

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082919\
 Data File : BN007496.D
 Acq On : 29 Aug 2019 10:33
 Operator : HP/JU
 Sample : PB122591BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122591BS

Quant Time: Aug 29 12:30:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5861	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	24233	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	12943	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	32676	0.40	ng	0.00
27) Chrysene-d12	21.02	240	31854	0.40	ng	0.00
34) Perylene-d12	23.13	264	32682	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	6819	0.33	ng	0.00
5) Phenol-d6	6.59	99	8925	0.34	ng	0.00
8) Nitrobenzene-d5	8.53	82	6673	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	14656	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2347	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	17494	0.34	ng	0.00
25) Fluoranthene-d10	18.84	212	34890	0.33	ng	0.00
29) Terphenyl-d14	19.46	244	26161	0.31	ng	0.00

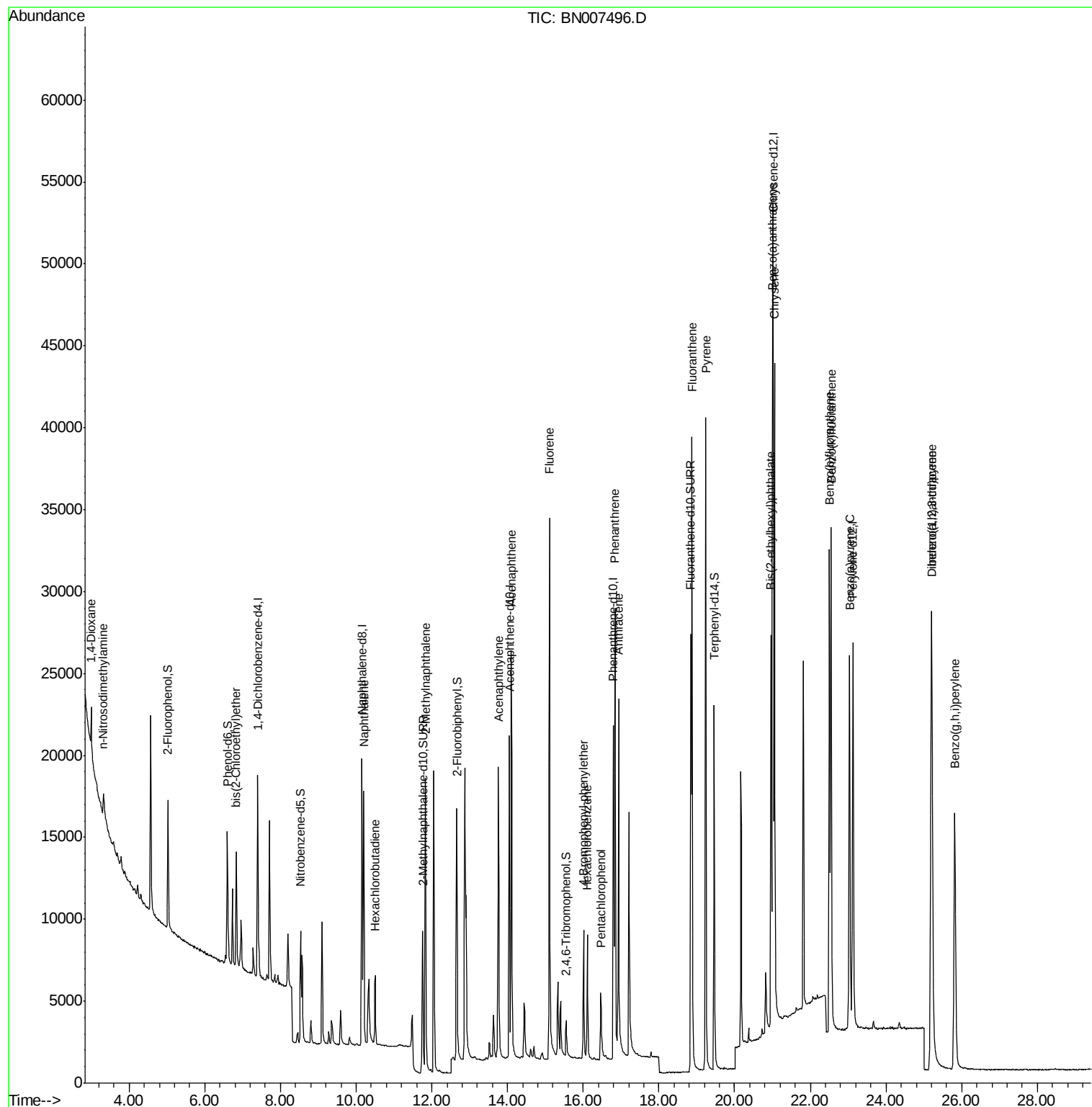
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	2310	0.237	ng	# 71
3) n-Nitrosodimethylamine	3.33	42	1082	0.239	ng	# 58
6) bis(2-Chloroethyl)ether	6.83	93	6542	0.309	ng	96
9) Naphthalene	10.20	128	21743	0.314	ng	# 90
10) Hexachlorobutadiene	10.51	225	3835	0.270	ng	# 99
12) 2-Methylnaphthalene	11.83	142	14689	0.311	ng	96
16) Acenaphthylene	13.76	152	22379	0.292	ng	99
17) Acenaphthene	14.10	154	13907	0.310	ng	98
18) Fluorene	15.10	166	17862	0.315	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	3629	0.282	ng	93
21) Hexachlorobenzene	16.11	284	6669	0.304	ng	96
22) Pentachlorophenol	16.46	266	3204	0.471	ng	# 63
23) Phenanthrene	16.84	178	30216	0.307	ng	99
24) Anthracene	16.93	178	27863	0.282	ng	100
26) Fluoranthene	18.87	202	39274	0.311	ng	99
28) Pyrene	19.24	202	39907	0.311	ng	99
30) Benzo(a)anthracene	21.00	228	35563	0.284	ng	99
31) Chrysene	21.06	228	39047	0.323	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	18094	0.205	ng	100
33) Indeno(1,2,3-cd)pyrene	25.20	276	39940	0.275	ng	98
35) Benzo(b)fluoranthene	22.51	252	36594	0.309	ng	97
36) Benzo(k)fluoranthene	22.55	252	40193	0.343	ng	# 94
37) Benzo(a)pyrene	23.04	252	36052	0.320	ng	97
38) Dibenzo(a,h)anthracene	25.21	278	32467	0.289	ng	98
39) Benzo(g,h,i)perylene	25.82	276	33971	0.303	ng	99

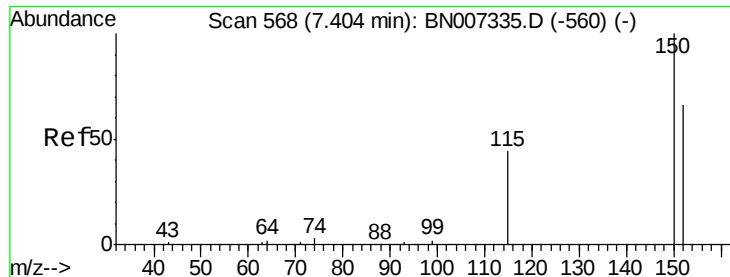
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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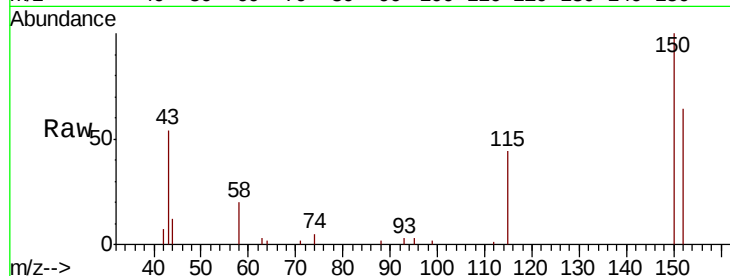


#1

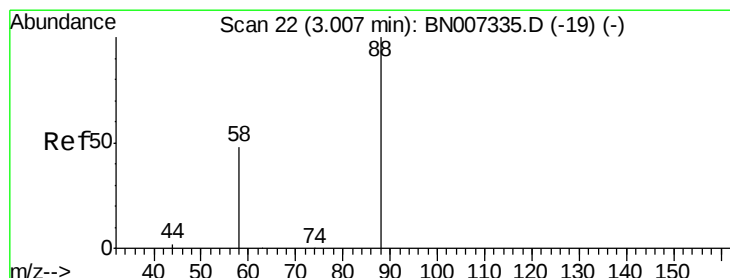
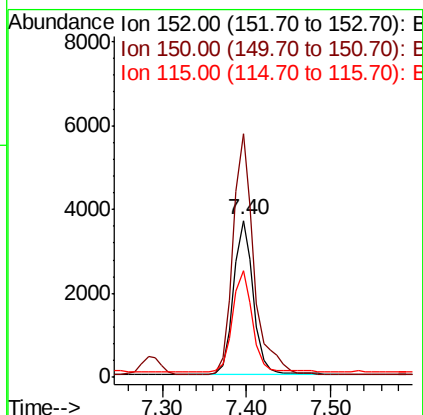
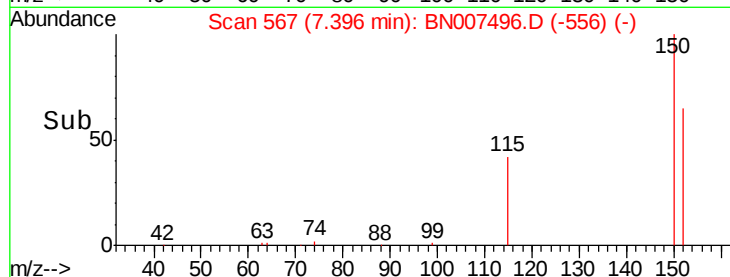
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007496.D
Acq: 29 Aug 2019 10:33

Instrument :
BNA_N
ClientSampleId :
PB122591BS

Tot Ion:152 Resp: 5861
Ion Ratio Lower Upper
152 100
150 155.4 109.1 163.7
115 68.2 59.6 89.4



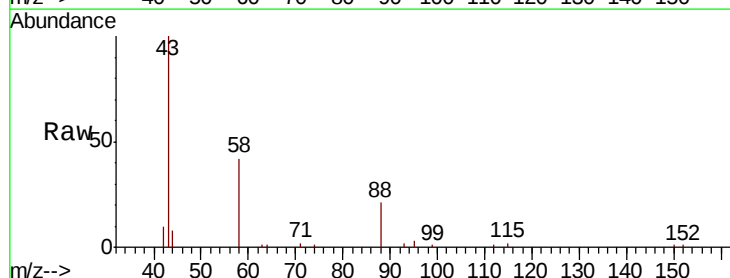
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



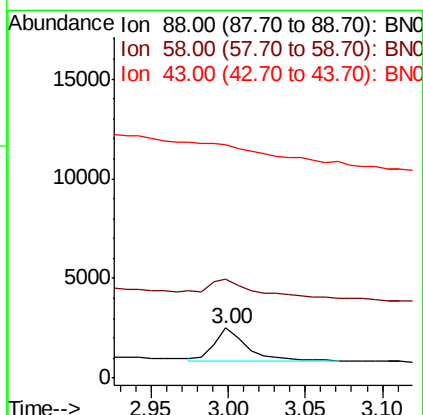
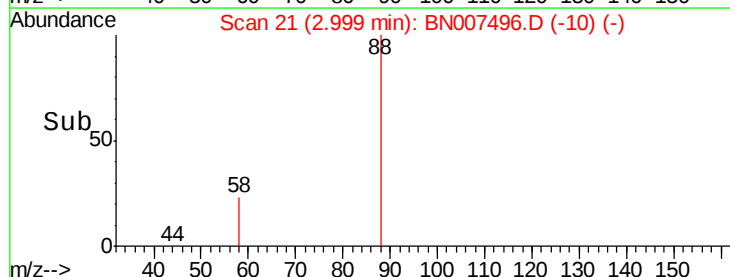
#2

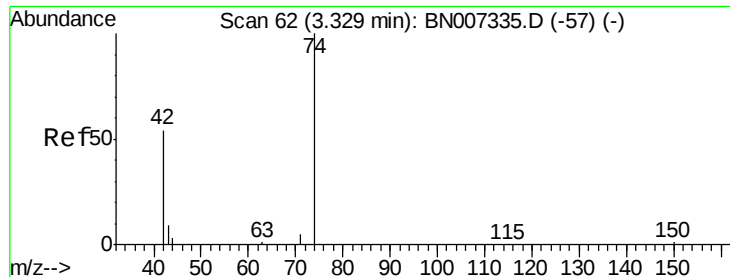
1,4-Dioxane
Concen: 0.237 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007496.D
Acq: 29 Aug 2019 10:33

Tgt Ion: 88 Resp: 2310
Ion Ratio Lower Upper
88 100
58 85.5 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: 0.239 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

