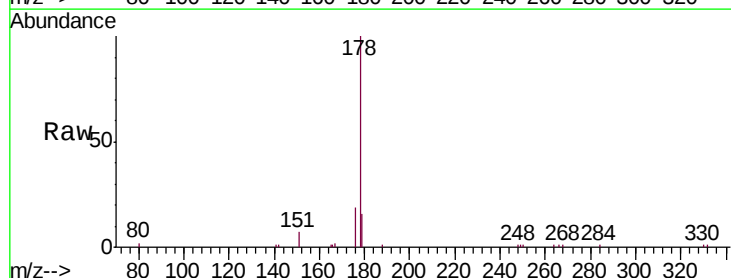
Tgt Ion:178 Resp: 14641

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

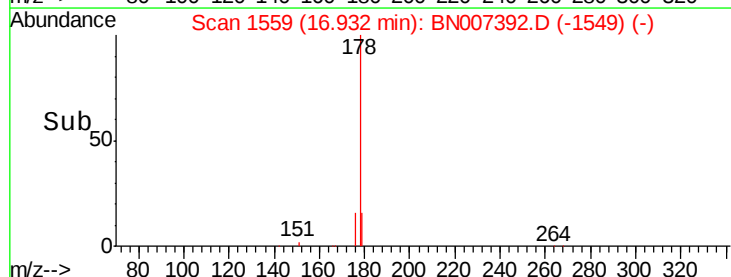
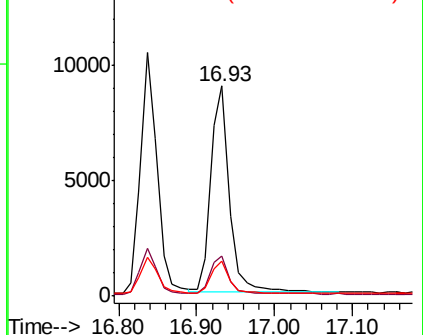
179 15.7 12.4 18.6

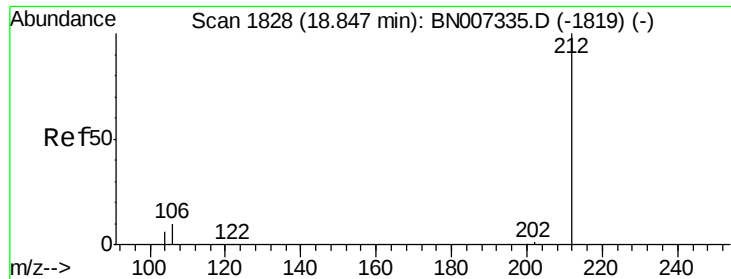


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.304 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

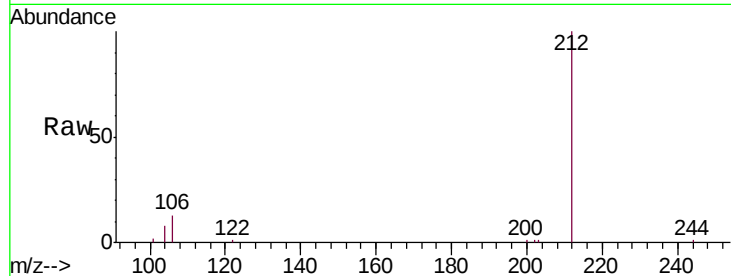
Tgt Ion:212 Resp: 16364

Ion Ratio Lower Upper

212 100

106 10.9 9.0 13.4

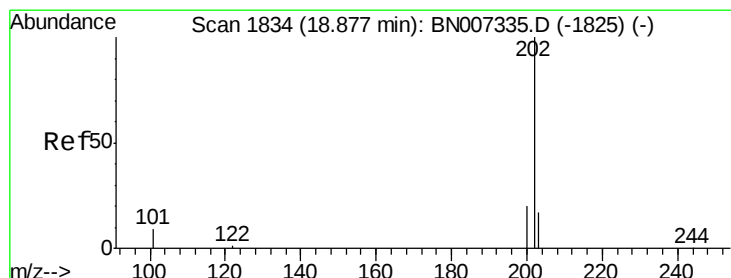
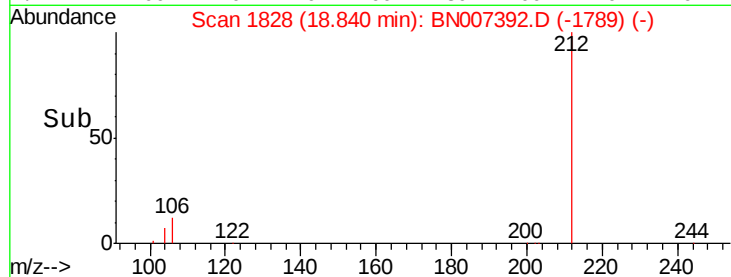
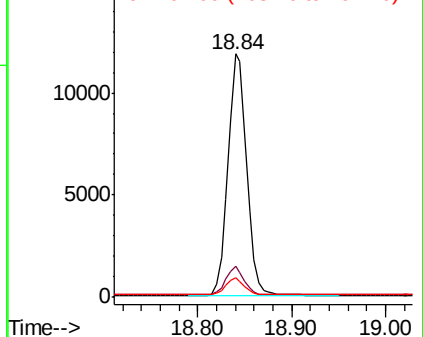
104 6.5 5.4 8.2



