

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081419\
 Data File : BN007172.D
 Acq On : 14 Aug 2019 20:29
 Operator : HP/JU
 Sample : PB122208BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 15 11:03:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9176	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	33067	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	17435	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	36467	0.40	ng	0.00
26) Chrysene-d12	21.05	240	30745	0.40	ng	-0.01
32) Perylene-d12	23.16	264	36464	0.40	ng	-0.01

System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	8845	0.40	ng	0.00
4) Phenol-d6	6.61	99	11208	0.41	ng	0.00
7) Nitrobenzene-d5	8.55	82	9489	0.36	ng	-0.01
10) 2-Methylnaphthalene-d10	11.79	152	20760	0.34	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2388	0.25	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	2965	0.12	ng	0.00
24) Fluoranthene-d10	18.87	212	39528	0.31	ng	0.00
28) Terphenyl-d14	19.49	244	31493	0.38	ng	0.00

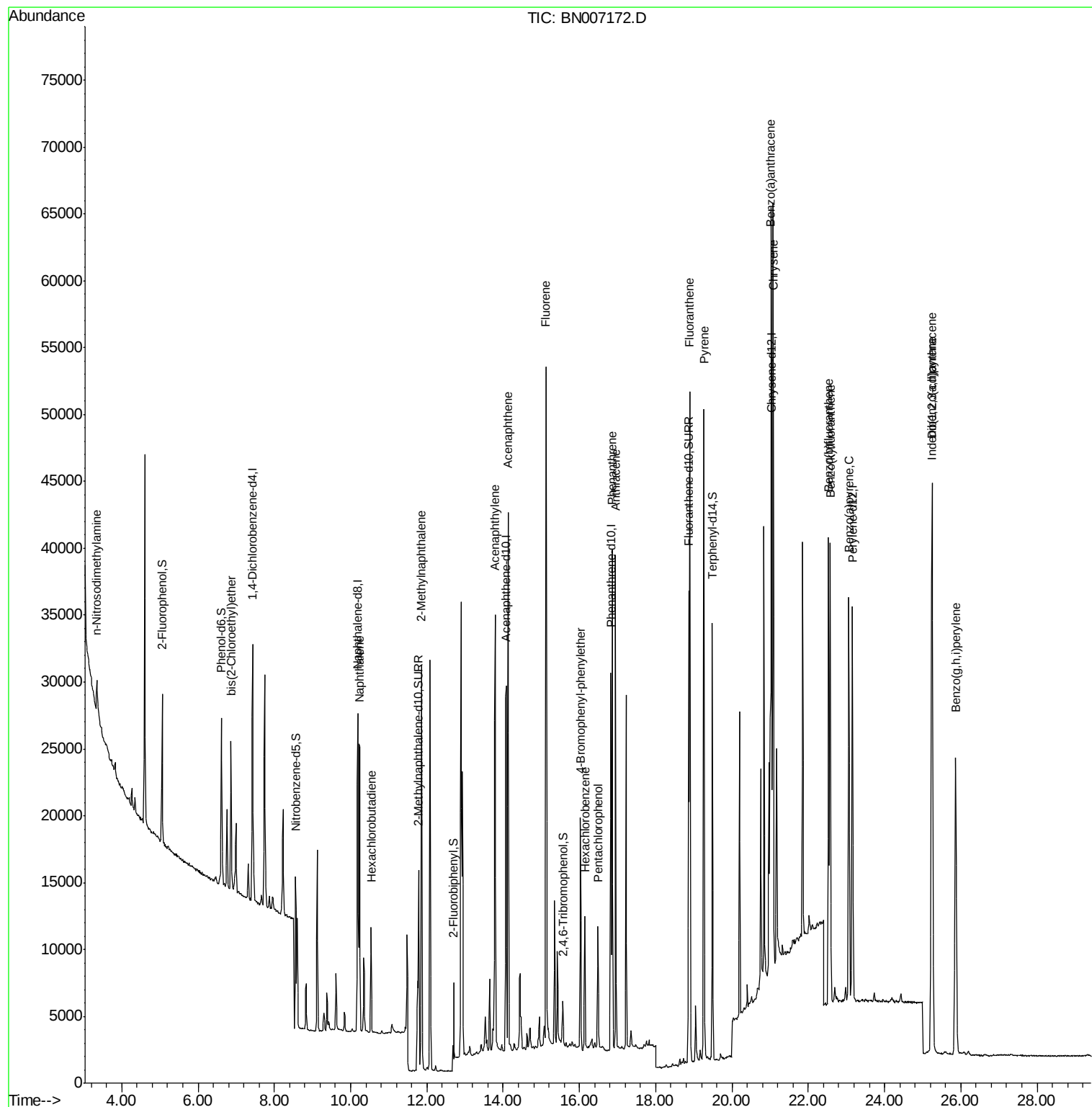
Target Compounds				Qvalue		
2) n-Nitrosodimethylamine	3.34	42	2203	0.365	ng	# 87
5) bis(2-Chloroethyl)ether	6.86	93	8598	0.356	ng	100
8) Naphthalene	10.24	128	31503	0.340	ng	99
9) Hexachlorobutadiene	10.54	225	6741	0.341	ng	# 99
11) 2-Methylnaphthalene	11.86	142	22607	0.344	ng	98
15) Acenaphthylene	13.79	152	43398	0.476	ng	99
16) Acenaphthene	14.13	154	20592	0.353	ng	98
17) Fluorene	15.12	166	26895	0.308	ng	97
19) 4-Bromophenyl-phenylether	16.03	248	8416	0.373	ng	# 92
20) Hexachlorobenzene	16.14	284	8109	0.374	ng	98
21) Pentachlorophenol	16.48	266	4253	0.526	ng	98
22) Phenanthrene	16.87	178	39254	0.359	ng	100
23) Anthracene	16.95	178	37240	0.373	ng	99
25) Fluoranthene	18.90	202	45092	0.323	ng	100
27) Pyrene	19.26	202	47412	0.440	ng	98
29) Benzo(a)anthracene	21.02	228	44037	0.392	ng	95
30) Chrysene	21.08	228	43703	0.400	ng	98
31) Indeno(1,2,3-cd)pyrene	25.24	276	50287	0.418	ng	99
33) Benzo(b)fluoranthene	22.53	252	42530	0.340	ng	# 96
34) Benzo(k)fluoranthene	22.58	252	42671	0.346	ng	# 96
35) Benzo(a)pyrene	23.07	252	41575	0.367	ng	# 96
36) Dibenzo(a,h)anthracene	25.25	278	40935	0.362	ng	# 95
37) Benzo(g,h,i)perylene	25.87	276	43805	0.377	ng	98

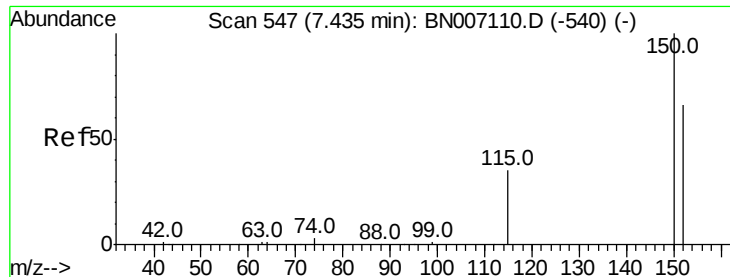
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.43 min Scan# 546

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampleId :

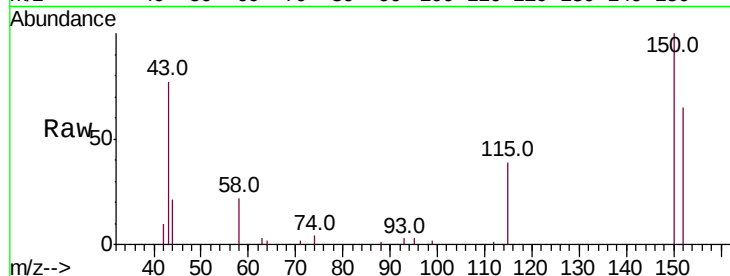
Tot Ion:152 Resp: 9176

Ion Ratio Lower Upper

152 100

150 153.5 121.7 182.5

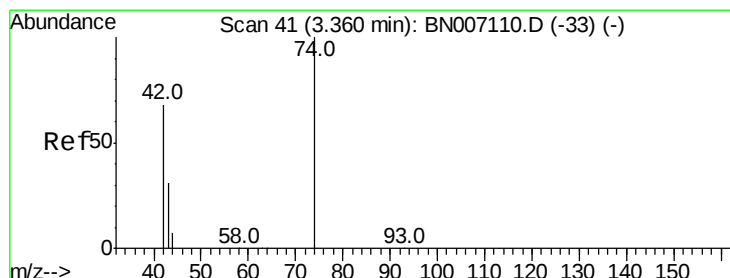
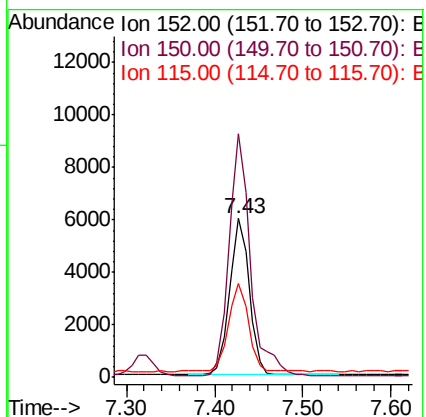
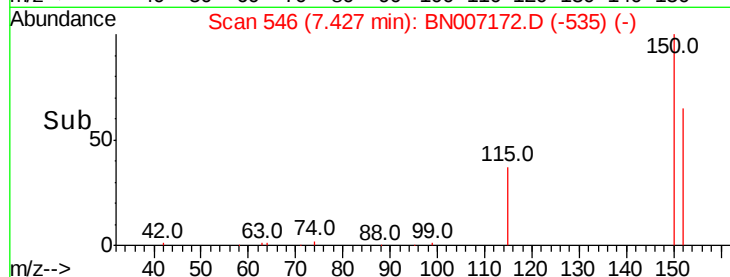
115 59.5 46.2 69.4



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

n-Nitrosodimethylamine

Concen: 0.365 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.02 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

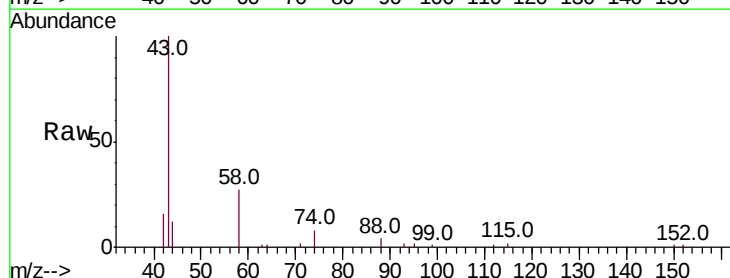
Tgt Ion: 42 Resp: 2203

Ion Ratio Lower Upper

42 100

74 153.7 110.6 166.0

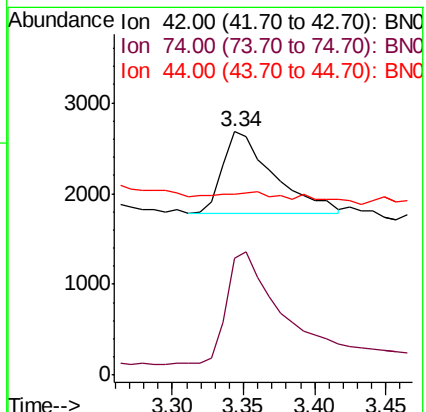
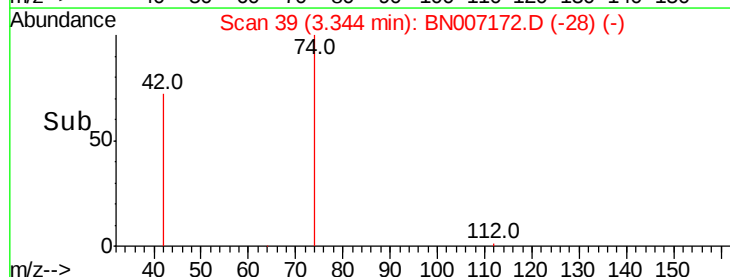
44 0.0 0.0 0.0

