

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
 Data File : BN007378.D
 Acq On : 25 Aug 2019 01:18
 Operator : HP/JU
 Sample : PB122506BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122506BS

Quant Time: Aug 25 05:25:11 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	7910	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	30942	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	14381	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	26585	0.40	ng	0.00
27) Chrysene-d12	21.02	240	23323	0.40	ng	0.00
34) Perylene-d12	23.12	264	28183	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	5697	0.19	ng	0.00
5) Phenol-d6	6.59	99	7131	0.19	ng	0.00
8) Nitrobenzene-d5	8.53	82	5297	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	15296	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1031	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	13526	0.23	ng	0.00
25) Fluoranthene-d10	18.84	212	16823	0.20	ng	0.00
29) Terphenyl-d14	19.47	244	12681	0.21	ng	0.00

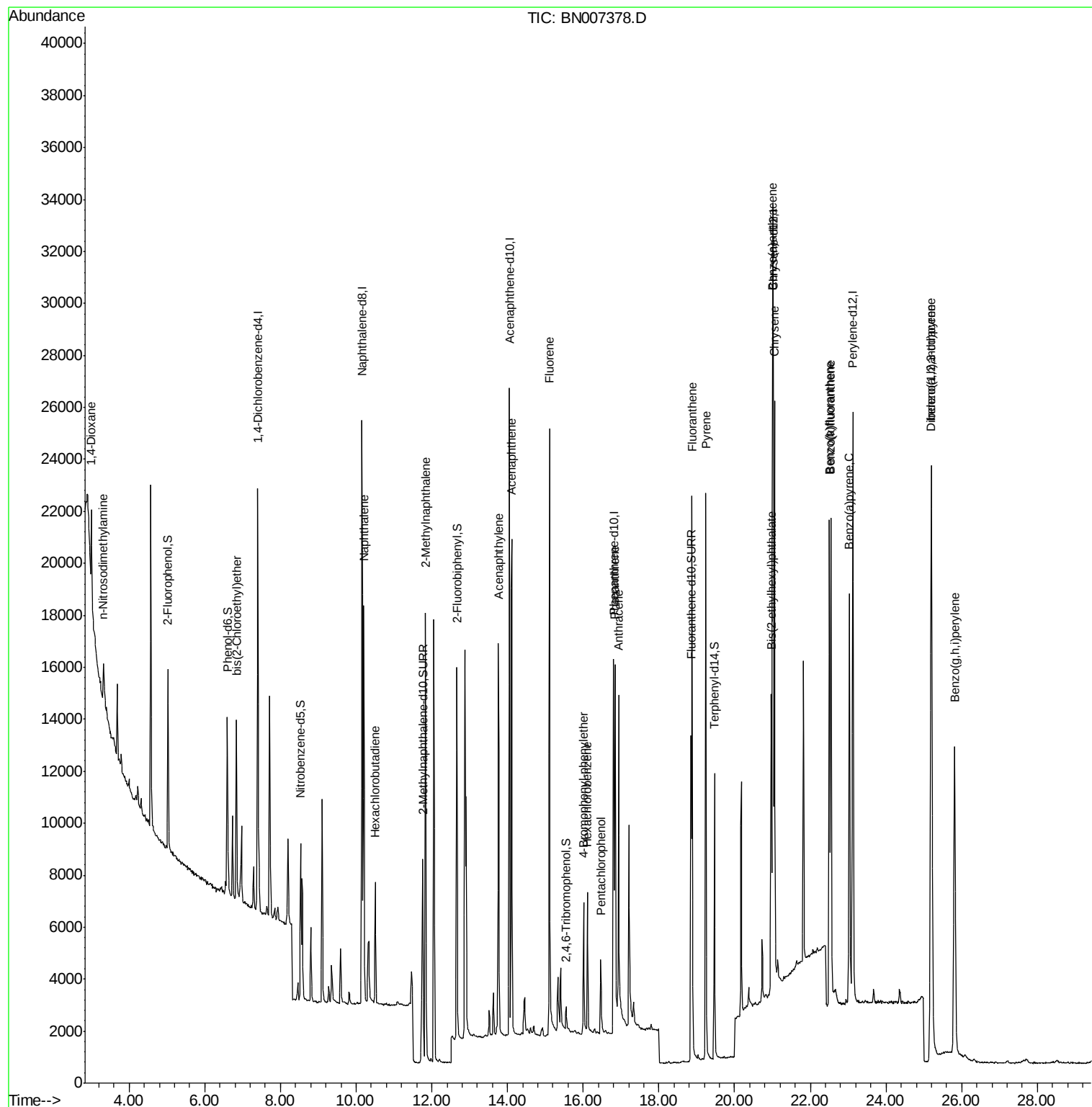
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2254	0.172	ng	# 98
3) n-Nitrosodimethylamine	3.32	42	1232	0.202	ng	# 82
6) bis(2-Chloroethyl)ether	6.84	93	5971	0.209	ng	95
9) Naphthalene	10.20	128	19315	0.218	ng	# 90
10) Hexachlorobutadiene	10.51	225	3872	0.214	ng	# 100
12) 2-Methylnaphthalene	11.83	142	12767	0.212	ng	98
16) Acenaphthylene	13.76	152	17724	0.208	ng	99
17) Acenaphthene	14.11	154	10651	0.214	ng	99
18) Fluorene	15.10	166	12243	0.194	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	2544	0.243	ng	94
21) Hexachlorobenzene	16.11	284	4390	0.246	ng	94
22) Pentachlorophenol	16.46	266	1844	0.333	ng	# 64
23) Phenanthrene	16.84	178	16708	0.209	ng	100
24) Anthracene	16.93	178	15723	0.195	ng	99
26) Fluoranthene	18.87	202	21400	0.208	ng	100
28) Pyrene	19.24	202	21594	0.230	ng	100
30) Benzo(a)anthracene	21.00	228	19589	0.214	ng	100
31) Chrysene	21.06	228	21494	0.243	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	9499	0.141	ng	98
33) Indeno(1,2,3-cd)pyrene	25.19	276	28816	0.271	ng	99
35) Benzo(b)fluoranthene	22.50	252	22603	0.221	ng	98
36) Benzo(k)fluoranthene	22.54	252	23479	0.233	ng	# 96
37) Benzo(a)pyrene	23.03	252	22331	0.230	ng	97
38) Dibenzo(a,h)anthracene	25.21	278	23420	0.242	ng	96
39) Benzo(g,h,i)perylene	25.81	276	25096	0.260	ng	97

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

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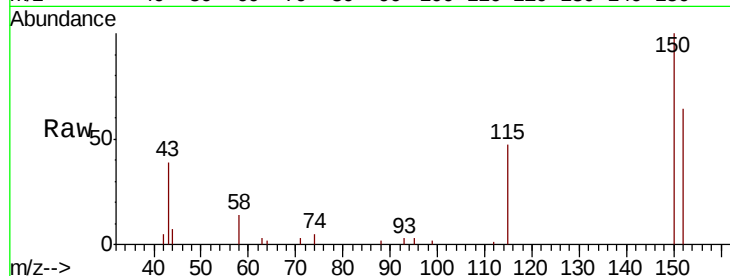


#1

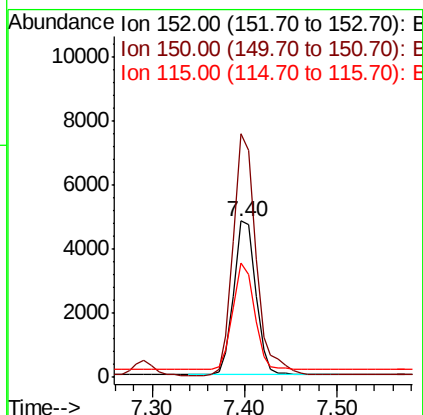
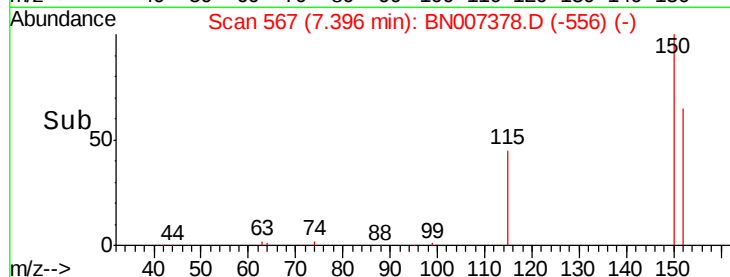
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion: 152 Resp: 7910
Ion Ratio Lower Upper
152 100
150 155.9 109.1 163.7
115 73.0 59.6 89.4



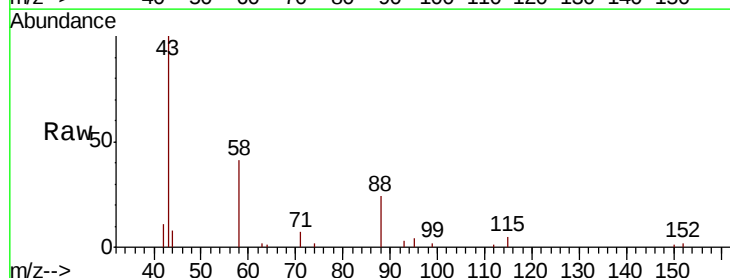
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



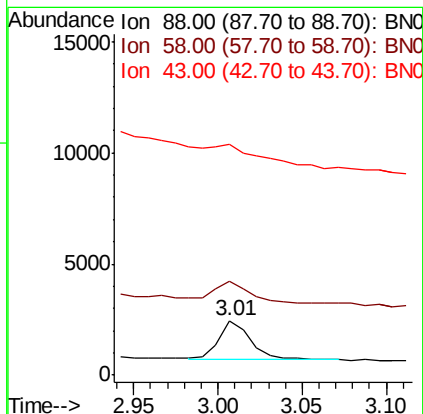
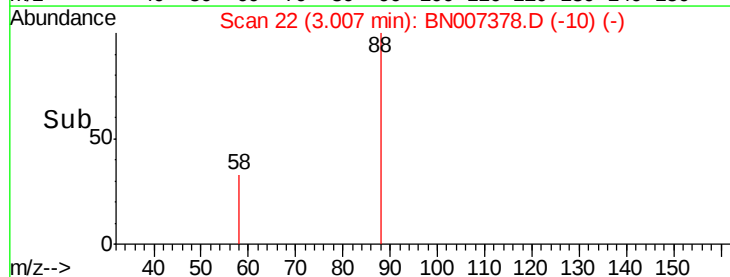
#2

1,4-Dioxane
Concen: 0.172 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion: 88 Resp: 2254
Ion Ratio Lower Upper
88 100
58 64.6 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: 0.202 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