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: BN007392.D

Acq: 25 Aug 2019 13:04

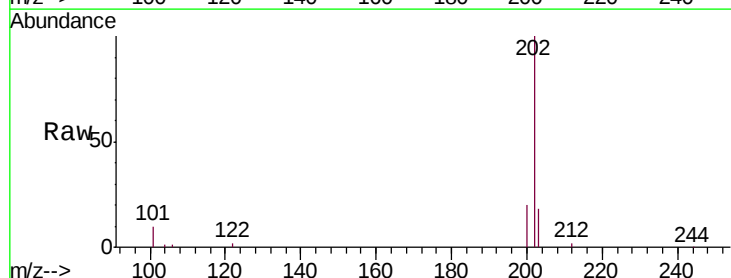
Tgt Ion:202 Resp: 20265

Ion Ratio Lower Upper

202 100

101 10.4 7.7 11.5

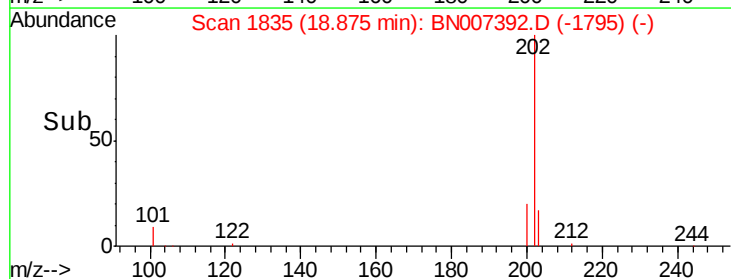
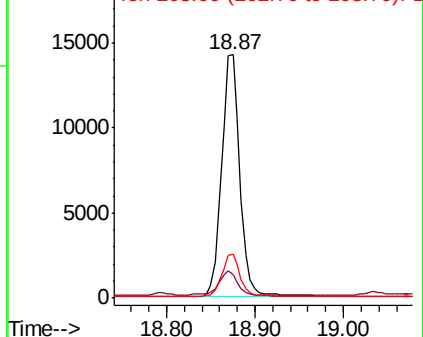
203 17.0 13.7 20.5



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: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

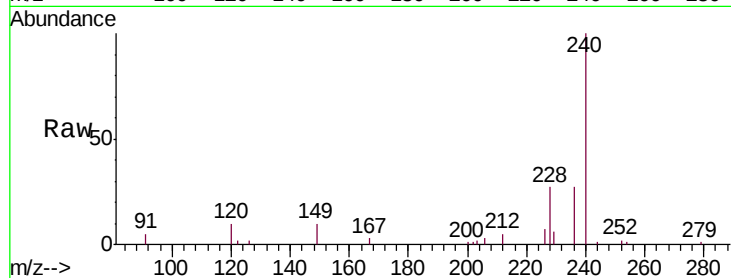
Tgt Ion:240 Resp: 18458

Ion Ratio Lower Upper

240 100

120 9.5 9.6 14.4#

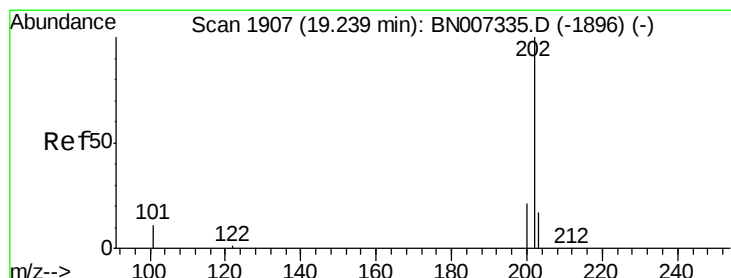
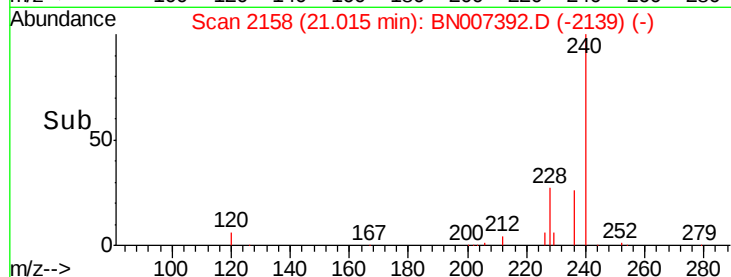
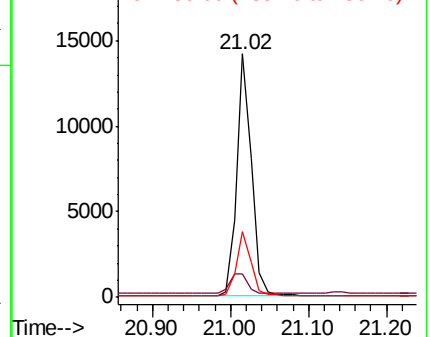
236 26.8 22.2 33.2