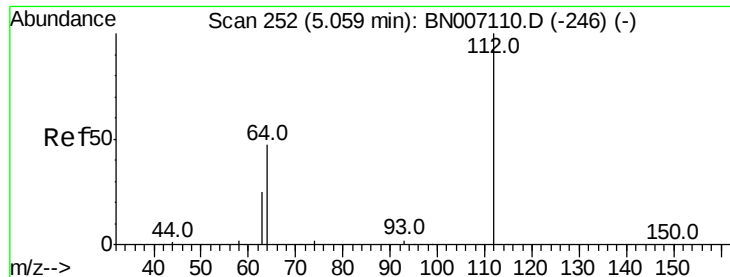


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.401 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampled :

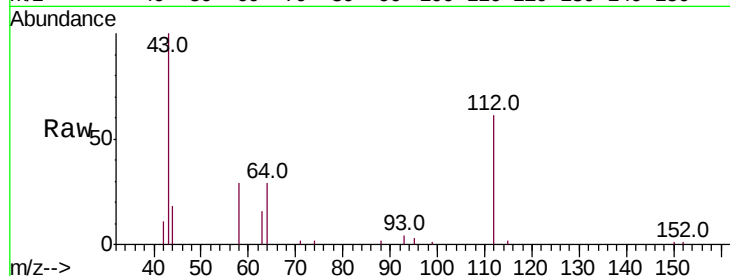
Tot Ion:112 Resp: 8845

Ion Ratio Lower Upper

112 100

64 51.7 42.6 63.8

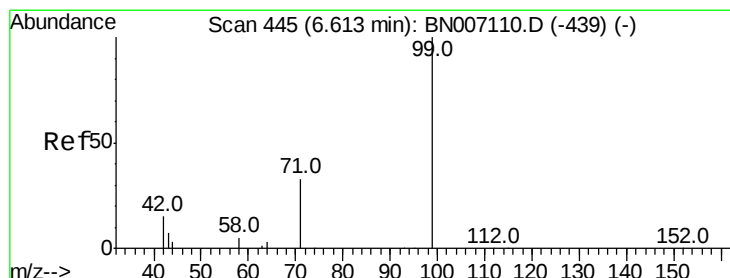
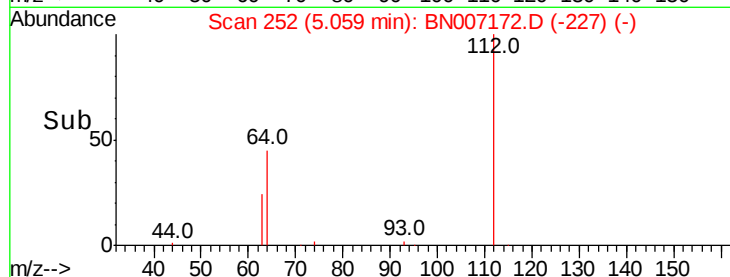
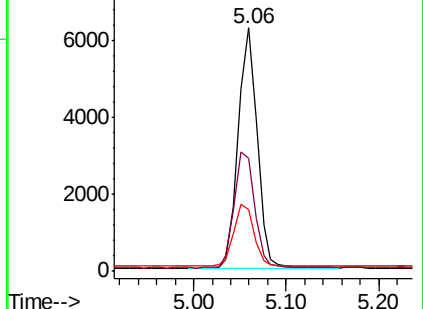
63 27.1 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#4

Phenol-d6

Concen: 0.410 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

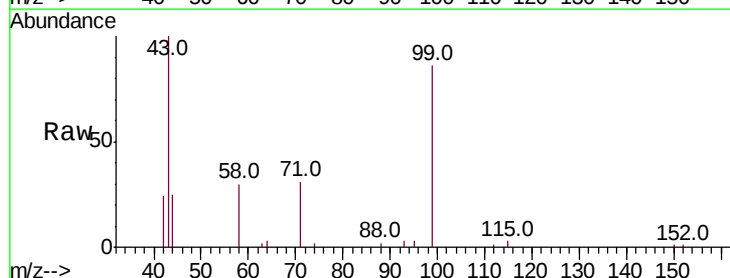
Tgt Ion: 99 Resp: 11208

Ion Ratio Lower Upper

99 100

42 17.8 15.8 23.6

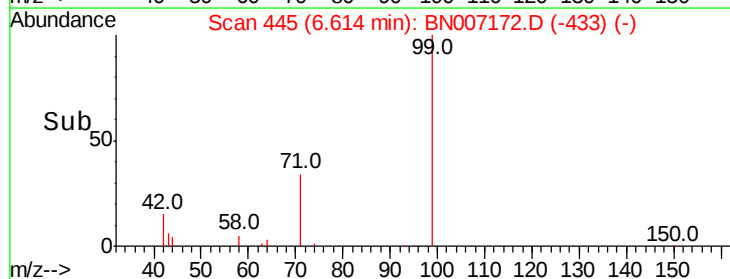
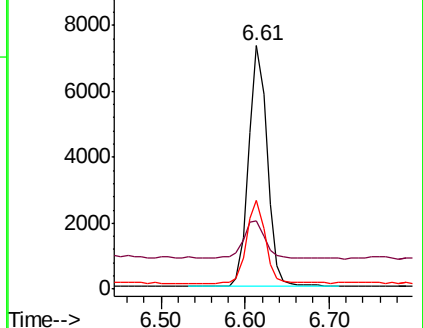
71 34.3 27.0 40.4

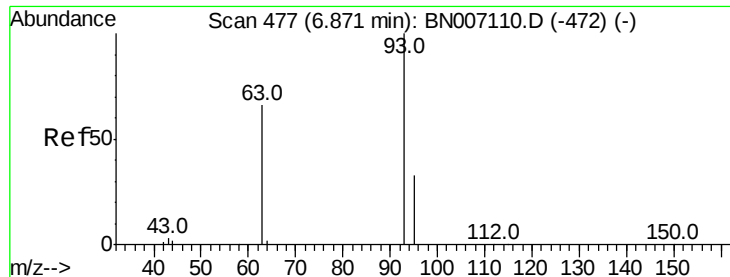


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.356 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampleId :

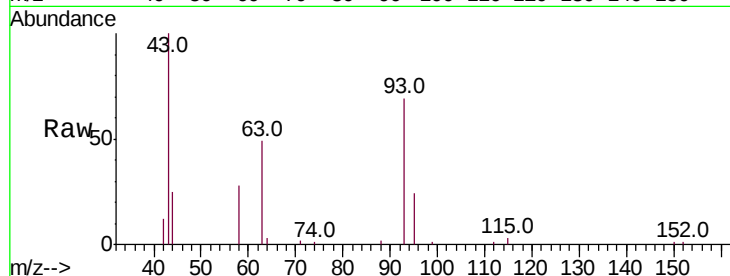
Tot Ion: 93 Resp: 8598

Ion Ratio Lower Upper

93 100

63 69.6 55.6 83.4

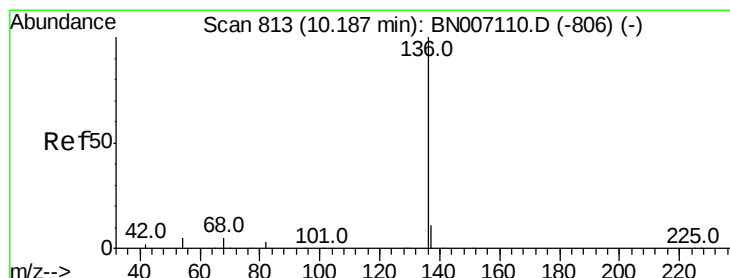
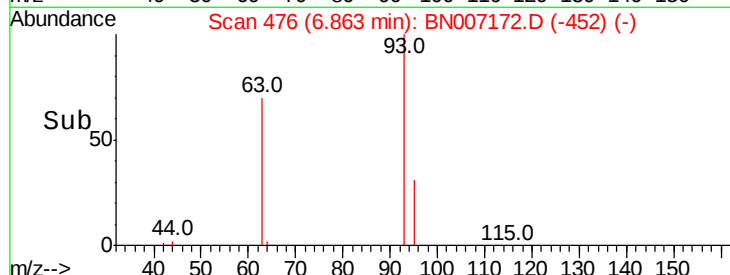
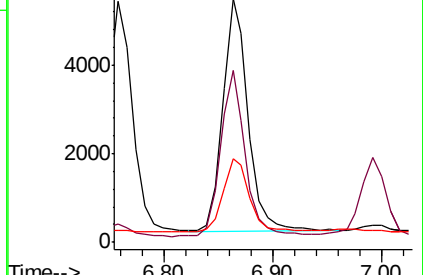
95 33.8 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007110.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007110.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007110.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Tgt Ion: 136 Resp: 33067

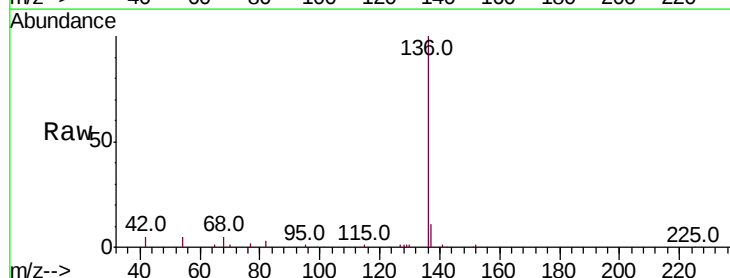
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 5.0 6.6 9.8#

68 4.9 6.0 9.0#

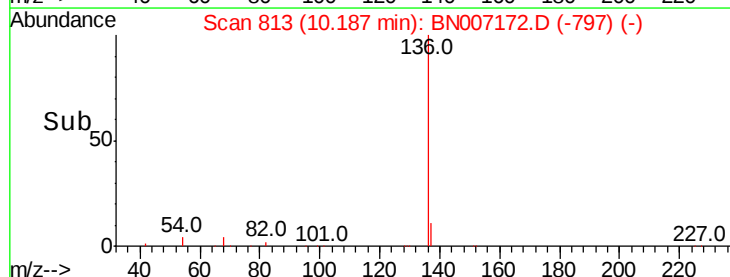
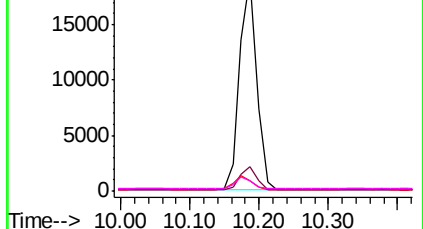


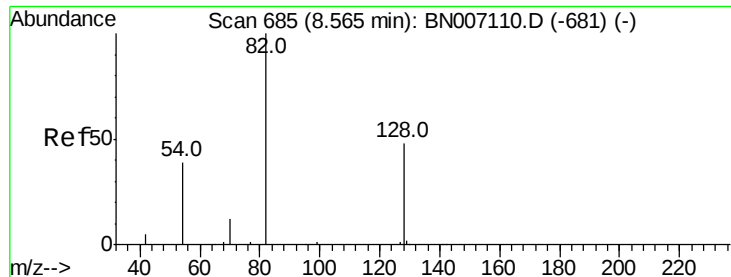
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)