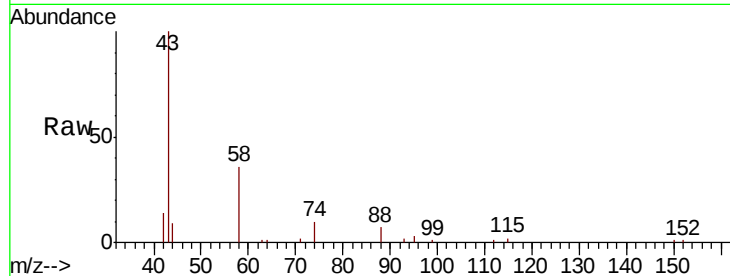
Tot Ion: 42 Resp: 1082

Ion Ratio Lower Upper

42 100

74 241.9 144.7 217.1#

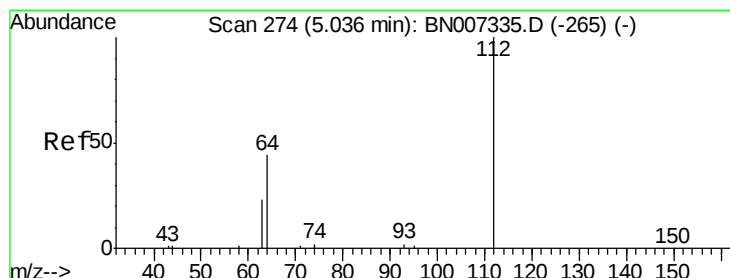
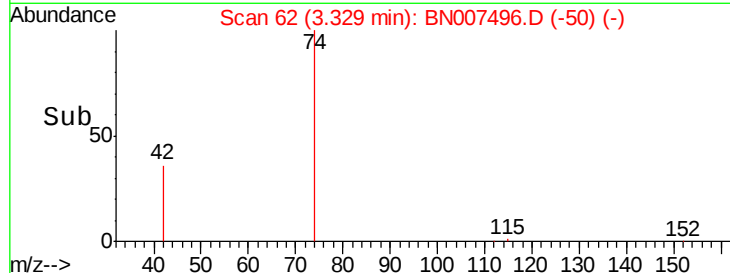
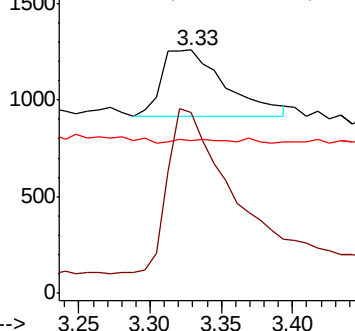
44 4.0 3.2 4.8



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: 0.330 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

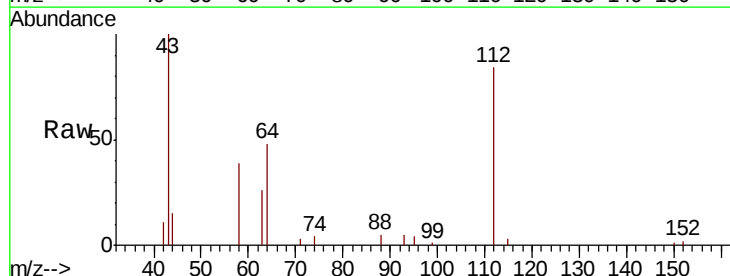
Tgt Ion: 112 Resp: 6819

Ion Ratio Lower Upper

112 100

64 52.9 42.3 63.5

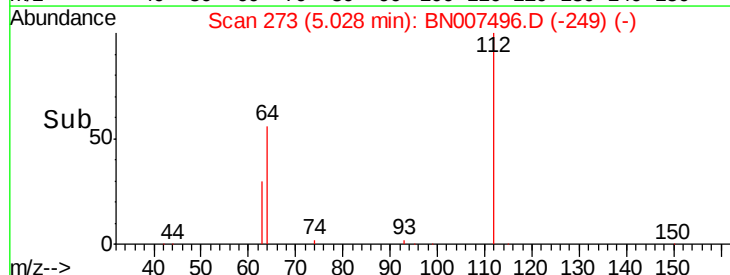
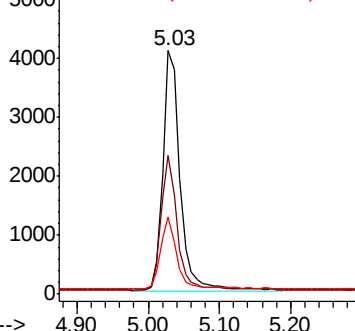
63 28.1 23.6 35.4

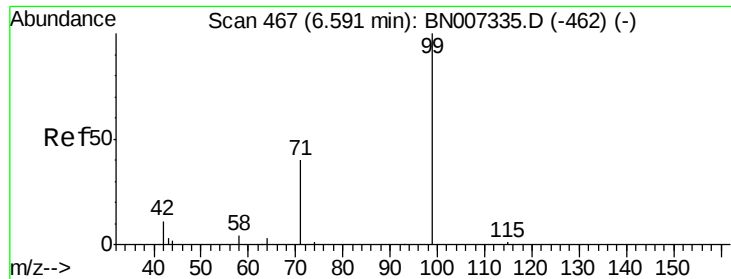


Abundance Ion 112.00 (111.70 to 112.70): BN007335.D (-265) (-)

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: 0.341 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

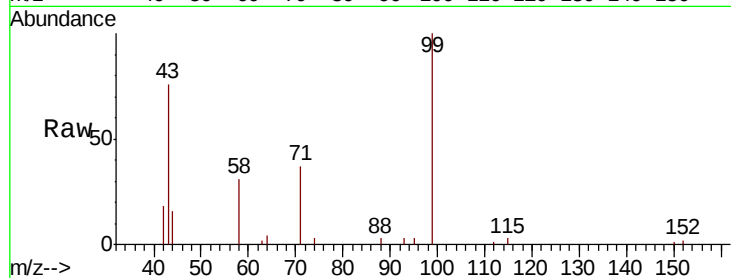
Tot Ion: 99 Resp: 8925

Ion Ratio Lower Upper

99 100

42 11.4 11.2 16.8

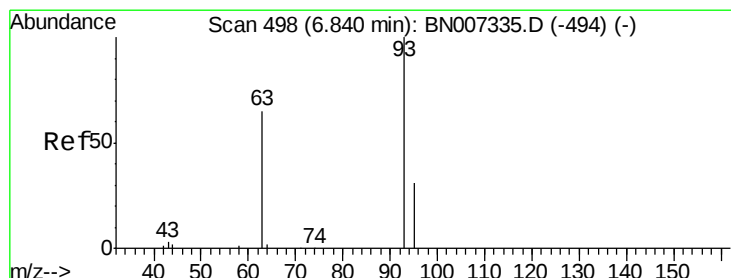
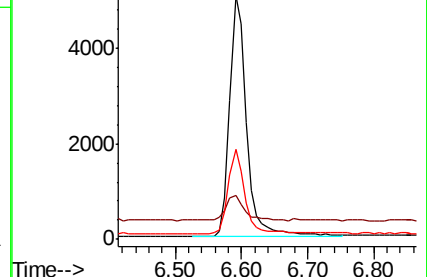
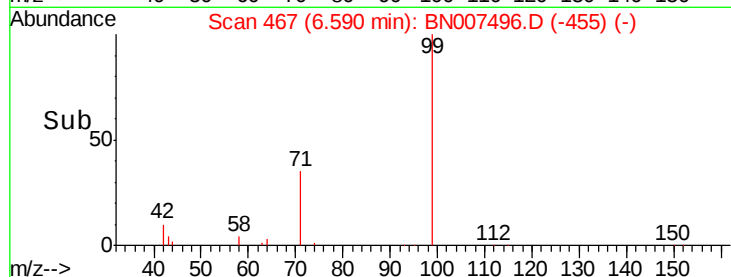
71 34.0 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007496.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007496.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007496.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.309 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

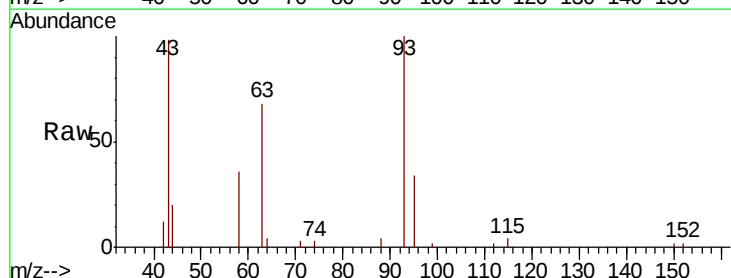
Tgt Ion: 93 Resp: 6542

Ion Ratio Lower Upper

93 100

63 61.8 51.9 77.9

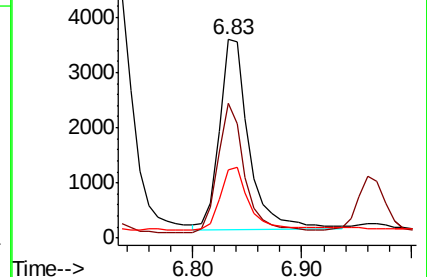
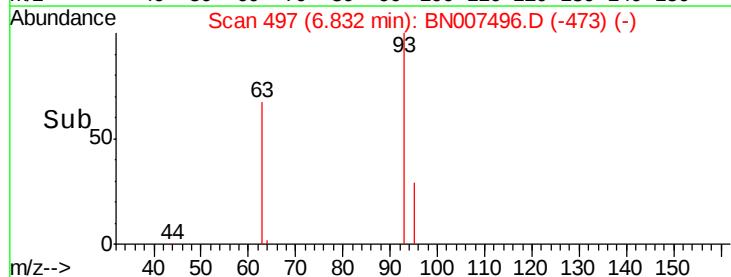
95 31.9 27.7 41.5

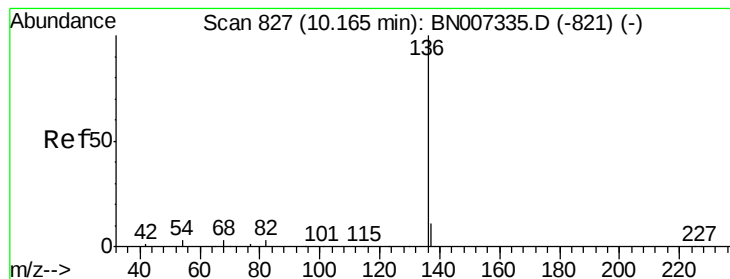


Abundance Ion 93.00 (92.70 to 93.70): BN007496.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007496.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007496.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

Tot Ion:136 Resp: 24233

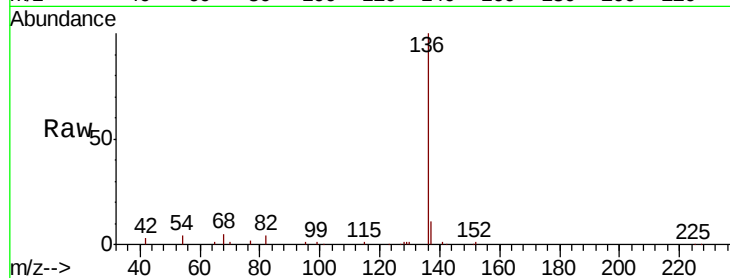
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 4.0 8.6 12.8#

68 5.5 17.0 25.4#

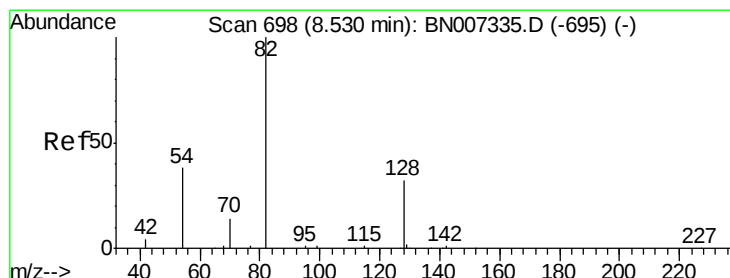
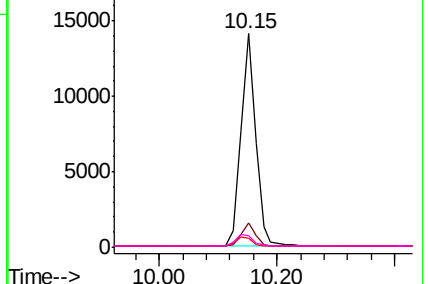
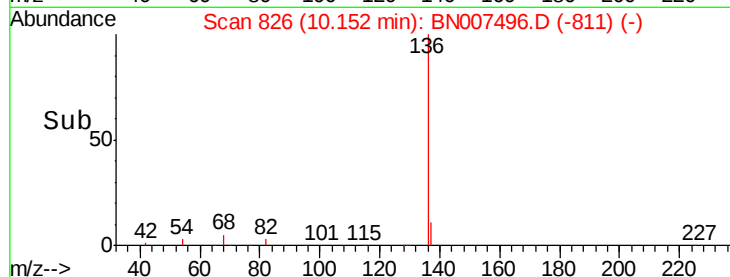


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.316 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

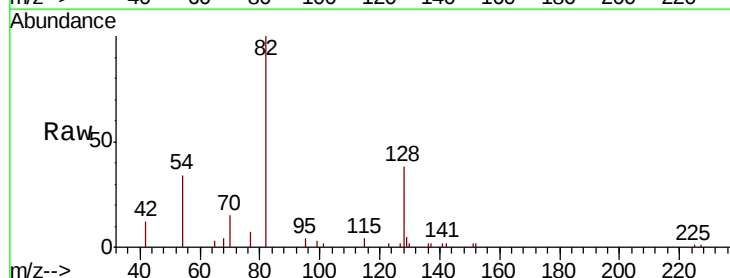
Tgt Ion: 82 Resp: 6673

Ion Ratio Lower Upper

82 100

128 38.4 19.7 29.5#

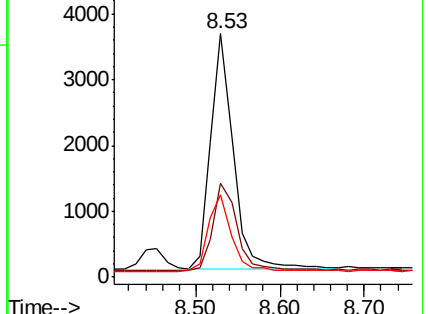
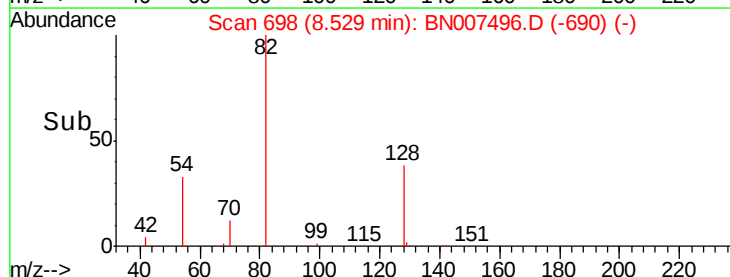
54 33.8 25.8 38.6