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: 0.279 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

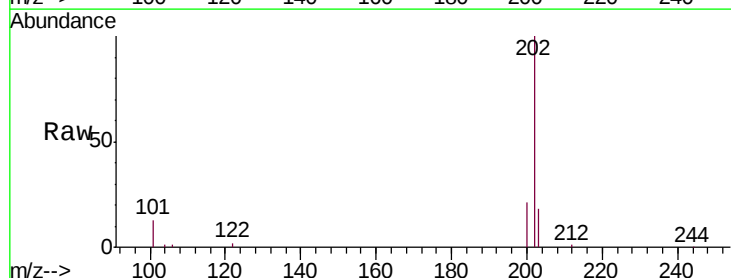
Tgt Ion:202 Resp: 20735

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

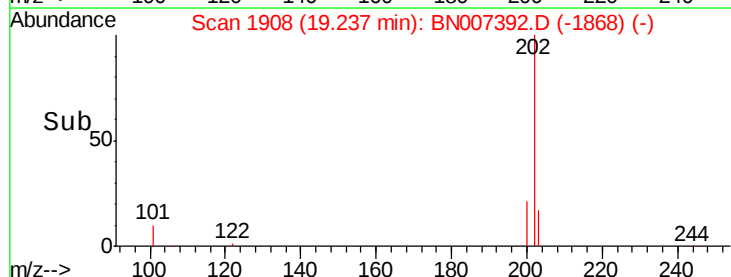
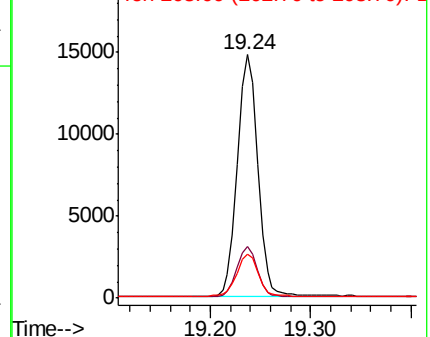
203 18.1 14.2 21.4

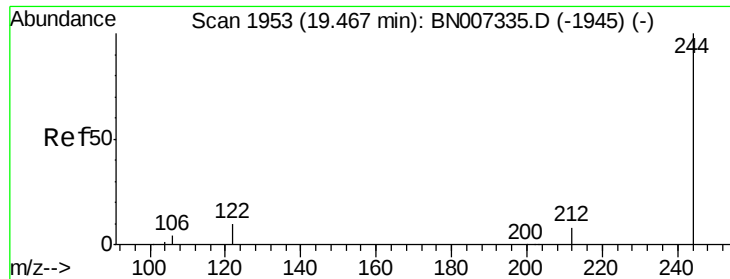


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.276 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

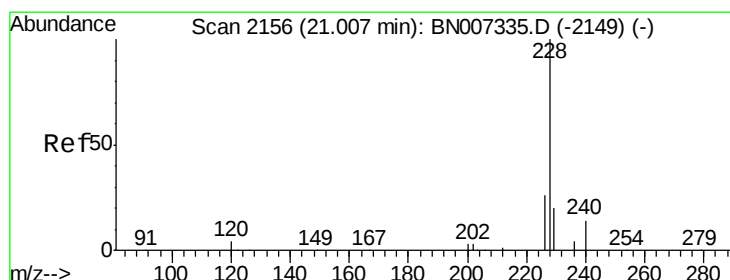
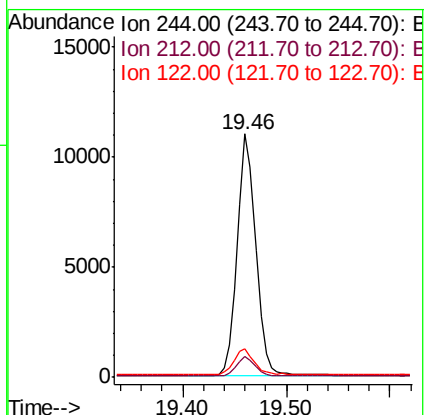
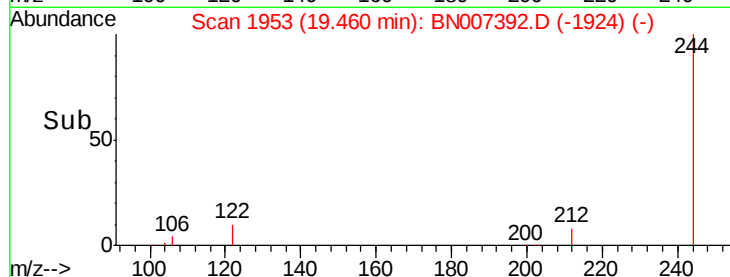
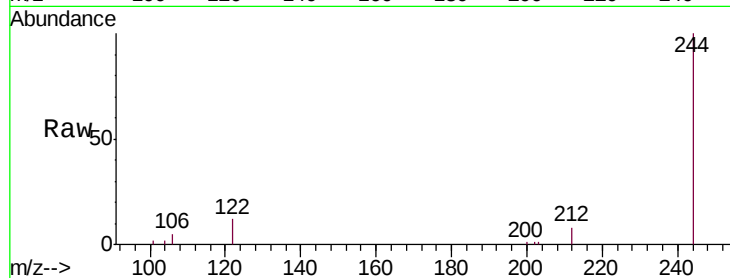
Tgt Ion:244 Resp: 13339