#7

Nitrobenzene-d5

Concen: 0.356 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampleId :

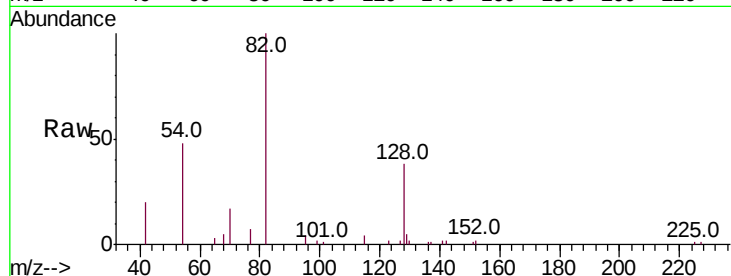
Tot Ion: 82 Resp: 9489

Ion Ratio Lower Upper

82 100

128 38.2 34.6 51.8

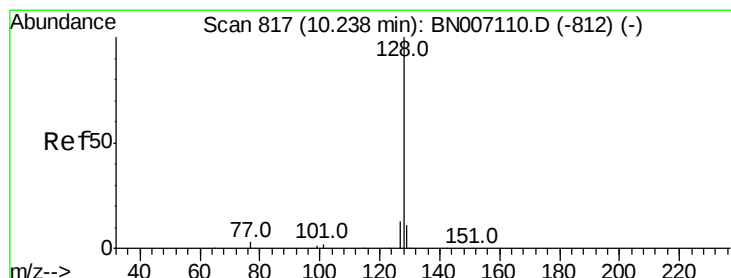
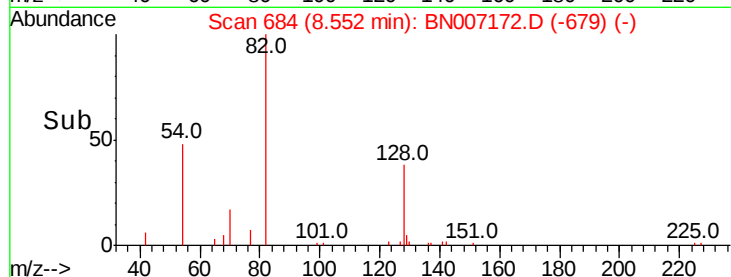
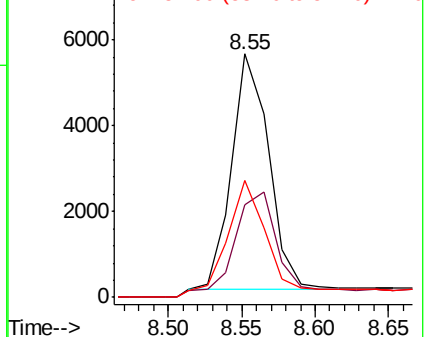
54 48.0 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007172.D (-679) (-)

Ion 128.00 (127.70 to 128.70): BN007172.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BN007172.D (-679) (-)



#8

Naphthalene

Concen: 0.340 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

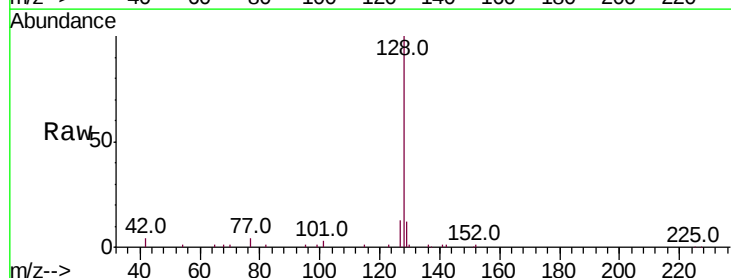
Tgt Ion: 128 Resp: 31503

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

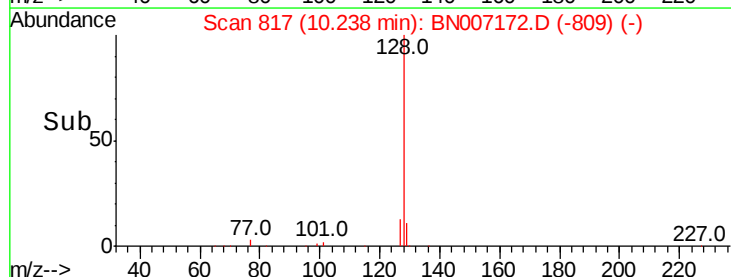
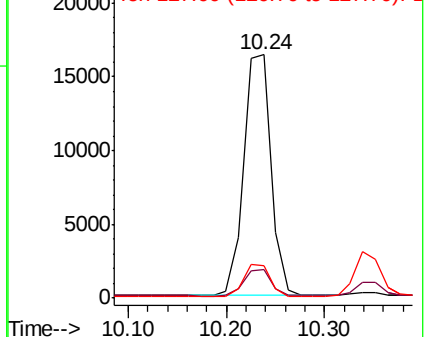
127 13.3 11.0 16.6

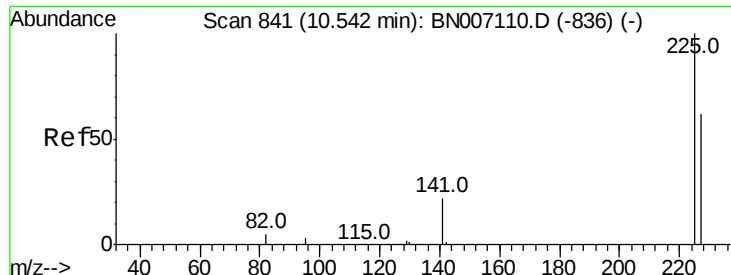


Abundance Ion 128.00 (127.70 to 128.70): BN007172.D (-809) (-)

Ion 129.00 (128.70 to 129.70): BN007172.D (-809) (-)

Ion 127.00 (126.70 to 127.70): BN007172.D (-809) (-)





#9

Hexachlorobutadiene

Concen: 0.341 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampled :

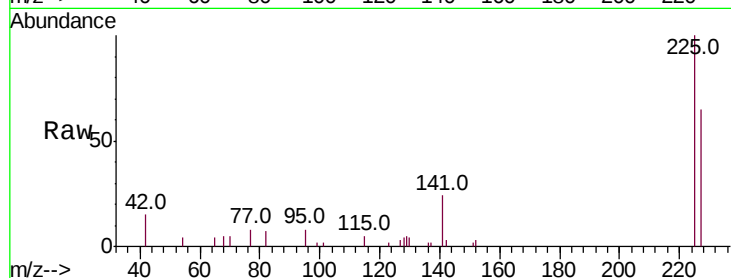
Tot Ion:225 Resp: 6741

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

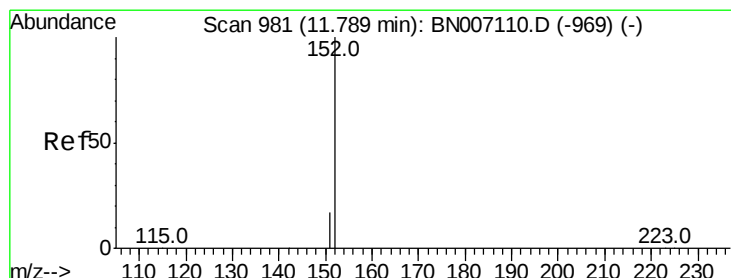
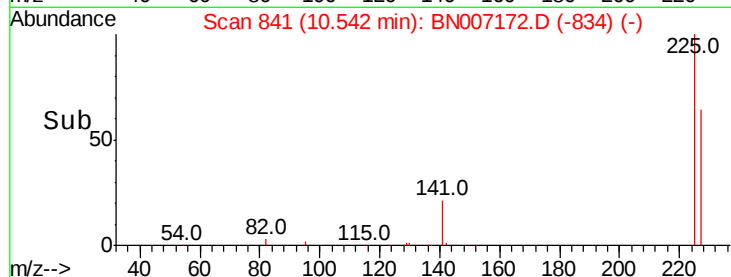
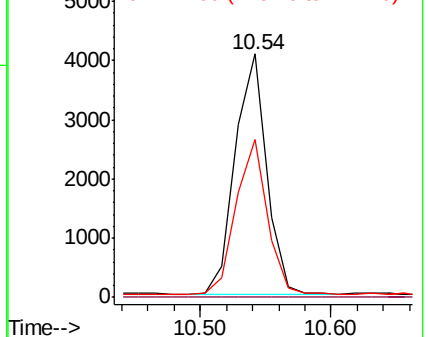
227 63.5 51.1 76.7



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



#10

2-Methylnaphthalene-d10

Concen: 0.337 ng

RT: 11.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BN007172.D

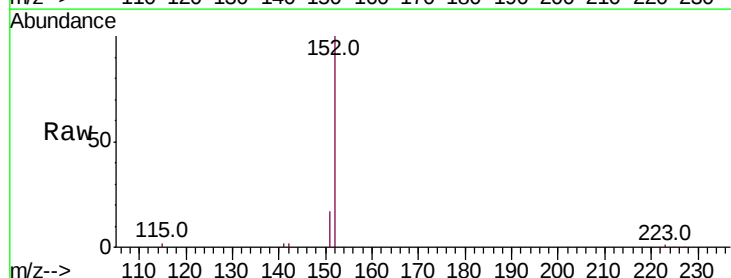
Acq: 14 Aug 2019 20:29

Tgt Ion:152 Resp: 20760

Ion Ratio Lower Upper

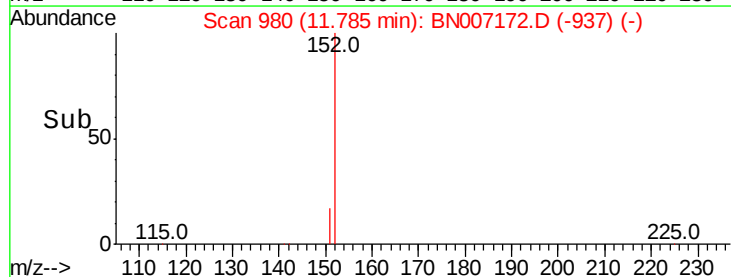
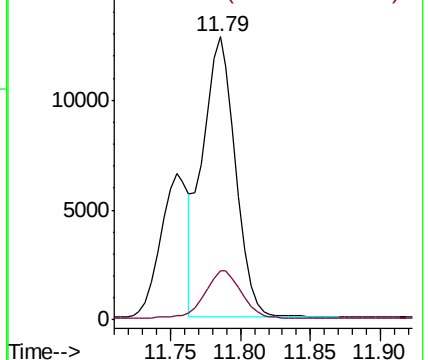
152 100

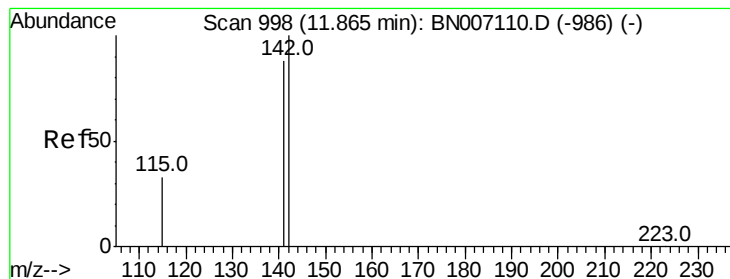
151 18.9 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.344 ng

RT: 11.86 min Scan# 997

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampleId :