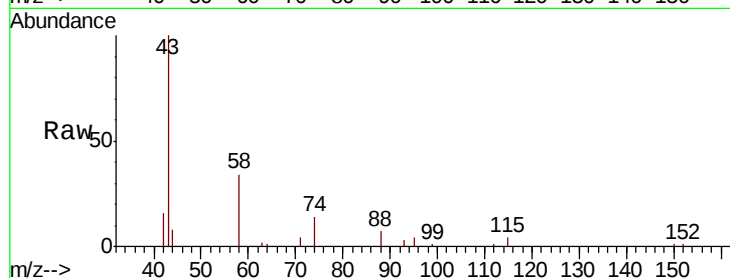
Tgt Ion: 42 Resp: 1232

Ion Ratio Lower Upper

42 100

74 206.7 144.7 217.1

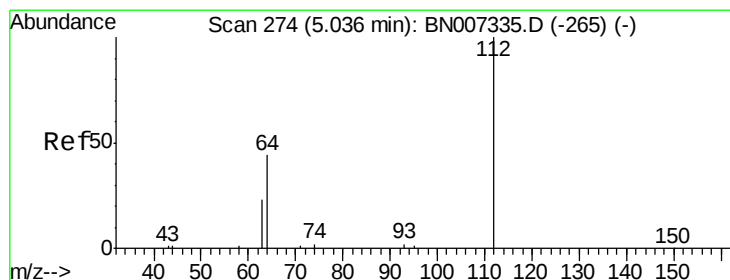
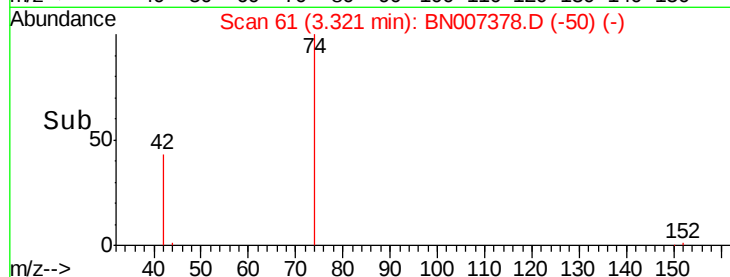
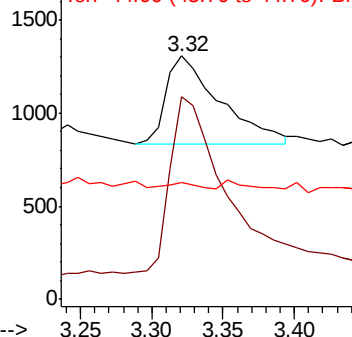
44 2.7 3.2 4.8#



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: 0.193 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

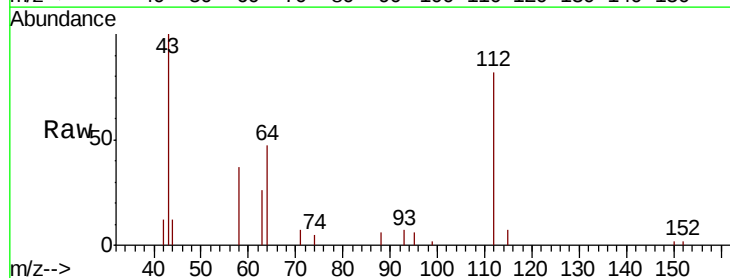
Tgt Ion: 112 Resp: 5697

Ion Ratio Lower Upper

112 100

64 53.5 42.3 63.5

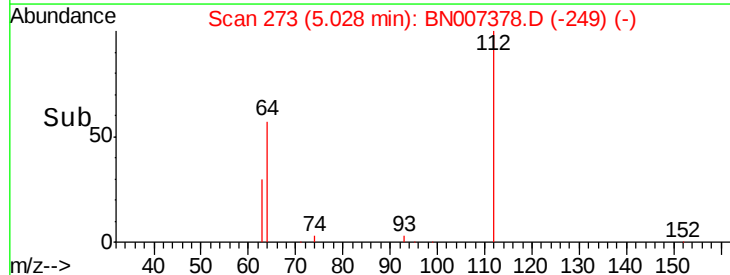
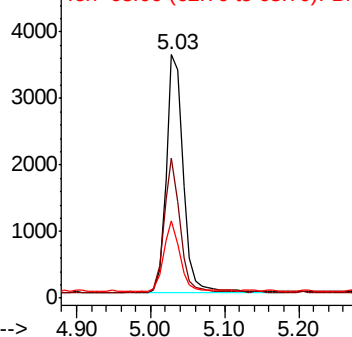
63 27.6 23.6 35.4



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: 0.188 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

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ClientSampleId :

PB122506BS

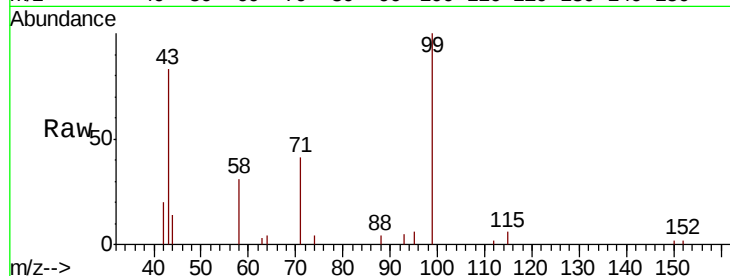
Tgt Ion: 99 Resp: 7131

Ion Ratio Lower Upper

99 100

42 12.6 11.2 16.8

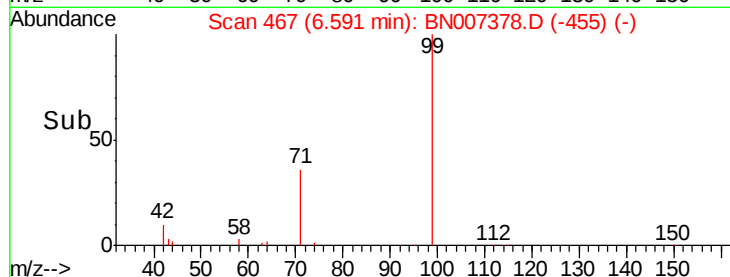
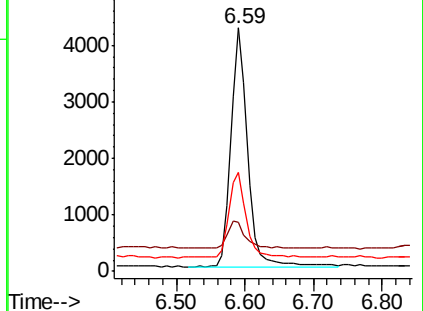
71 35.1 31.8 47.8



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: 0.209 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

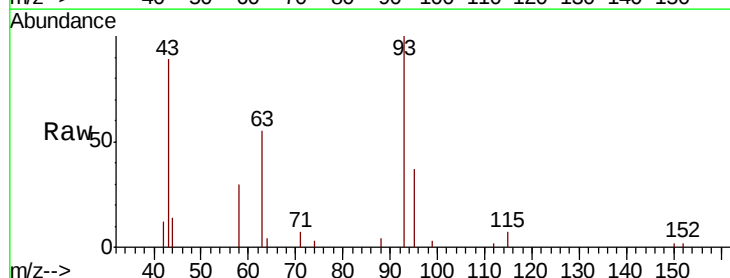
Tgt Ion: 93 Resp: 5971

Ion Ratio Lower Upper

93 100

63 61.2 51.9 77.9

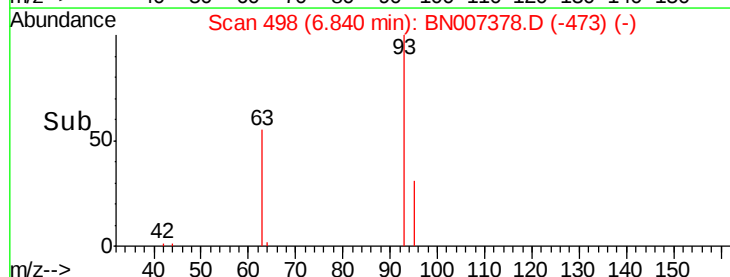
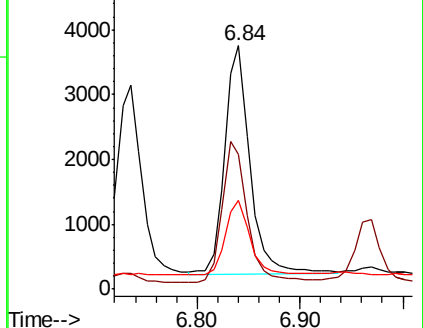
95 31.7 27.7 41.5

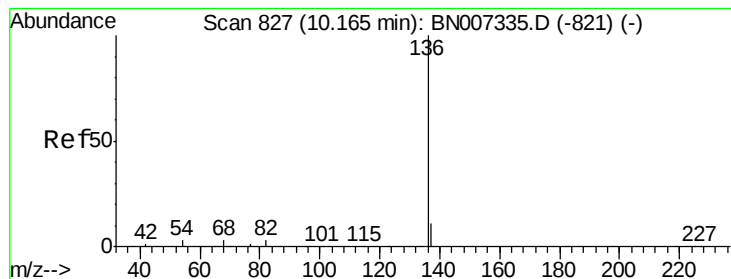


Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

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: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

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Tgt Ion:136 Resp: 30942

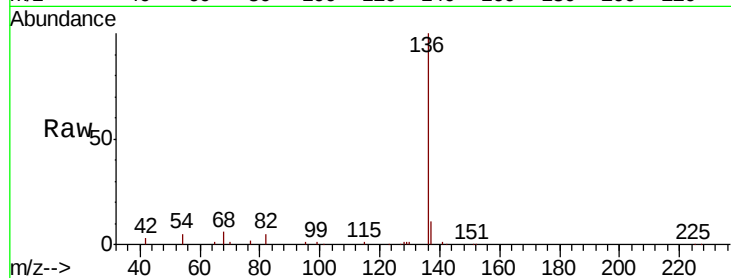
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 5.1 8.6 12.8#

68 6.1 17.0 25.4#

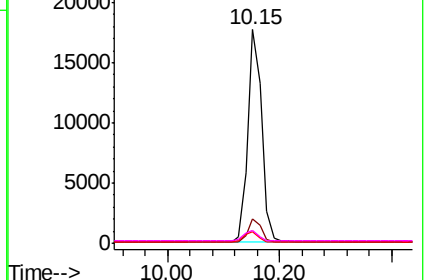
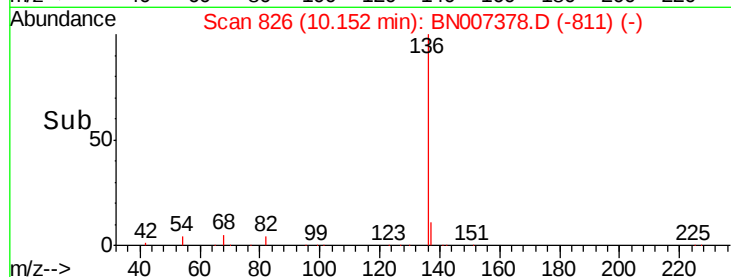


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.197 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

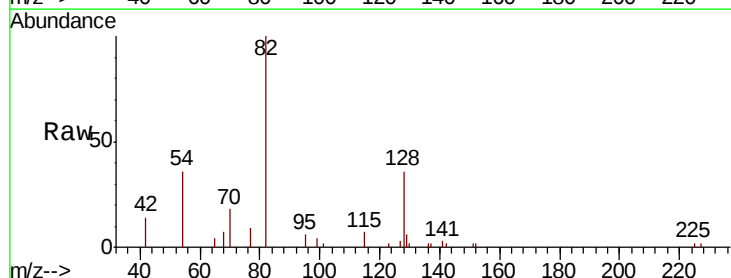
Tgt Ion: 82 Resp: 5297

Ion Ratio Lower Upper

82 100

128 36.4 19.7 29.5#

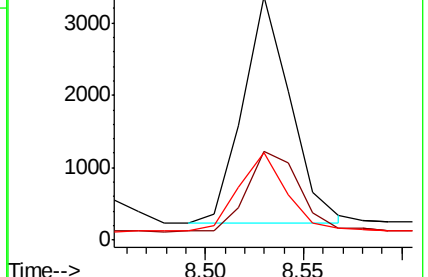
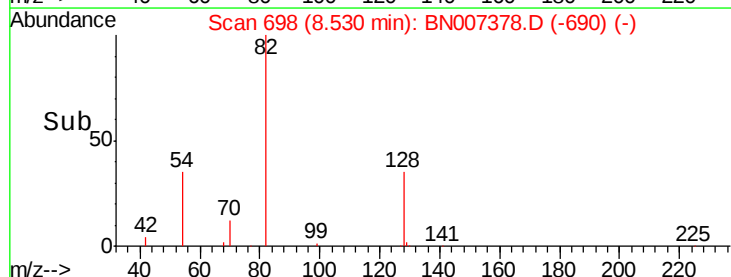
54 35.9 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.218 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