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

122 11.6 9.6 14.4



#30

Benzo(a)anthracene

Concen: 0.269 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

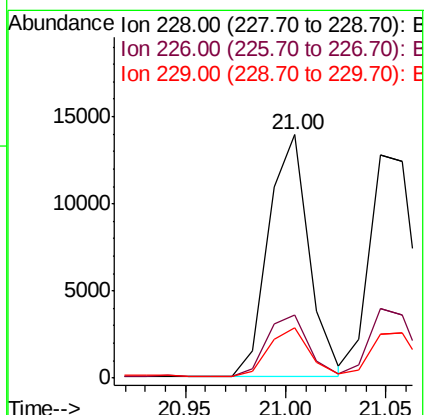
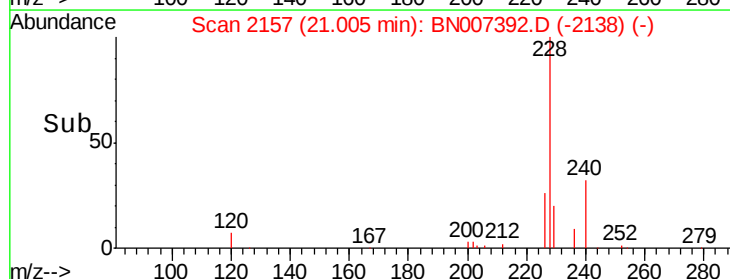
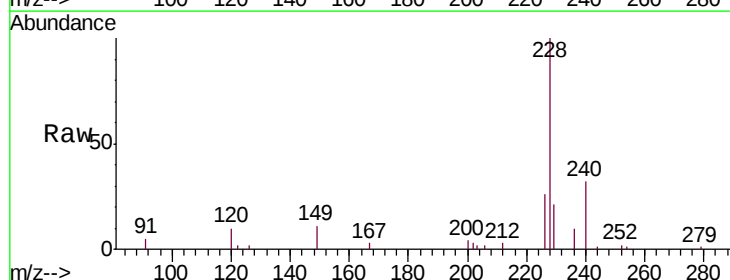
Tgt Ion:228 Resp: 19489