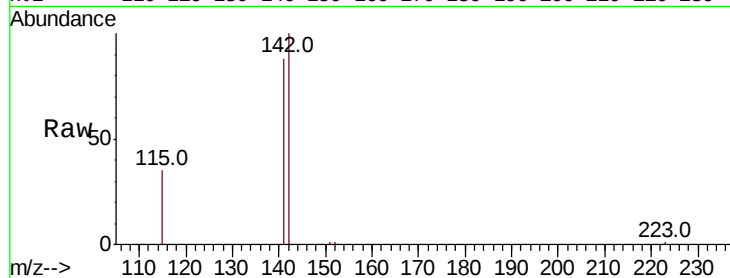
Tot Ion:142 Resp: 22607

Ion Ratio Lower Upper

142 100

141 88.2 69.0 103.6

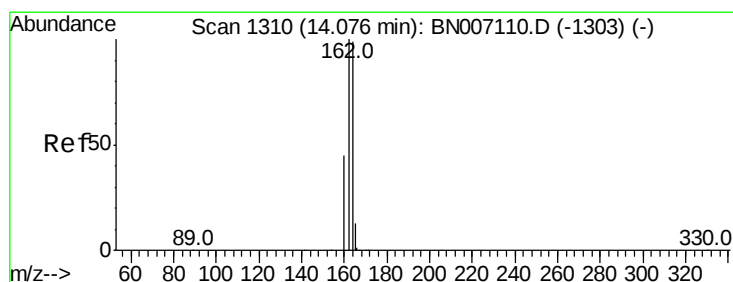
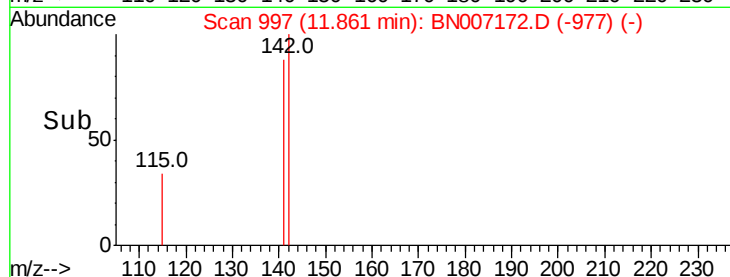
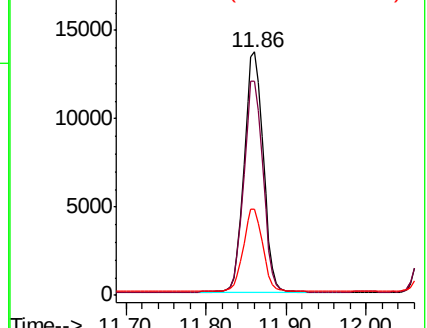
115 35.3 27.1 40.7



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



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

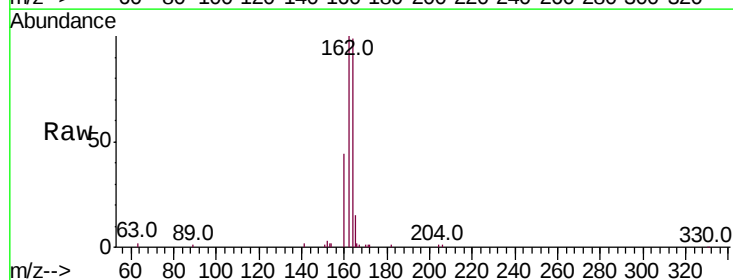
Tgt Ion:164 Resp: 17435

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.4

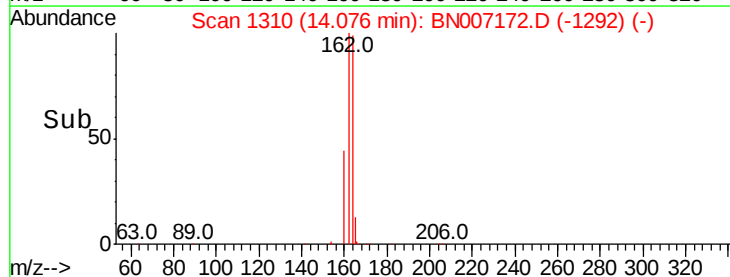
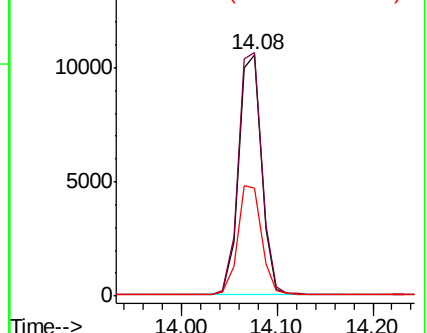
160 44.9 38.3 57.5

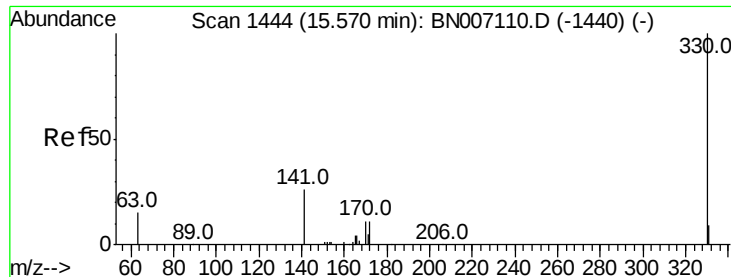


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

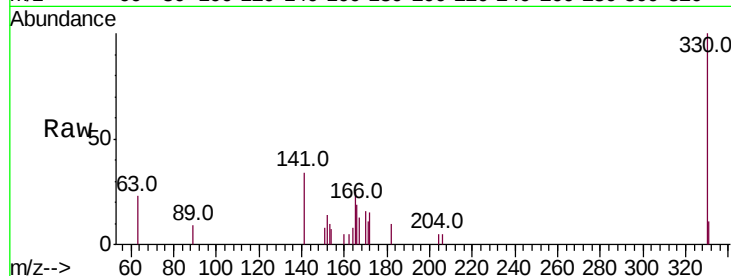




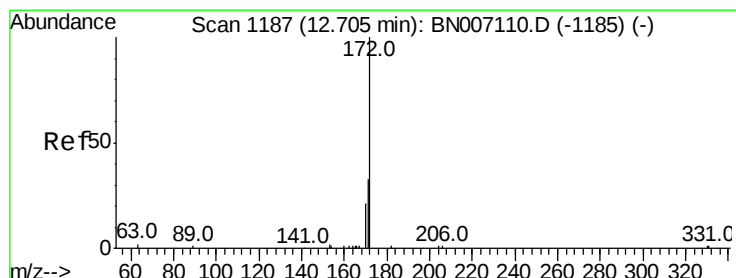
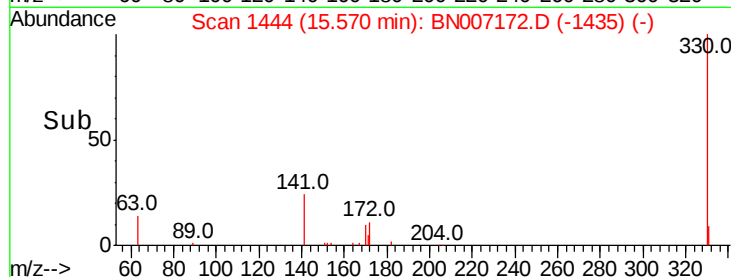
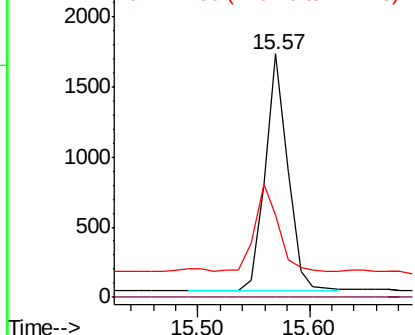
#13
 2,4,6-Tribromophenol
 Concen: 0.254 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007172.D
 Acq: 14 Aug 2019 20:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 2388
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.1 33.6 50.4

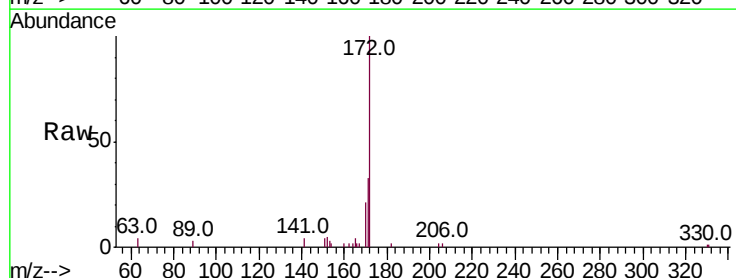


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

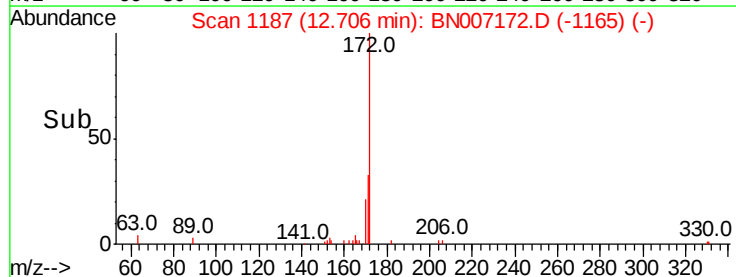
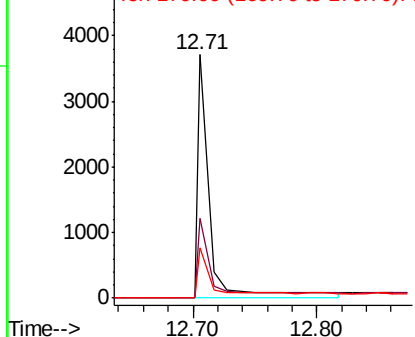


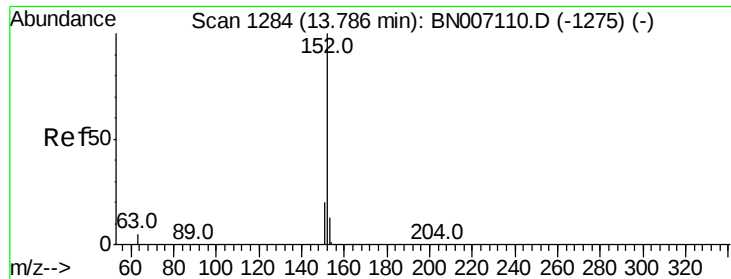
#14
 2-Fluorobiphenyl
 Concen: 0.117 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007172.D
 Acq: 14 Aug 2019 20:29

Tgt Ion:172 Resp: 2965
 Ion Ratio Lower Upper
 172 100
 171 32.9 26.3 39.5
 170 20.7 17.0 25.4



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





#15

Acenaphthylene

Concen: 0.476 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

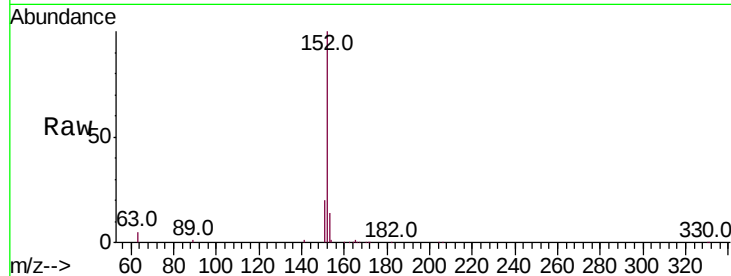
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 43398