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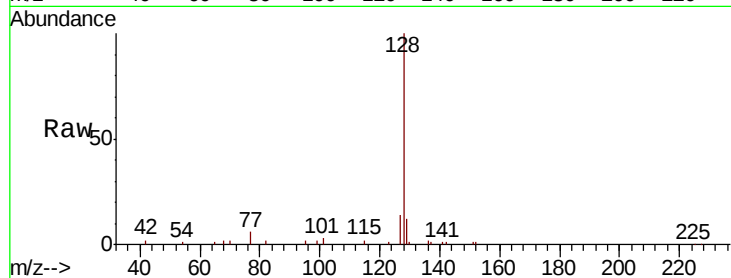
Tgt Ion:128 Resp: 19315

Ion Ratio Lower Upper

128 100

129 11.6 11.1 16.7

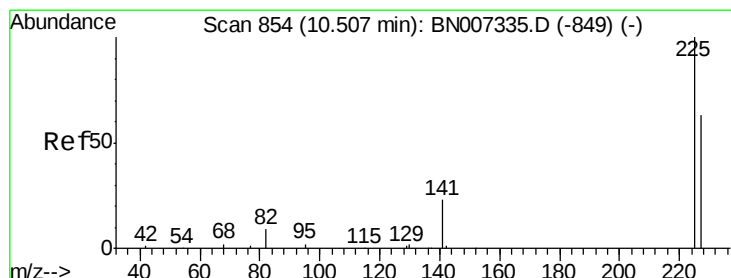
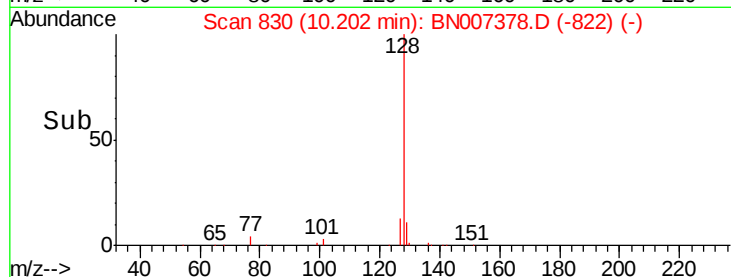
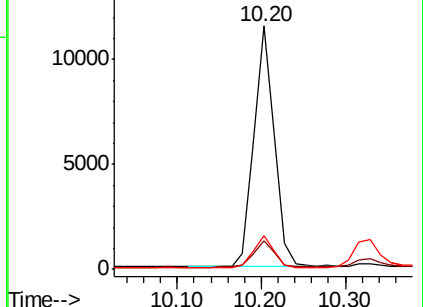
127 13.7 15.5 23.3#



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: 0.214 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

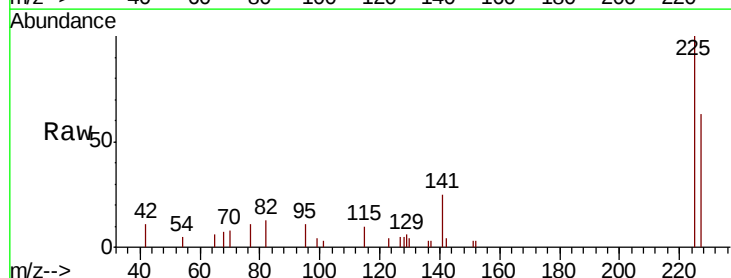
Tgt Ion:225 Resp: 3872

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

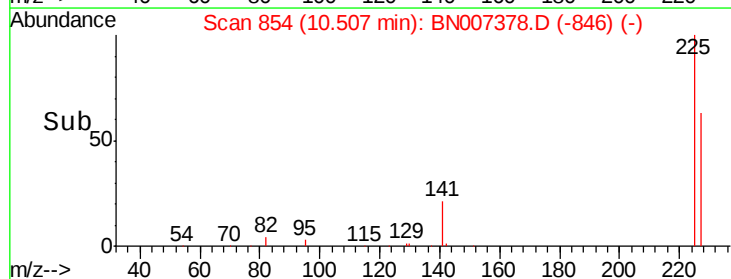
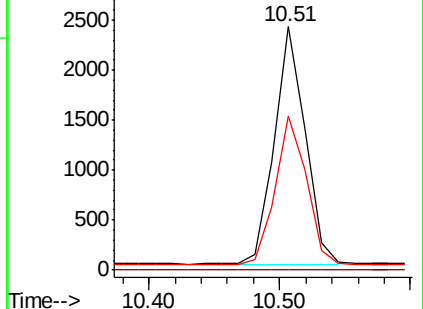
227 63.6 50.7 76.1



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: 0.297 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

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ClientSampleId :

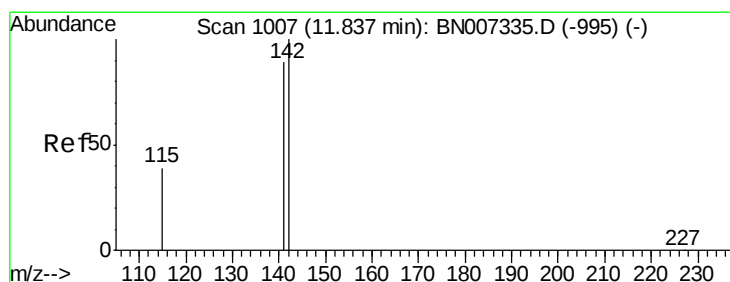
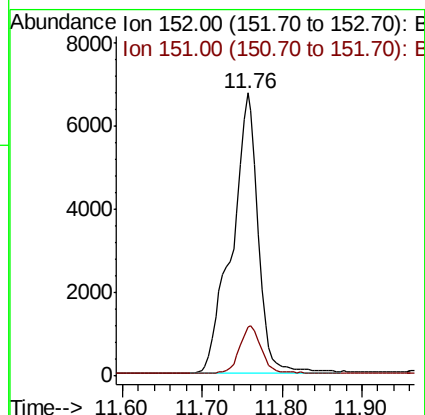
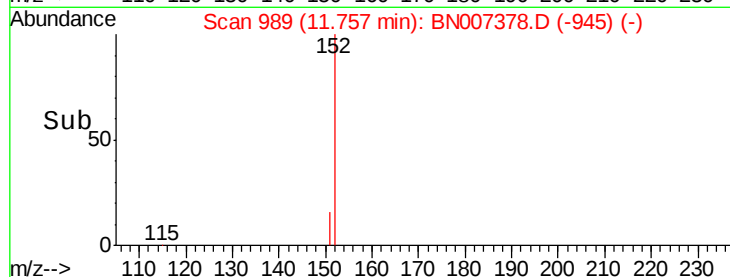
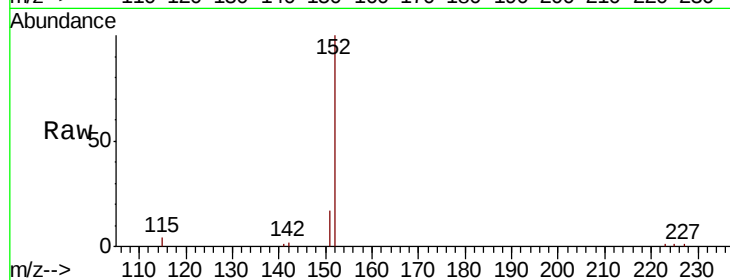
PB122506BS

Tgt Ion:152 Resp: 15296

Ion Ratio Lower Upper

152 100

151 14.1 16.2 24.2#



#12

2-Methylnaphthalene

Concen: 0.212 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

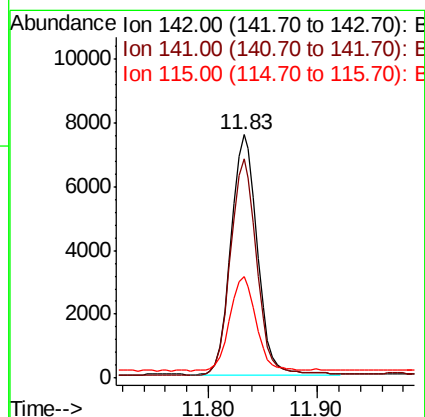
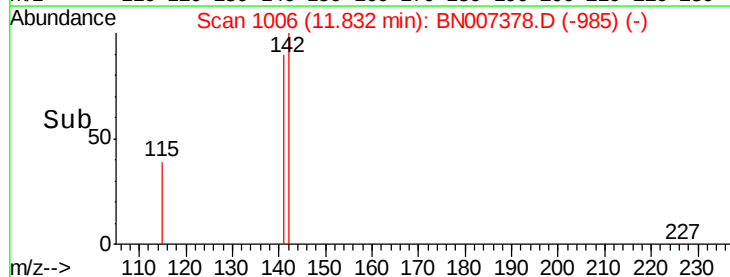
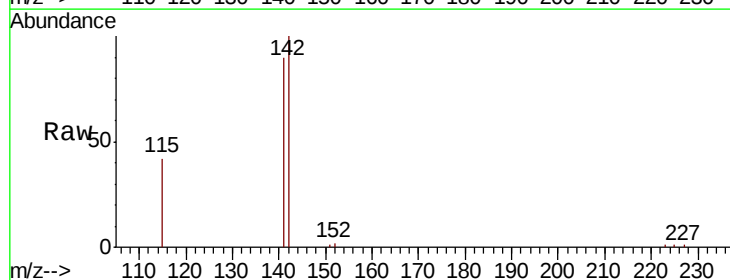
Tgt Ion:142 Resp: 12767

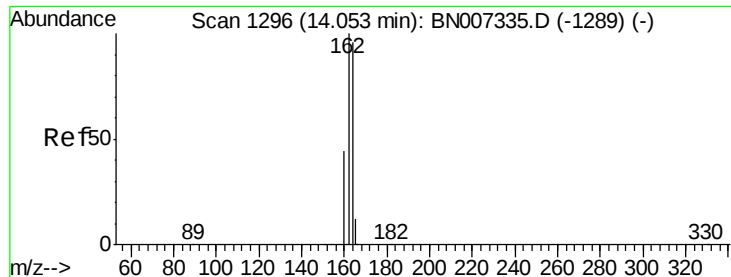
Ion Ratio Lower Upper

142 100

141 90.2 72.8 109.2

115 41.9 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: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

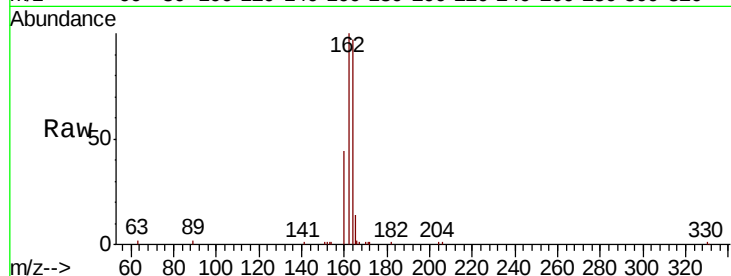
Tgt Ion:164 Resp: 14381

Ion Ratio Lower Upper

164 100

162 103.4 83.5 125.3

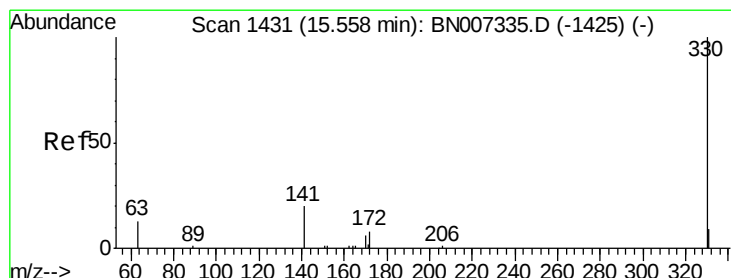
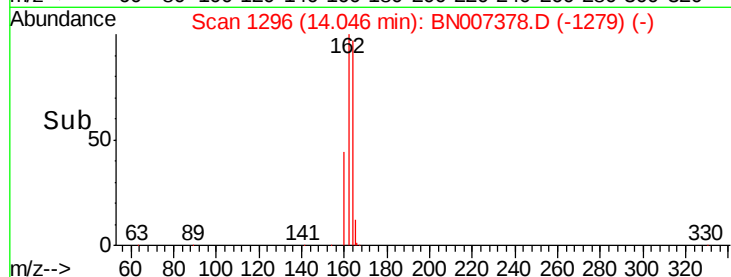
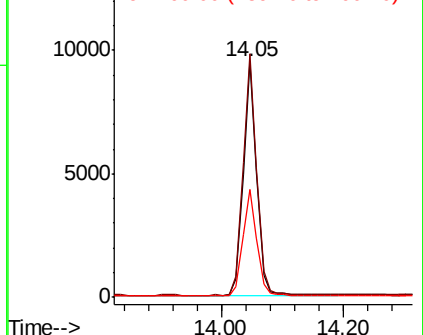
160 46.0 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.137 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