Ion Ratio Lower Upper

228 100

226 26.2 21.3 31.9

229 20.7 16.1 24.1





#31

Chrysene

Concen: 0.271 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

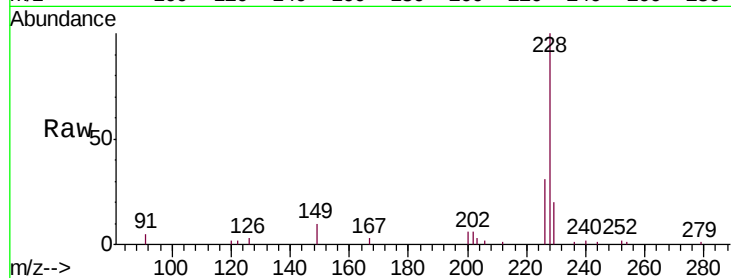
Tgt Ion:228 Resp: 18953

Ion Ratio Lower Upper

228 100

226 31.1 23.5 35.3

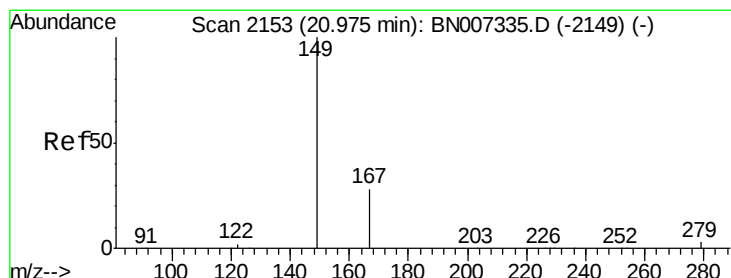
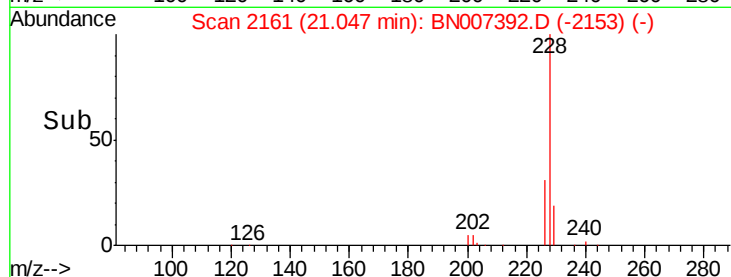
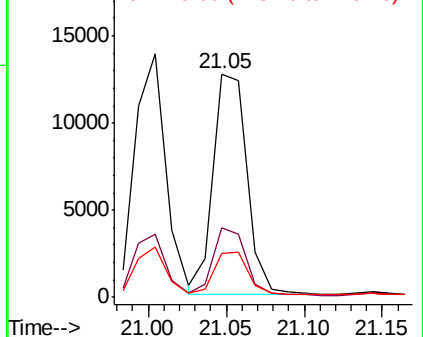
229 19.5 16.6 24.8



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: 0.350 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

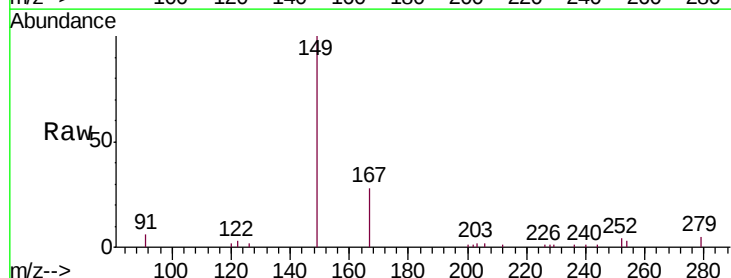
Tgt Ion:149 Resp: 17303

Ion Ratio Lower Upper

149 100

167 24.9 22.8 34.2

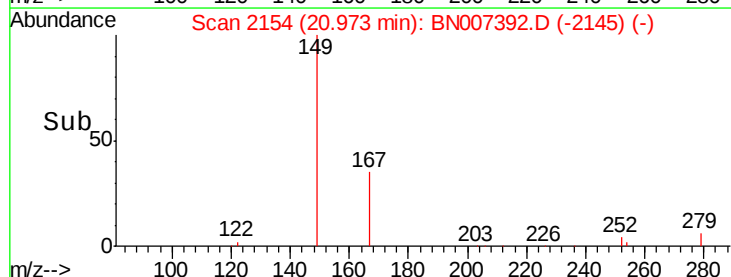
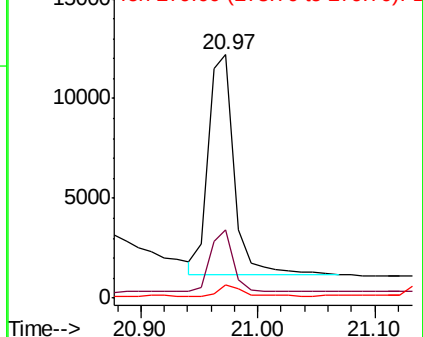
279 4.0 3.5 5.3



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

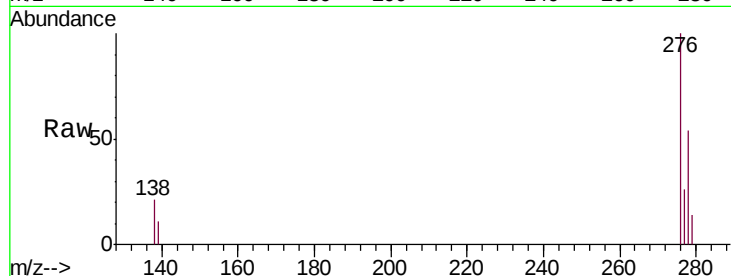




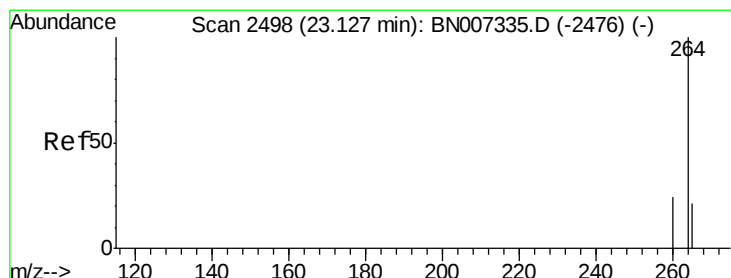
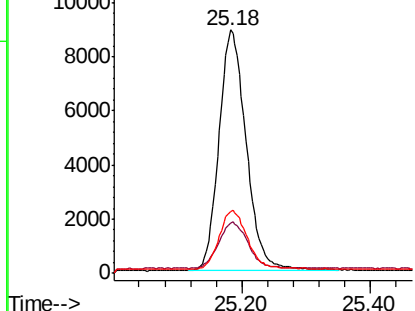
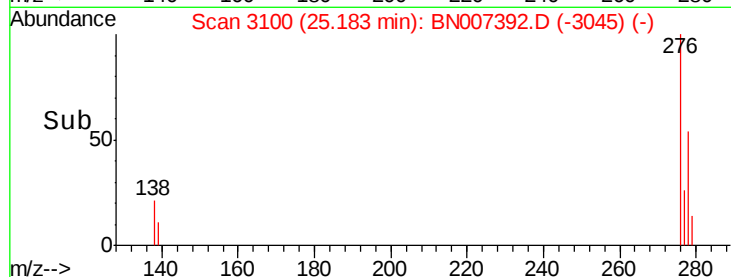
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.313 ng
 RT: 25.18 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BN007392.D
 Acq: 25 Aug 2019 13:04

