

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007427.D
 Acq On : 27 Aug 2019 01:35
 Operator : HP/JU
 Sample : PB122552BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122552BS

Quant Time: Aug 27 05:48:38 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	5314	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	20956	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	11442	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	22072	0.40	ng	0.00
27) Chrysene-d12	21.02	240	24804	0.40	ng	0.00
34) Perylene-d12	23.13	264	27734	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	7396	0.40	ng	0.00
5) Phenol-d6	6.59	99	9376	0.40	ng	0.00
8) Nitrobenzene-d5	8.53	82	7299	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	15167	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2423	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	17534	0.38	ng	0.00
25) Fluoranthene-d10	18.84	212	31834	0.45	ng	0.00
29) Terphenyl-d14	19.47	244	24468	0.38	ng	0.00

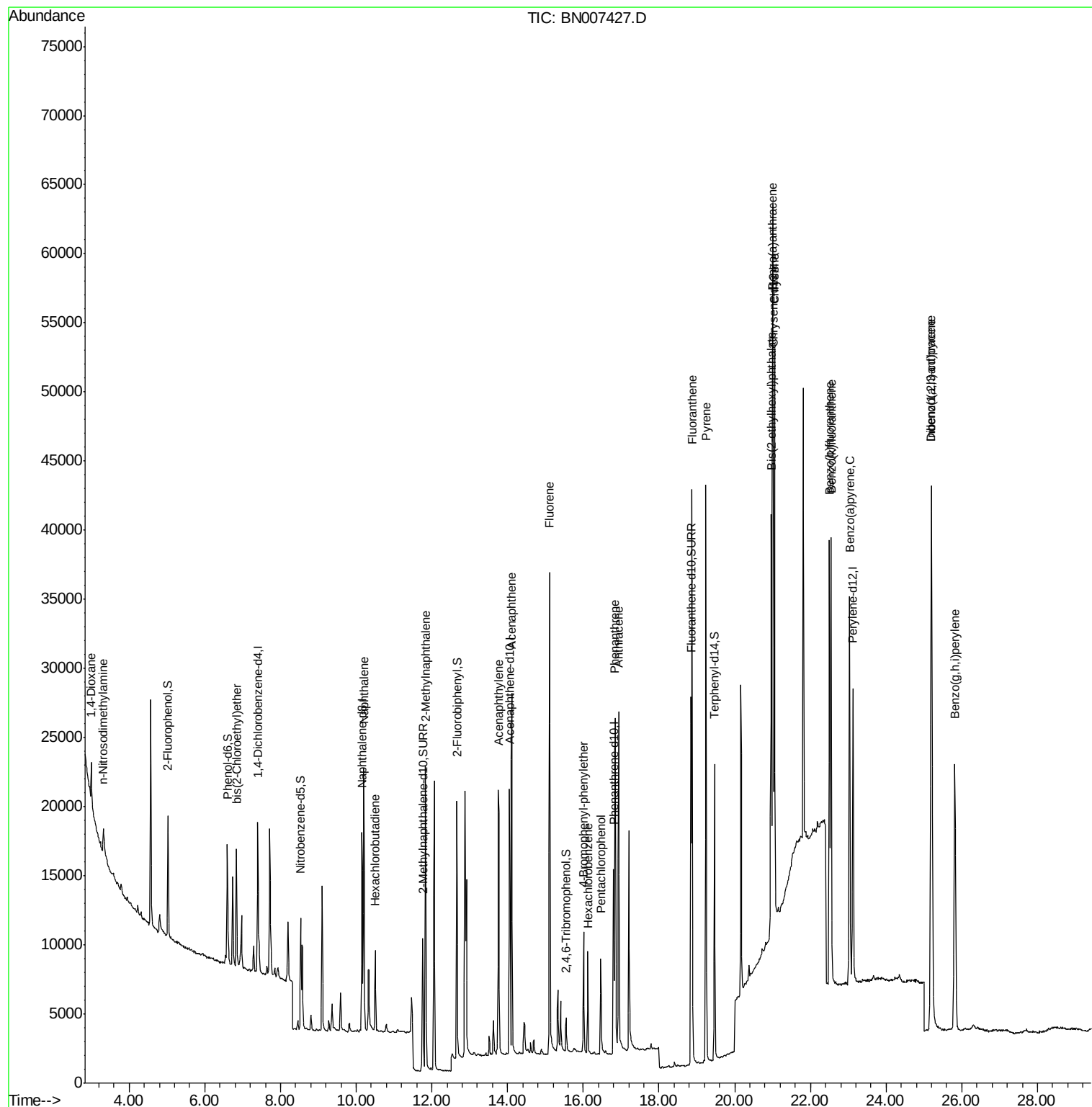
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2468	0.280	ng	# 95
3) n-Nitrosodimethylamine	3.31	42	1392	0.339	ng	# 72
6) bis(2-Chloroethyl)ether	6.84	93	7536	0.393	ng	95
9) Naphthalene	10.20	128	24588	0.411	ng	# 91
10) Hexachlorobutadiene	10.51	225	4629	0.377	ng	# 98
12) 2-Methylnaphthalene	11.83	142	16313	0.400	ng	97
16) Acenaphthylene	13.76	152	24953	0.369	ng	99
17) Acenaphthene	14.11	154	14617	0.369	ng	98
18) Fluorene	15.10	166	17923	0.358	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	3823	0.439	ng	96
21) Hexachlorobenzene	16.12	284	6295	0.426	ng	95
22) Pentachlorophenol	16.46	266	3973	0.864	ng	# 63
23) Phenanthrene	16.84	178	28031	0.422	ng	99
24) Anthracene	16.93	178	27283	0.409	ng	99
26) Fluoranthene	18.87	202	37897	0.445	ng	99
28) Pyrene	19.24	202	39250	0.393	ng	99
30) Benzo(a)anthracene	21.00	228	38491	0.395	ng	98
31) Chrysene	21.06	228	38421	0.409	ng	99
32) Bis(2-ethylhexyl)phthalate	20.96	149	23961	0.361	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	46121	0.407	ng	99
35) Benzo(b)fluoranthene	22.51	252	40299	0.401	ng	# 95
36) Benzo(k)fluoranthene	22.55	252	39981	0.403	ng	98
37) Benzo(a)pyrene	23.03	252	39306	0.411	ng	# 95
38) Dibenzo(a,h)anthracene	25.20	278	37912	0.397	ng	# 94
39) Benzo(g,h,i)perylene	25.82	276	39239	0.413	ng	97

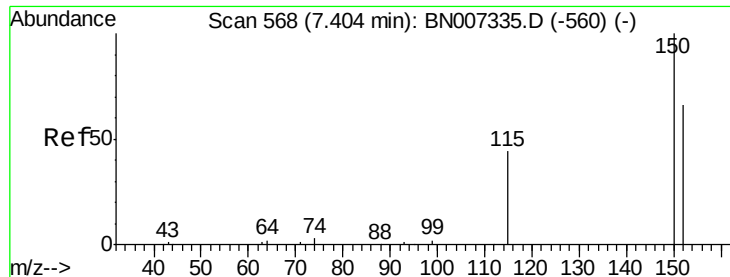
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
Data File : BN007427.D
Acq On : 27 Aug 2019 01:35
Operator : HP/JU
Sample : PB122552BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB122552BS

Quant Time: Aug 27 05:48:38 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



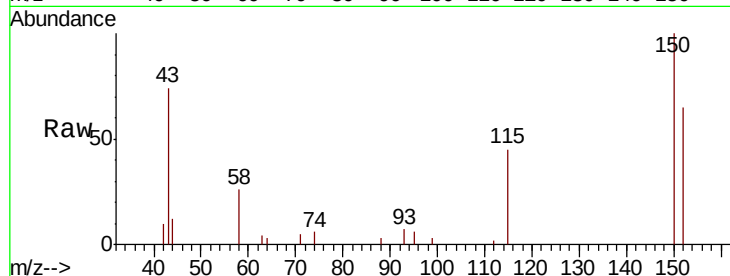


#1

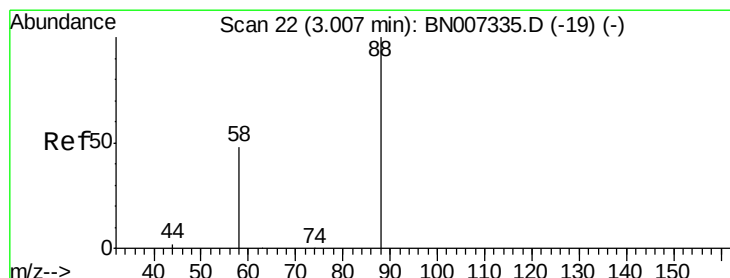
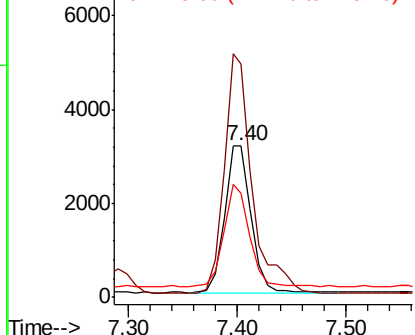
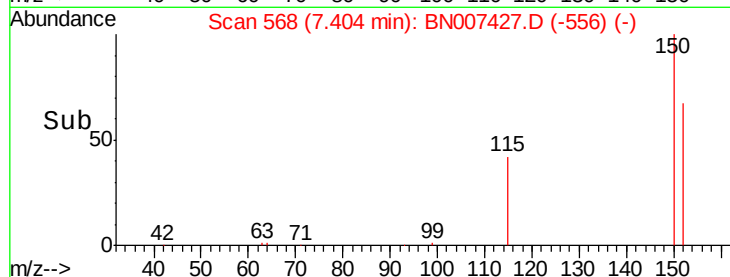
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007427.D
Acq: 27 Aug 2019 01:35

Instrument :
BNA_N
ClientSampleId :
PB122552BS

Tot Ion:152 Resp: 5314
Ion Ratio Lower Upper
152 100
150 153.3 109.1 163.7
115 68.6 59.6 89.4



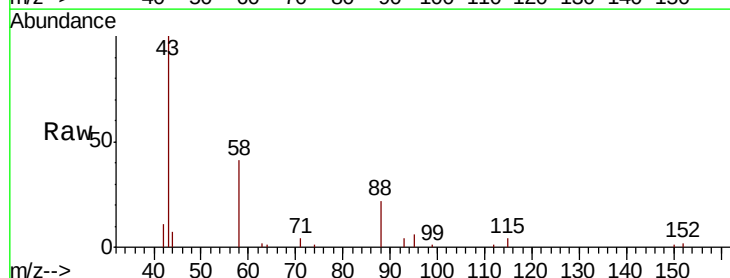
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



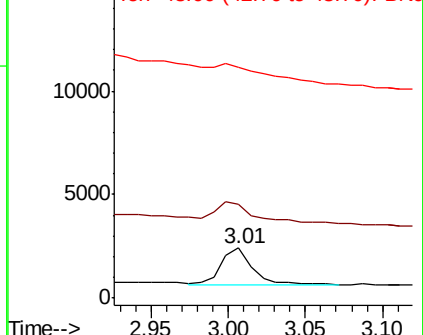
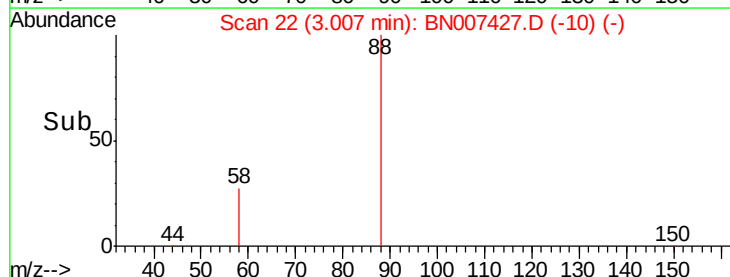
#2

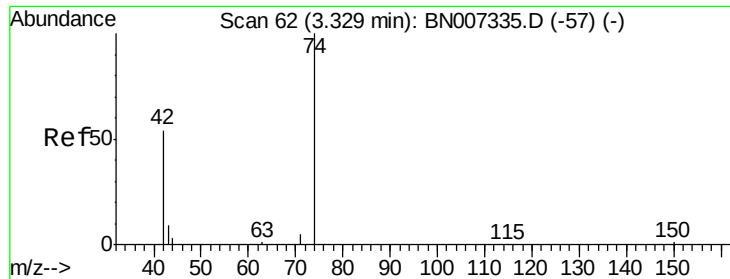
1,4-Dioxane
Concen: 0.280 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007427.D
Acq: 27 Aug 2019 01:35

Tgt Ion: 88 Resp: 2468
Ion Ratio Lower Upper
88 100
58 66.8 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: 0.339 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