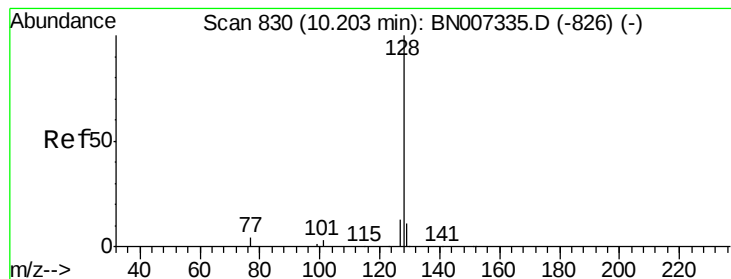


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.314 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

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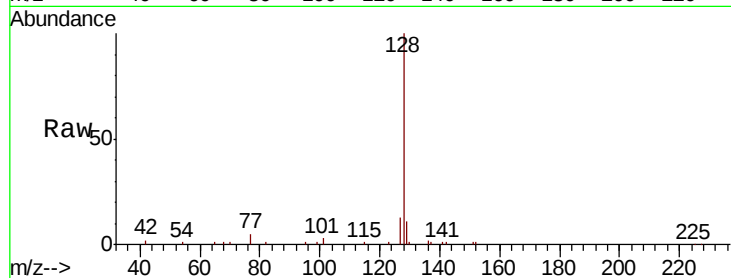
Tot Ion:128 Resp: 21743

Ion Ratio Lower Upper

128 100

129 11.5 11.1 16.7

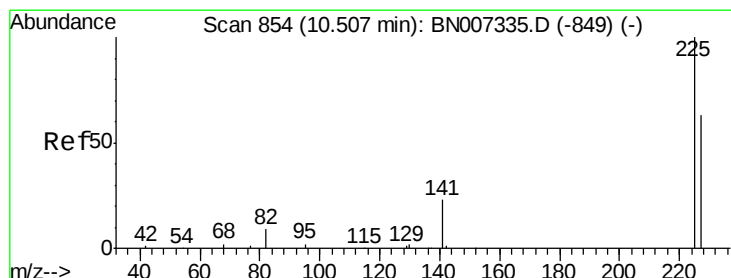
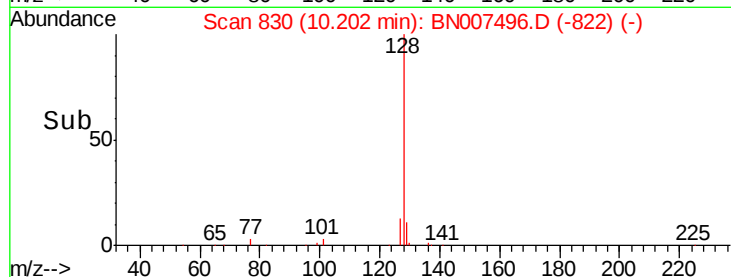
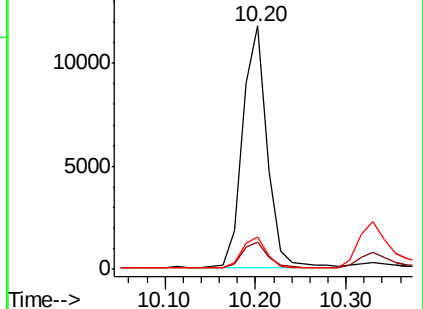
127 13.3 15.5 23.3#



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: 0.270 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

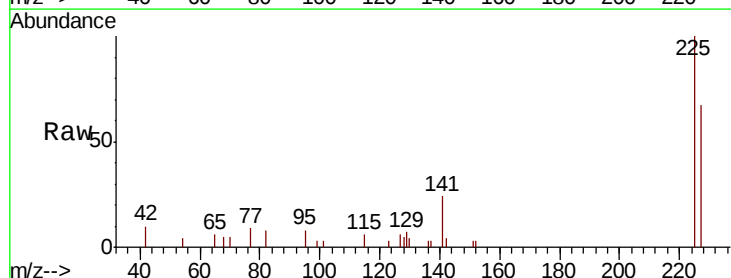
Tgt Ion:225 Resp: 3835

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

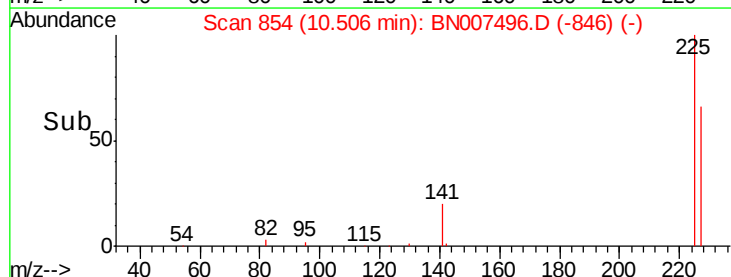
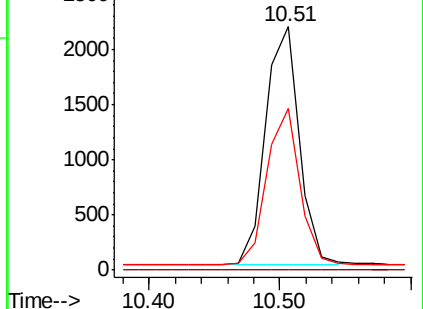
227 64.0 50.7 76.1

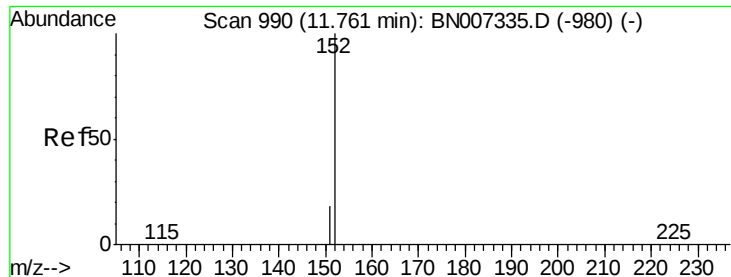


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

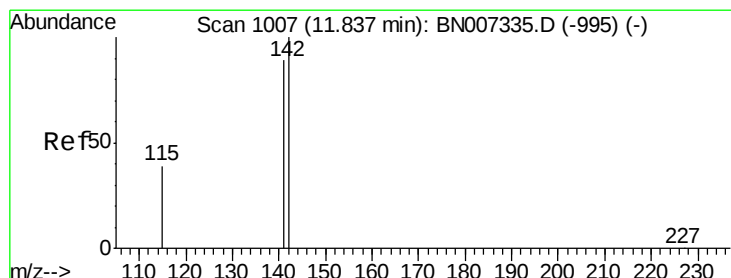
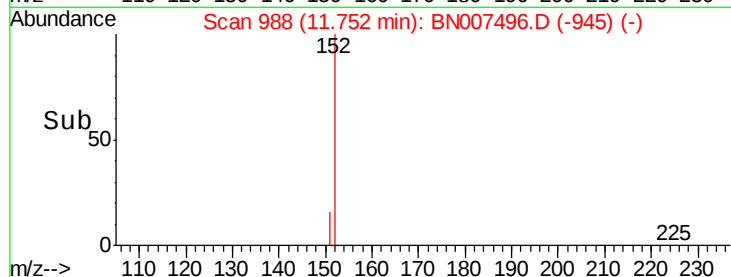
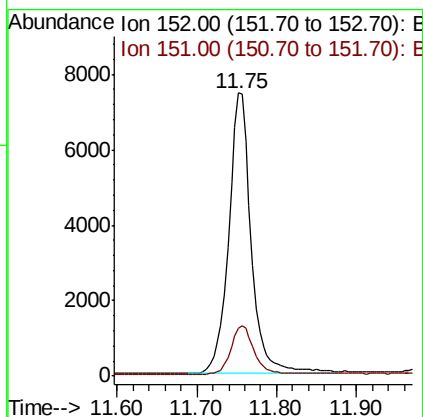
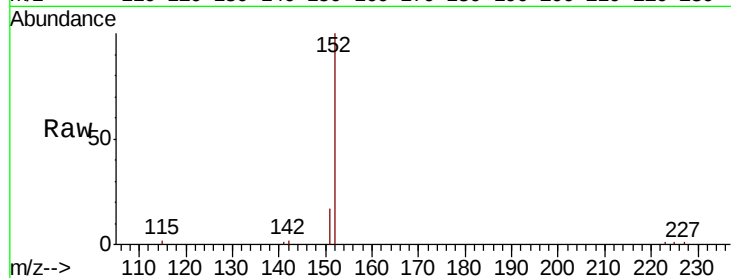




#11
 2-Methylnaphthalene-d10
 Concen: 0.364 ng
 RT: 11.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BN007496.D
 Acq: 29 Aug 2019 10:33

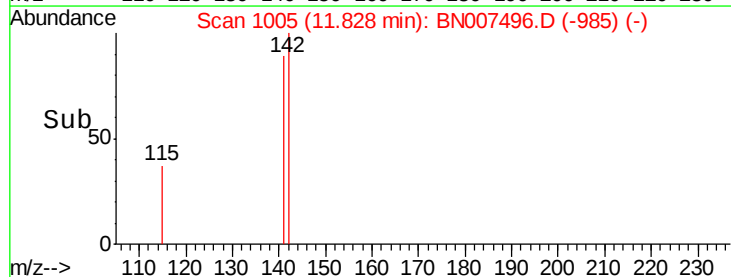
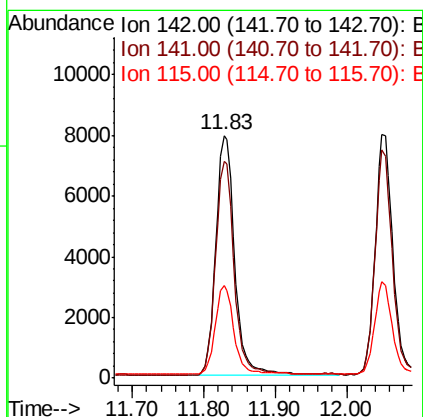
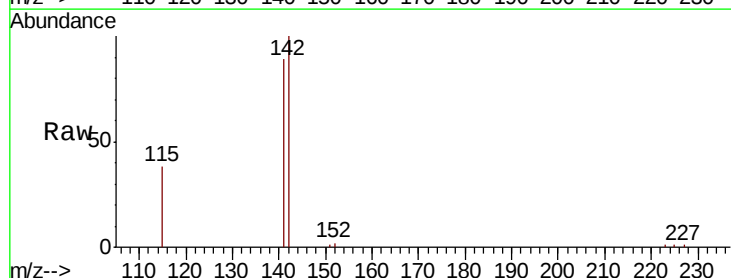
Instrument :
 BNA_N
 ClientSampleId :
 PB122591BS

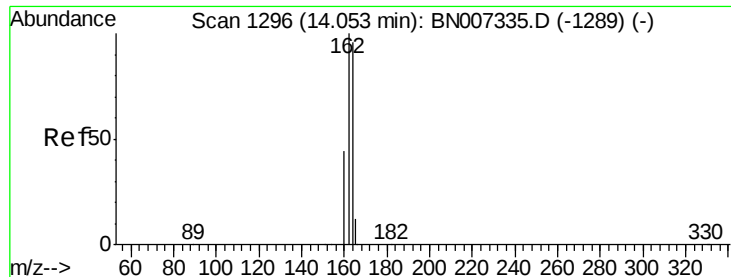
Tot Ion:152 Resp: 14656
 Ion Ratio Lower Upper
 152 100
 151 17.4 16.2 24.2



#12
 2-Methylnaphthalene
 Concen: 0.311 ng
 RT: 11.83 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BN007496.D
 Acq: 29 Aug 2019 10:33

Tgt Ion:142 Resp: 14689
 Ion Ratio Lower Upper
 142 100
 141 89.2 72.8 109.2
 115 38.3 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: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

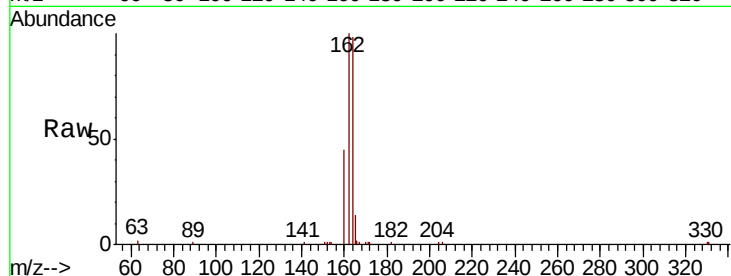
Tot Ion:164 Resp: 12943

Ion Ratio Lower Upper

164 100

162 102.5 83.5 125.3

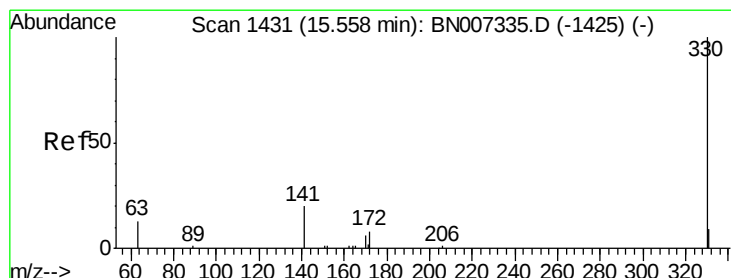
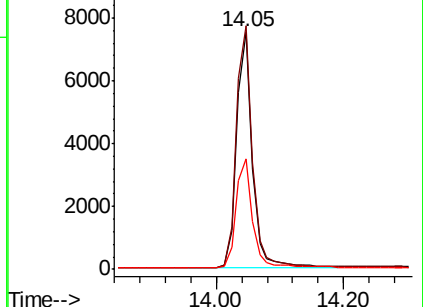
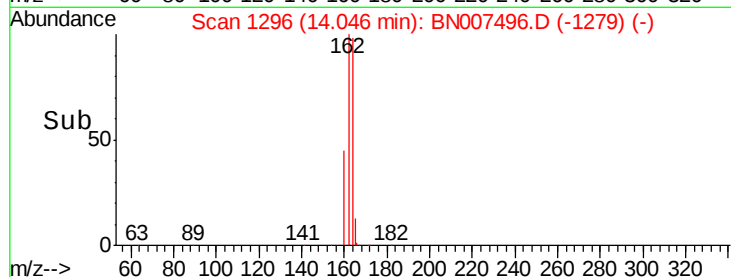
160 46.4 38.2 57.4