Instrument :
 BNA_N
 ClientSampleId :
 PB122525BS

Tgt Ion: 276 Resp: 26393
 Ion Ratio Lower Upper
 276 100
 138 20.0 15.1 22.7
 277 24.5 19.7 29.5

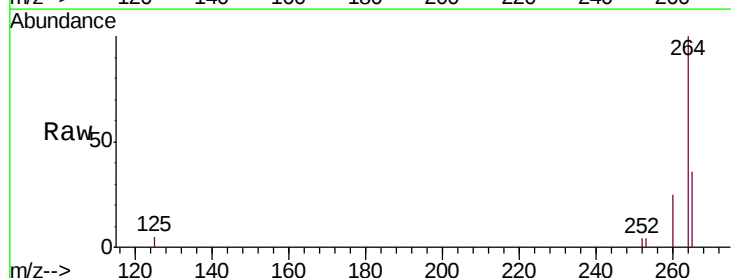


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

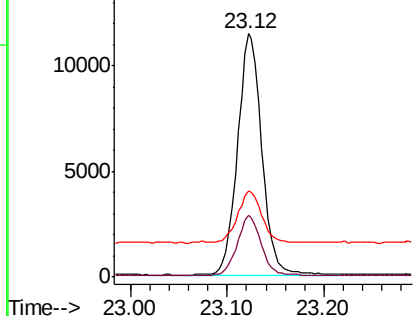
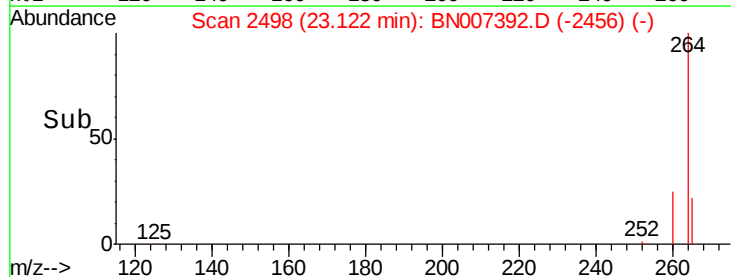


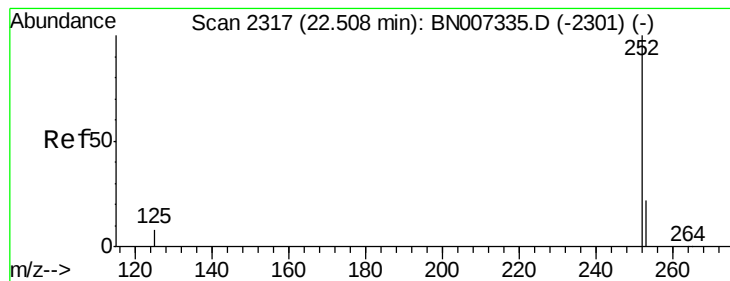
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BN007392.D
 Acq: 25 Aug 2019 13:04

Tgt Ion: 264 Resp: 19869
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 35.6 29.9 44.9