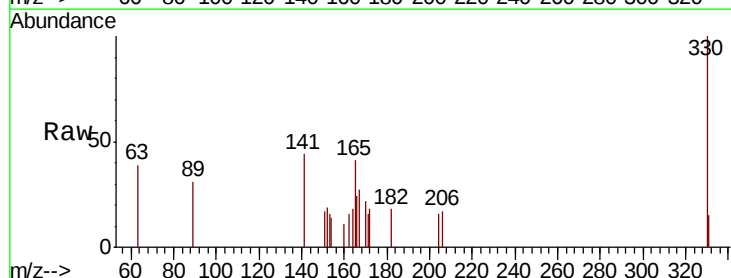
Tgt Ion:330 Resp: 1031

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

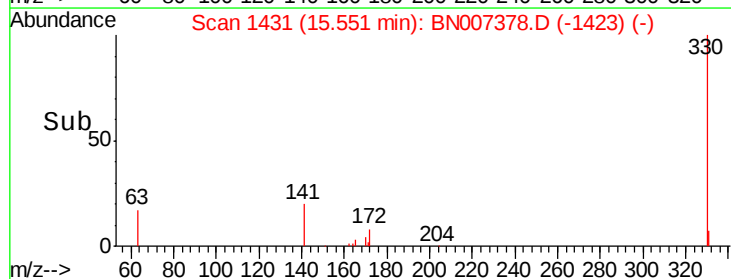
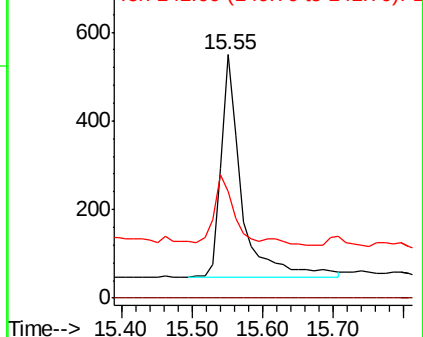
141 27.2 26.9 40.3



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

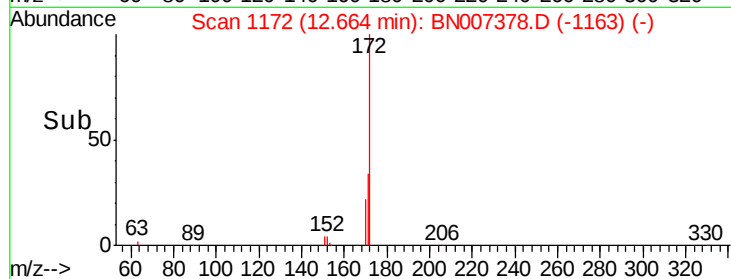
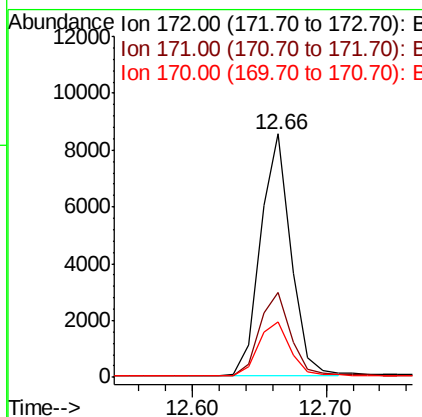
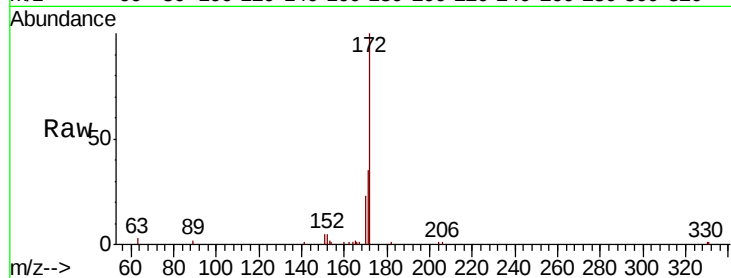




#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

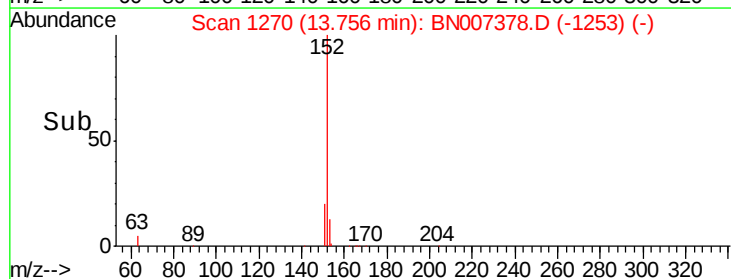
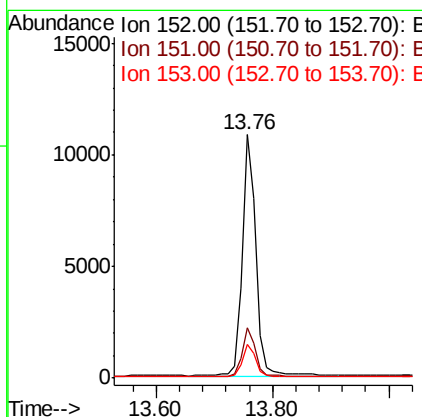
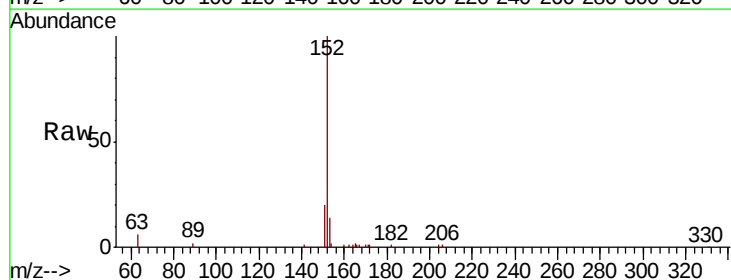
Instrument :
BNA_N
ClientSampleId :
PB122506BS

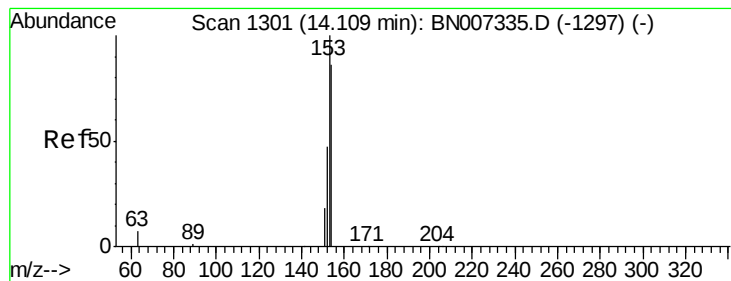
Tgt Ion:172 Resp: 13526
Ion Ratio Lower Upper
172 100
171 34.7 30.3 45.5
170 22.8 20.7 31.1



#16
Acenaphthylene
Concen: 0.208 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:152 Resp: 17724
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.214 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

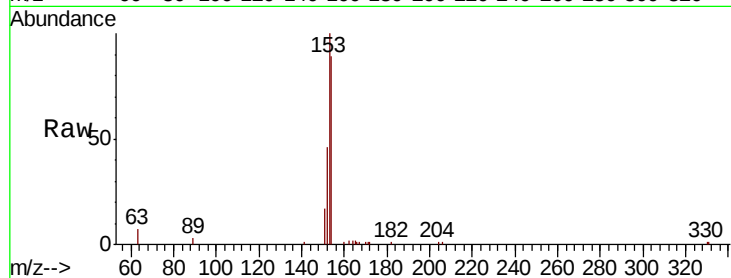
Tgt Ion:154 Resp: 10651

Ion Ratio Lower Upper

154 100

153 115.7 92.8 139.2

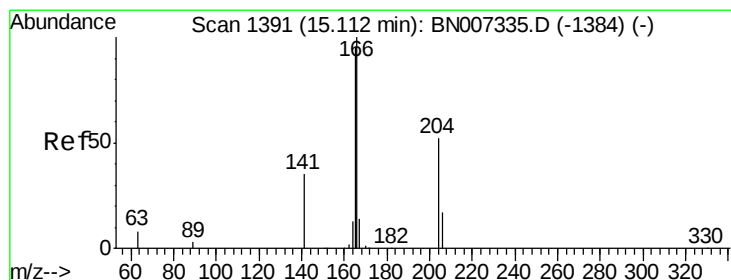
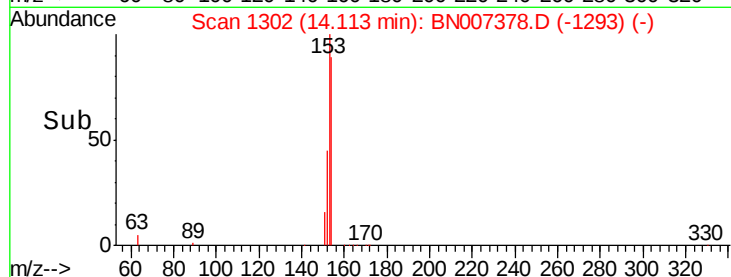
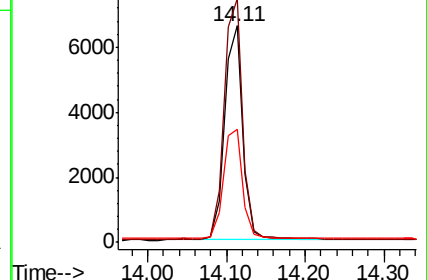
152 53.8 43.8 65.8



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: 0.194 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

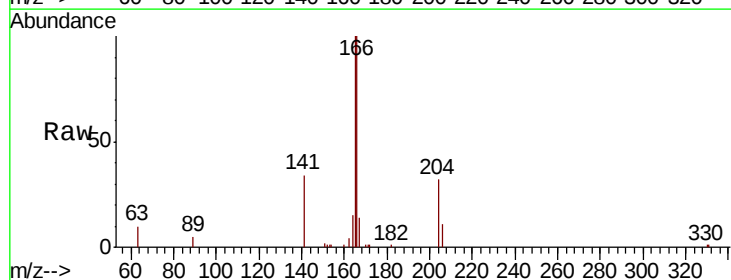
Tgt Ion:166 Resp: 12243

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.4

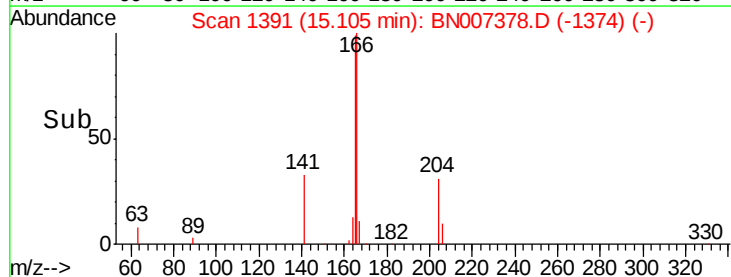
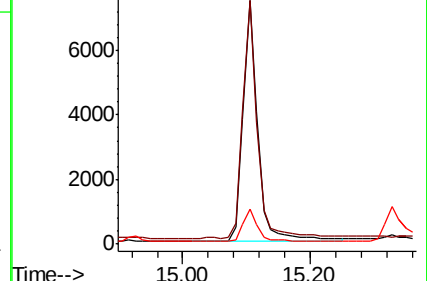
167 13.1 10.6 15.8