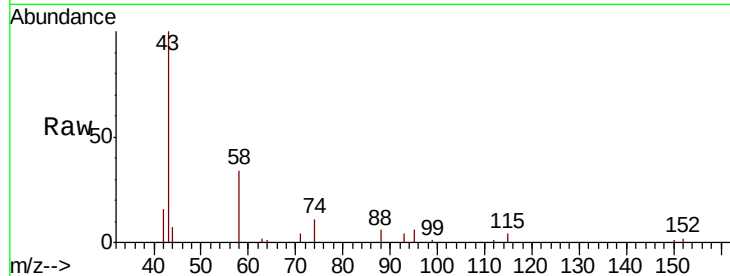
Tot Ion: 42 Resp: 1392

Ion Ratio Lower Upper

42 100

74 220.8 144.7 217.1#

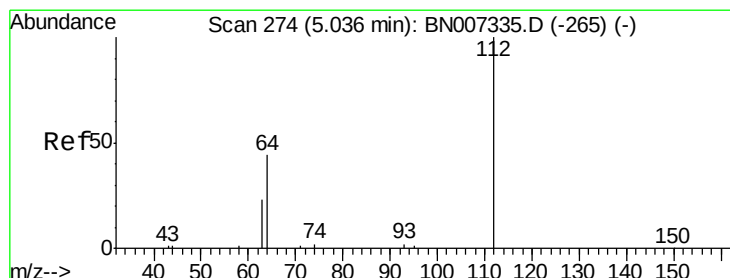
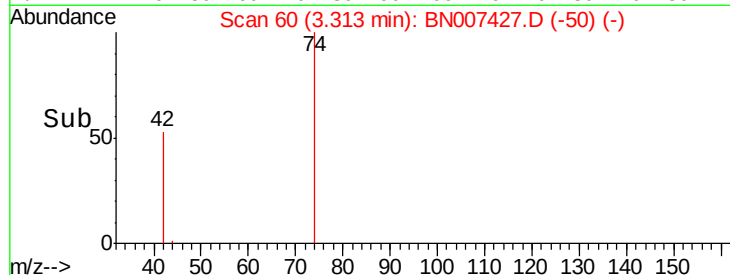
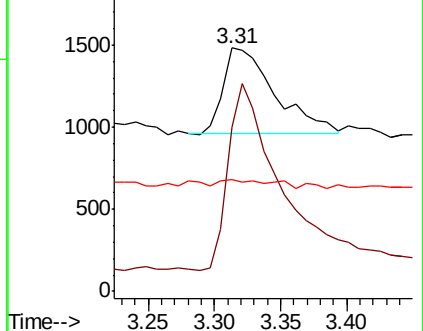
44 9.5 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.401 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

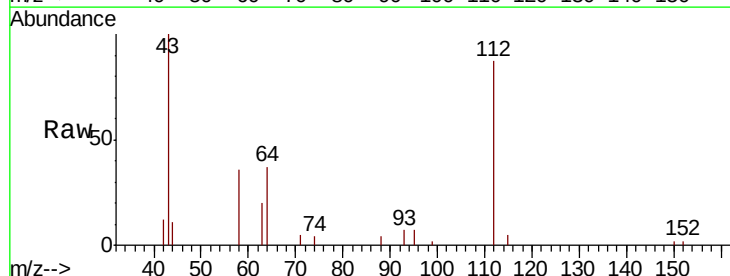
Tgt Ion: 112 Resp: 7396

Ion Ratio Lower Upper

112 100

64 53.4 42.3 63.5

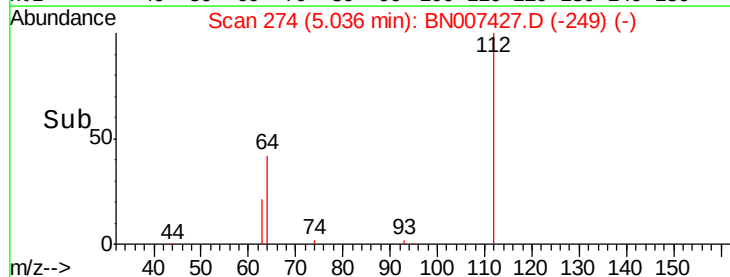
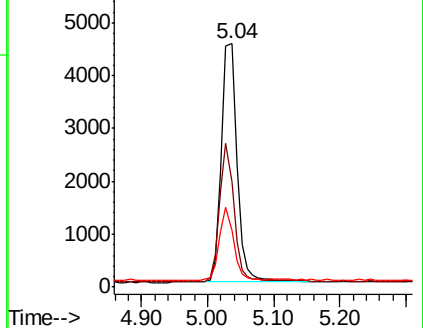
63 27.9 23.6 35.4

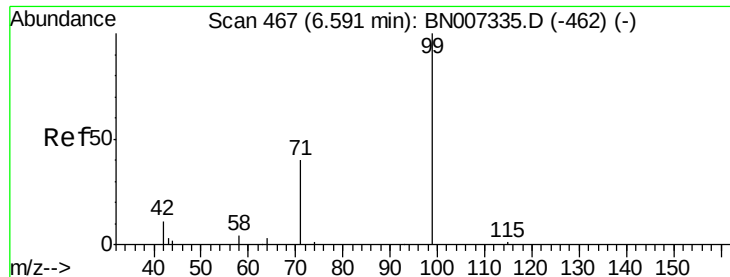


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.400 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

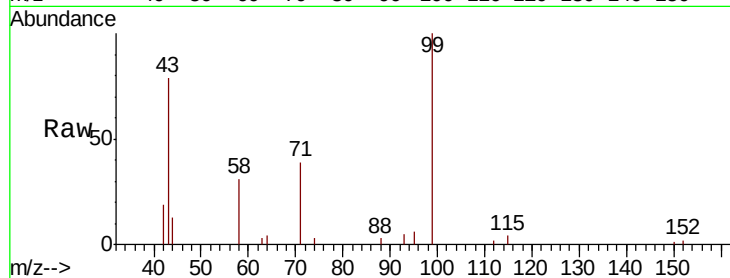
Tot Ion: 99 Resp: 9376

Ion Ratio Lower Upper

99 100

42 10.6 11.2 16.8#

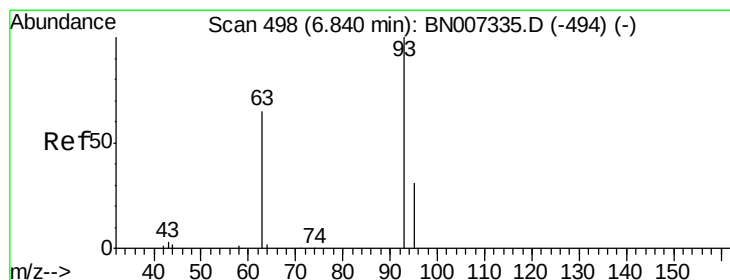
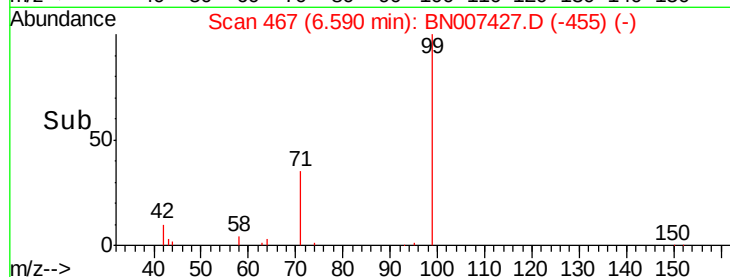
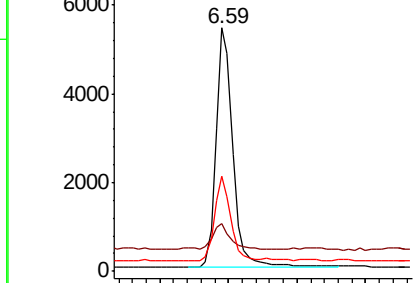
71 34.1 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007427.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007427.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007427.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.393 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

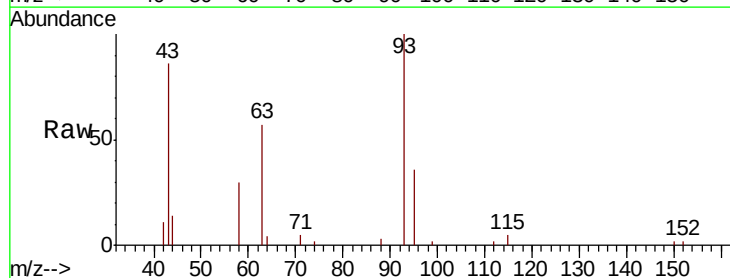
Tgt Ion: 93 Resp: 7536

Ion Ratio Lower Upper

93 100

63 61.2 51.9 77.9

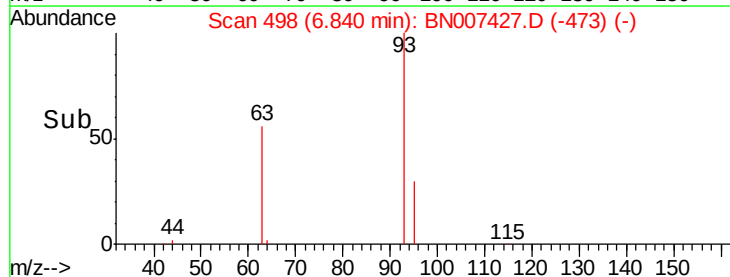
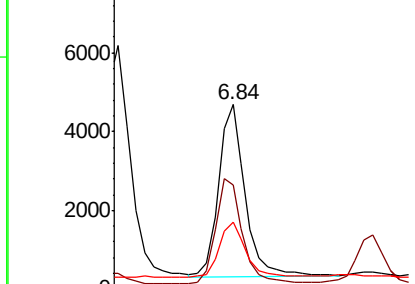
95 31.7 27.7 41.5

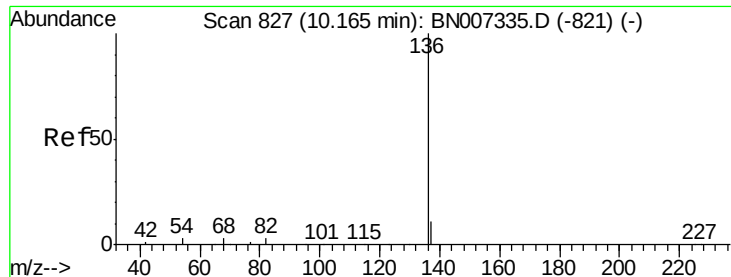


Abundance Ion 93.00 (92.70 to 93.70): BN007427.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007427.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007427.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

Tot Ion:136 Resp: 20956

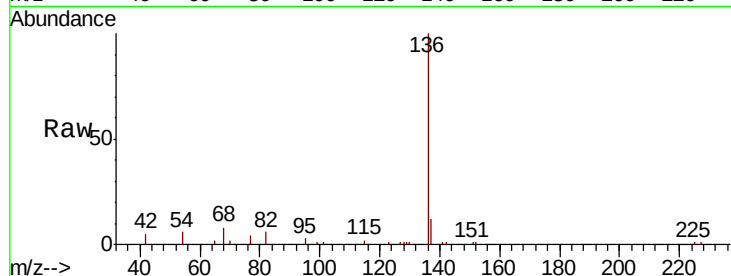
Ion Ratio Lower Upper

136 100

137 11.6 12.9 19.3#

54 6.1 8.6 12.8#

68 8.3 17.0 25.4#

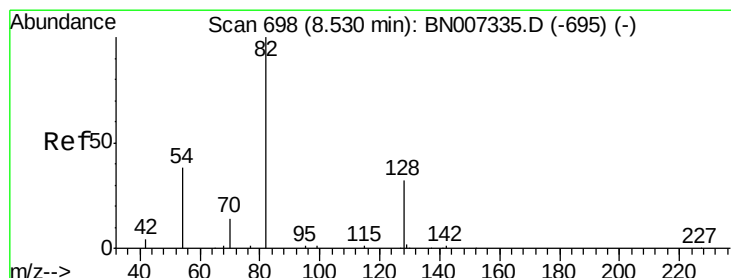
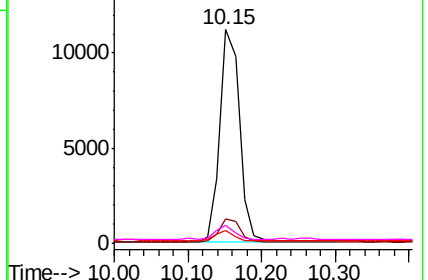
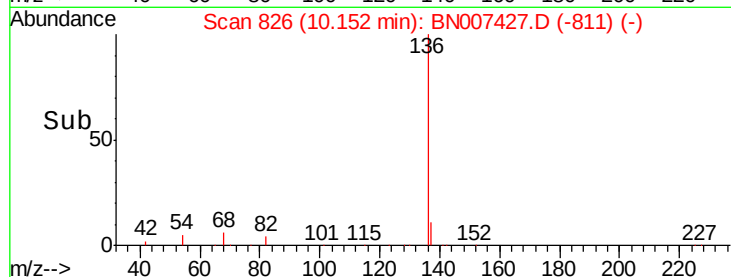


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

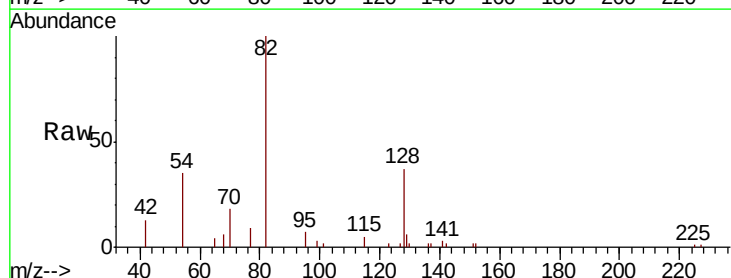
Tgt Ion: 82 Resp: 7299

Ion Ratio Lower Upper

82 100

128 36.9 19.7 29.5#

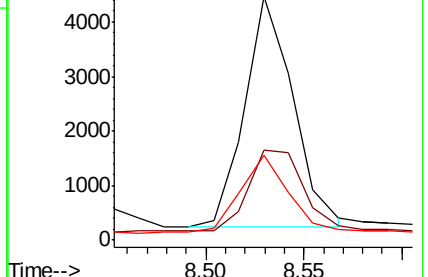
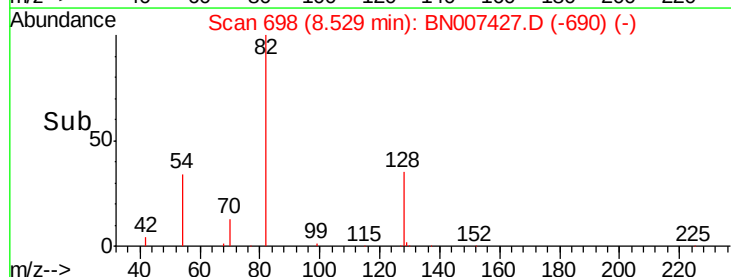
54 35.1 25.8 38.6