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	12.8	10.4	15.6

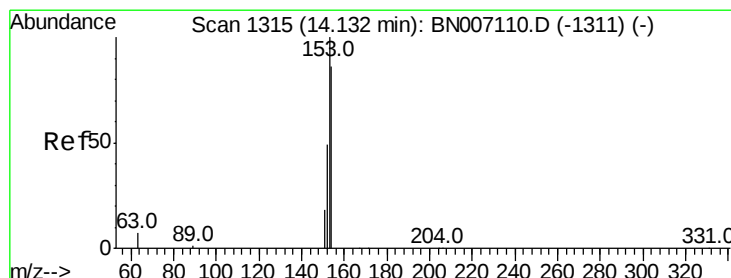
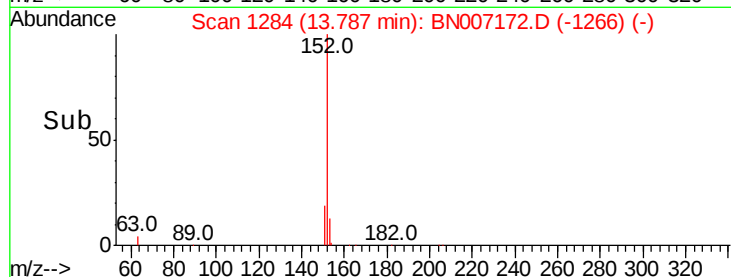
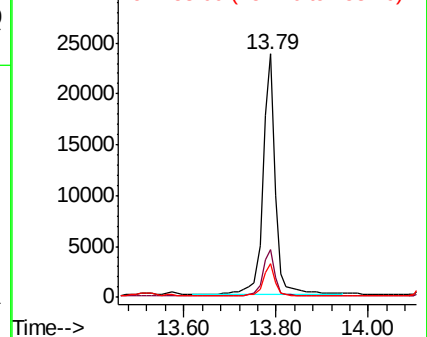


Abundance

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



#16

Acenaphthene

Concen: 0.353 ng

RT: 14.13 min Scan# 1315

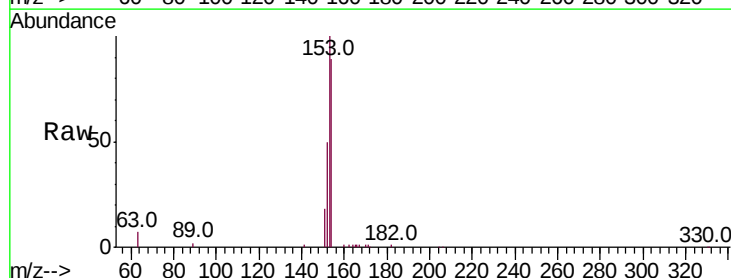
Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Tgt Ion:154 Resp: 20592

Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.5	134.3
152	54.2	44.8	67.2

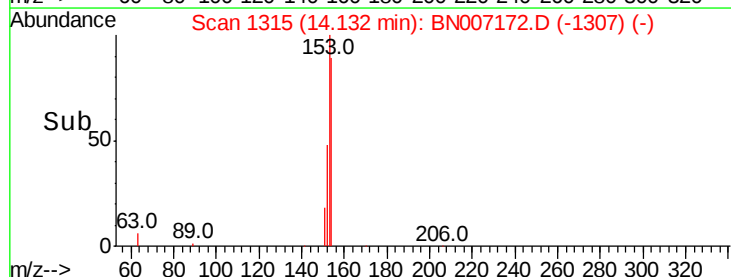
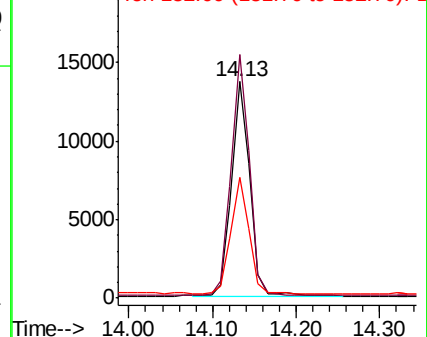


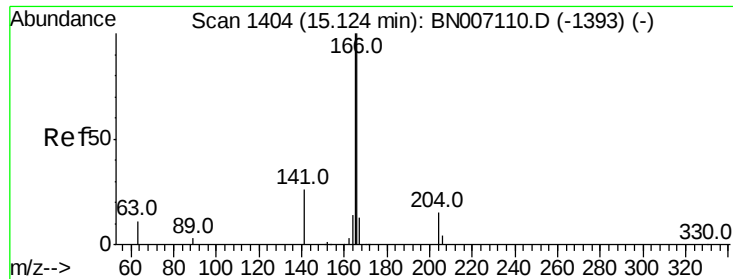
Abundance

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

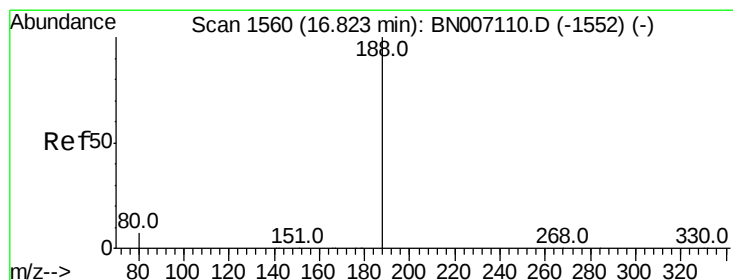
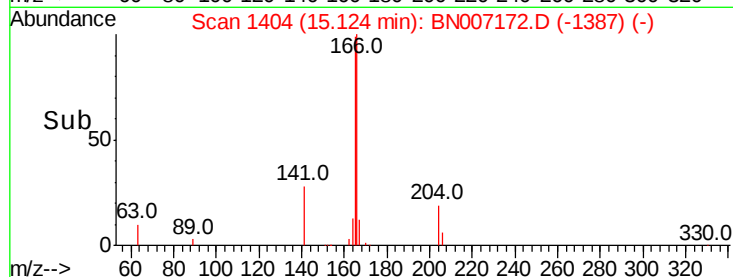
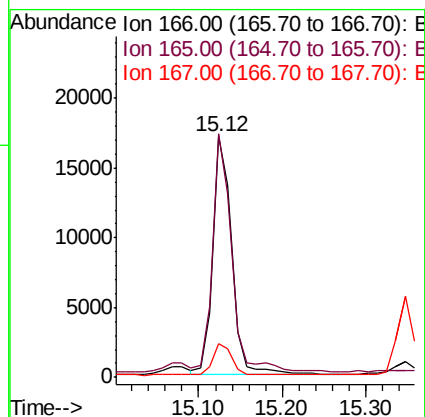
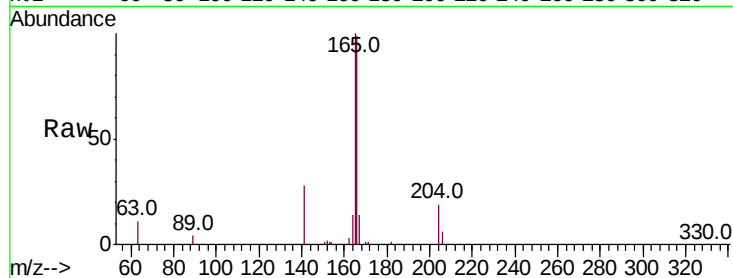




#17
Fluorene
 Concen: 0.308 ng
 RT: 15.12 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BN007172.D
 Acq: 14 Aug 2019 20:29

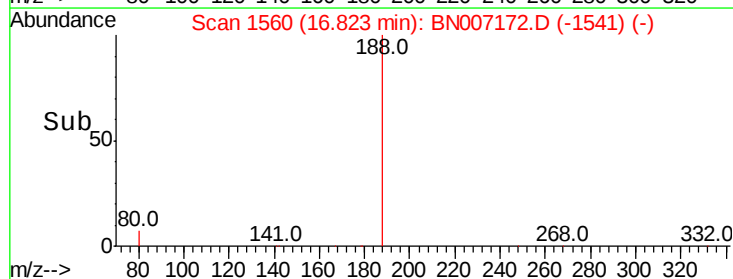
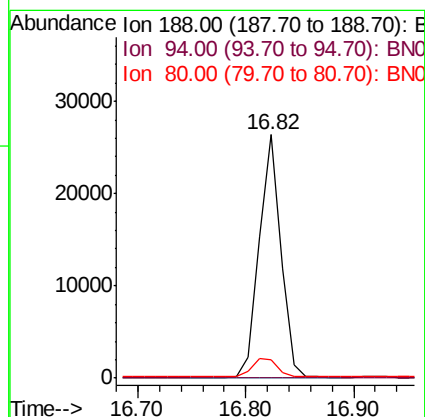
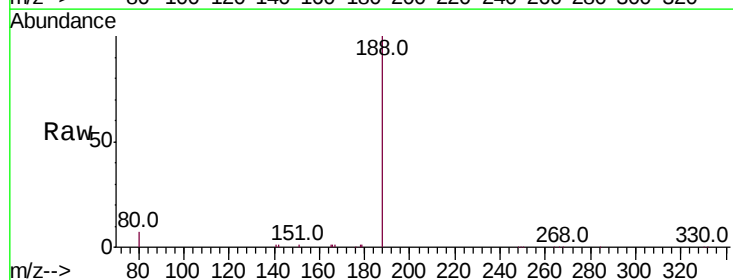
Instrument :
 BNA_N
 ClientSampleId :

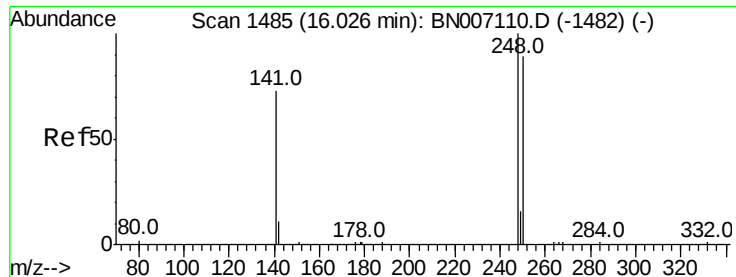
Tot Ion:166 Resp: 26895
 Ion Ratio Lower Upper
 166 100
 165 101.0 77.9 116.9
 167 13.1 10.9 16.3



#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007172.D
 Acq: 14 Aug 2019 20:29

Tgt Ion:188 Resp: 36467
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.4 7.8 11.6#





#19

4-Bromophenyl-phenylether

Concen: 0.373 ng

RT: 16.03 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampleId :

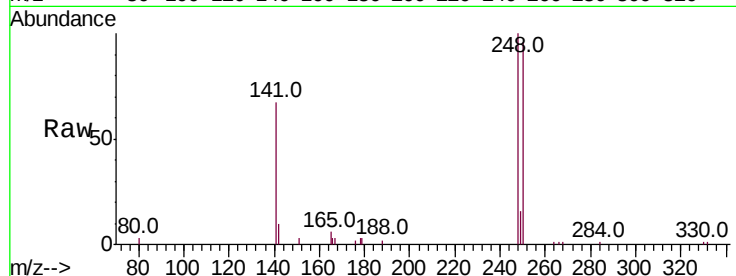
Tot Ion:248 Resp: 8416

Ion Ratio Lower Upper

248 100

250 96.3 78.9 118.3

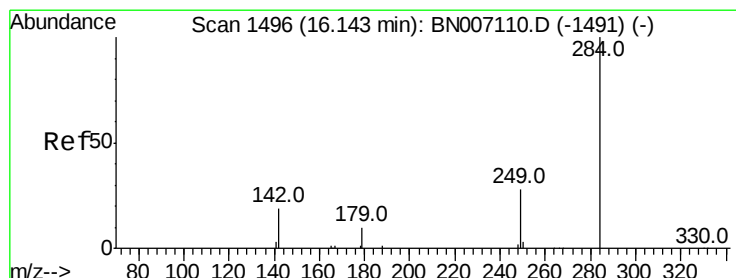
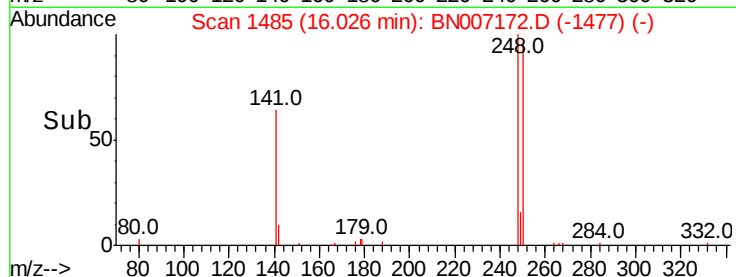
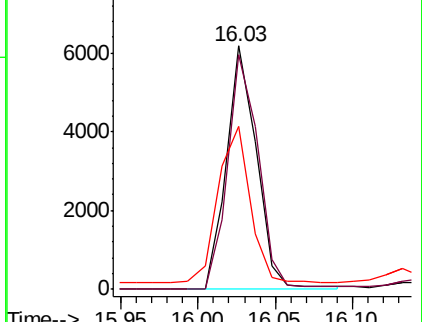
141 66.9 43.3 64.9#