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: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

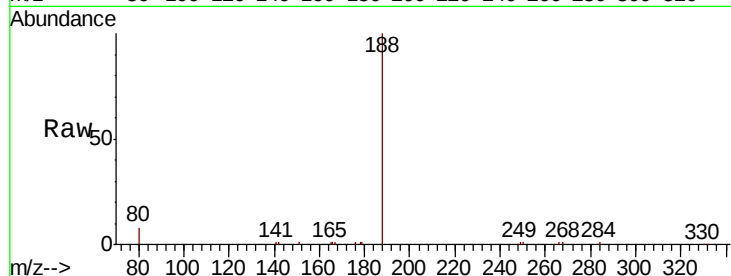
Tgt Ion:188 Resp: 26585

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

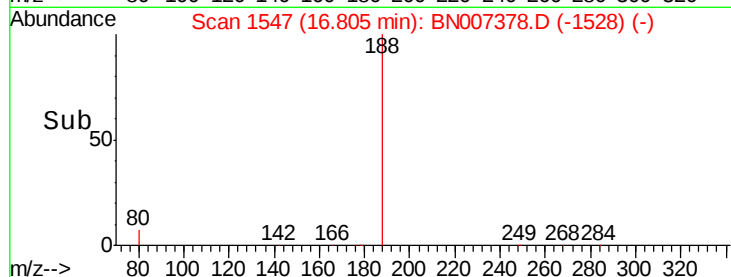
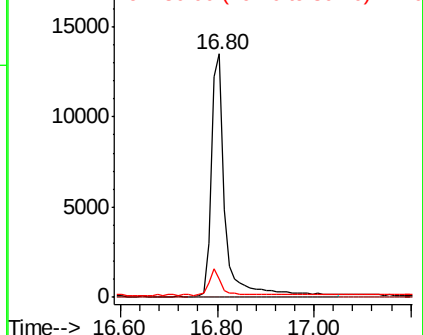
80 7.5 11.8 17.8#



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: 0.243 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

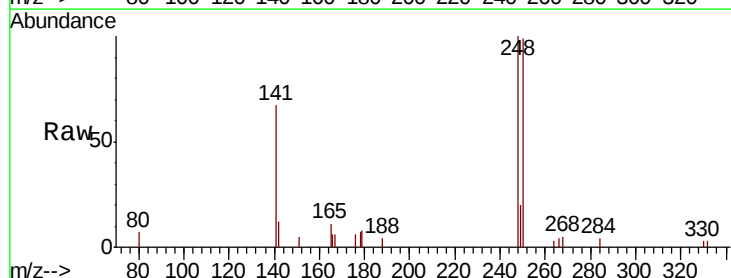
Tgt Ion:248 Resp: 2544

Ion Ratio Lower Upper

248 100

250 99.0 85.0 127.6

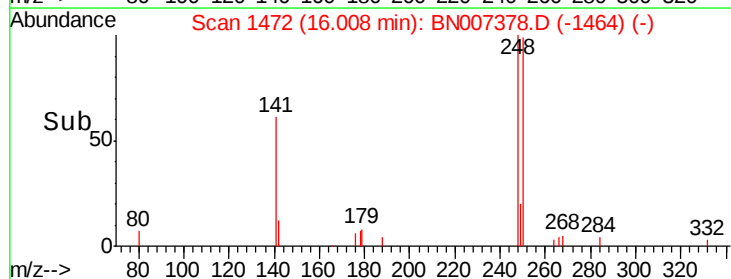
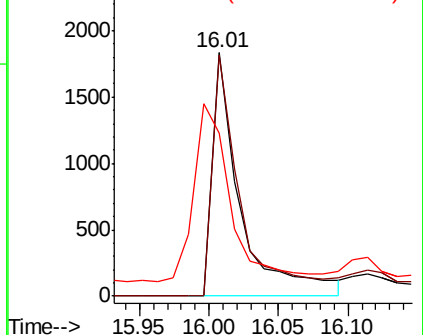
141 67.1 51.7 77.5



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

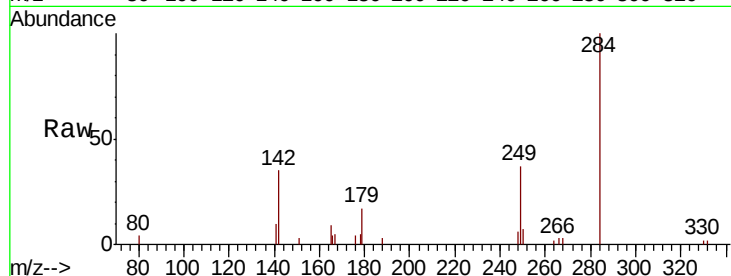




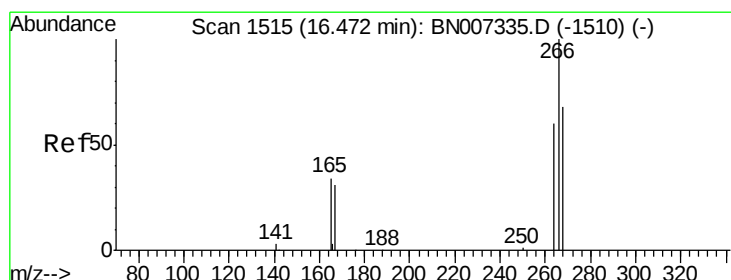
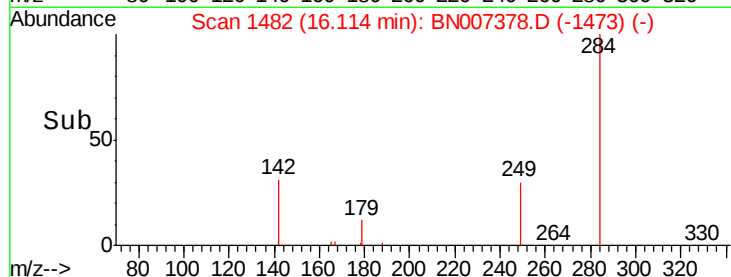
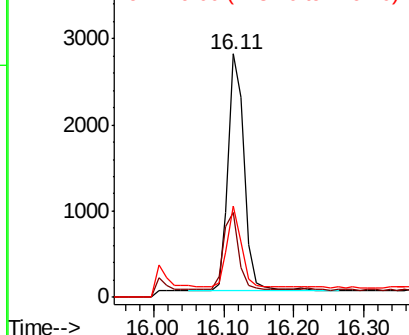
#21
Hexachlorobenzene
Concen: 0.246 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Instrument :
BNA_N
ClientSampleId :
PB122506BS

Tgt Ion:284 Resp: 4390
Ion Ratio Lower Upper
284 100
142 31.4 29.0 43.6
249 29.6 24.9 37.3

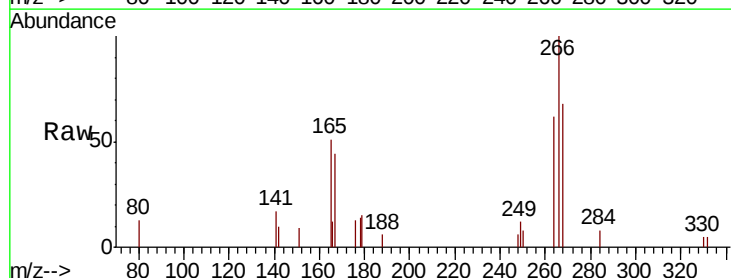


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

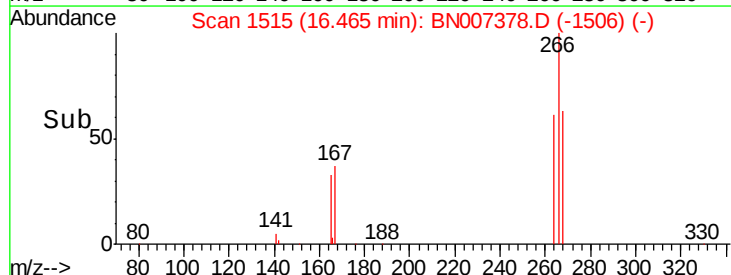
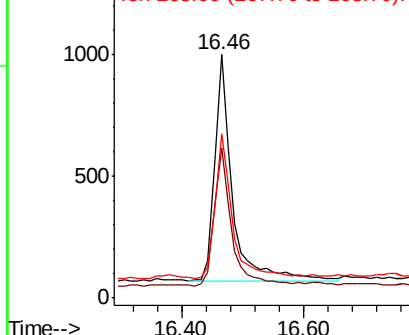


#22
Pentachlorophenol
Concen: 0.333 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007378.D
Acq: 25 Aug 2019 01:18

Tgt Ion:266 Resp: 1844
Ion Ratio Lower Upper
266 100
264 61.9 57.8 86.8
268 67.6 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: 0.209 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

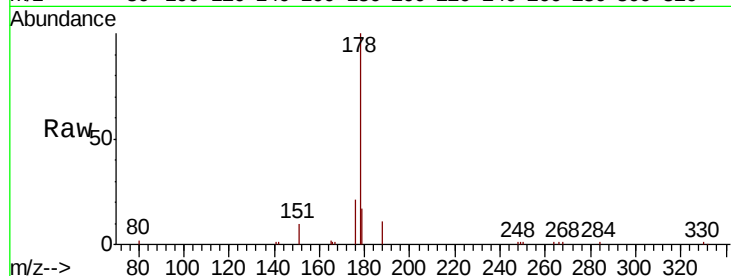
Tgt Ion:178 Resp: 16708

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

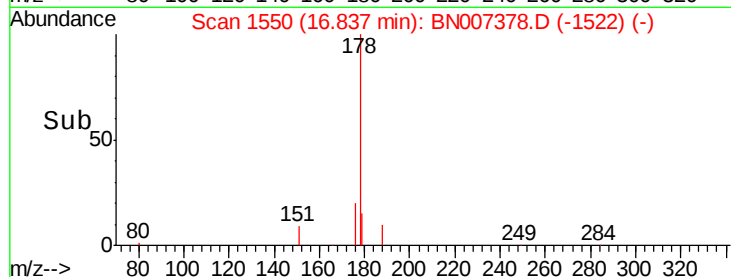
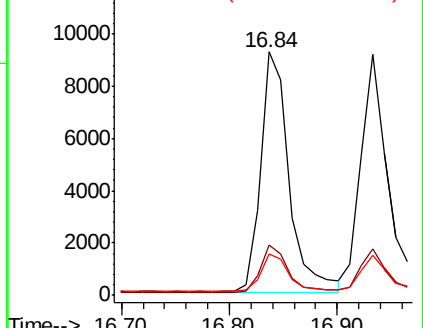
179 15.7 12.6 19.0



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: 0.195 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

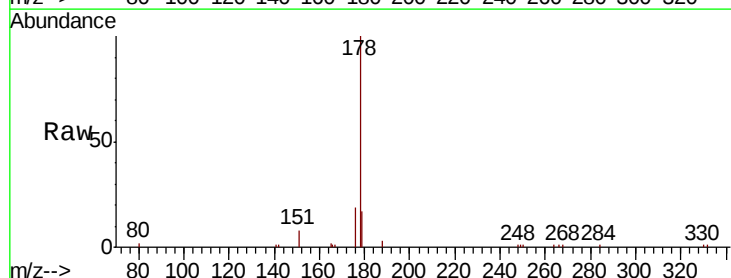
Tgt Ion:178 Resp: 15723

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

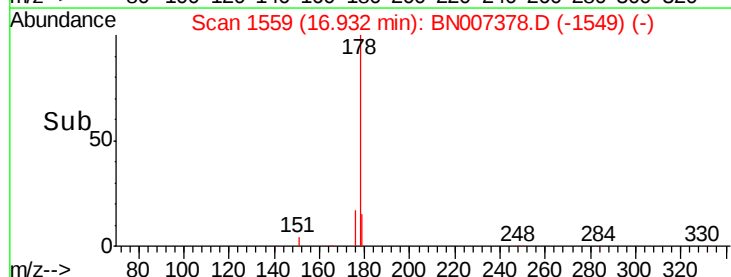
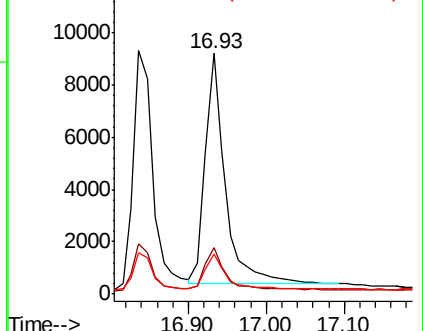
179 14.8 12.4 18.6