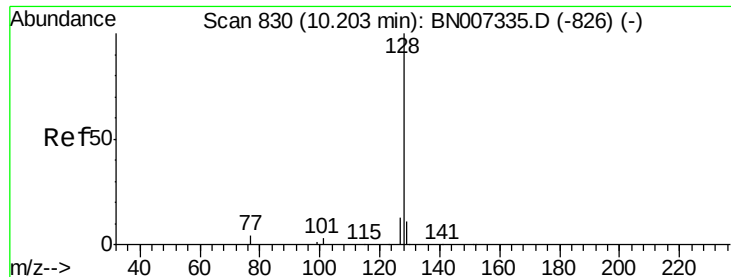


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.411 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

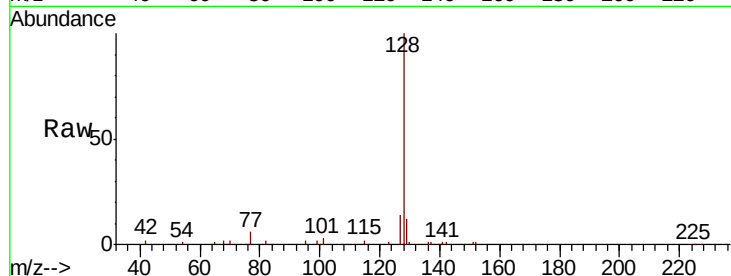
Tot Ion:128 Resp: 24588

Ion Ratio Lower Upper

128 100

129 11.7 11.1 16.7

127 13.8 15.5 23.3#

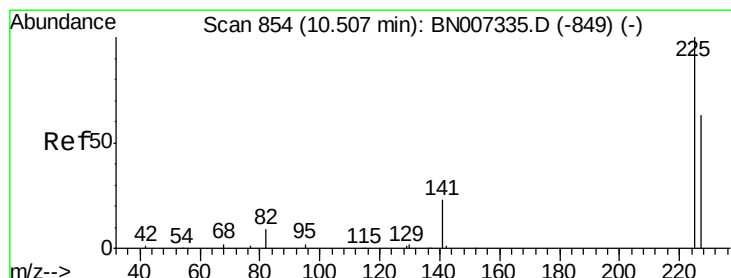
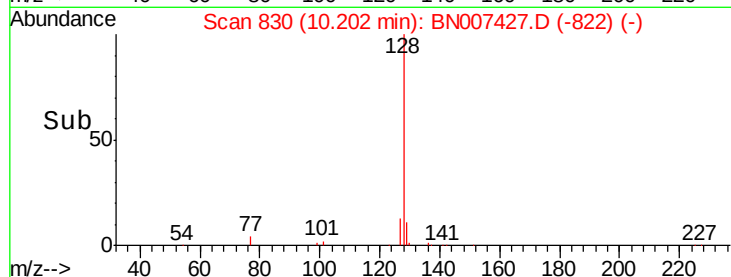
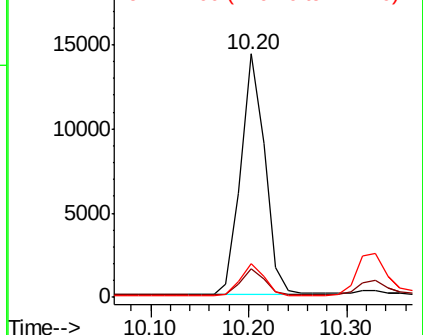


Abundance

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: 0.377 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

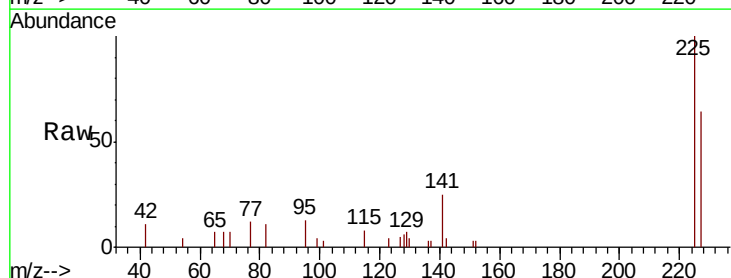
Tgt Ion:225 Resp: 4629

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.8 50.7 76.1

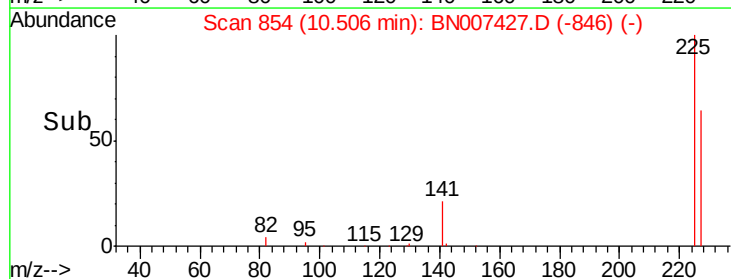
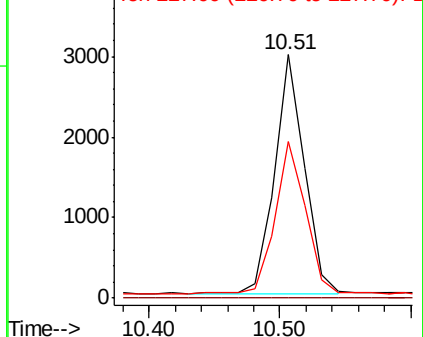


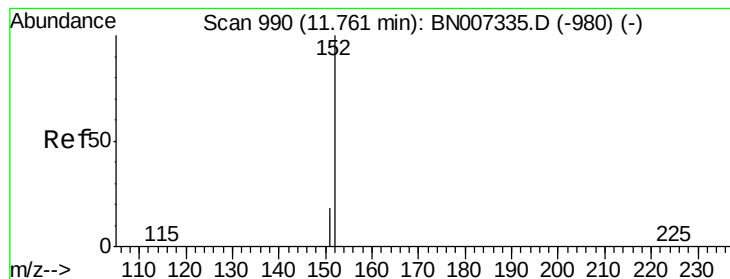
Abundance

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: 0.436 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

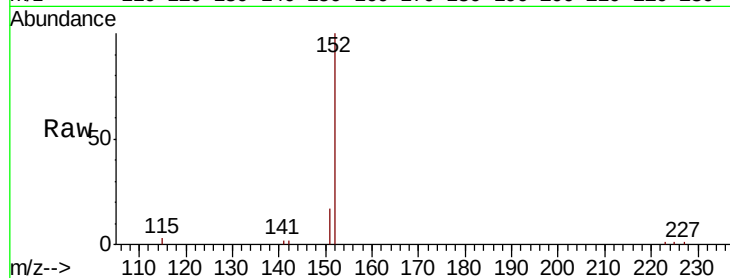
PB122552BS

Tot Ion:152 Resp: 15167

Ion Ratio Lower Upper

152 100

151 17.9 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

8000

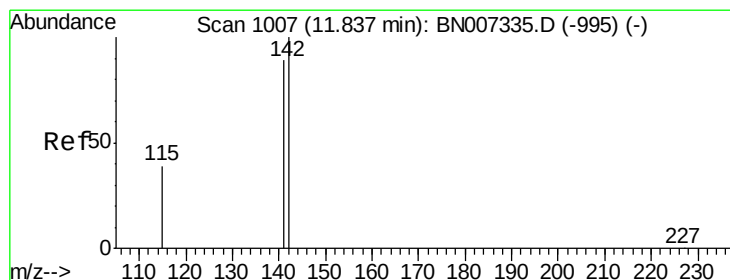
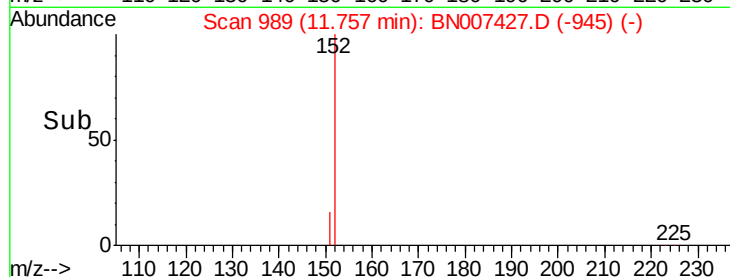
6000

4000

2000

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

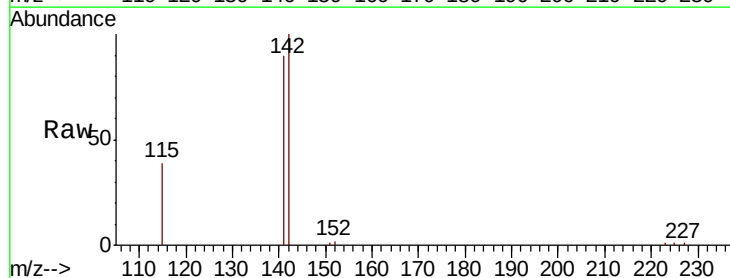
Tgt Ion:142 Resp: 16313

Ion Ratio Lower Upper

142 100

141 89.5 72.8 109.2

115 39.4 35.2 52.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

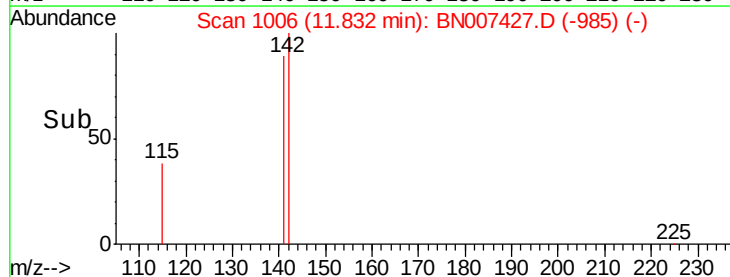
11.83

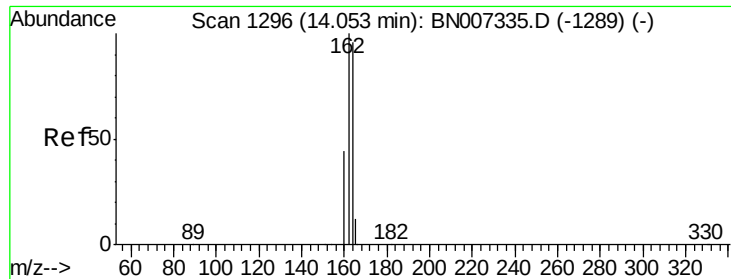
10000

5000

0

Time--> 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

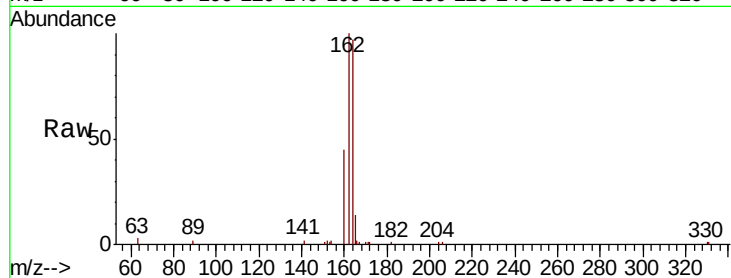
Tot Ion:164 Resp: 11442

Ion Ratio Lower Upper

164 100

162 102.6 83.5 125.3

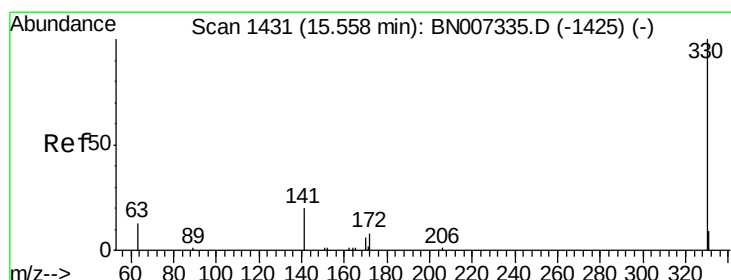
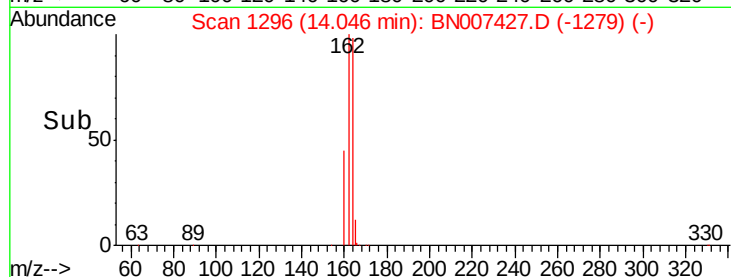
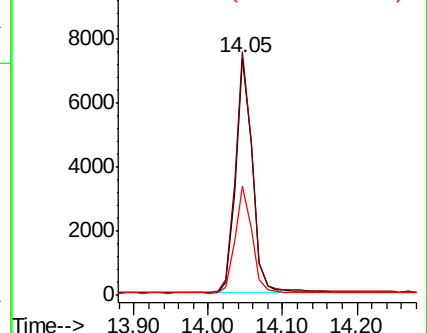
160 46.1 38.2 57.4