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



#20

Hexachlorobenzene

Concen: 0.374 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

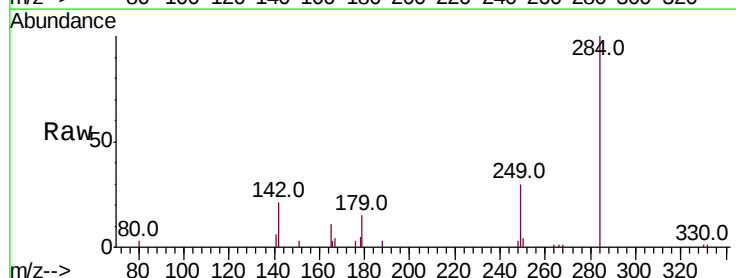
Tgt Ion:284 Resp: 8109

Ion Ratio Lower Upper

284 100

142 36.5 30.5 45.7

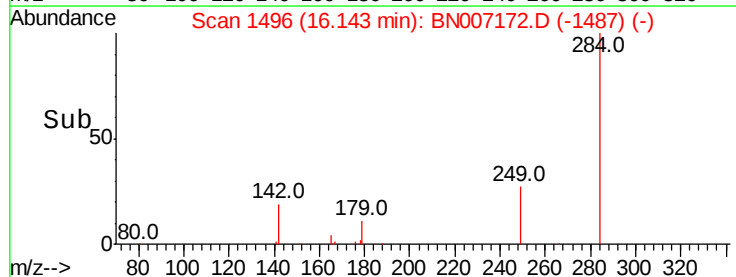
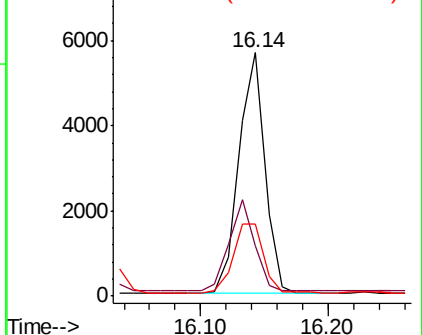
249 33.2 26.7 40.1

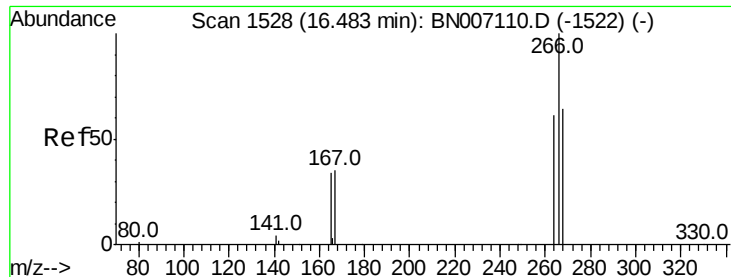


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

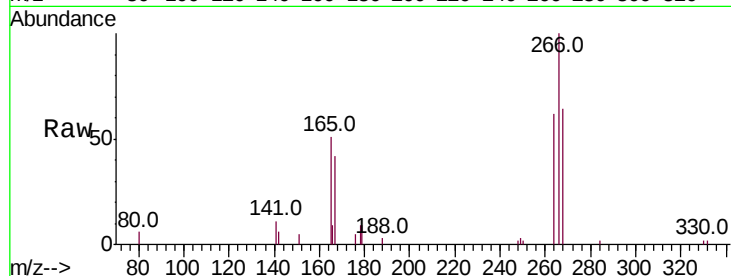




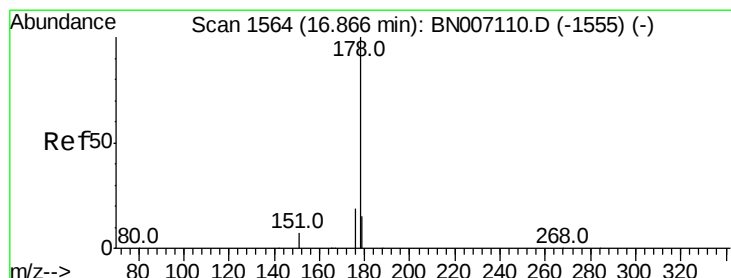
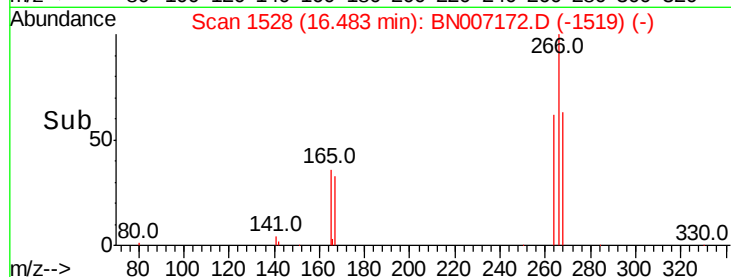
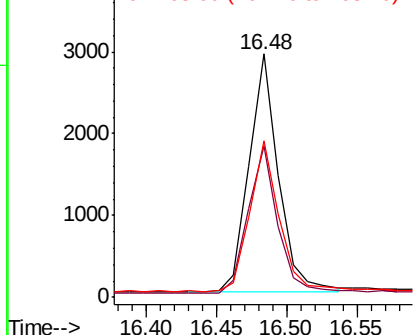
#21
 Pentachlorophenol
 Concen: 0.526 ng
 RT: 16.48 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BN007172.D
 Acq: 14 Aug 2019 20:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 4253
 Ion Ratio Lower Upper
 266 100
 264 62.1 52.3 78.5
 268 64.2 51.5 77.3

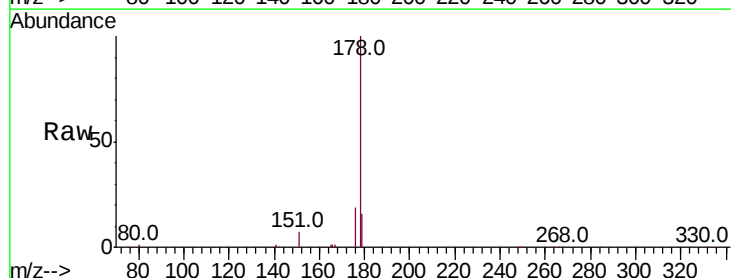


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

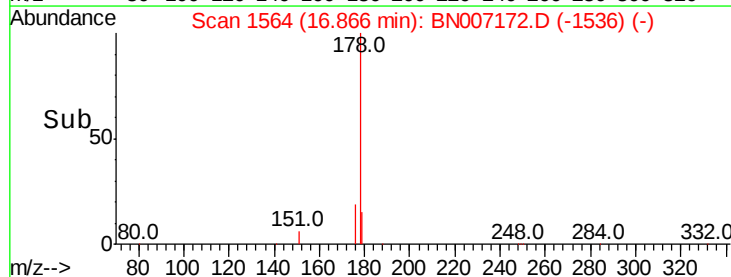
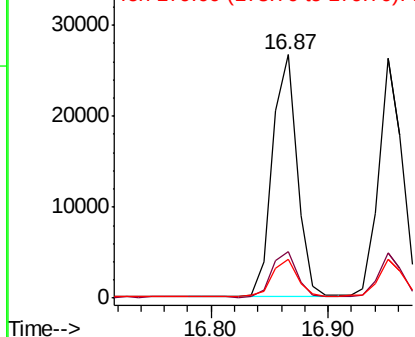


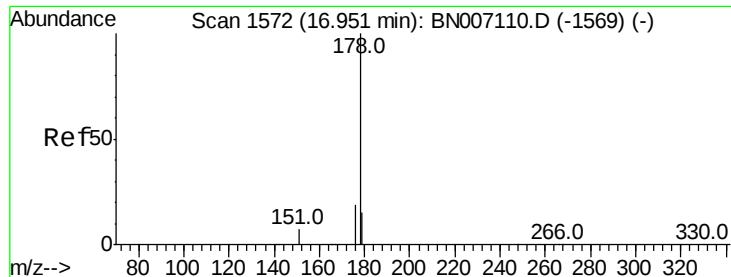
#22
 Phenanthrene
 Concen: 0.359 ng
 RT: 16.87 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BN007172.D
 Acq: 14 Aug 2019 20:29

Tgt Ion:178 Resp: 39254
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.8 12.3 18.5



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





#23

Anthracene

Concen: 0.373 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

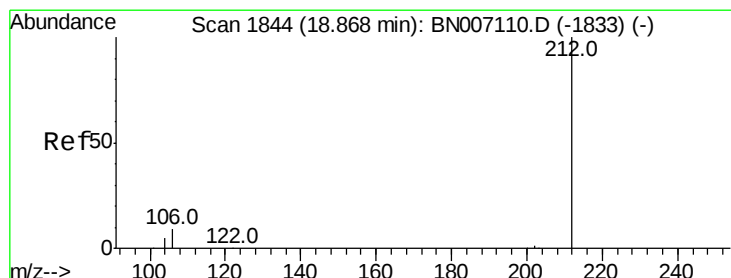
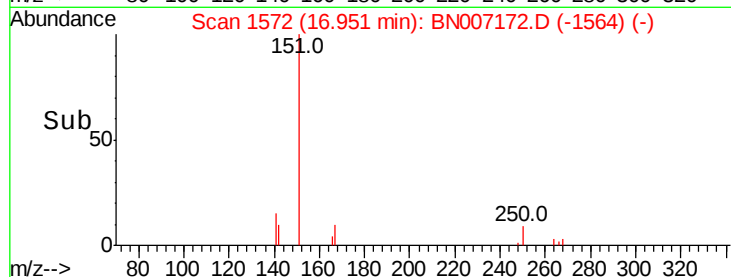
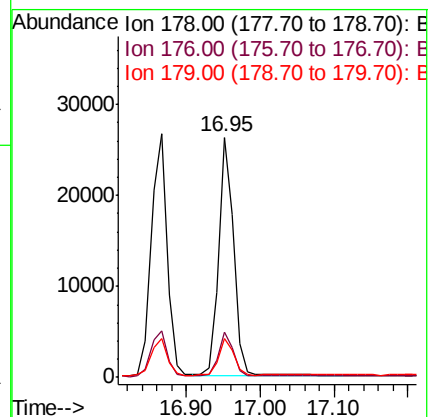
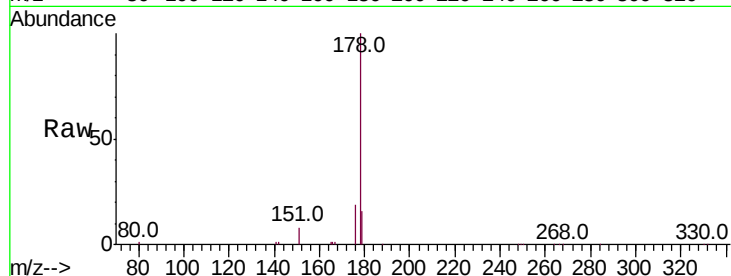
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 37240