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: 0.196 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

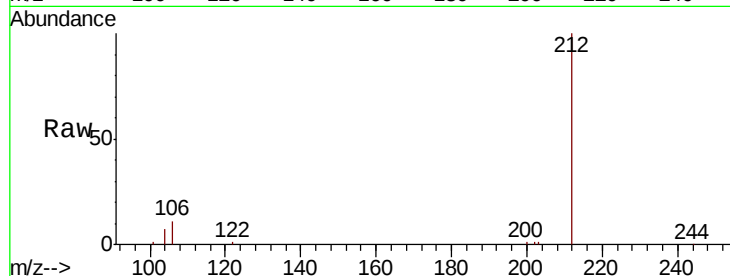
Tgt Ion:212 Resp: 16823

Ion Ratio Lower Upper

212 100

106 11.1 9.0 13.4

104 6.4 5.4 8.2

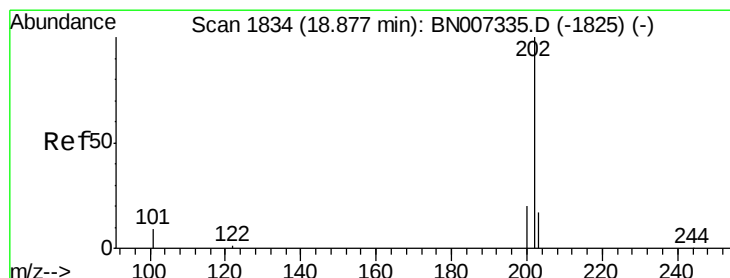
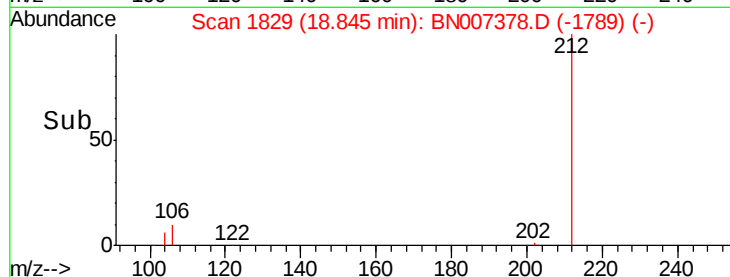
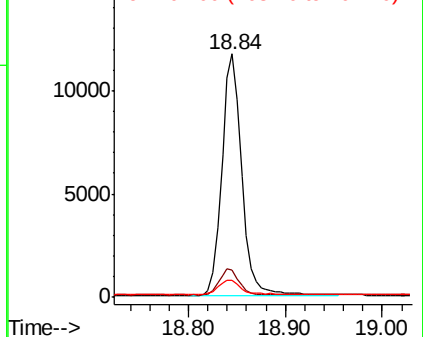


Abundance

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: 0.208 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

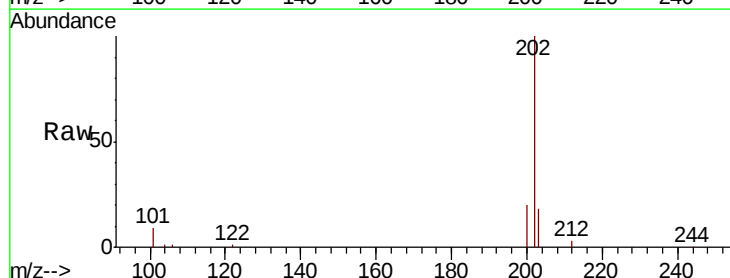
Tgt Ion:202 Resp: 21400

Ion Ratio Lower Upper

202 100

101 9.4 7.7 11.5

203 17.1 13.7 20.5

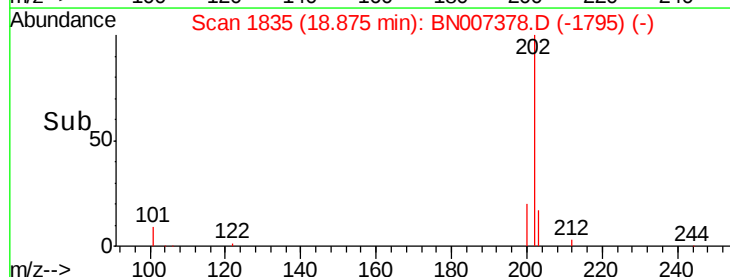
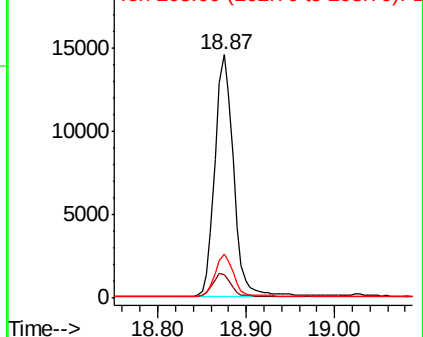


Abundance

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: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

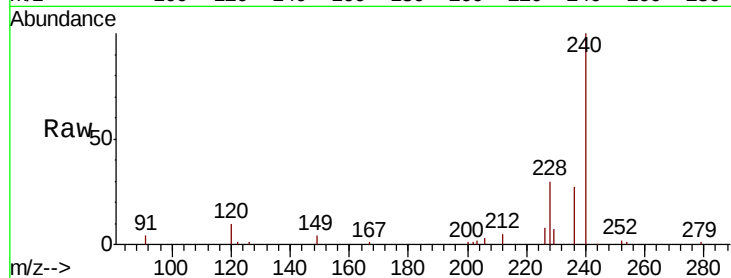
Tgt Ion:240 Resp: 23323

Ion Ratio Lower Upper

240 100

120 10.2 9.6 14.4

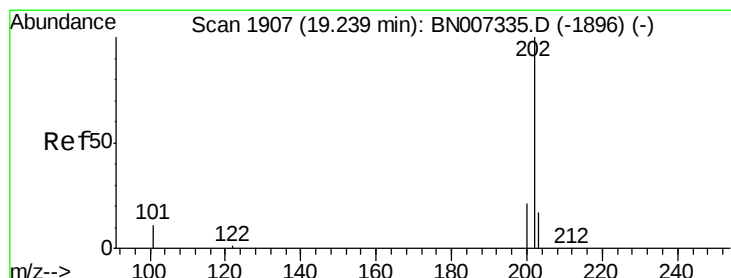
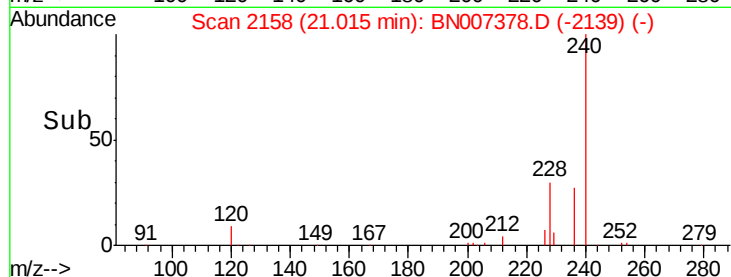
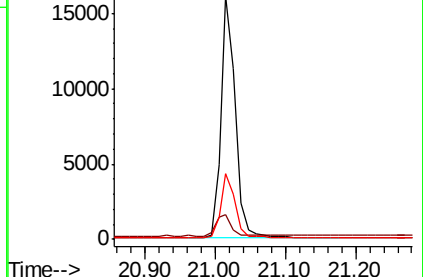
236 27.2 22.2 33.2



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: 0.230 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

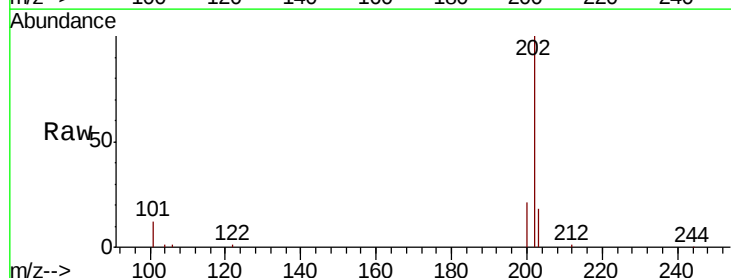
Tgt Ion:202 Resp: 21594

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

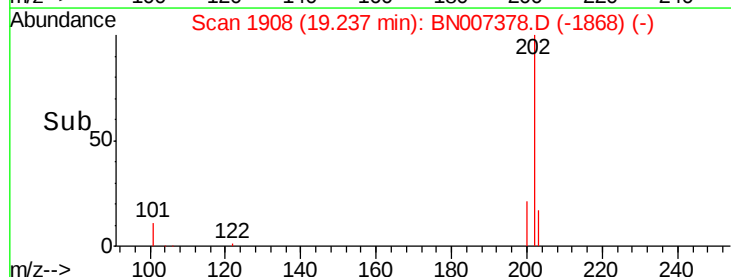
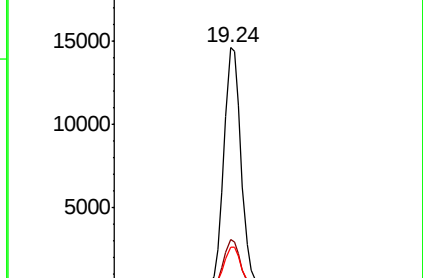
203 18.0 14.2 21.4

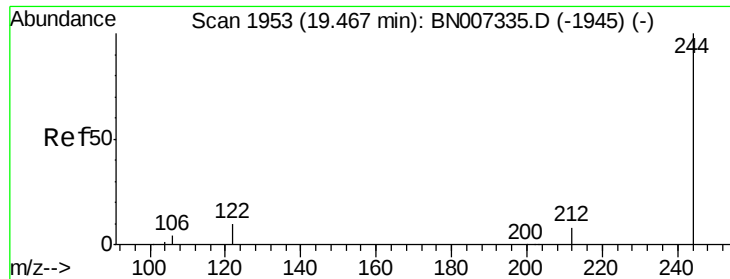


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.208 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