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





#35

Benzo(b)fluoranthene

Concen: 0.283 ng

RT: 22.50 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

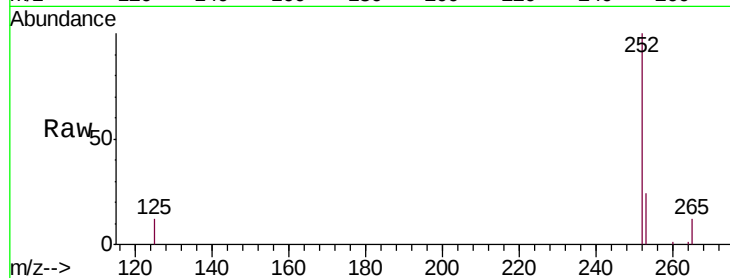
Tgt Ion:252 Resp: 20351

Ion Ratio Lower Upper

252 100

253 24.4 19.2 28.8

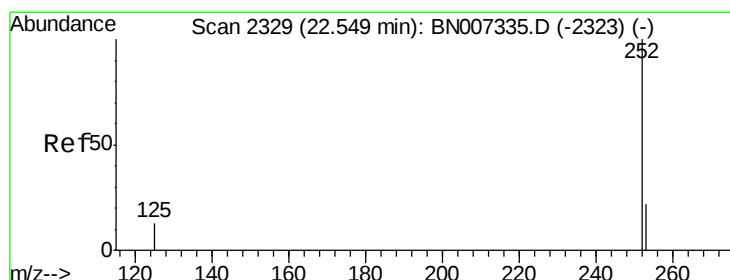
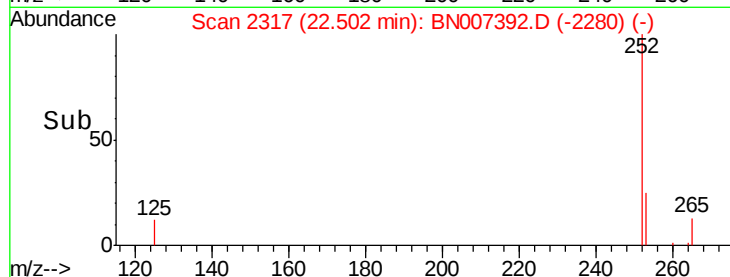
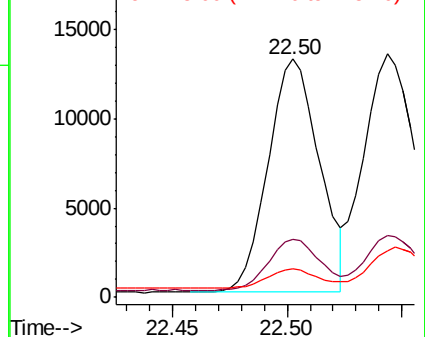
125 12.0 10.6 16.0



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: 0.305 ng

RT: 22.54 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

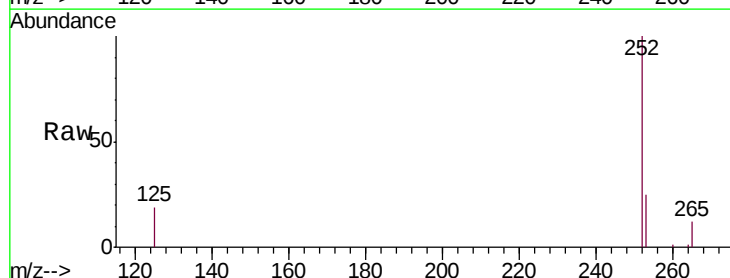
Tgt Ion:252 Resp: 21702

Ion Ratio Lower Upper

252 100

253 25.2 19.4 29.2

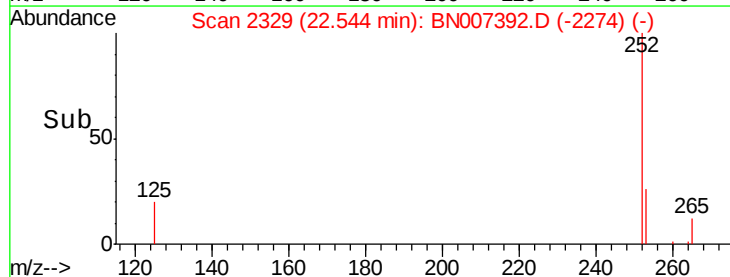
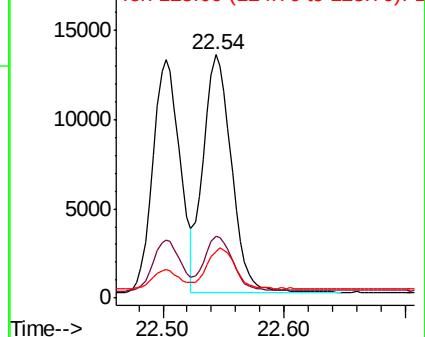
125 19.3 13.1 19.7



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: 0.303 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS