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: 0.405 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

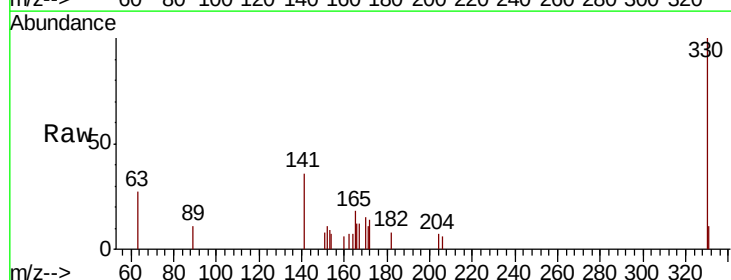
Tgt Ion:330 Resp: 2423

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

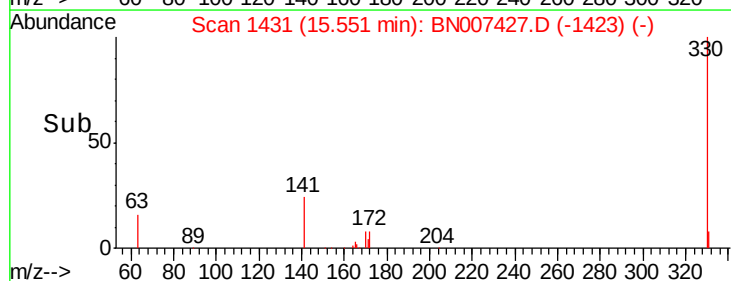
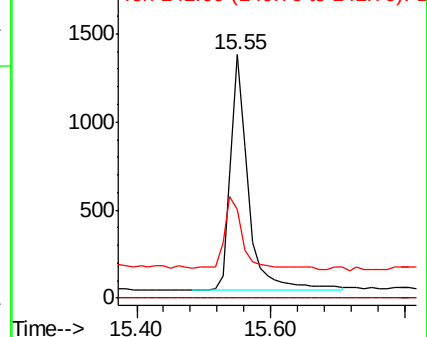
141 34.8 26.9 40.3

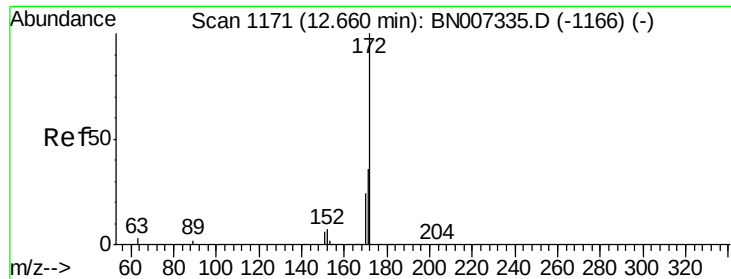


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.380 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

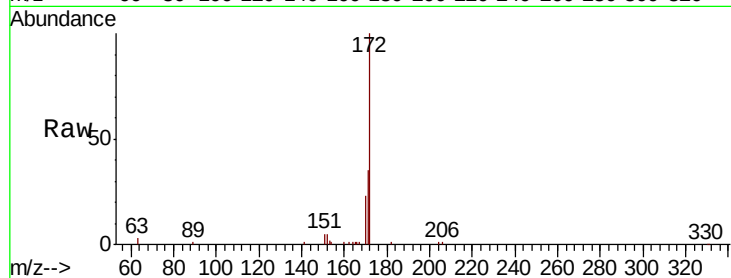
Tot Ion:172 Resp: 17534

Ion Ratio Lower Upper

172 100

171 35.4 30.3 45.5

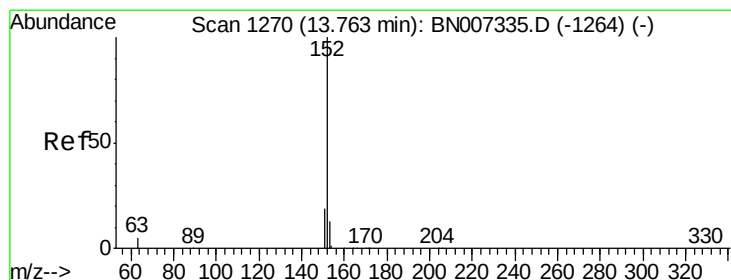
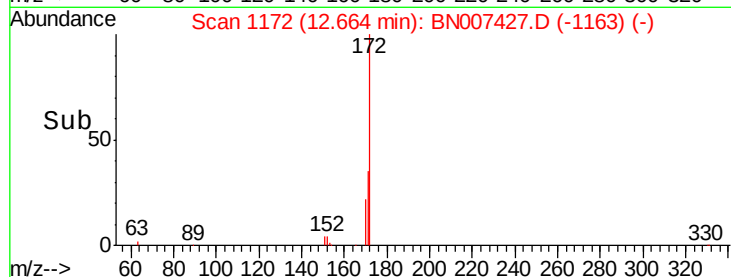
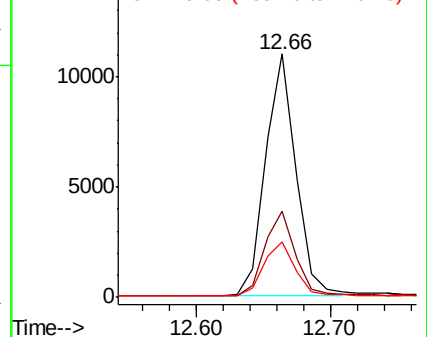
170 22.6 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.369 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

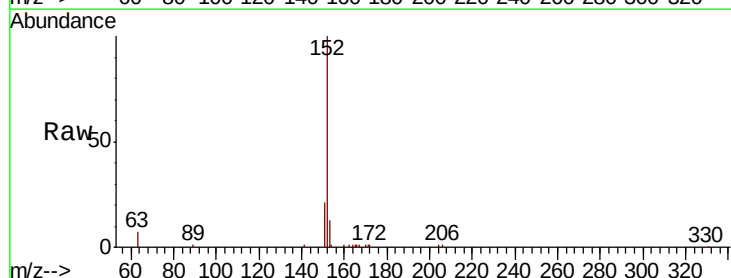
Tgt Ion:152 Resp: 24953

Ion Ratio Lower Upper

152 100

151 19.6 16.1 24.1

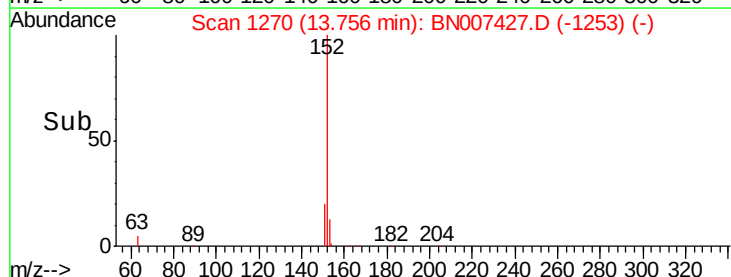
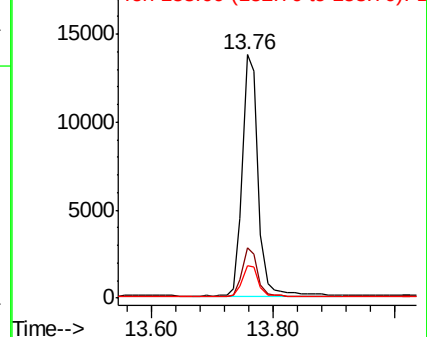
153 13.0 10.6 15.8

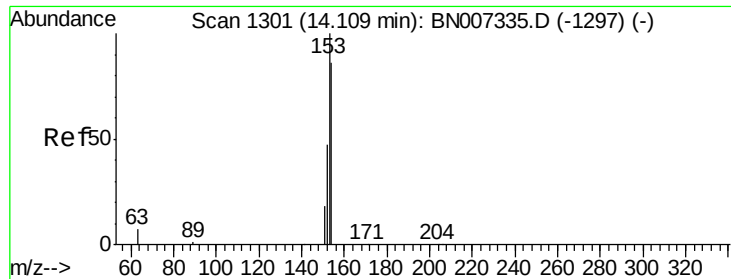


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

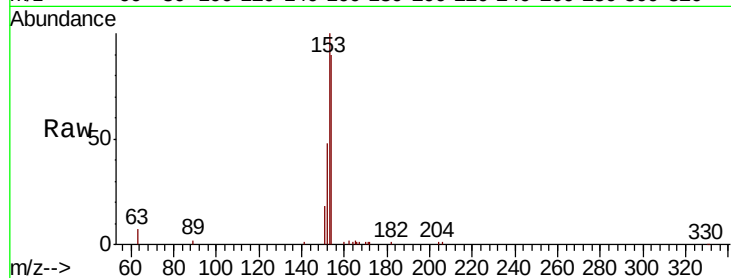
Tot Ion:154 Resp: 14617

Ion Ratio Lower Upper

154 100

153 114.1 92.8 139.2

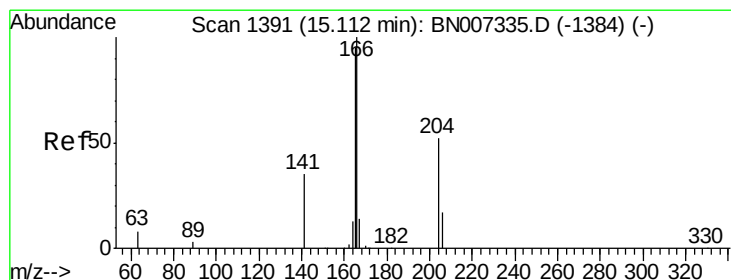
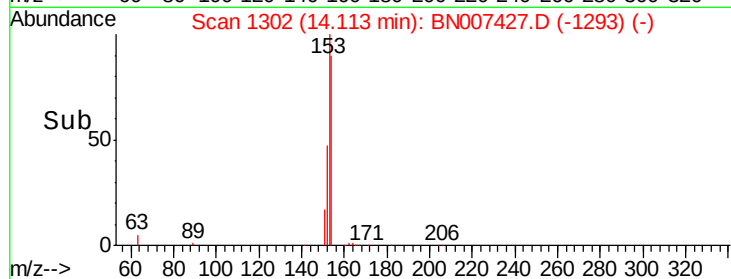
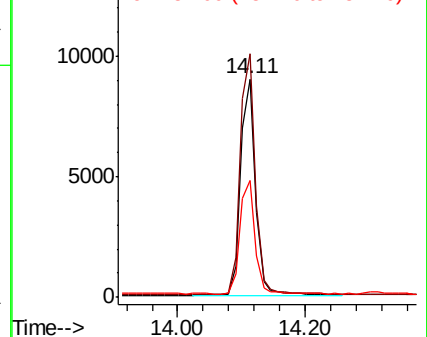
152 54.1 43.8 65.8



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: 0.358 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

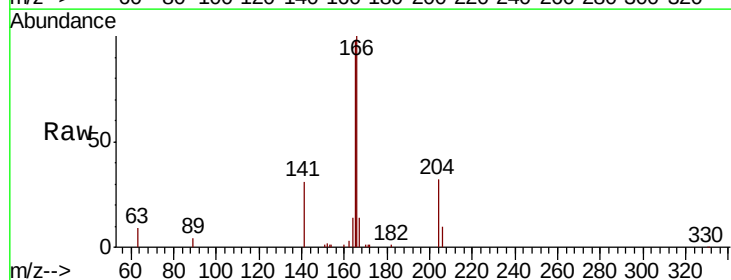
Tgt Ion:166 Resp: 17923

Ion Ratio Lower Upper

166 100

165 97.0 79.0 118.4

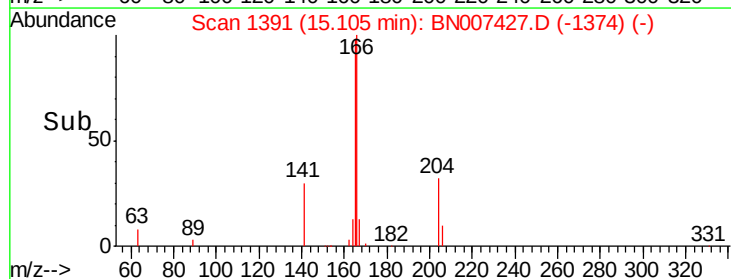
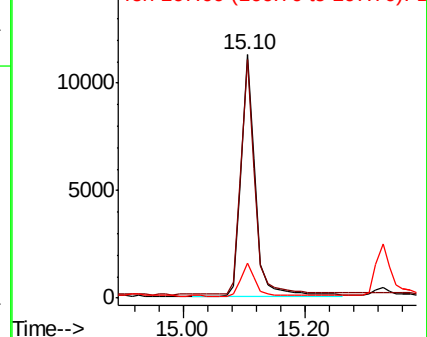
167 13.4 10.6 15.8