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: 0.347 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

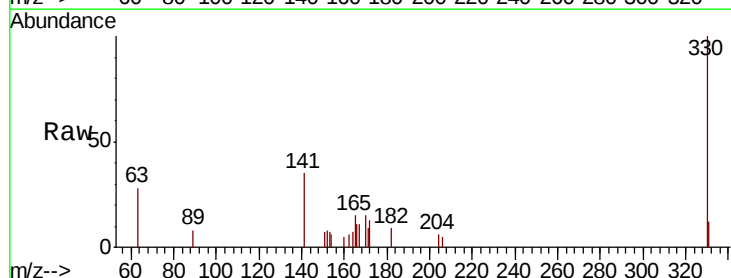
Tgt Ion:330 Resp: 2347

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

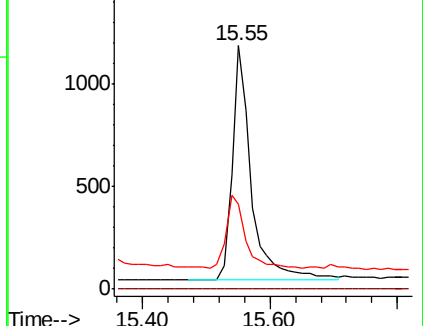
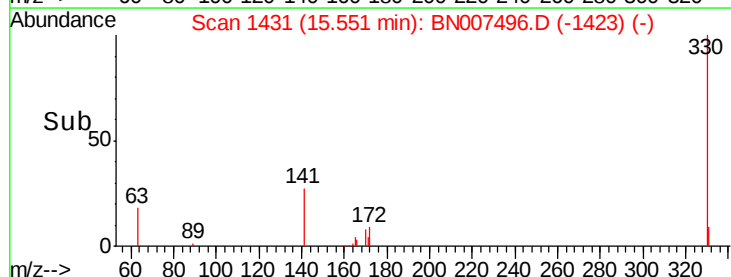
141 31.1 26.9 40.3

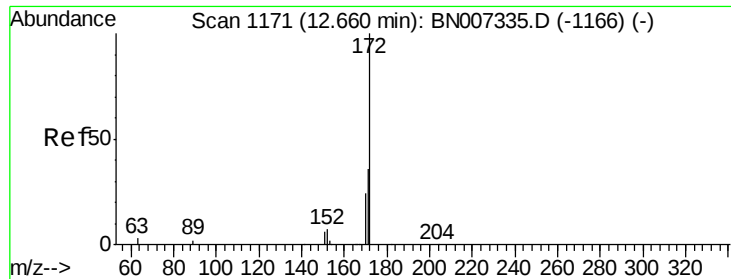


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

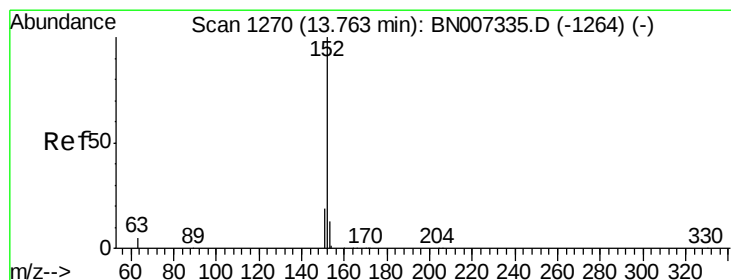
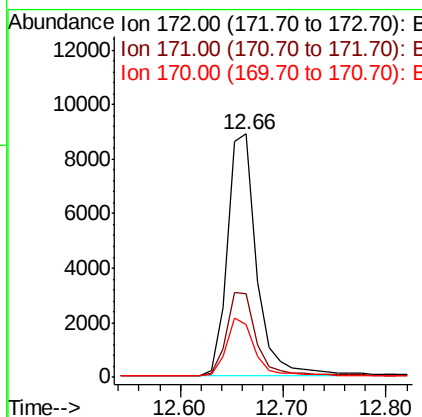
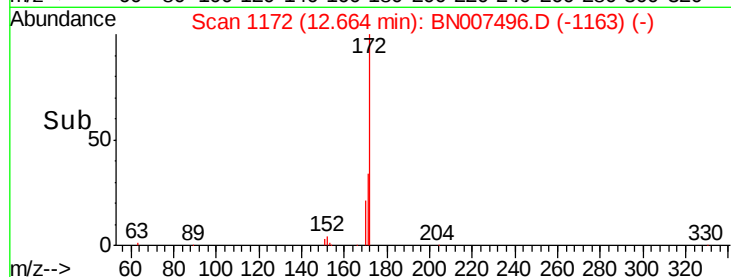
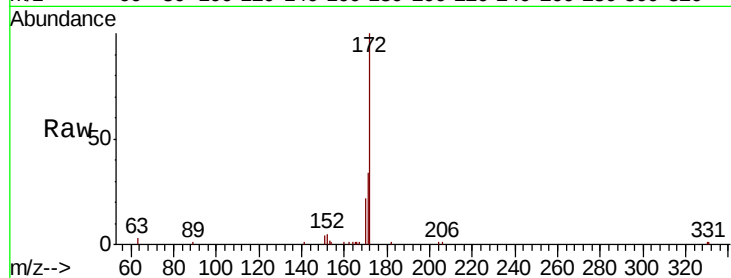




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BN007496.D
Acq: 29 Aug 2019 10:33

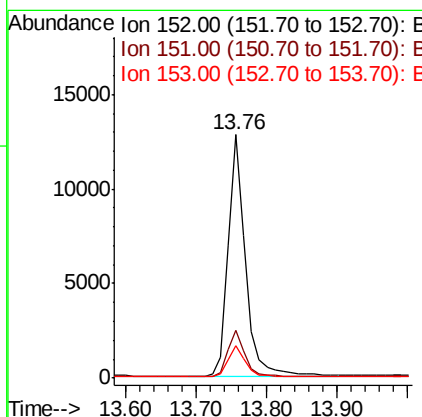
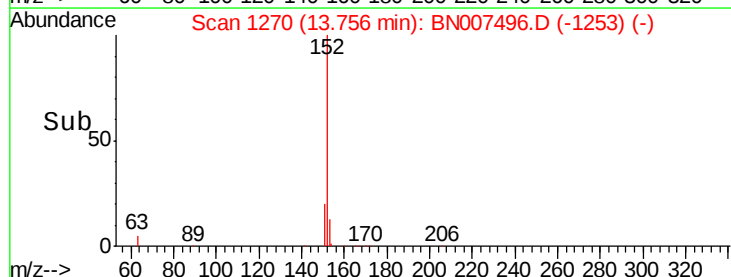
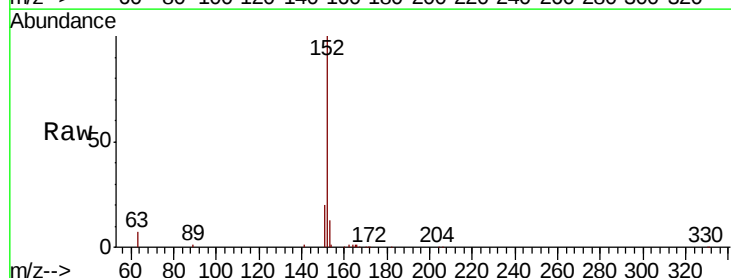
Instrument :
BNA_N
ClientSampleId :
PB122591BS

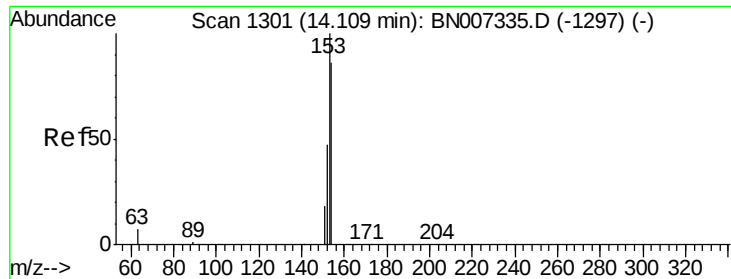
Tot Ion:172 Resp: 17494
Ion Ratio Lower Upper
172 100
171 34.1 30.3 45.5
170 21.9 20.7 31.1



#16
Acenaphthylene
Concen: 0.292 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007496.D
Acq: 29 Aug 2019 10:33

Tgt Ion:152 Resp: 22379
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.310 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

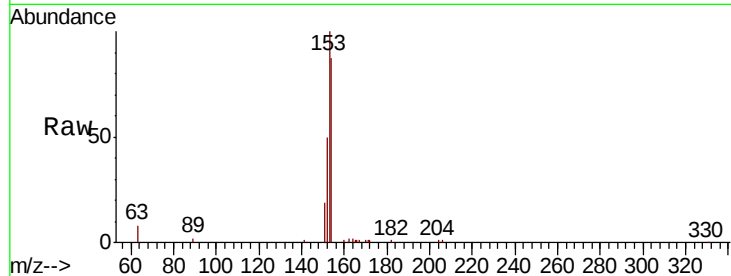
Tot Ion:154 Resp: 13907

Ion Ratio Lower Upper

154 100

153 113.3 92.8 139.2

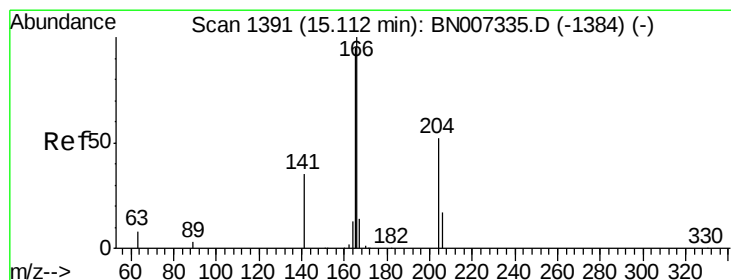
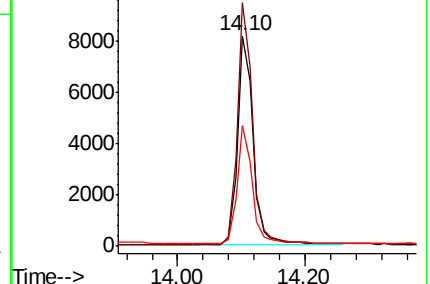
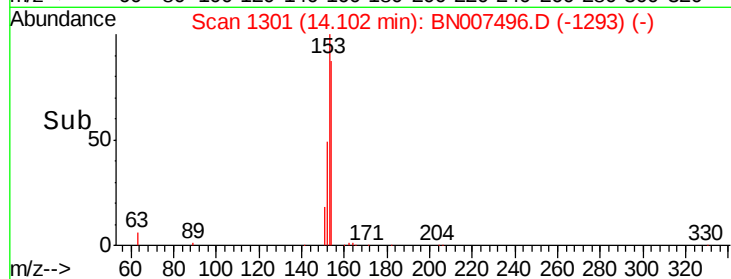
152 54.0 43.8 65.8



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: 0.315 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

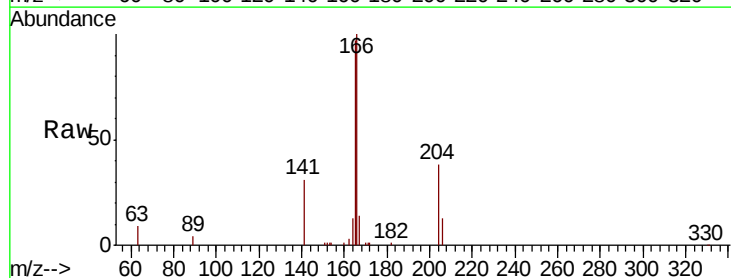
Tgt Ion:166 Resp: 17862

Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.4

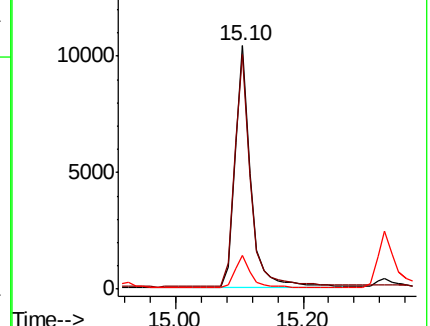
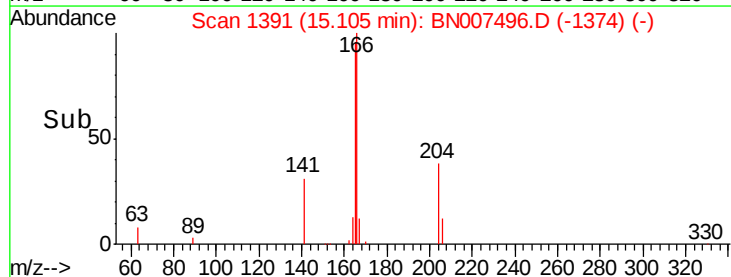
167 13.3 10.6 15.8