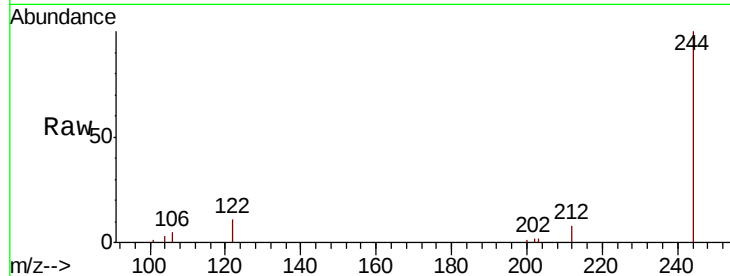
Tgt Ion:244 Resp: 12681

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

122 10.7 9.6 14.4

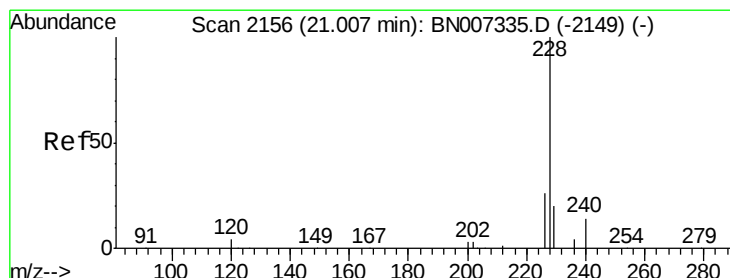
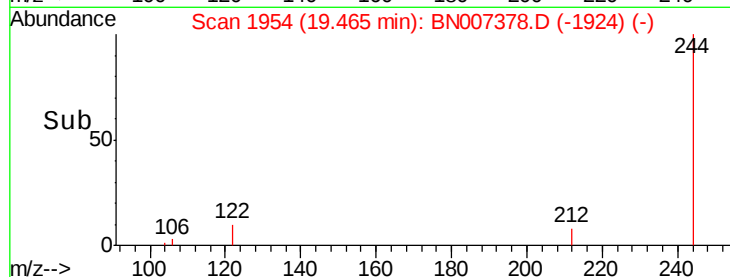
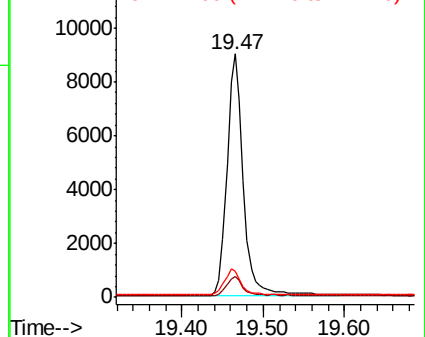


Abundance

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: 0.214 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

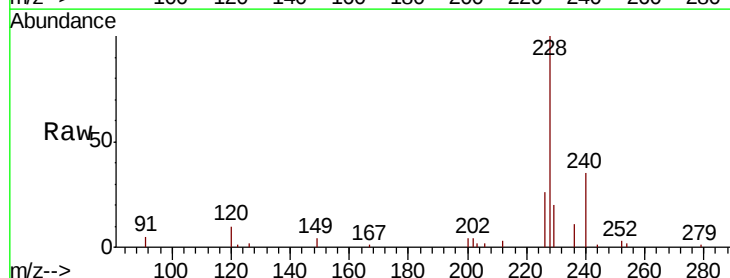
Tgt Ion:228 Resp: 19589

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

229 20.1 16.1 24.1

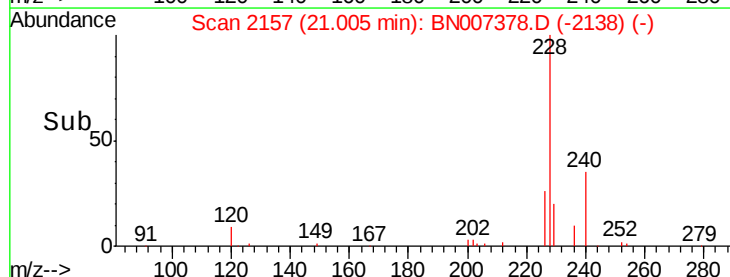
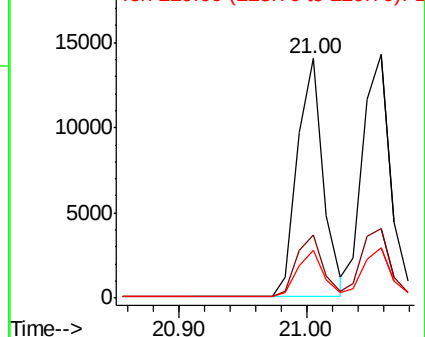


Abundance

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: 0.243 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

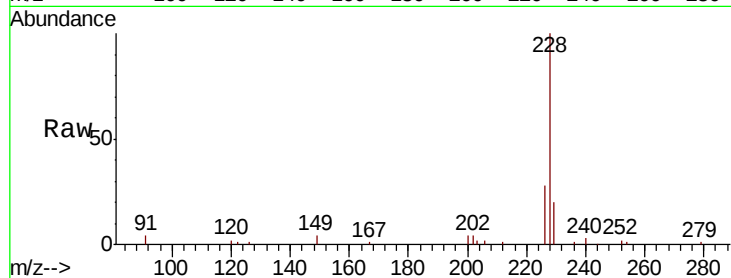
Tgt Ion:228 Resp: 21494

Ion Ratio Lower Upper

228 100

226 28.4 23.5 35.3

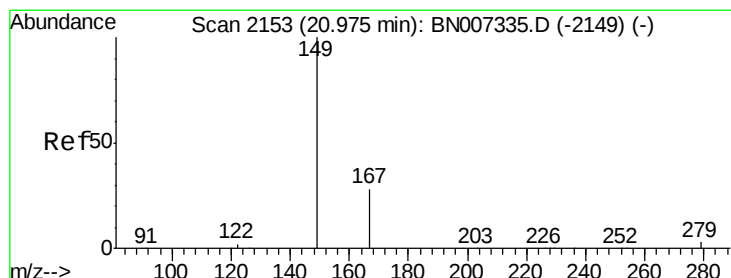
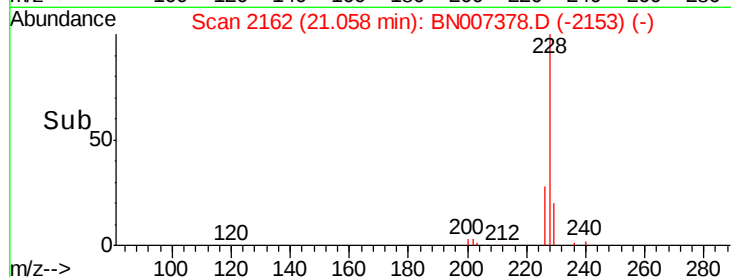
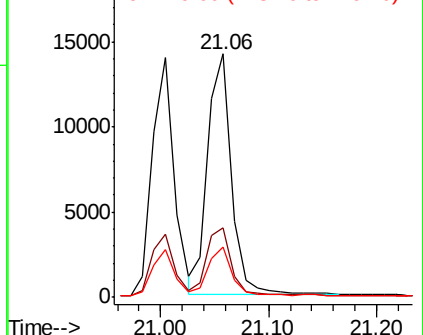
229 20.4 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.141 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

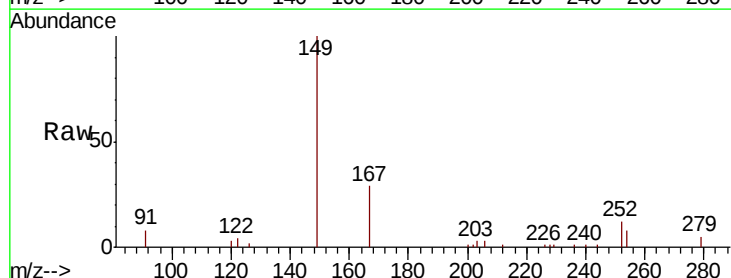
Tgt Ion:149 Resp: 9499

Ion Ratio Lower Upper

149 100

167 27.4 22.8 34.2

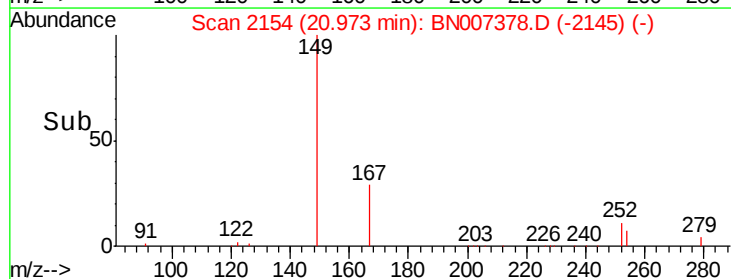
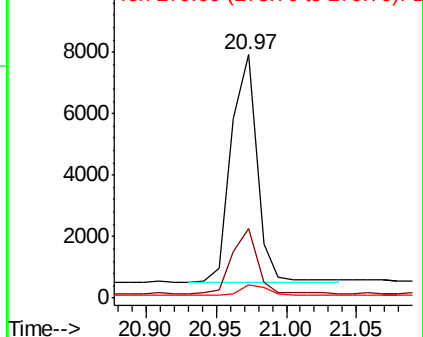
279 4.5 3.5 5.3



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: 0.271 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

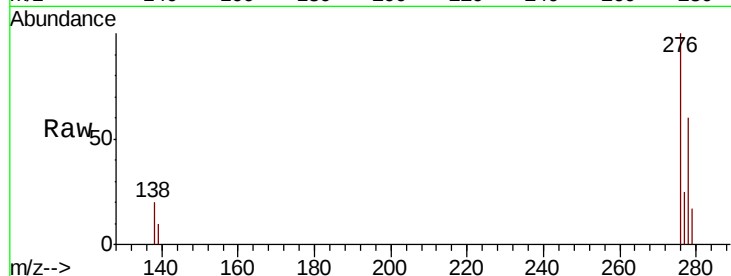
Tgt Ion:276 Resp: 28816

Ion Ratio Lower Upper

276 100

138 18.7 15.1 22.7

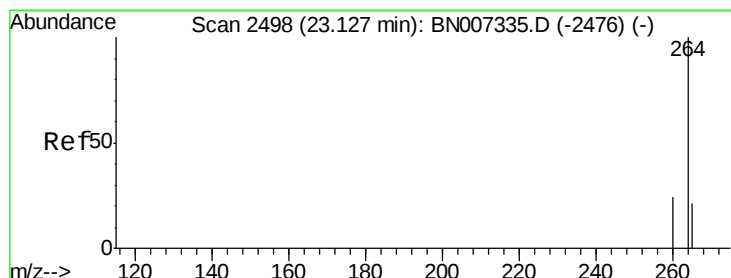
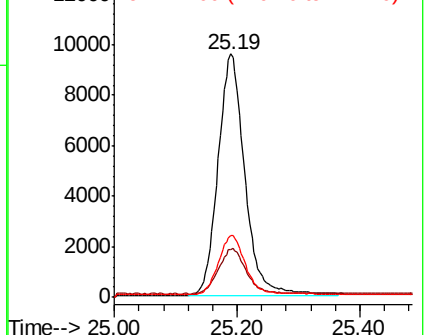
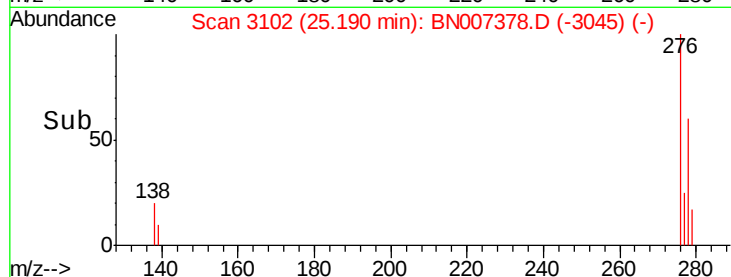
277 24.2 19.7 29.5



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: BN007378.D

Acq: 25 Aug 2019 01:18

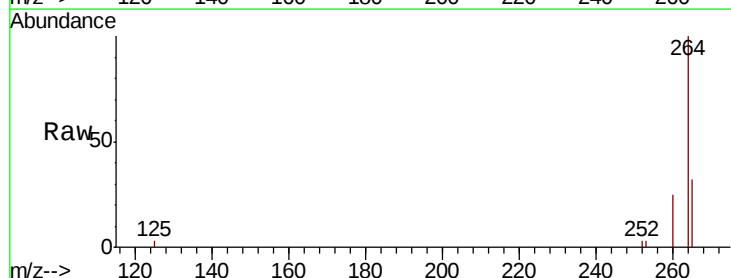
Tgt Ion:264 Resp: 28183

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

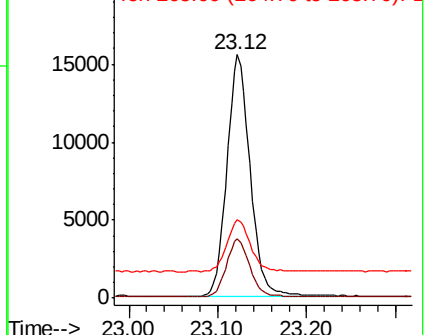
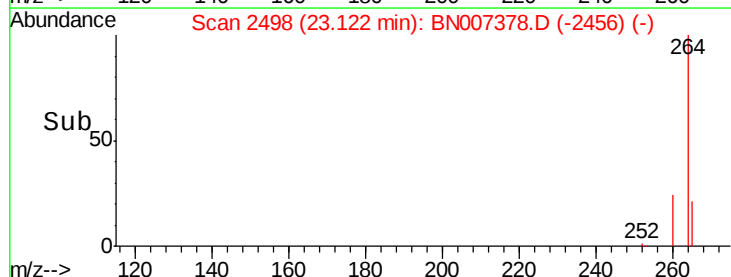
265 32.0 29.9 44.9