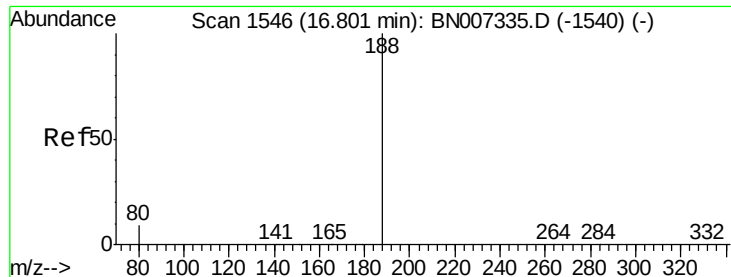


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

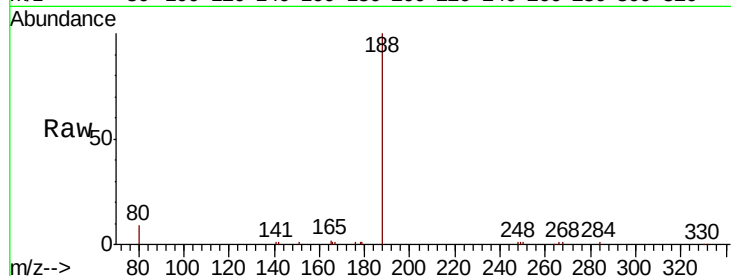
Tot Ion:188 Resp: 22072

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

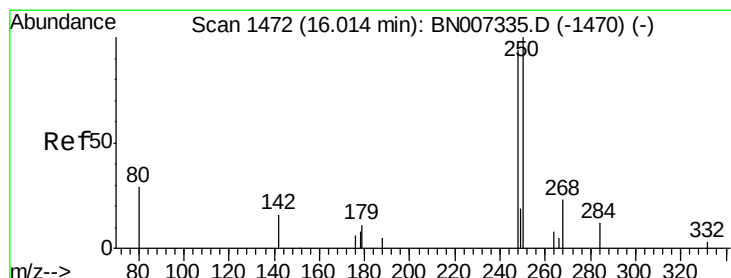
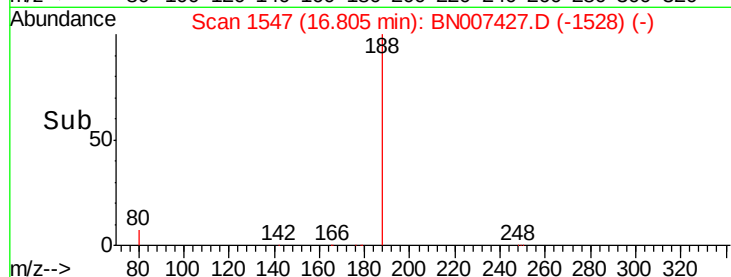
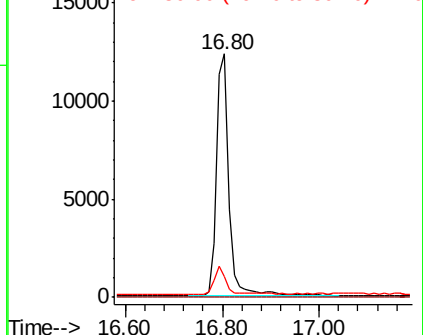
80 8.6 11.8 17.8#



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: 0.439 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

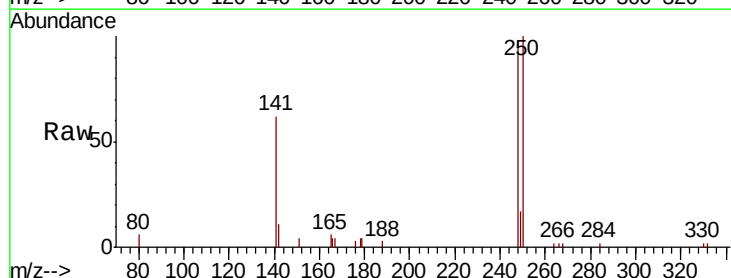
Tgt Ion:248 Resp: 3823

Ion Ratio Lower Upper

248 100

250 101.5 85.0 127.6

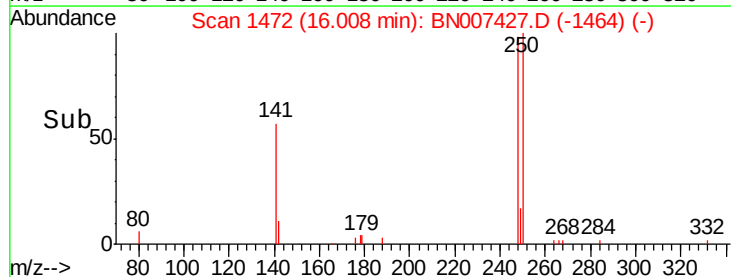
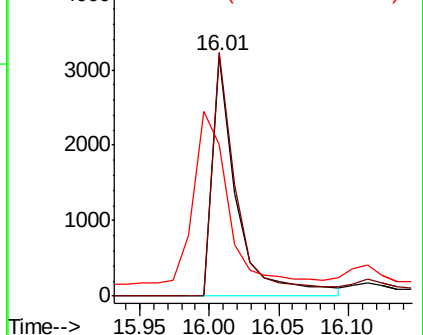
141 63.2 51.7 77.5

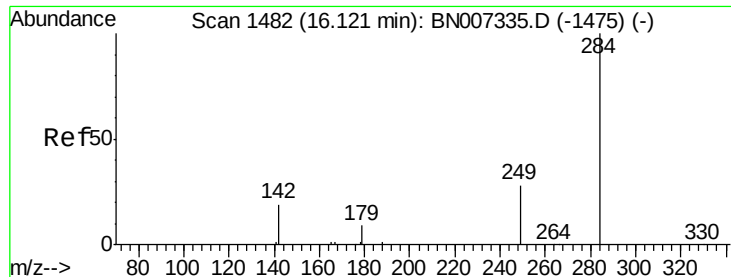


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.426 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

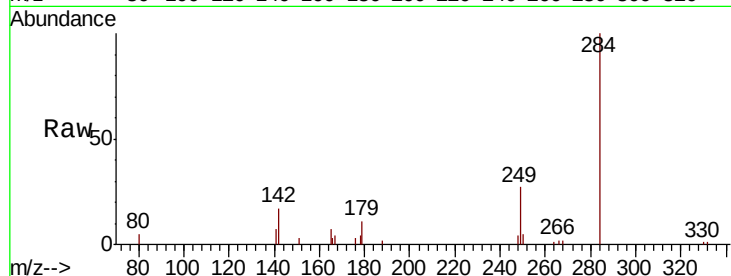
Tot Ion:284 Resp: 6295

Ion Ratio Lower Upper

284 100

142 32.0 29.0 43.6

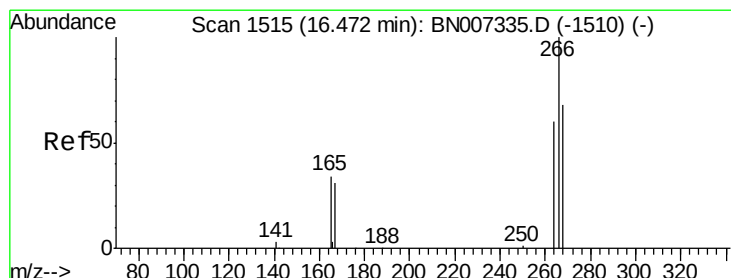
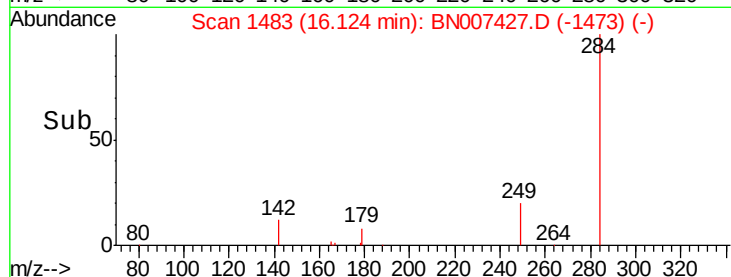
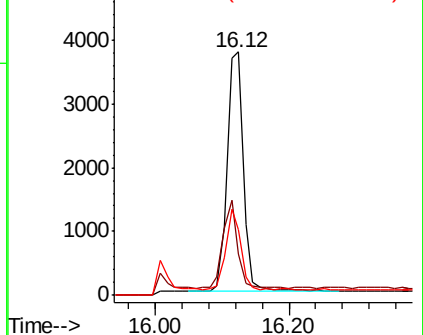
249 29.9 24.9 37.3



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: 0.864 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

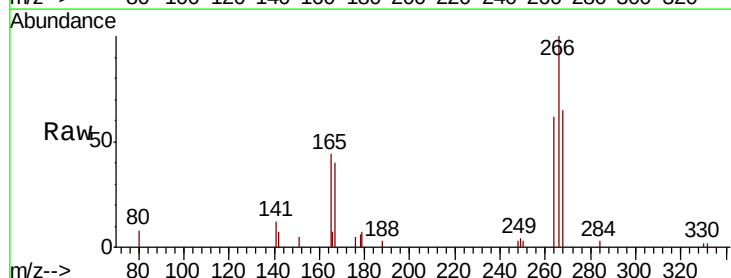
Tgt Ion:266 Resp: 3973

Ion Ratio Lower Upper

266 100

264 62.2 57.8 86.8

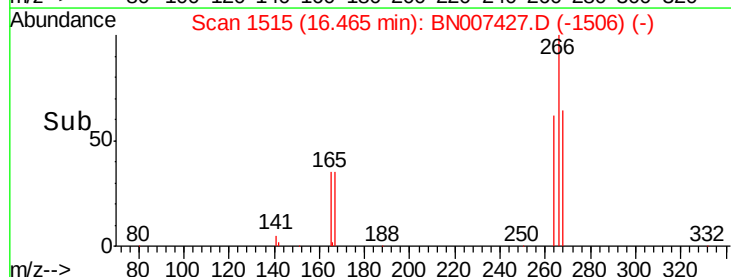
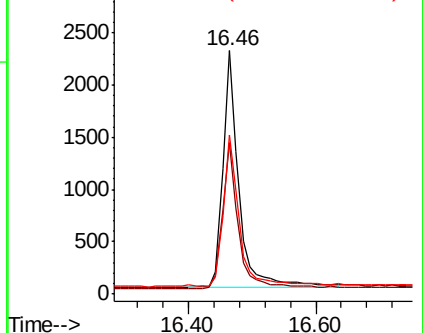
268 65.4 99.7 149.5#

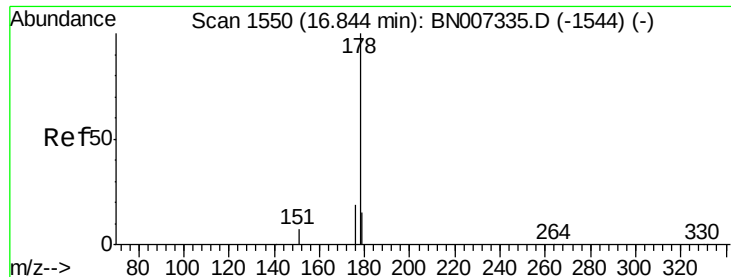


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.422 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

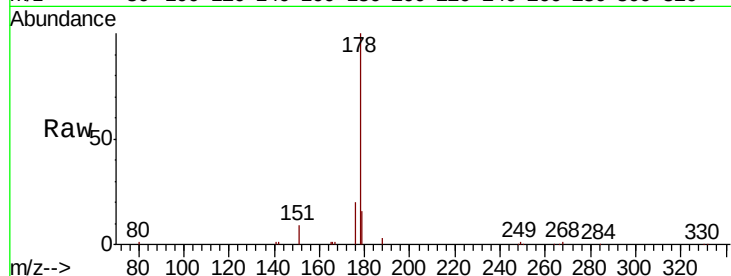
Tot Ion:178 Resp: 28031

Ion Ratio Lower Upper

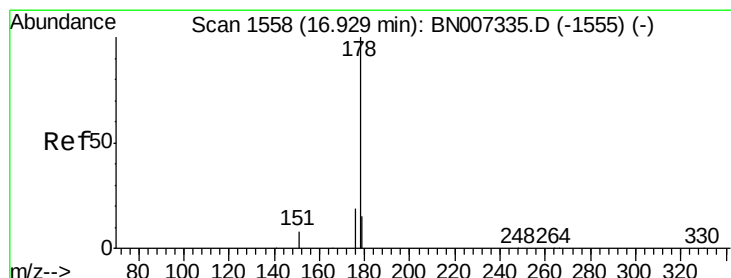
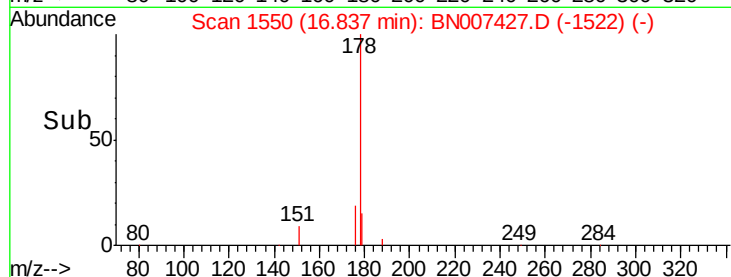
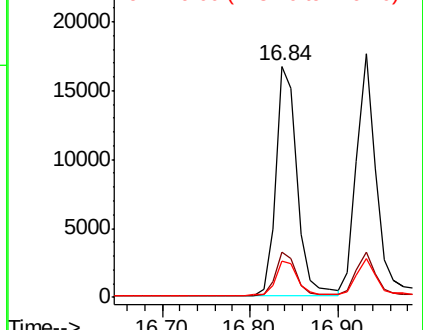
178 100

176 18.5 15.3 22.9

179 15.3 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: 0.409 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