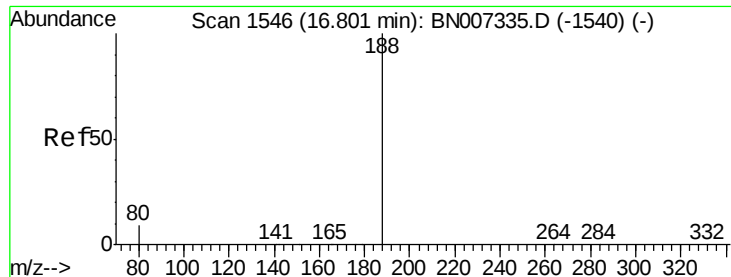


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

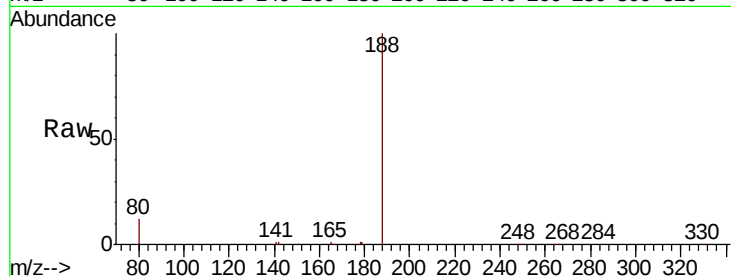
Tot Ion:188 Resp: 32676

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

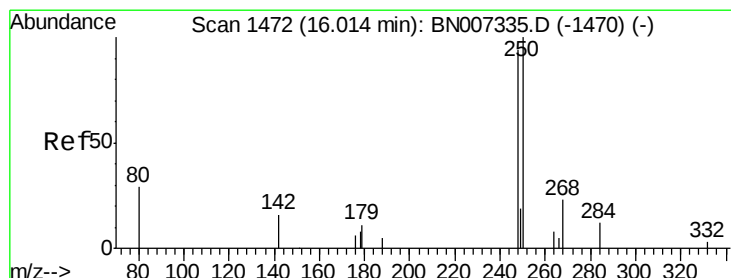
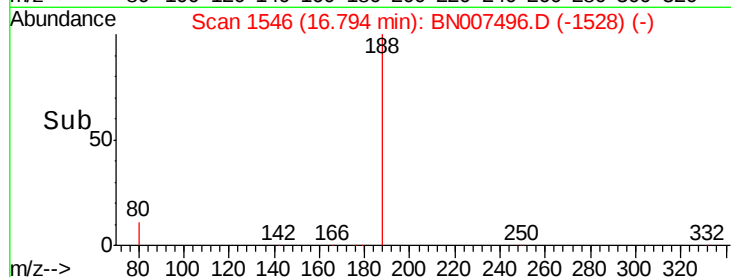
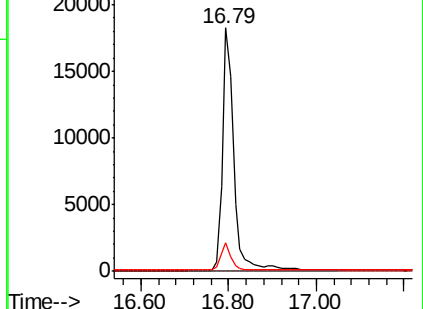
80 11.9 11.8 17.8



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: 0.282 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

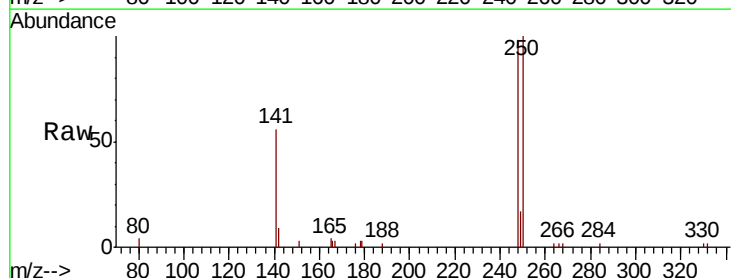
Tgt Ion:248 Resp: 3629

Ion Ratio Lower Upper

248 100

250 101.7 85.0 127.6

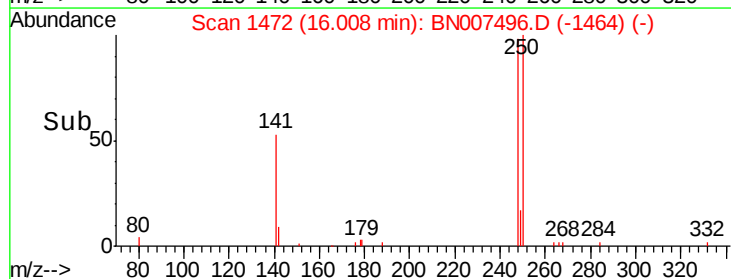
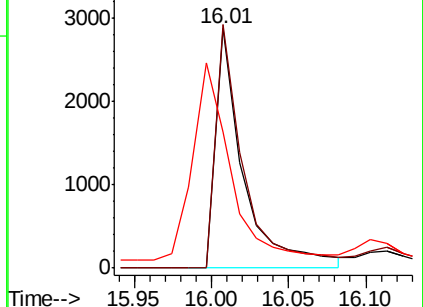
141 56.7 51.7 77.5

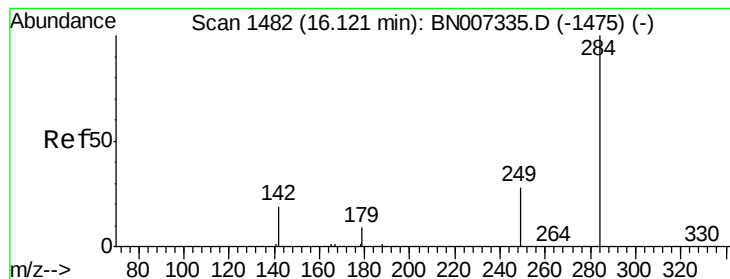


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.304 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

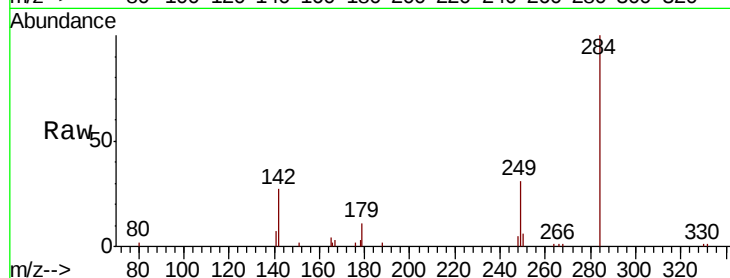
Tot Ion:284 Resp: 6669

Ion Ratio Lower Upper

284 100

142 32.0 29.0 43.6

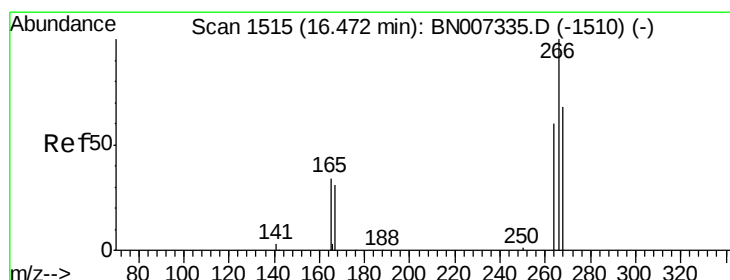
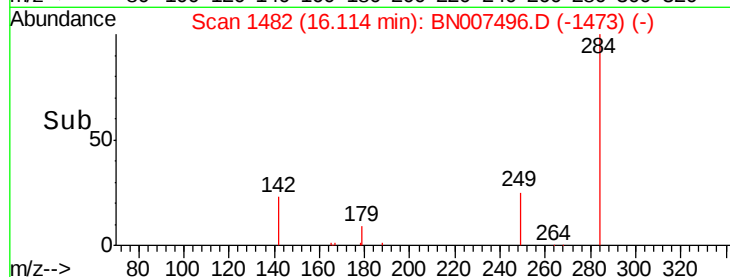
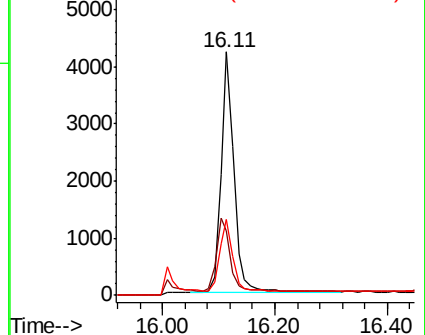
249 30.6 24.9 37.3



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: 0.471 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

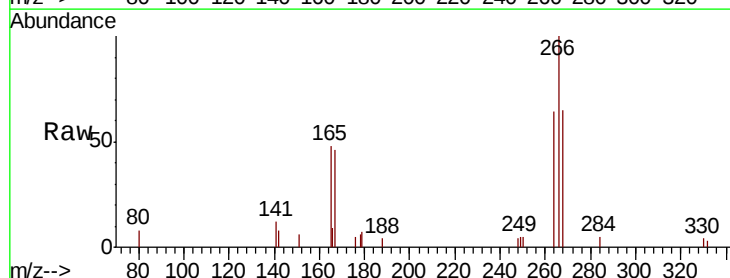
Tgt Ion:266 Resp: 3204

Ion Ratio Lower Upper

266 100

264 64.2 57.8 86.8

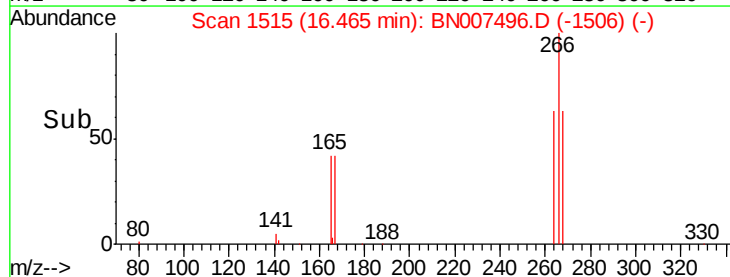
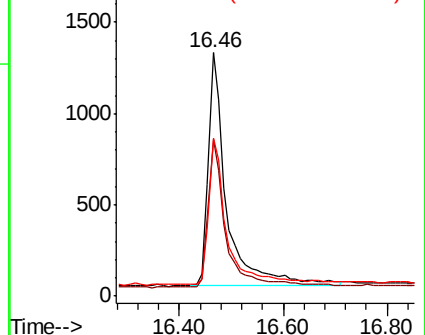
268 64.7 99.7 149.5#

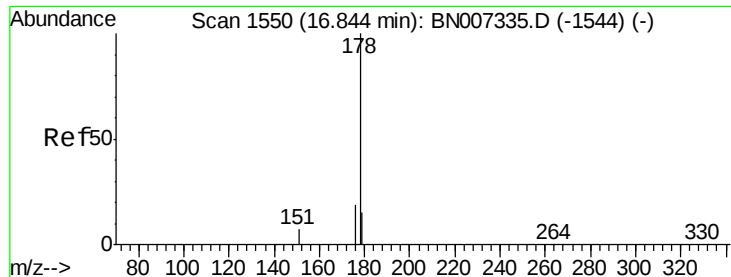


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.307 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

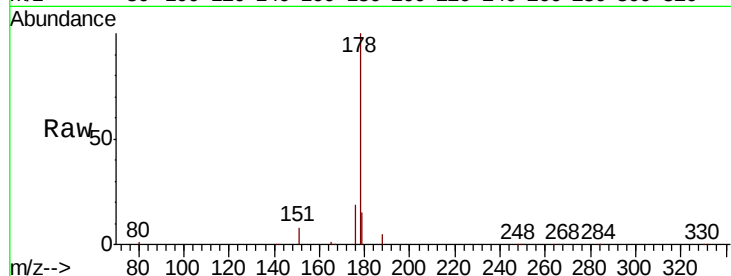
Tot Ion:178 Resp: 30216

Ion Ratio Lower Upper

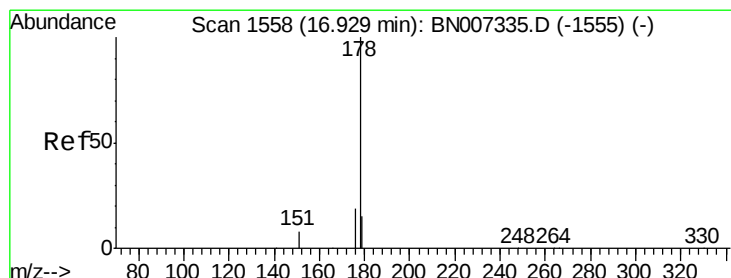
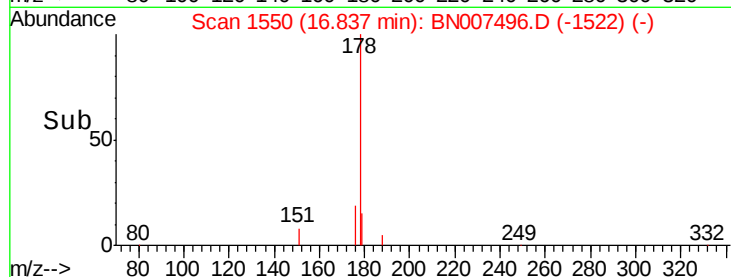
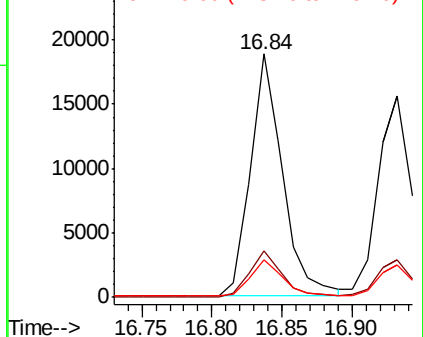
178 100

176 18.8 15.3 22.9

179 15.6 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: 0.282 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