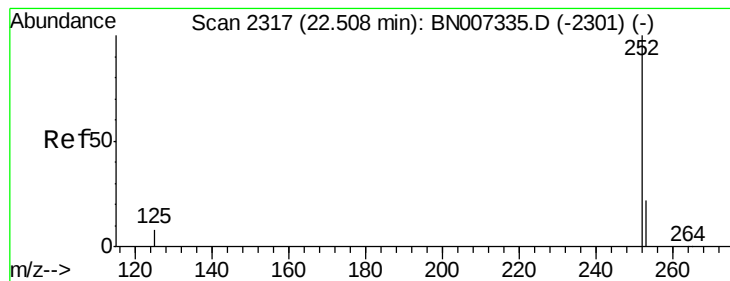


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.221 ng

RT: 22.50 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

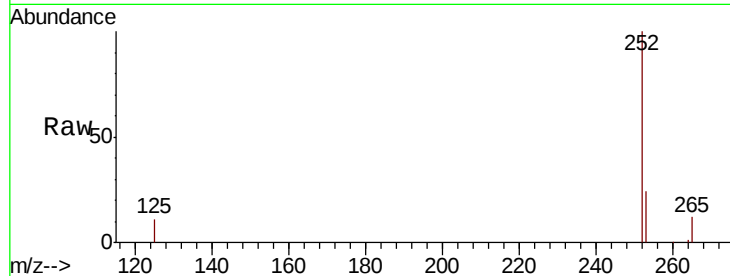
Tgt Ion:252 Resp: 22603

Ion Ratio Lower Upper

252 100

253 24.1 19.2 28.8

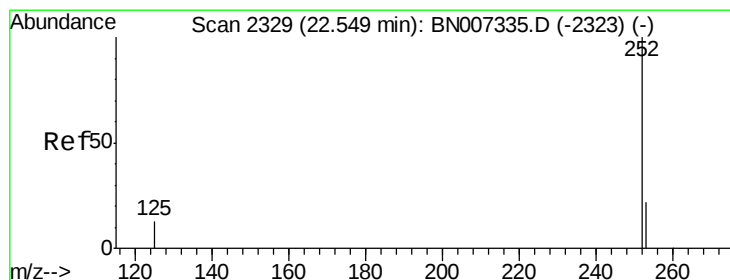
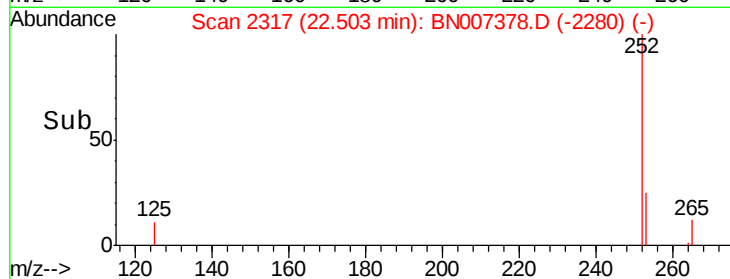
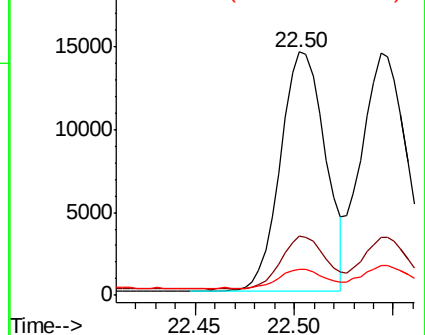
125 10.8 10.6 16.0



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: 0.233 ng

RT: 22.54 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

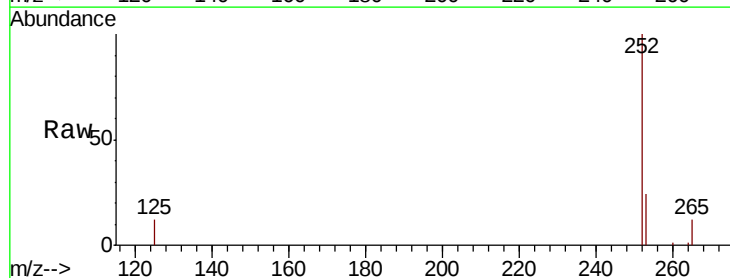
Tgt Ion:252 Resp: 23479

Ion Ratio Lower Upper

252 100

253 24.0 19.4 29.2

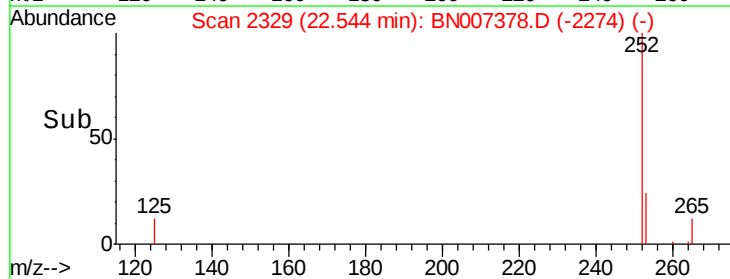
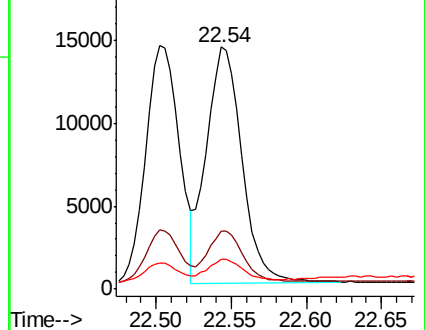
125 12.2 13.1 19.7#



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: 0.230 ng

RT: 23.03 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS

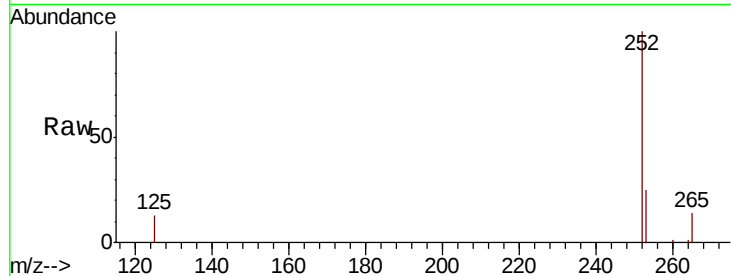
Tgt Ion:252 Resp: 22331

Ion Ratio Lower Upper

252 100

253 24.8 19.5 29.3

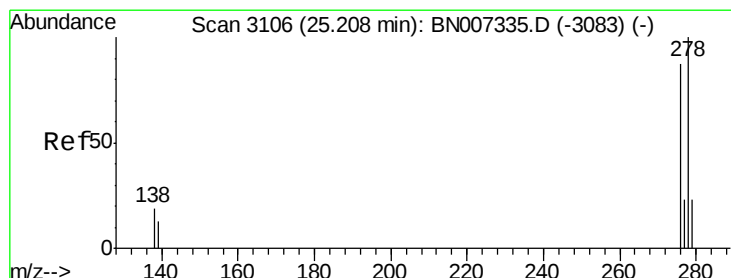
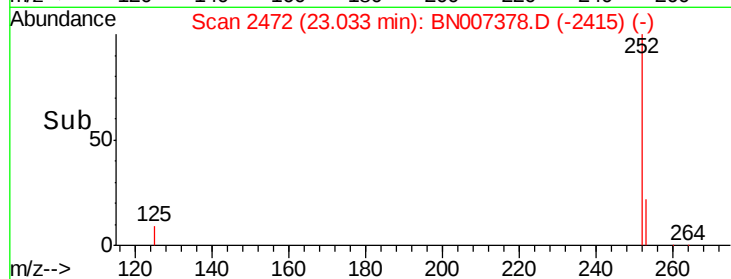
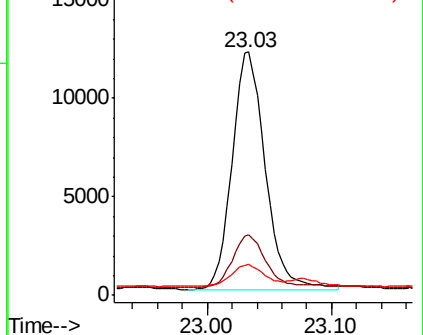
125 12.6 12.1 18.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.242 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007378.D

Acq: 25 Aug 2019 01:18

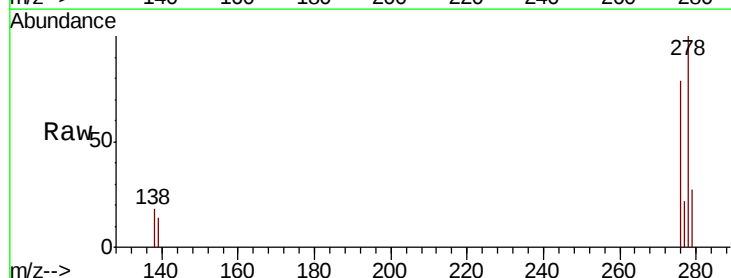
Tgt Ion:278 Resp: 23420

Ion Ratio Lower Upper

278 100

139 14.4 13.7 20.5

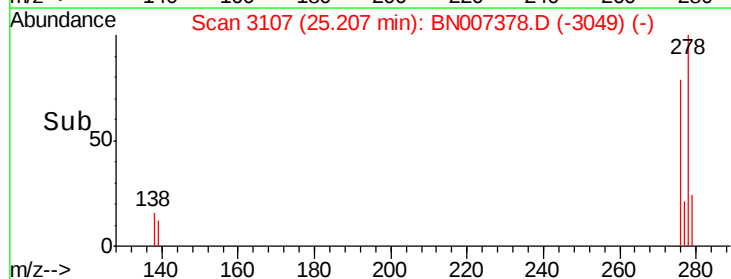
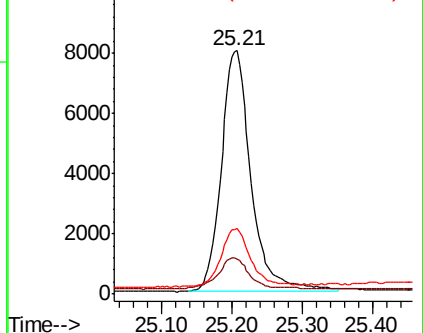
279 26.9 20.2 30.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.260 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007378.D

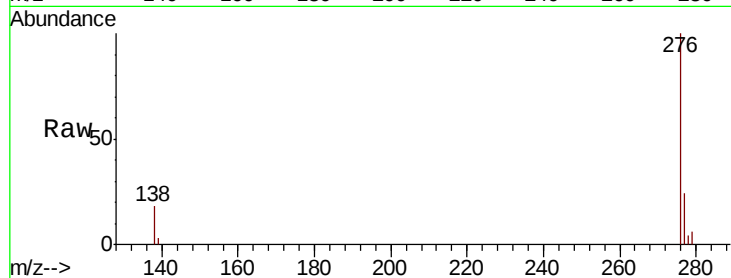
Acq: 25 Aug 2019 01:18

Instrument :

BNA_N

ClientSampleId :

PB122506BS



Tgt Ion: 276 Resp: 25096

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 18.0 16.3 24.5