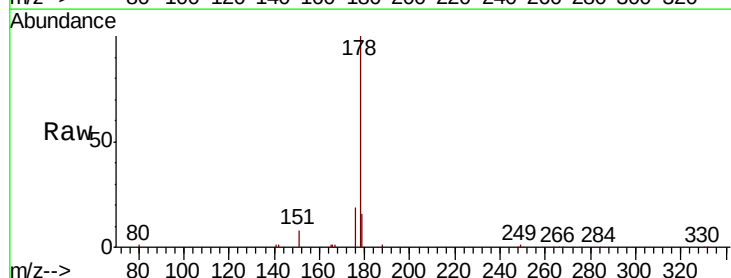
Tgt Ion:178 Resp: 27283

Ion Ratio Lower Upper

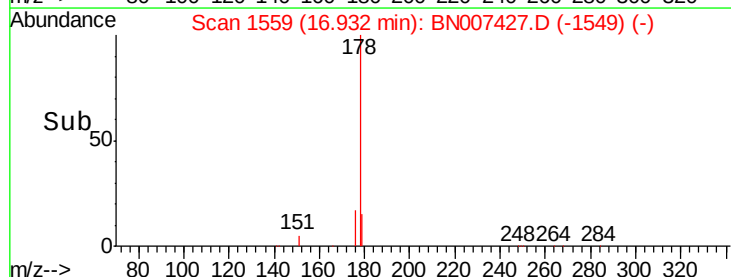
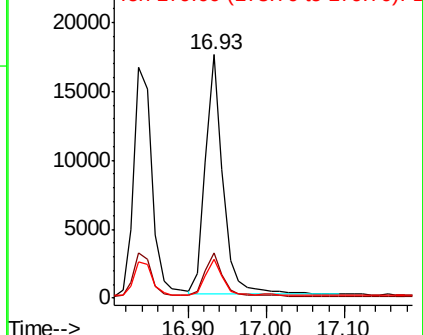
178 100

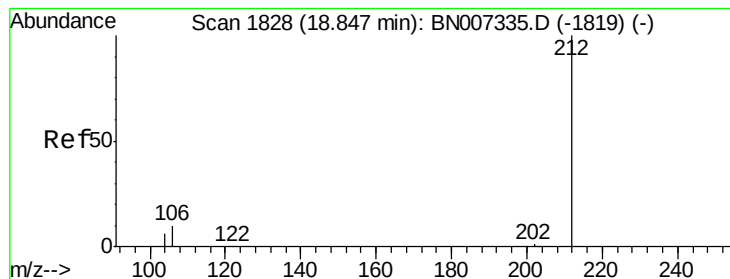
176 18.6 14.9 22.3

179 15.0 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: 0.448 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

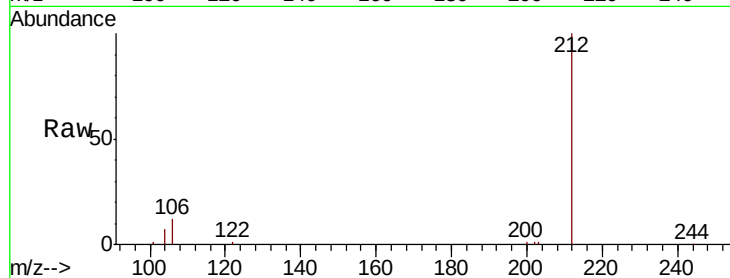
Tot Ion:212 Resp: 31834

Ion Ratio Lower Upper

212 100

106 11.8 9.0 13.4

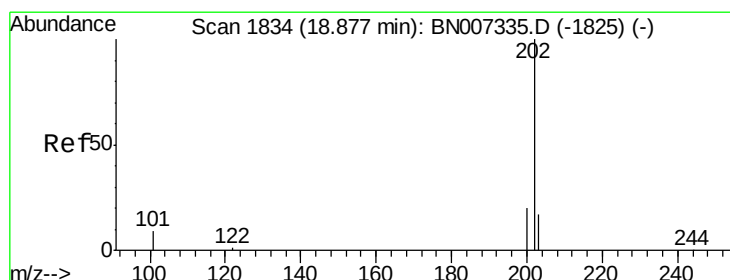
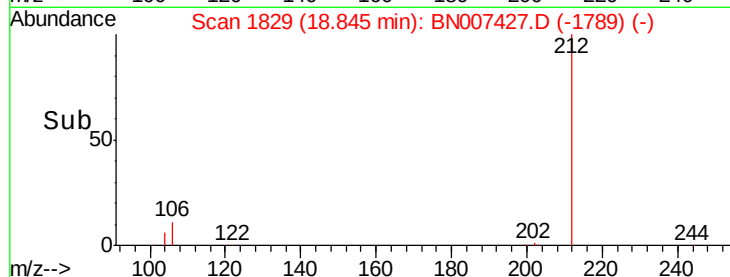
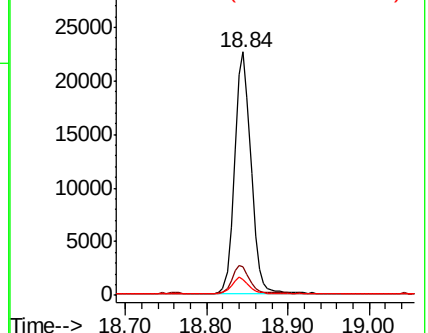
104 6.8 5.4 8.2



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: 0.445 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

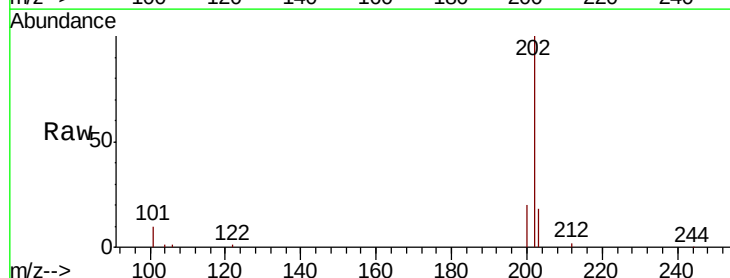
Tgt Ion:202 Resp: 37897

Ion Ratio Lower Upper

202 100

101 10.1 7.7 11.5

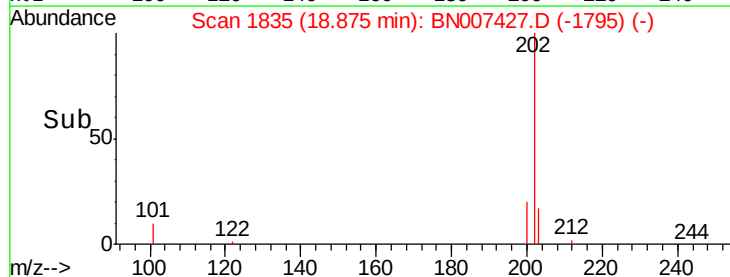
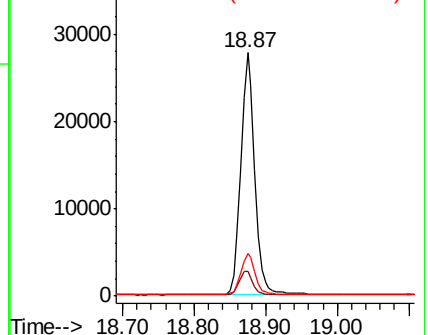
203 17.1 13.7 20.5

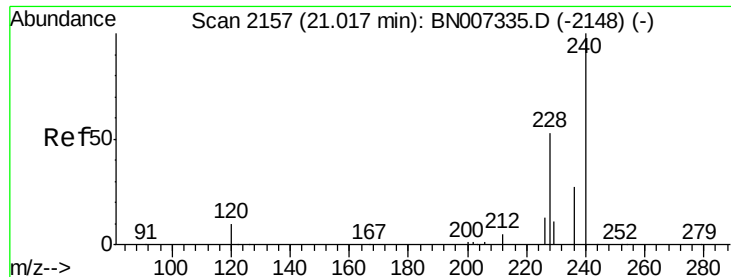


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

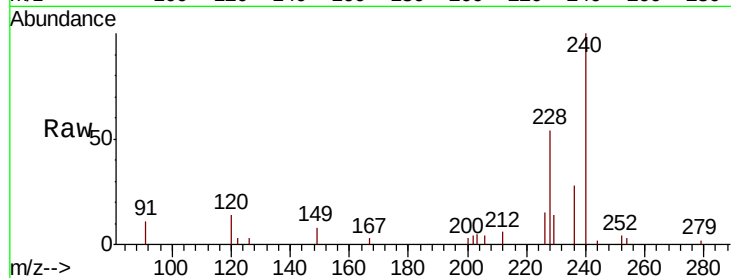




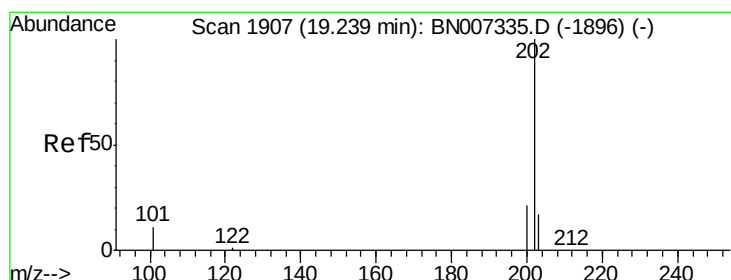
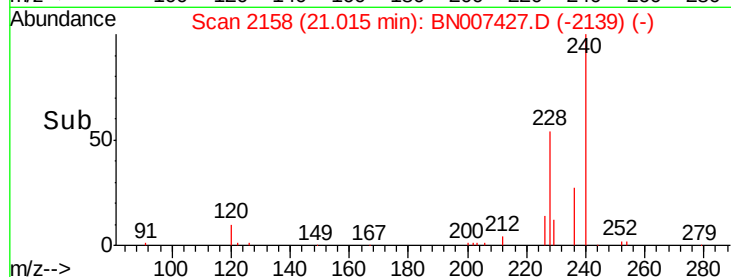
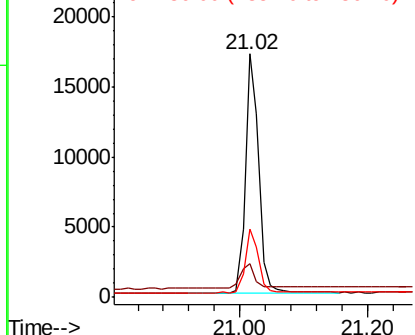
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007427.D
Acq: 27 Aug 2019 01:35

Instrument :
BNA_N
ClientSampleId :
PB122552BS

Tot Ion:240 Resp: 24804
Ion Ratio Lower Upper
240 100
120 13.7 9.6 14.4
236 28.3 22.2 33.2

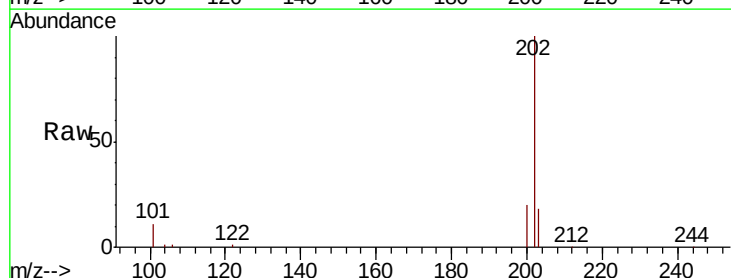


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

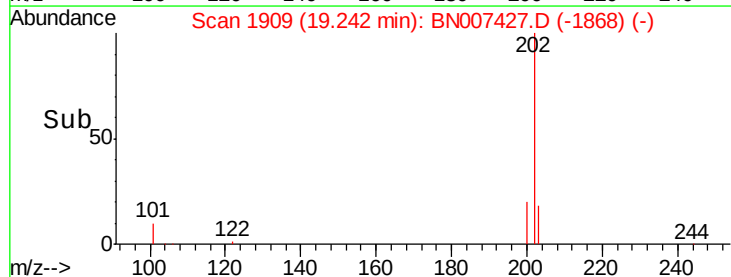
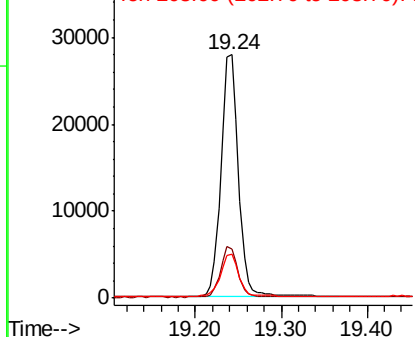


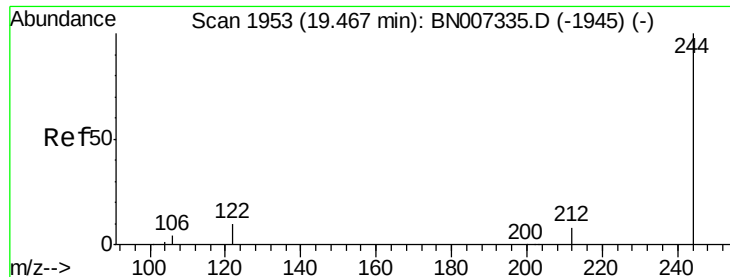
#28
Pyrene
Concen: 0.393 ng
RT: 19.24 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BN007427.D
Acq: 27 Aug 2019 01:35

Tgt Ion:202 Resp: 39250
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 18.2 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: 0.377 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