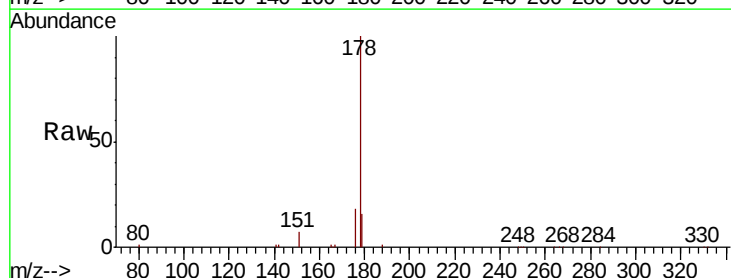
Tgt Ion:178 Resp: 27863

Ion Ratio Lower Upper

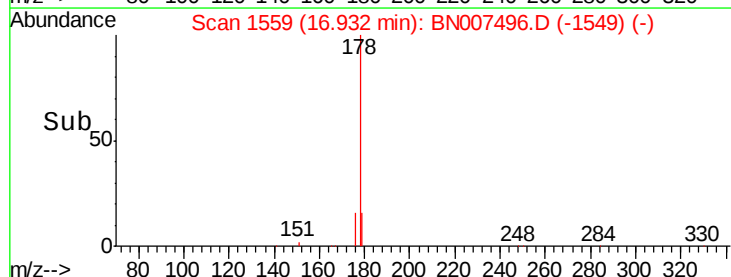
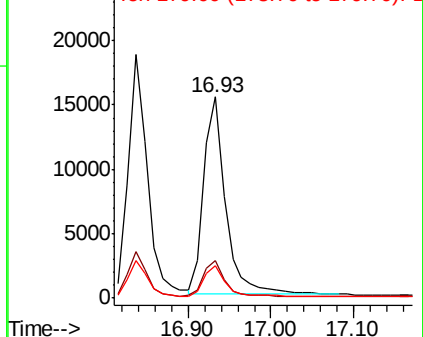
178 100

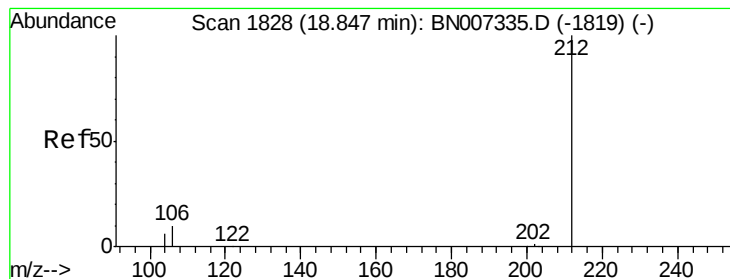
176 18.6 14.9 22.3

179 15.5 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: 0.332 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

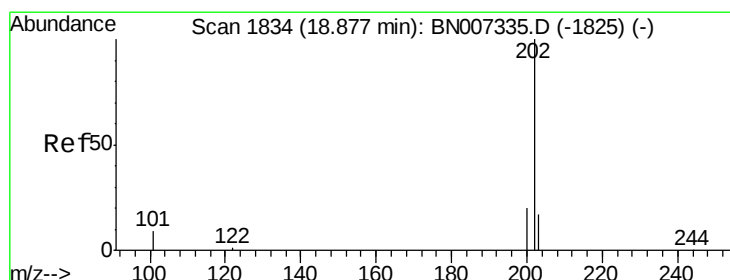
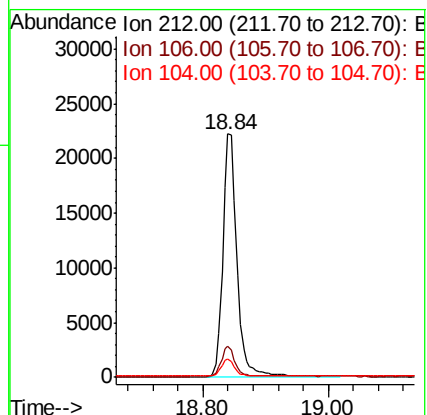
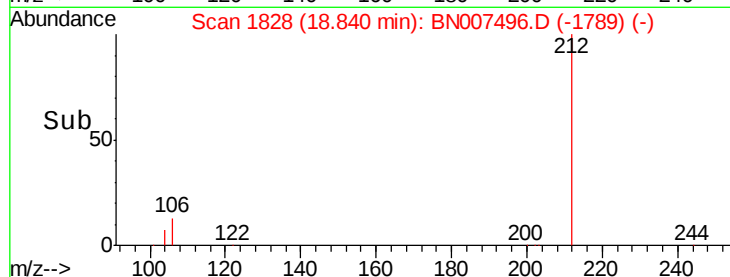
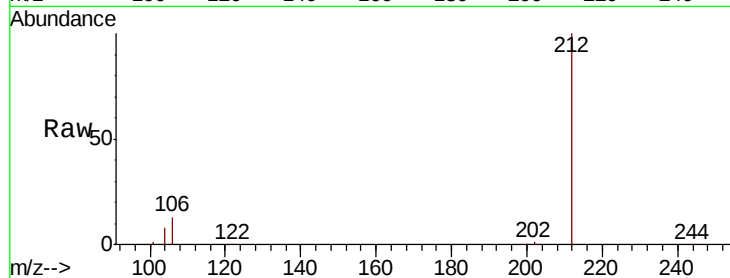
Tot Ion:212 Resp: 34890

Ion Ratio Lower Upper

212 100

106 12.0 9.0 13.4

104 7.0 5.4 8.2



#26

Fluoranthene

Concen: 0.311 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

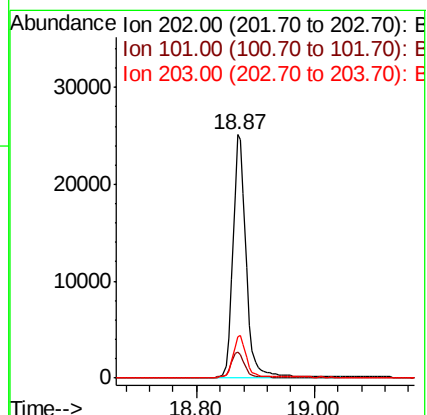
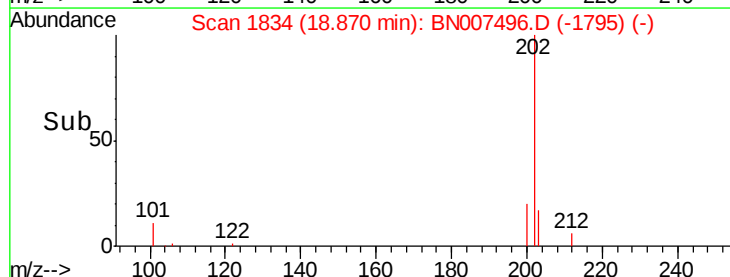
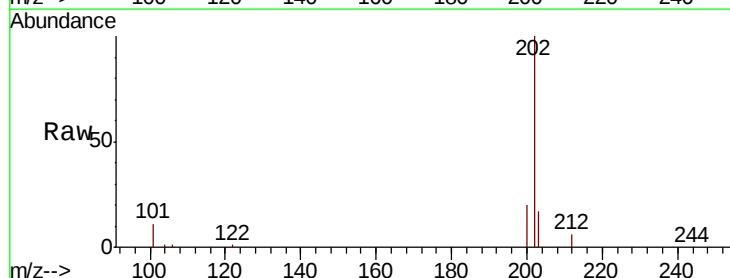
Tgt Ion:202 Resp: 39274

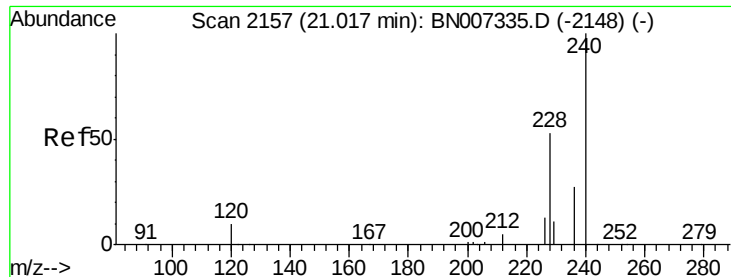
Ion Ratio Lower Upper

202 100

101 10.5 7.7 11.5

203 17.0 13.7 20.5

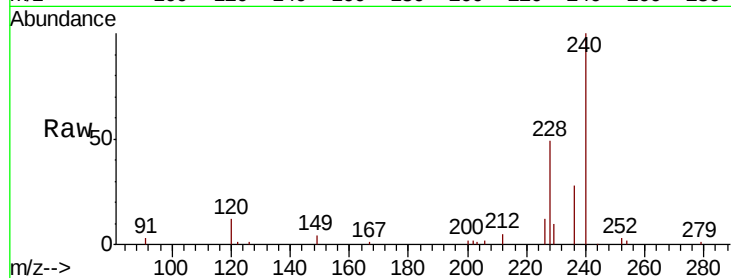




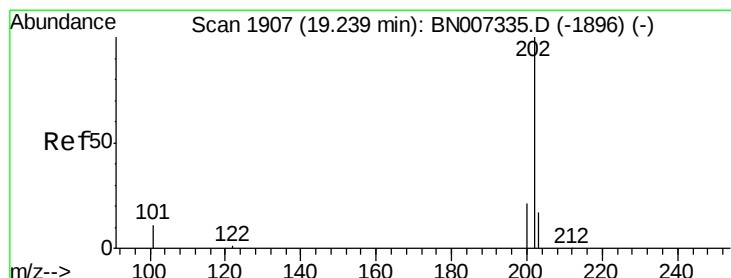
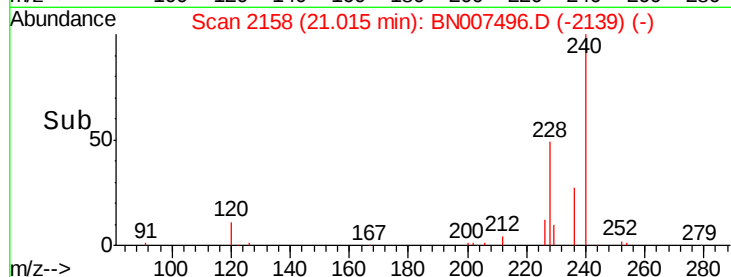
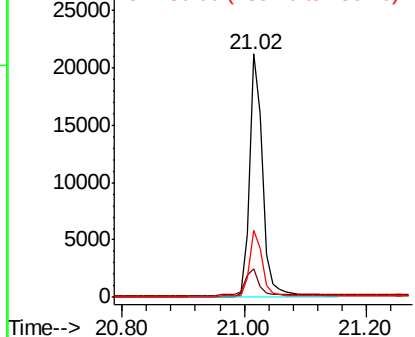
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007496.D
Acq: 29 Aug 2019 10:33

Instrument :
BNA_N
ClientSampled :
PB122591BS

Tot Ion:240 Resp: 31854
Ion Ratio Lower Upper
240 100
120 11.7 9.6 14.4
236 27.5 22.2 33.2

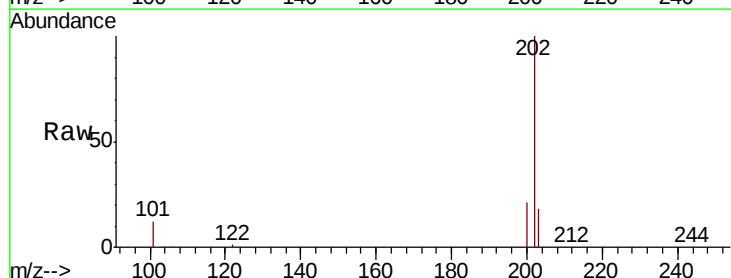


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

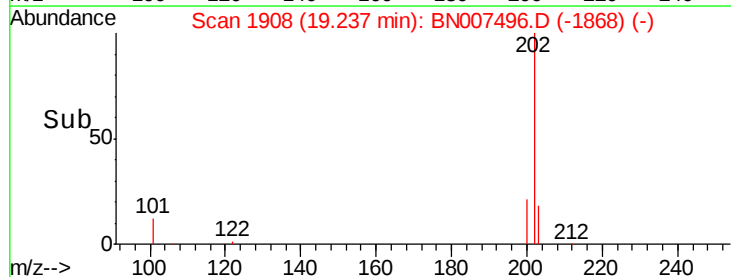
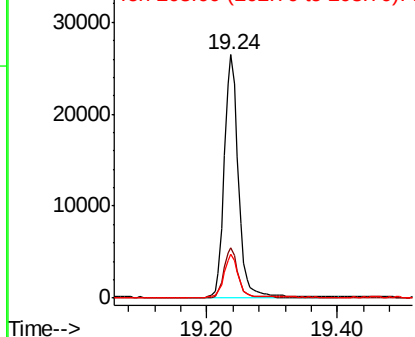


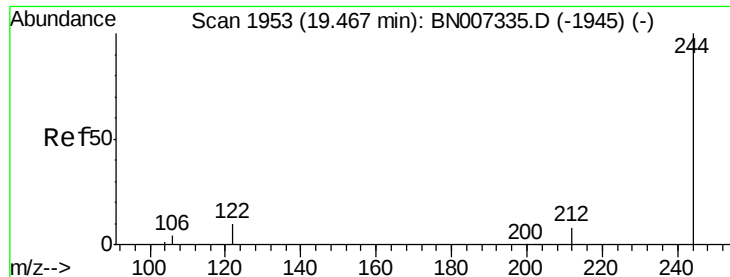
#28
Pyrene
Concen: 0.311 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BN007496.D
Acq: 29 Aug 2019 10:33

Tgt Ion:202 Resp: 39907
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 18.0 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: 0.314 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