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.3	12.5	18.7



#24

Fluoranthene-d10

Concen: 0.306 ng

RT: 18.87 min Scan# 1844

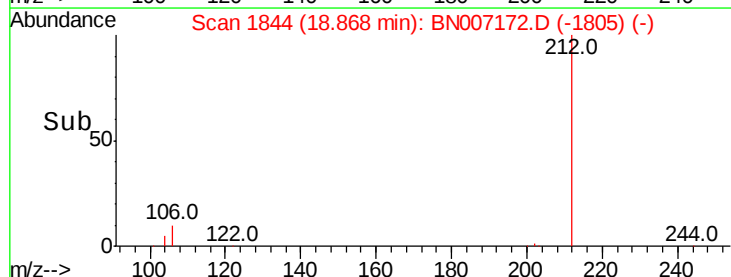
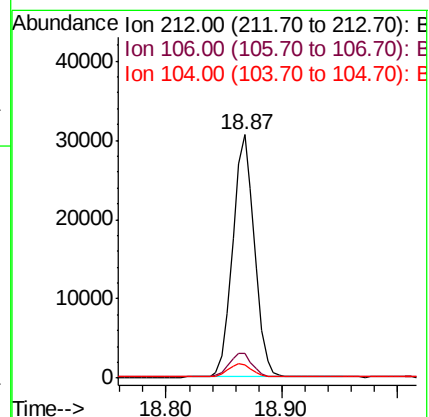
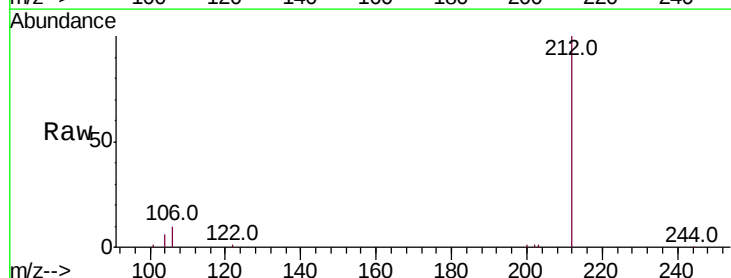
Delta R.T. -0.01 min

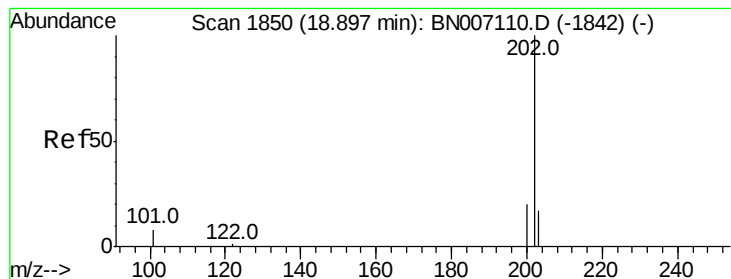
Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Tgt Ion:212 Resp: 39528

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.2
104	5.8	4.5	6.7





#25

Fluoranthene

Concen: 0.323 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampleId :

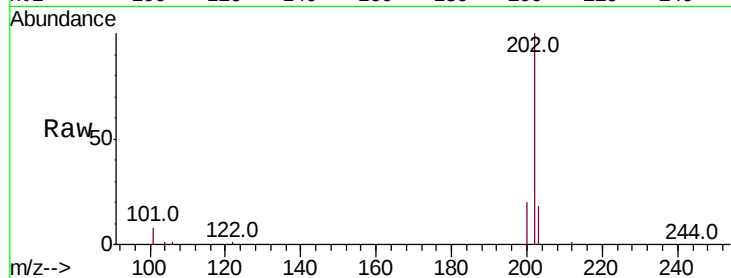
Tot Ion:202 Resp: 45092

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.4

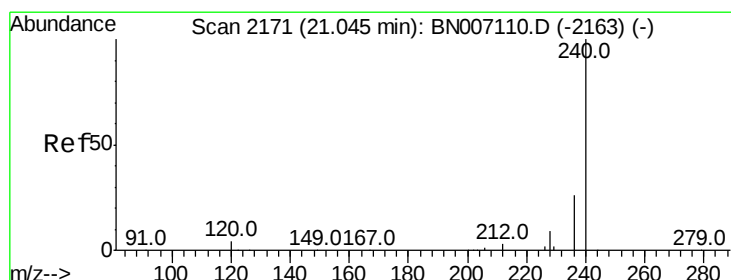
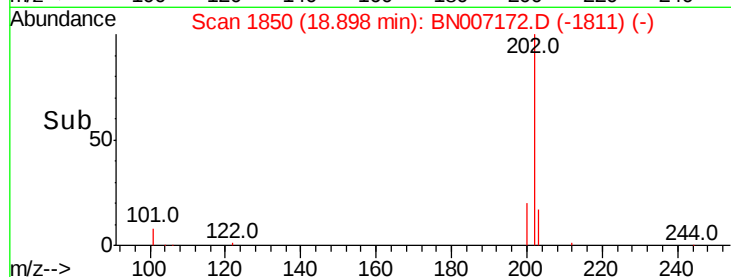
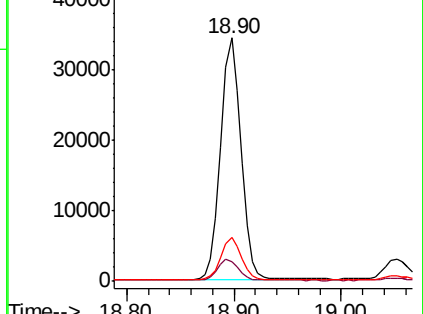
203 17.1 13.8 20.8



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

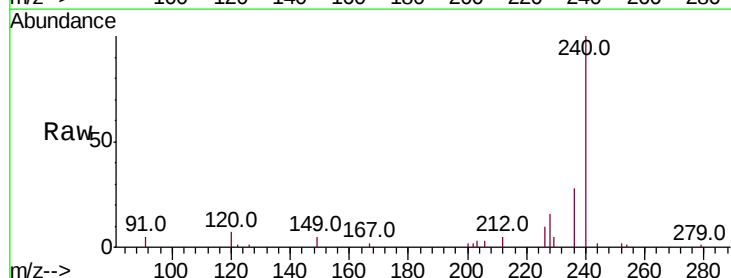
Tgt Ion:240 Resp: 30745

Ion Ratio Lower Upper

240 100

120 7.1 4.0 6.0#

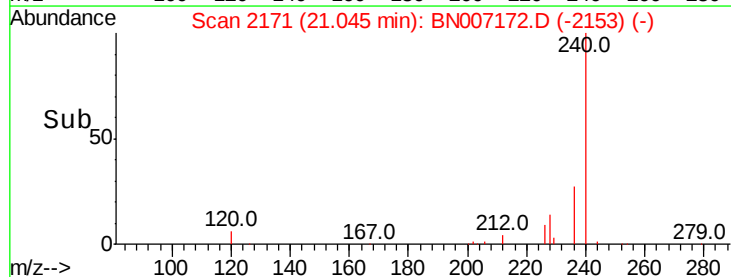
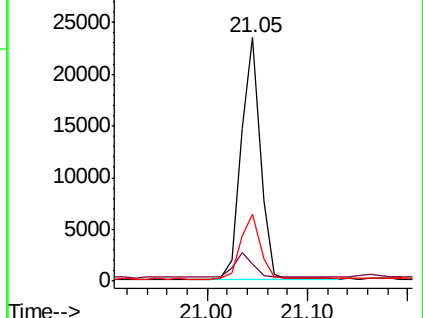
236 27.5 21.3 31.9

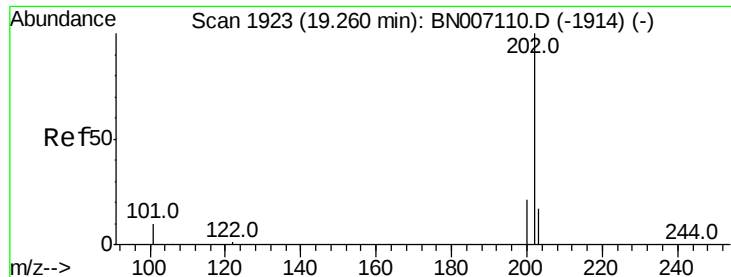


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pvrene

Concen: 0.440 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampleId :

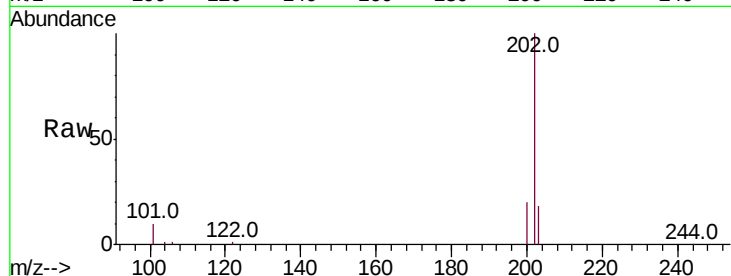
Tot Ion:202 Resp: 47412

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

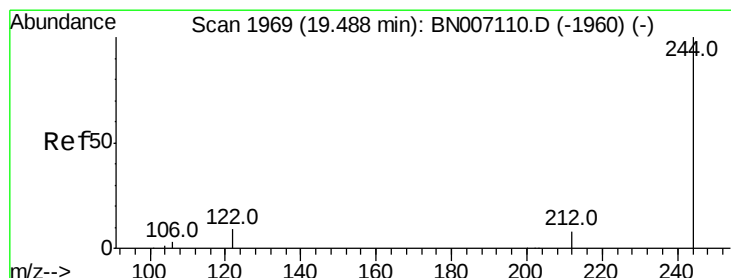
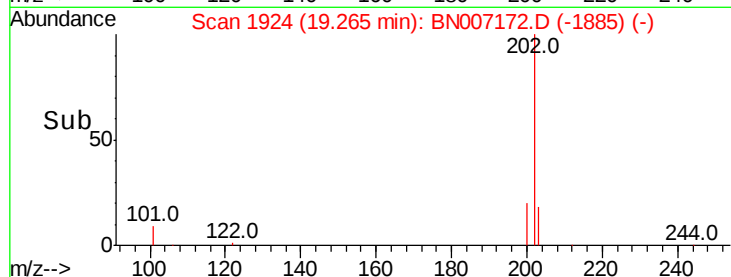
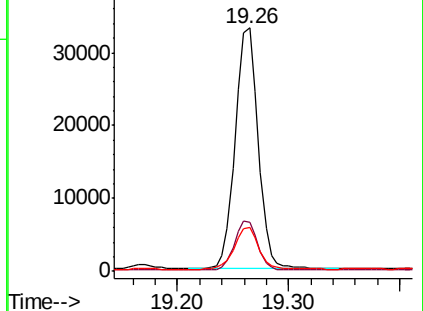
203 19.3 14.0 21.0