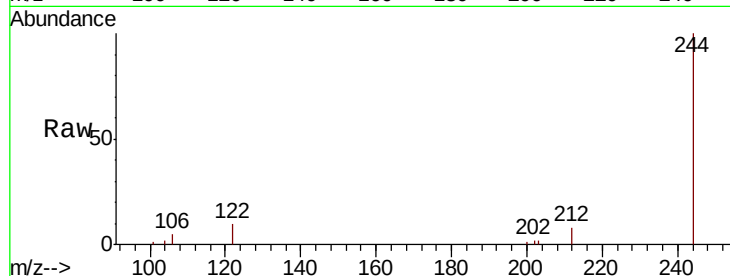
Tot Ion:244 Resp: 24468

Ion Ratio Lower Upper

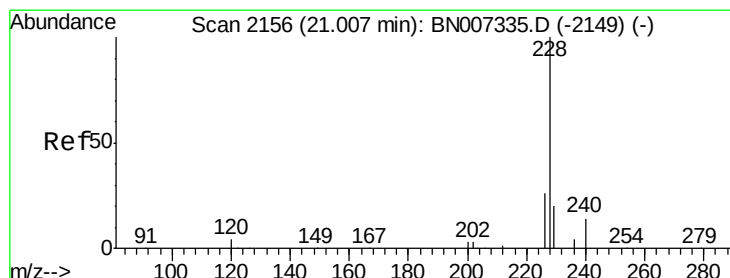
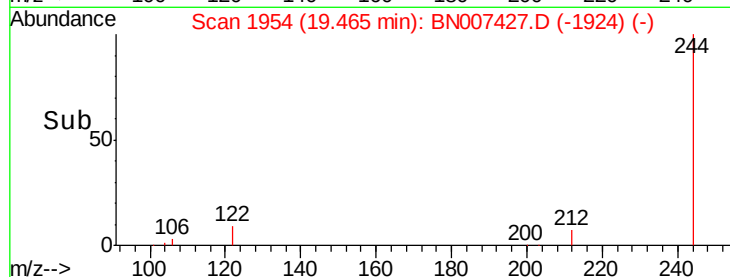
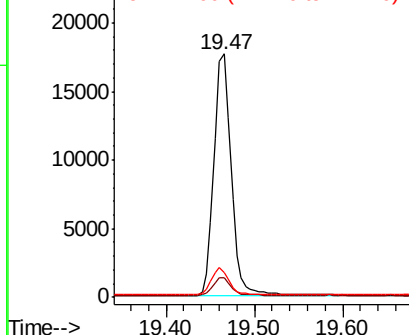
244 100

212 8.1 7.0 10.6

122 10.4 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: 0.395 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

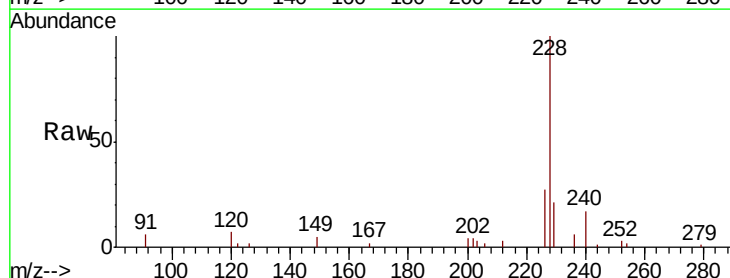
Tgt Ion:228 Resp: 38491

Ion Ratio Lower Upper

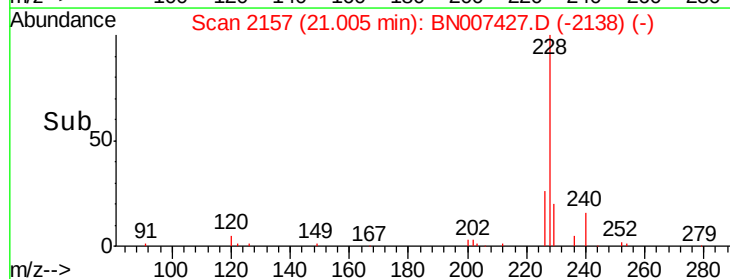
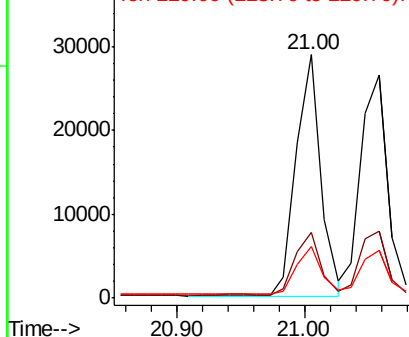
228 100

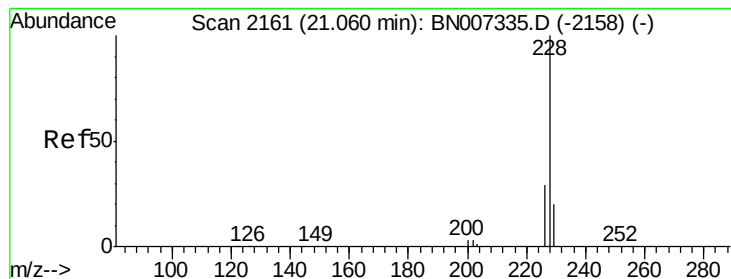
226 27.0 21.3 31.9

229 21.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

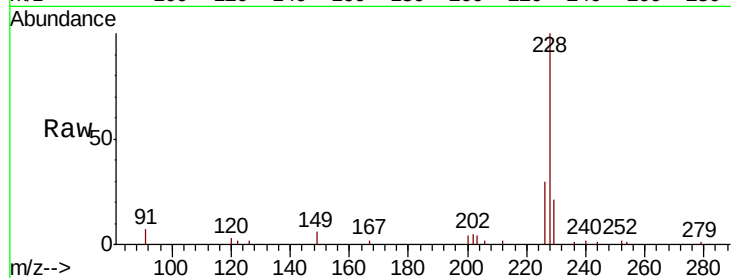
Tot Ion:228 Resp: 38421

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

229 21.4 16.6 24.8

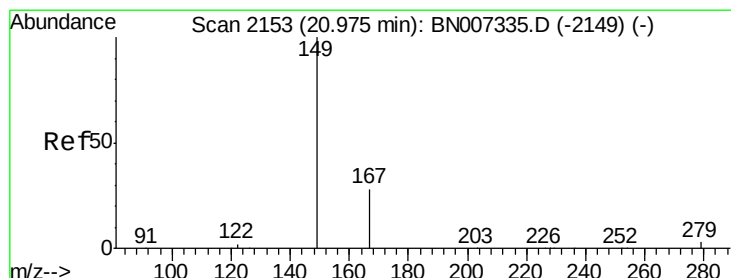
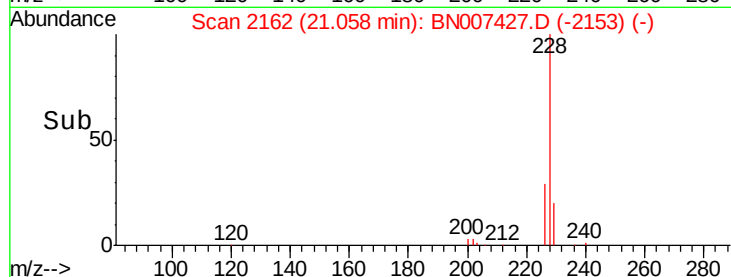
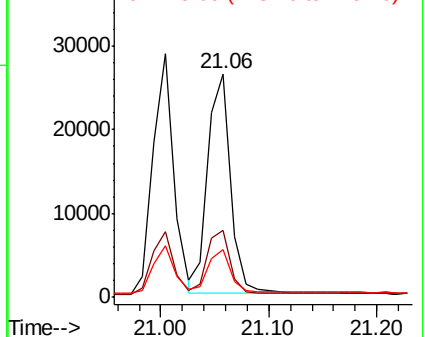


Abundance

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: 0.361 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

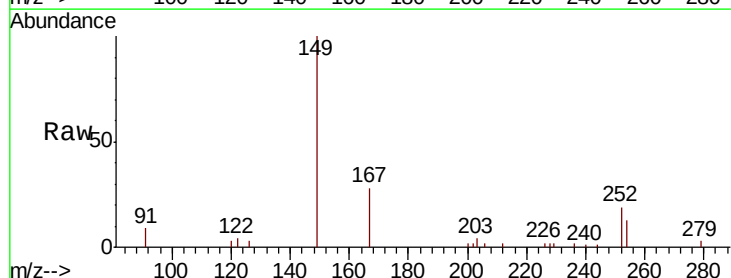
Tgt Ion:149 Resp: 23961

Ion Ratio Lower Upper

149 100

167 27.7 22.8 34.2

279 5.0 3.5 5.3

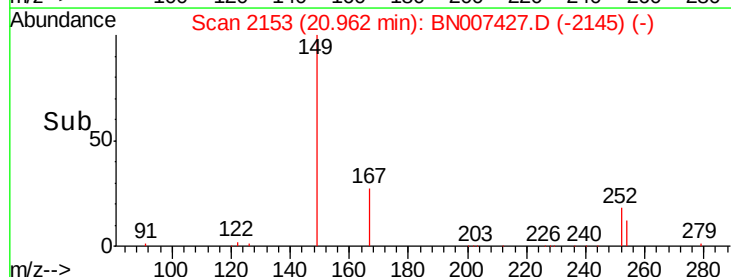
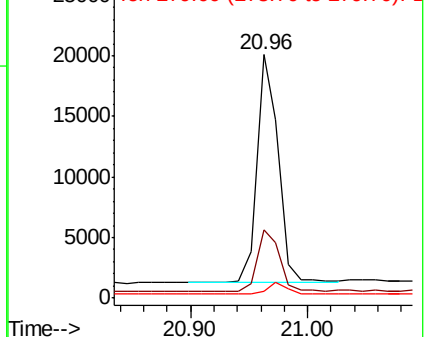


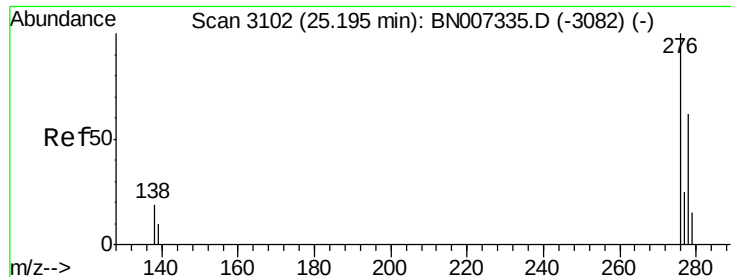
Abundance

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

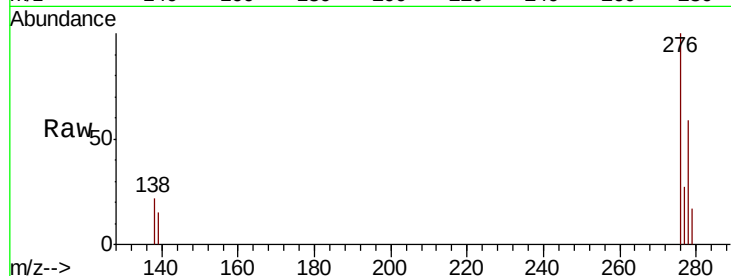




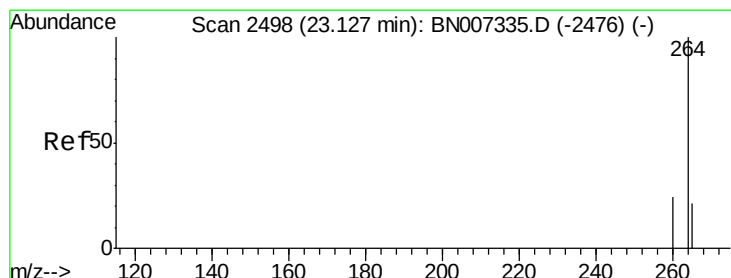
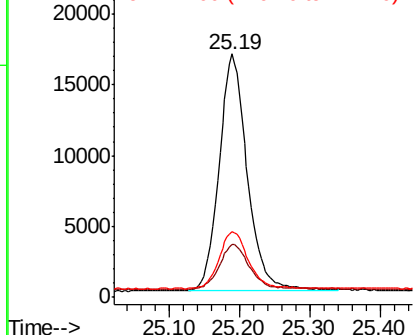
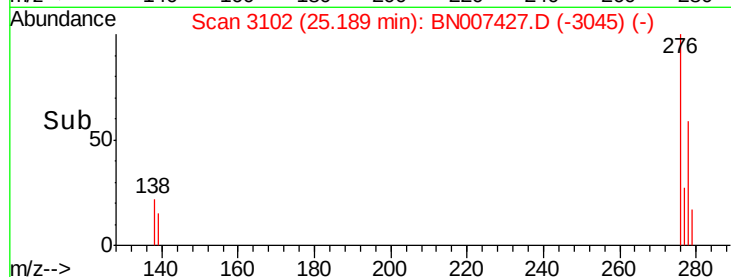
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007427.D
Acq: 27 Aug 2019 01:35

Instrument :
BNA_N
ClientSampleId :
PB122552BS

Tot Ion:276 Resp: 46121
Ion Ratio Lower Upper
276 100
138 18.4 15.1 22.7
277 24.2 19.7 29.5