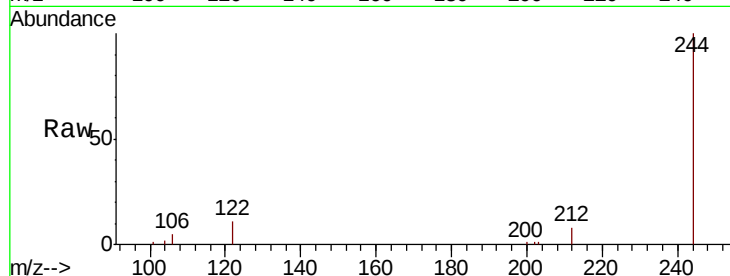
Tot Ion:244 Resp: 26161

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.6

122 11.2 9.6 14.4

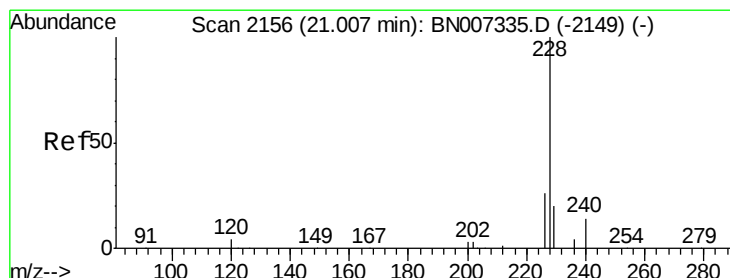
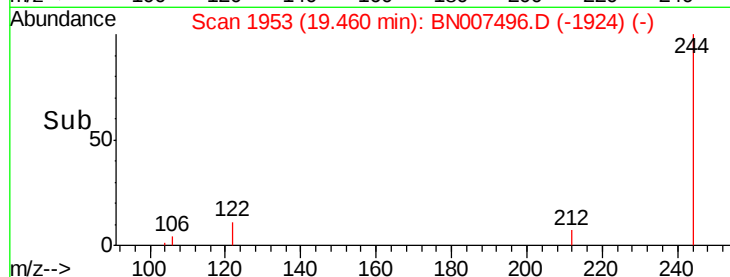
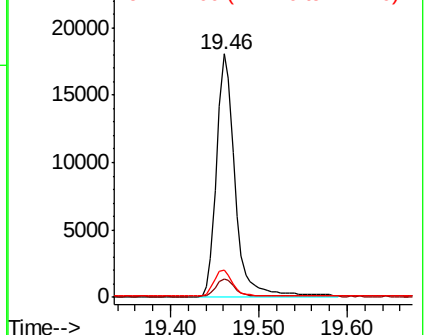


Abundance

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: 0.284 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

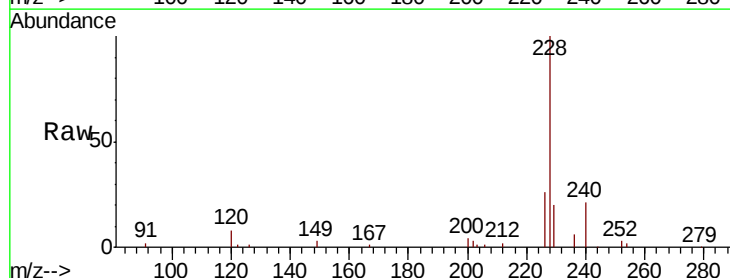
Tgt Ion:228 Resp: 35563

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

229 20.2 16.1 24.1

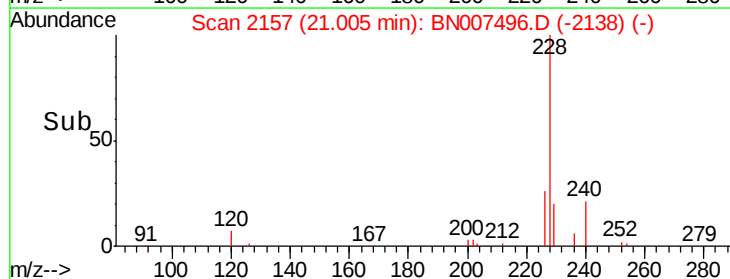
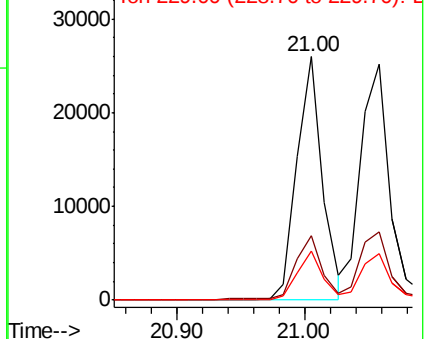


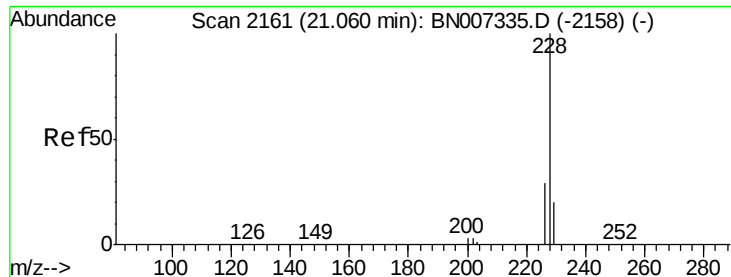
Abundance

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: 0.323 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

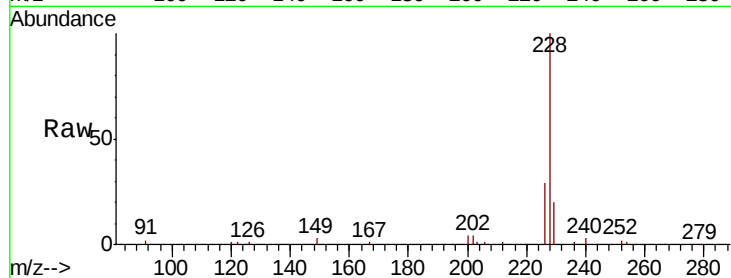
Tot Ion:228 Resp: 39047

Ion Ratio Lower Upper

228 100

226 29.0 23.5 35.3

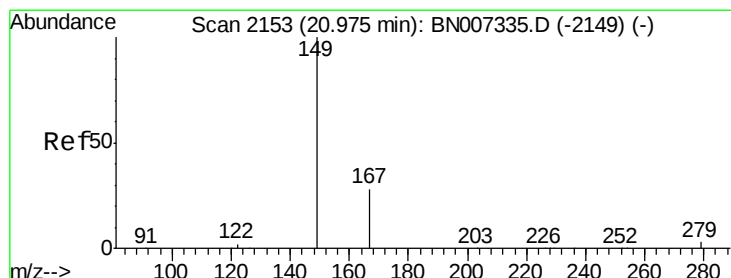
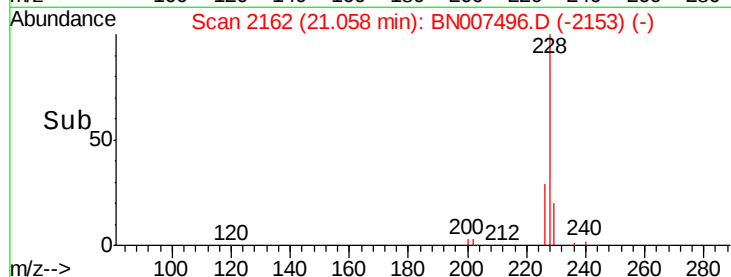
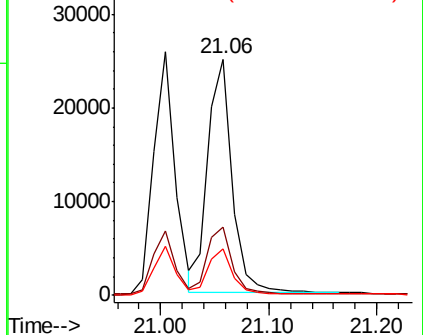
229 19.8 16.6 24.8



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: 0.205 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

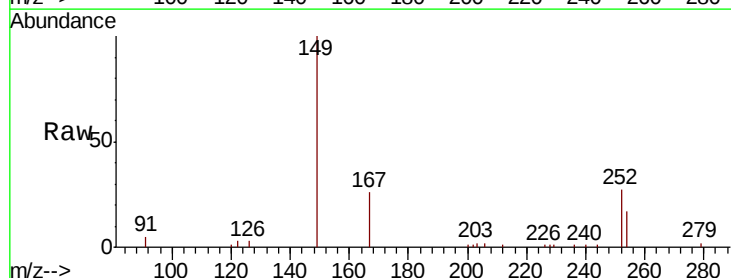
Tgt Ion:149 Resp: 18094

Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

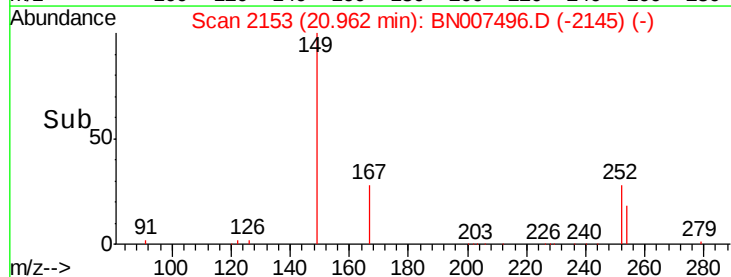
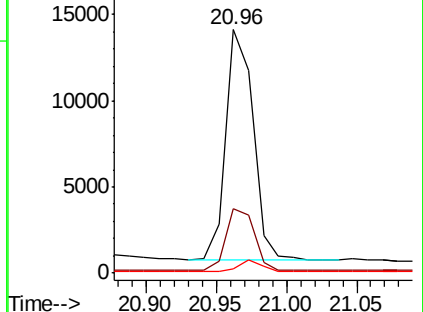
279 4.6 3.5 5.3

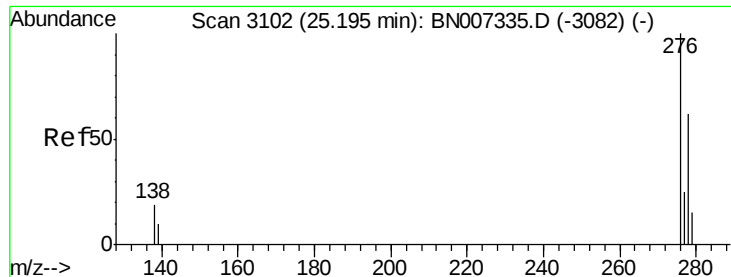


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

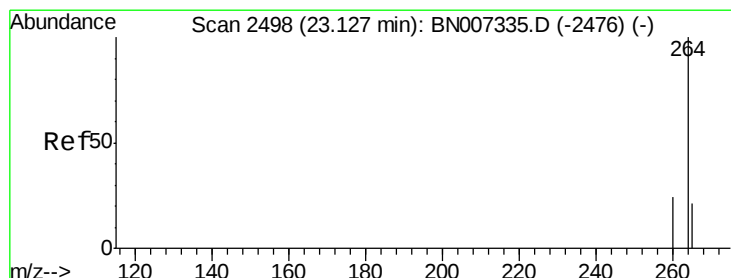
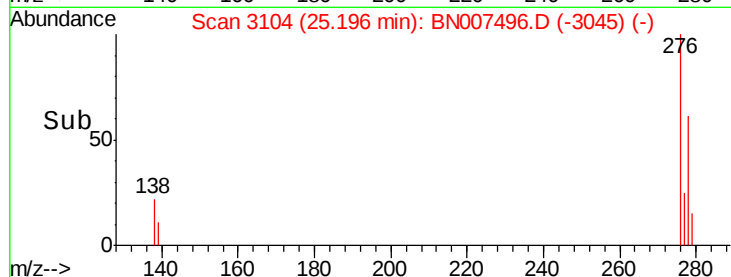
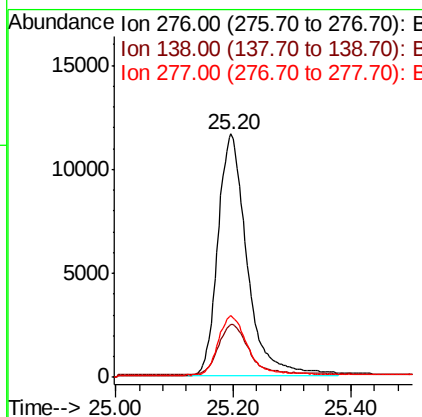
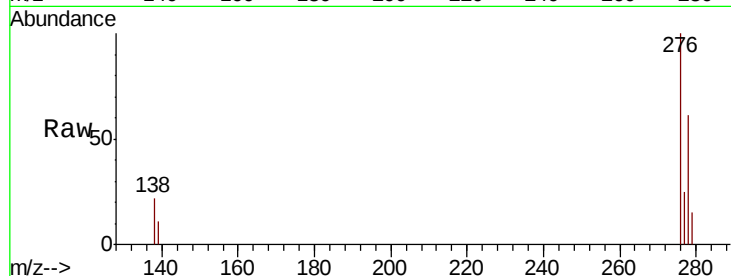




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.275 ng
 RT: 25.20 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: BN007496.D
 Acq: 29 Aug 2019 10:33

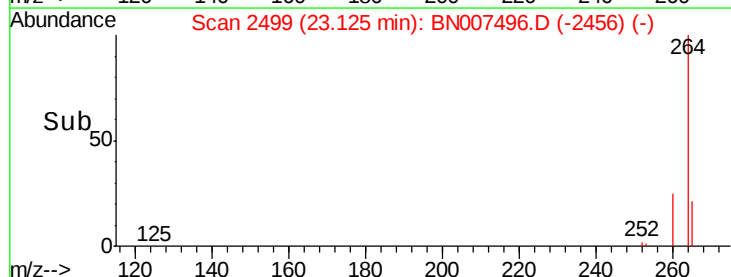
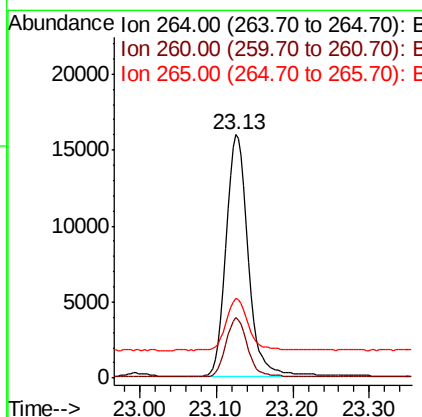
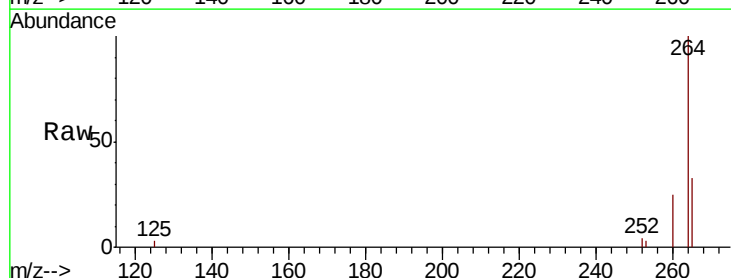
Instrument :
 BNA_N
 ClientSampleId :
 PB122591BS