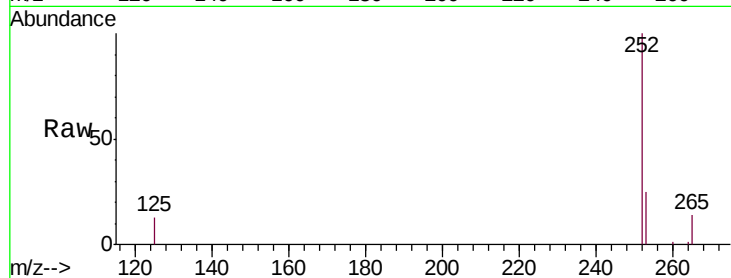
Tgt Ion:252 Resp: 20749

Ion Ratio Lower Upper

252 100

253 24.9 19.5 29.3

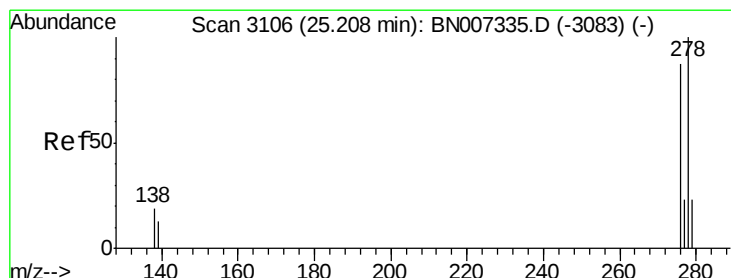
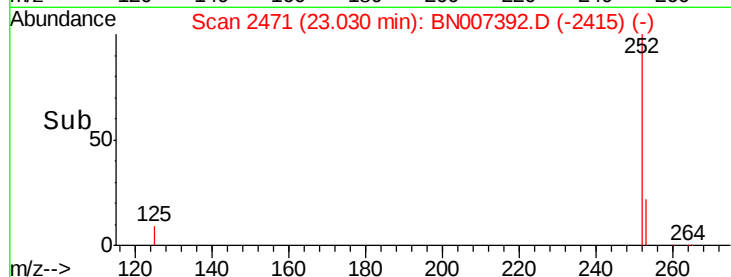
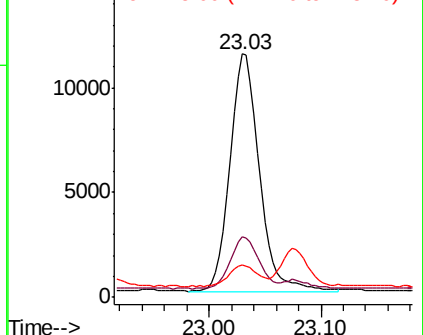
125 13.3 12.1 18.1



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: 0.318 ng

RT: 25.20 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN007392.D

Acq: 25 Aug 2019 13:04

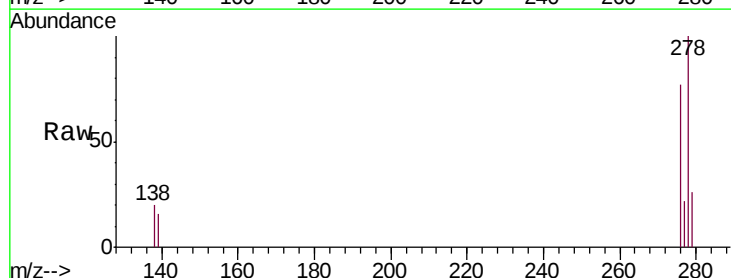
Tgt Ion:278 Resp: 21764

Ion Ratio Lower Upper

278 100

139 15.9 13.7 20.5

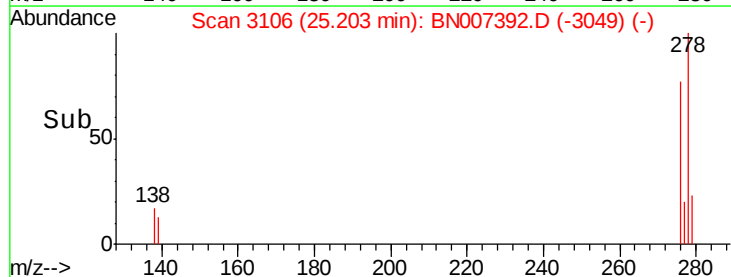
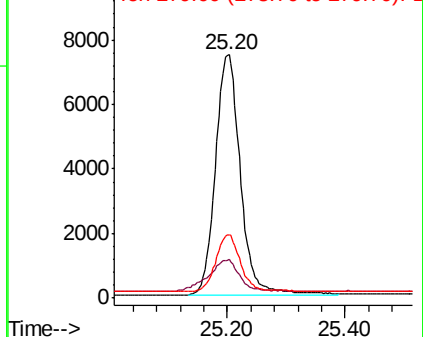
279 26.0 20.2 30.4



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(g,h,i)perylene

Concen: 0.329 ng

RT: 25.81 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BN007392.D

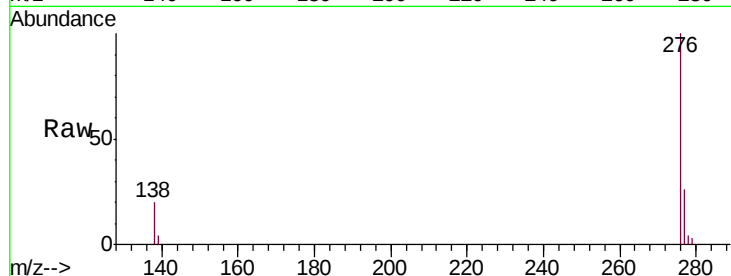
Acq: 25 Aug 2019 13:04

Instrument :

BNA_N

ClientSampleId :

PB122525BS



Tgt Ion: 276 Resp: 22397

Ion Ratio Lower Upper

276 100

277 25.5 19.6 29.4

138 19.6 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