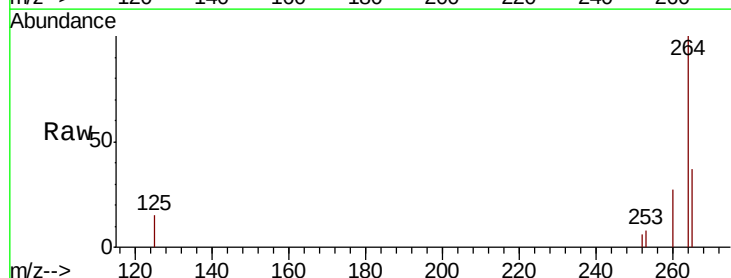


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

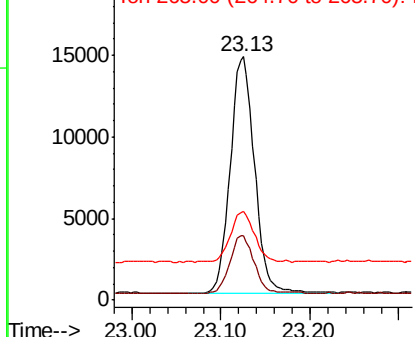
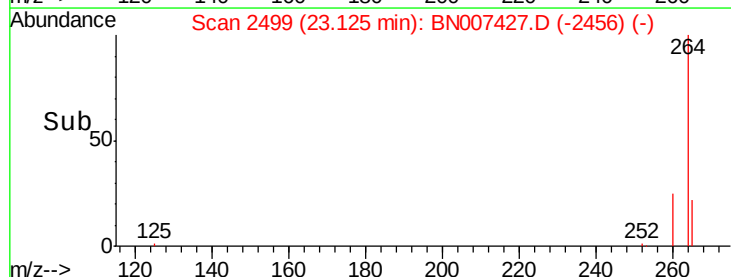


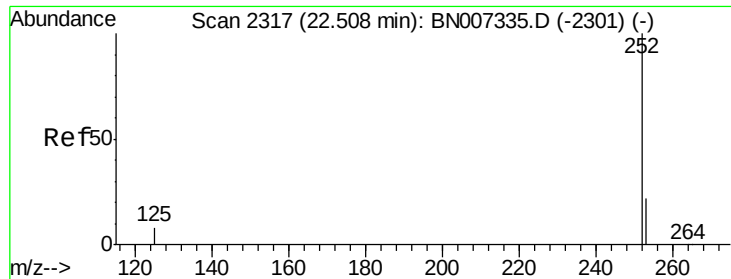
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007427.D
Acq: 27 Aug 2019 01:35

Tgt Ion:264 Resp: 27734
Ion Ratio Lower Upper
264 100
260 26.6 19.7 29.5
265 36.7 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: 0.401 ng

RT: 22.51 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

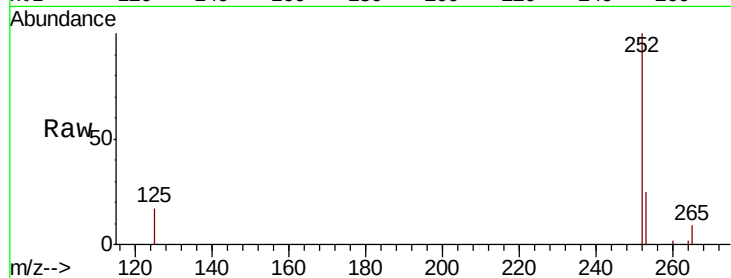
Tot Ion:252 Resp: 40299

Ion Ratio Lower Upper

252 100

253 25.4 19.2 28.8

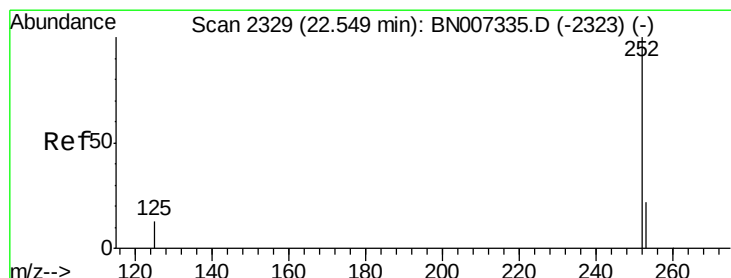
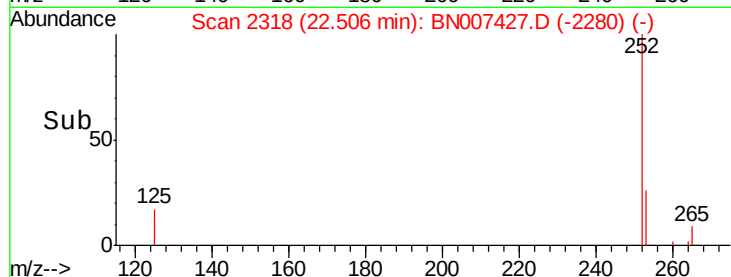
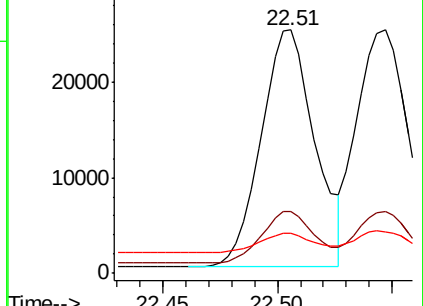
125 16.5 10.6 16.0#



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: 0.403 ng

RT: 22.55 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

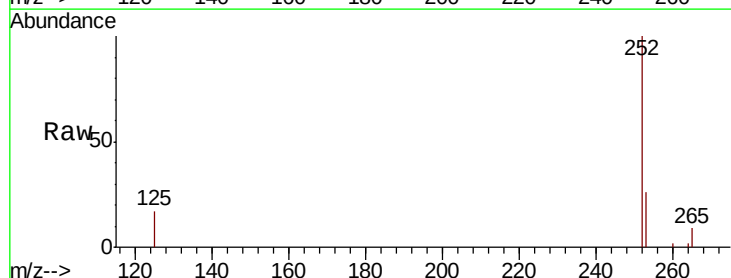
Tgt Ion:252 Resp: 39981

Ion Ratio Lower Upper

252 100

253 25.6 19.4 29.2

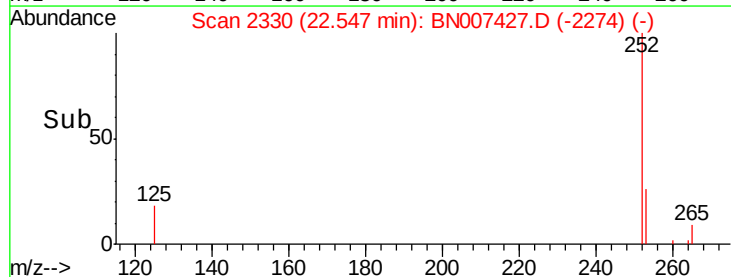
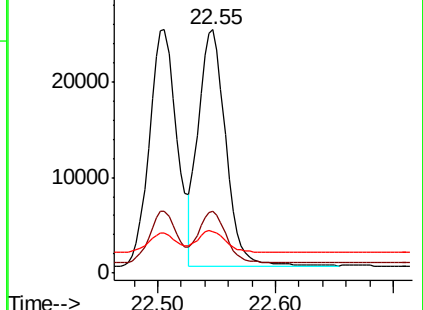
125 17.2 13.1 19.7

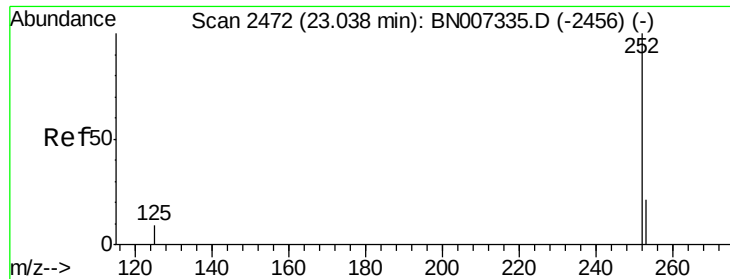


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.03 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

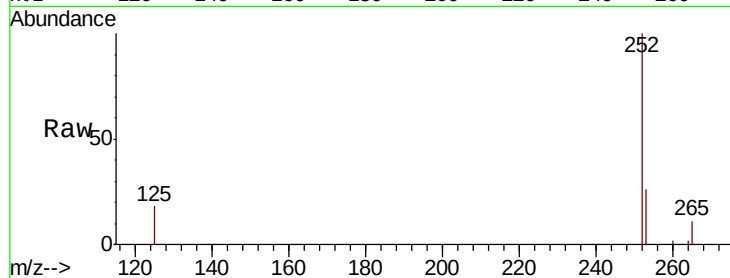
Tot Ion:252 Resp: 39306

Ion Ratio Lower Upper

252 100

253 25.9 19.5 29.3

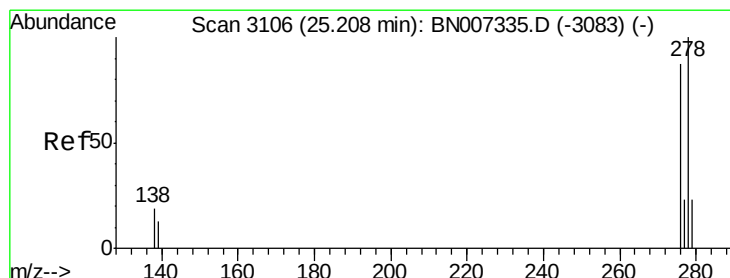
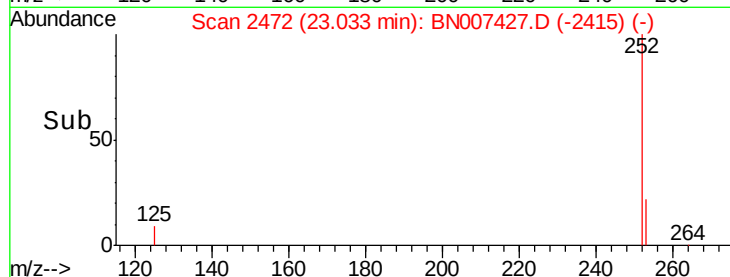
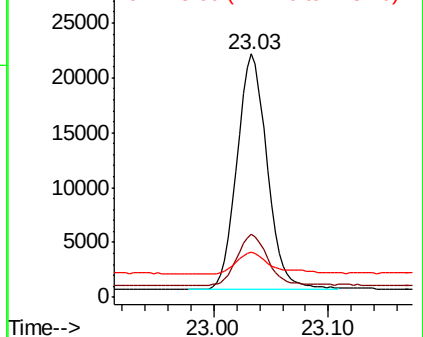
125 18.5 12.1 18.1#



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: 0.397 ng

RT: 25.20 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

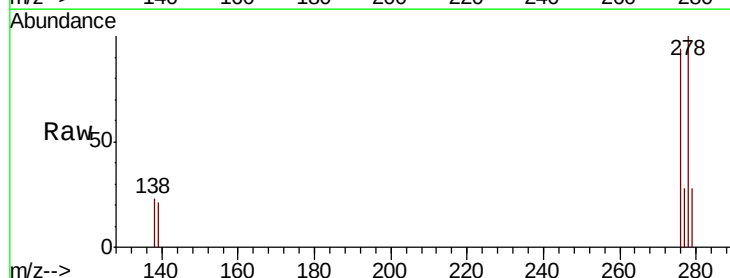
Tgt Ion:278 Resp: 37912

Ion Ratio Lower Upper

278 100

139 20.8 13.7 20.5#

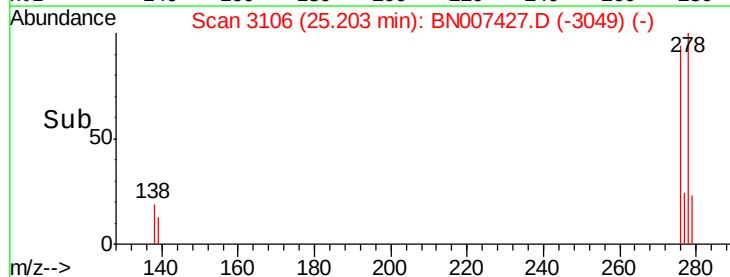
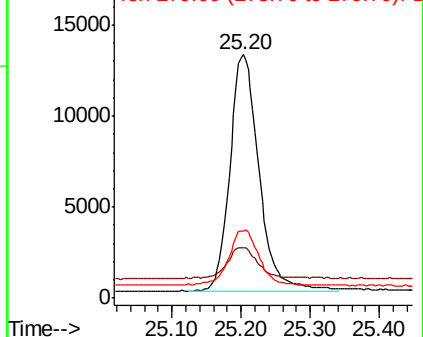
279 27.7 20.2 30.4

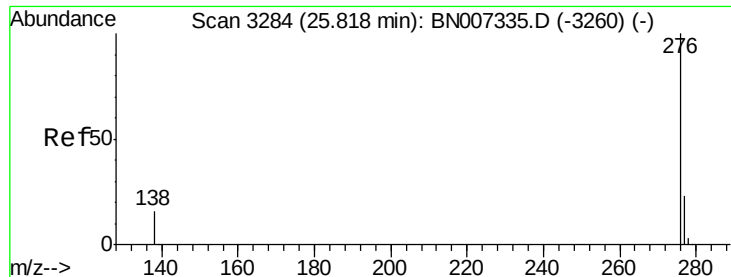


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.413 ng

RT: 25.82 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BN007427.D

Acq: 27 Aug 2019 01:35

Instrument :

BNA_N

ClientSampleId :

PB122552BS

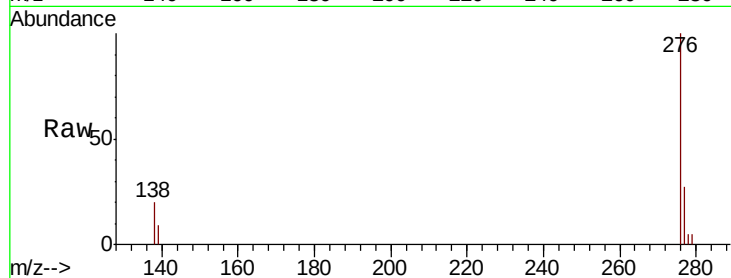
Tot Ion:276 Resp: 39239

Ion Ratio Lower Upper

276 100

277 27.4 19.6 29.4

138 20.1 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