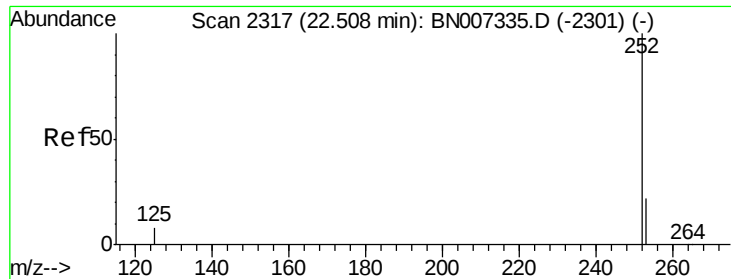
Tot Ion:276 Resp: 39940
 Ion Ratio Lower Upper
 276 100
 138 20.5 15.1 22.7
 277 24.4 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BN007496.D
 Acq: 29 Aug 2019 10:33

Tgt Ion:264 Resp: 32682
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 32.7 29.9 44.9

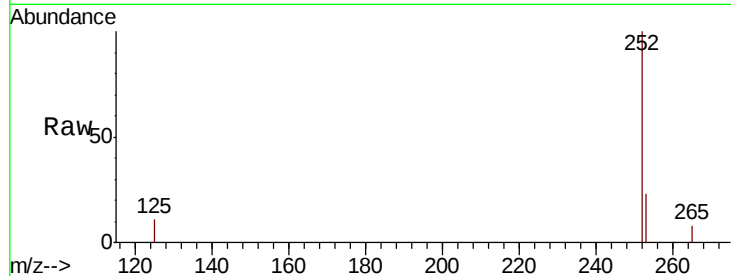




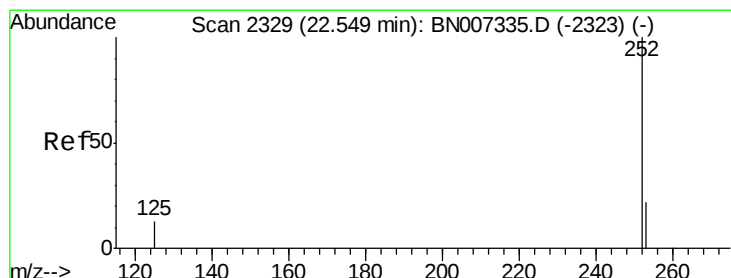
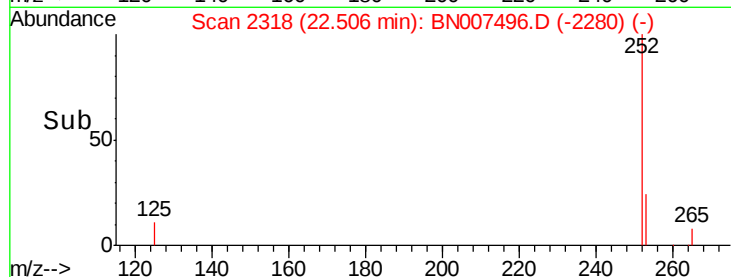
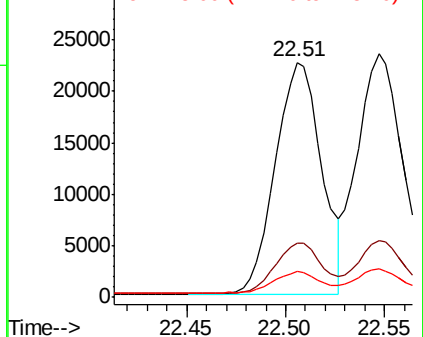
#35
Benzo(b)fluoranthene
Concen: 0.309 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BN007496.D
Acq: 29 Aug 2019 10:33

Instrument :
BNA_N
ClientSampleId :
PB122591BS

Tot Ion:252 Resp: 36594
Ion Ratio Lower Upper
252 100
253 23.3 19.2 28.8
125 10.8 10.6 16.0

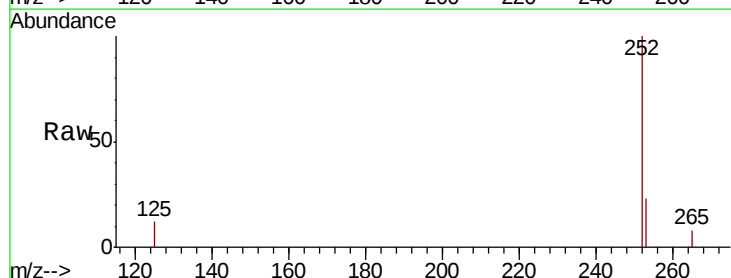


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

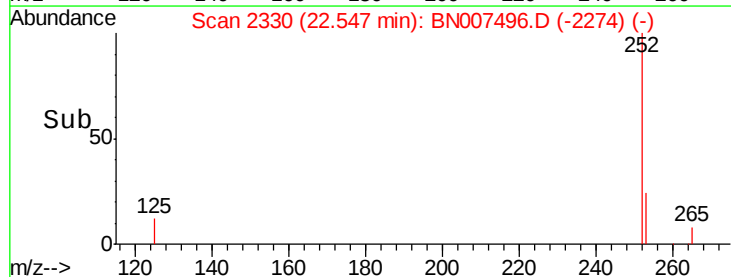
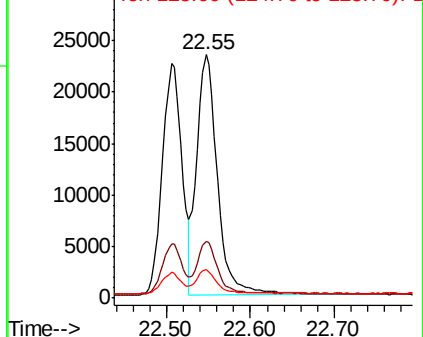


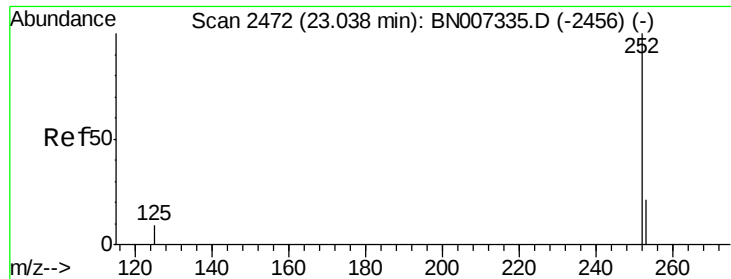
#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007496.D
Acq: 29 Aug 2019 10:33

Tgt Ion:252 Resp: 40193
Ion Ratio Lower Upper
252 100
253 23.4 19.4 29.2
125 11.6 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: 0.320 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

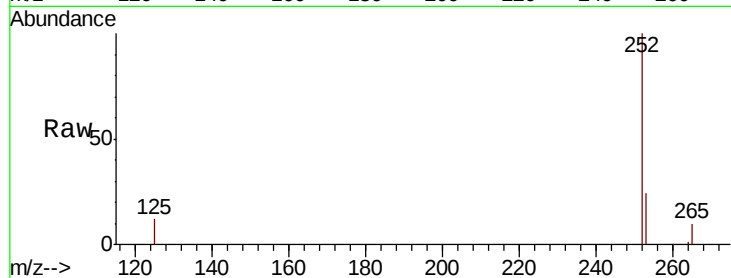
Tot Ion:252 Resp: 36052

Ion Ratio Lower Upper

252 100

253 23.8 19.5 29.3

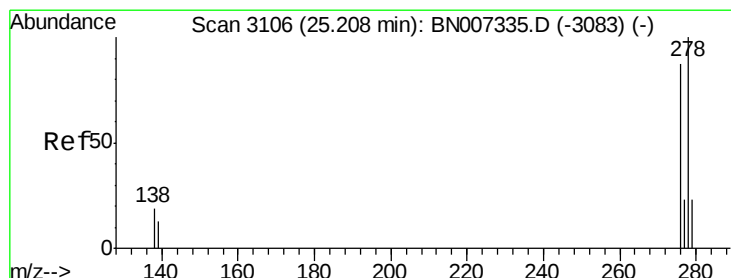
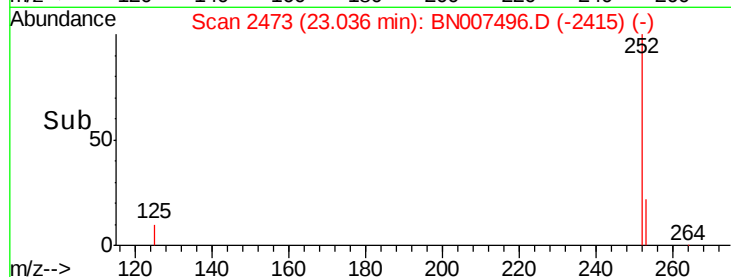
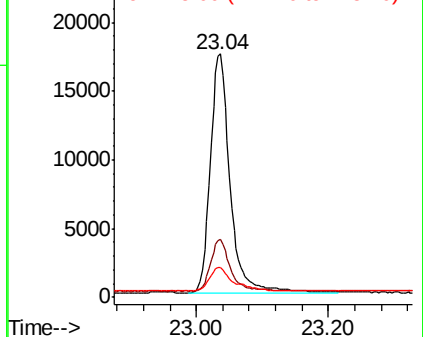
125 12.2 12.1 18.1



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: 0.289 ng

RT: 25.21 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

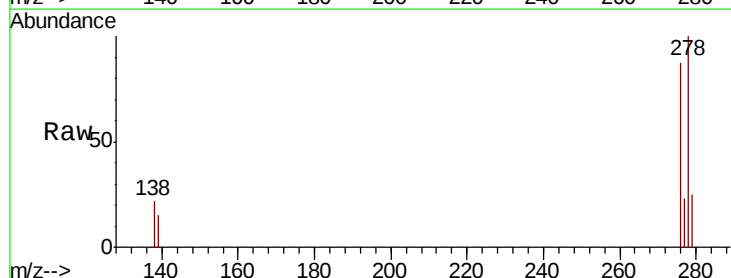
Tgt Ion:278 Resp: 32467

Ion Ratio Lower Upper

278 100

139 15.4 13.7 20.5

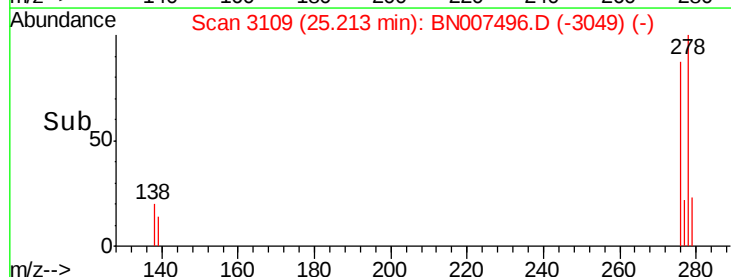
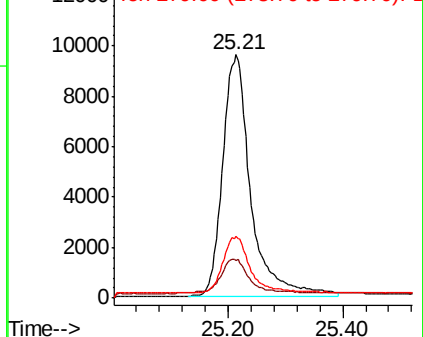
279 25.2 20.2 30.4

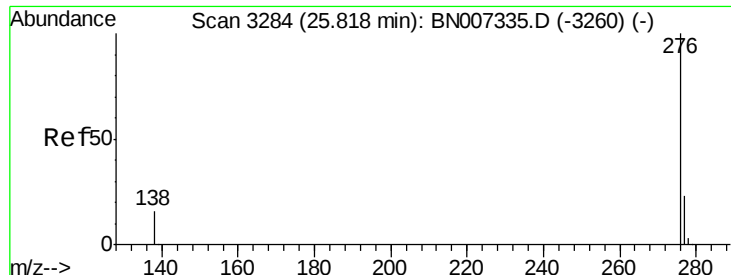


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.303 ng

RT: 25.82 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BN007496.D

Acq: 29 Aug 2019 10:33

Instrument :

BNA_N

ClientSampleId :

PB122591BS

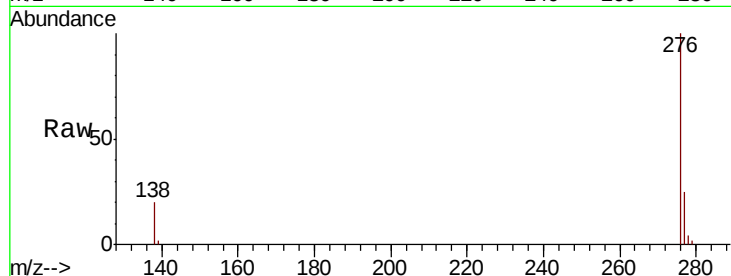
Tot Ion:276 Resp: 33971

Ion Ratio Lower Upper

276 100

277 24.9 19.6 29.4

138 19.7 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