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



#28

Terphenyl-d14

Concen: 0.376 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

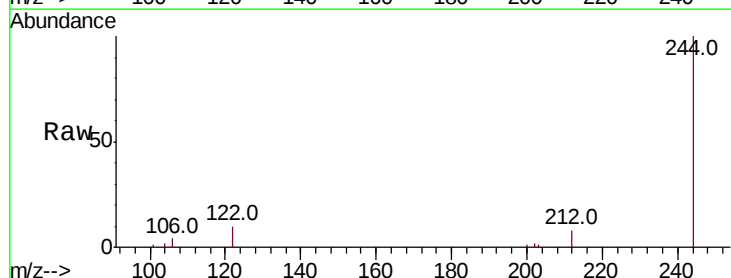
Tgt Ion:244 Resp: 31493

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

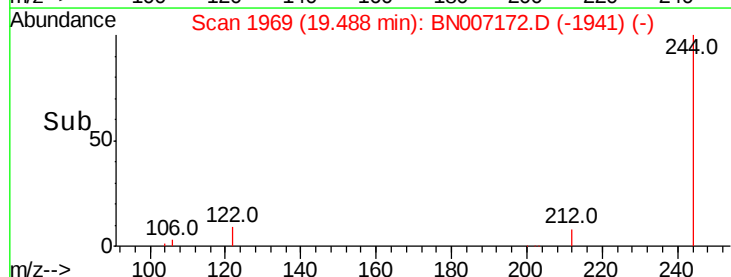
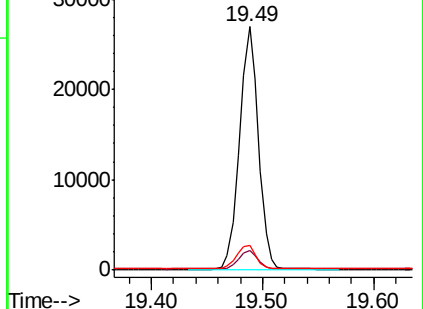
122 9.9 7.4 11.2

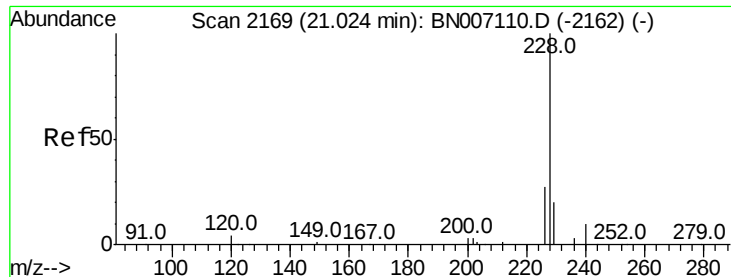


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.392 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

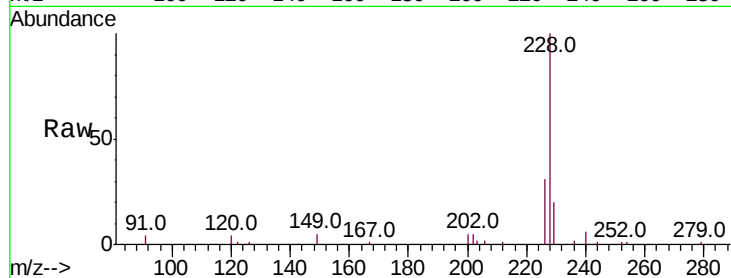
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 44037

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.8	32.6
229	20.3	15.6	23.4

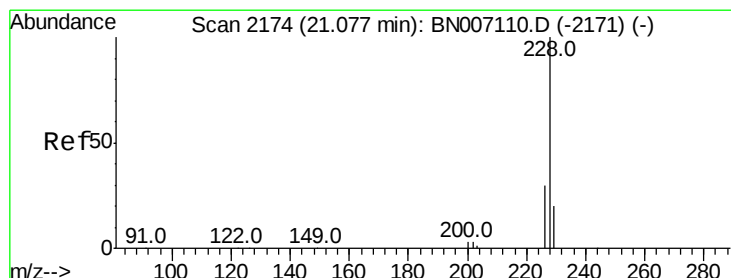
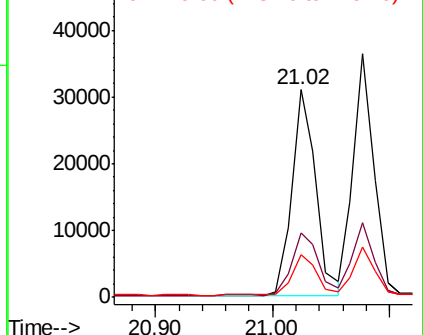
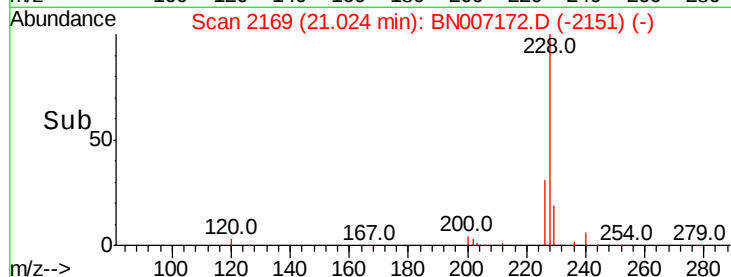


Abundance

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



#30

Chrysene

Concen: 0.400 ng

RT: 21.08 min Scan# 2174

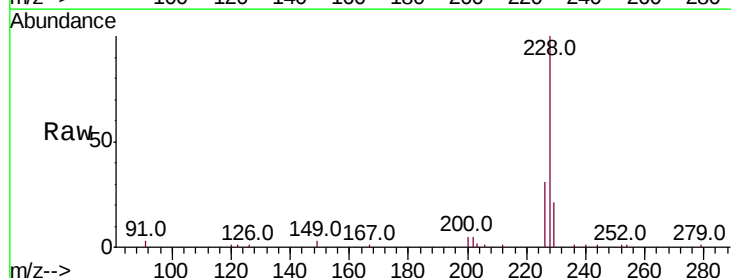
Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Tgt Ion:228 Resp: 43703

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	20.5	15.7	23.5

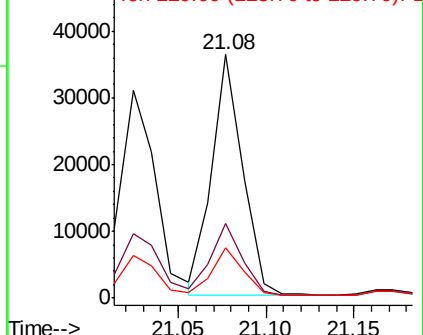
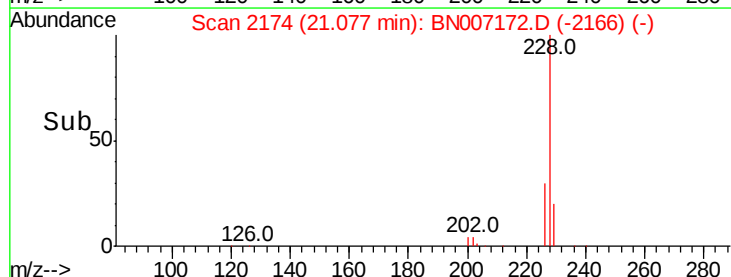


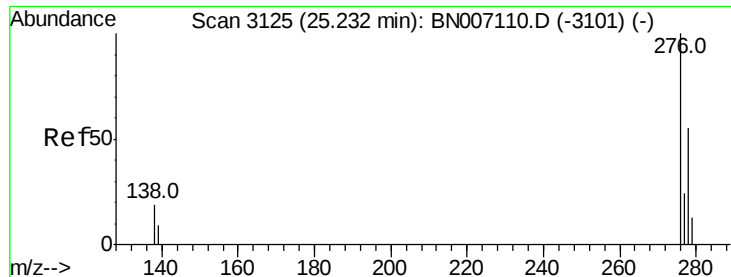
Abundance

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

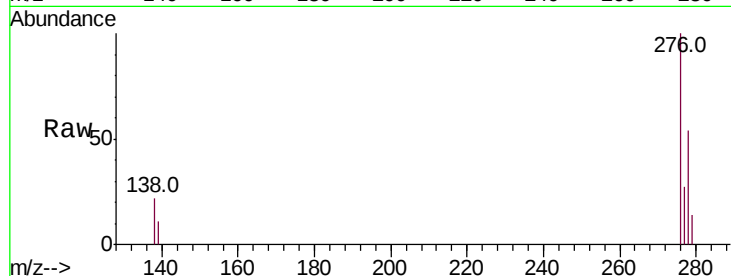




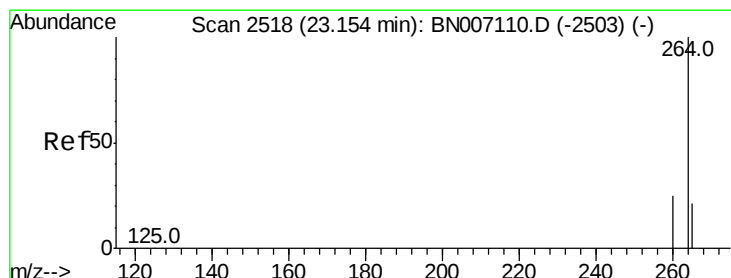
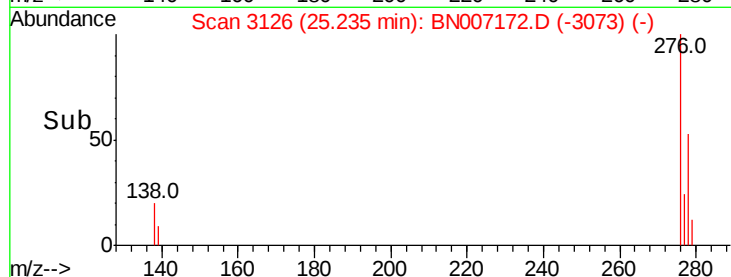
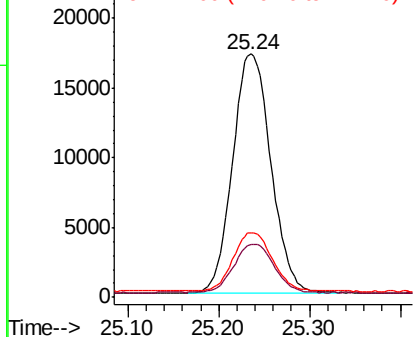
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 25.24 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BN007172.D
Acq: 14 Aug 2019 20:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.0	24.0
277	24.8	19.9	29.9

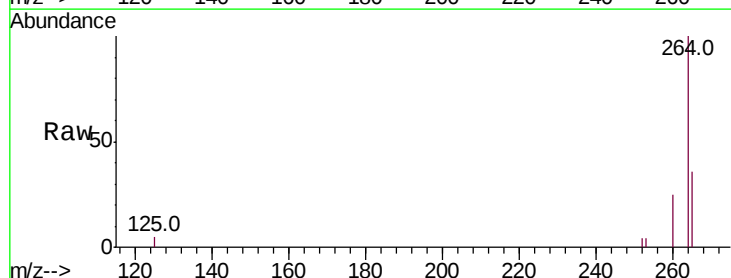


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

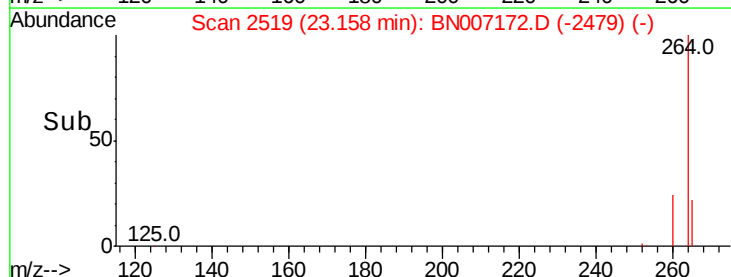
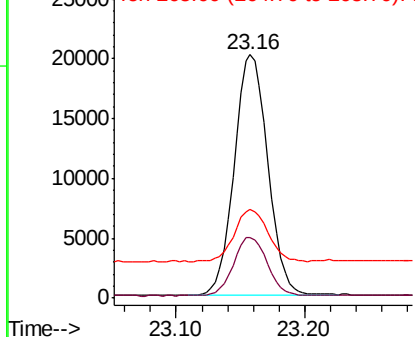


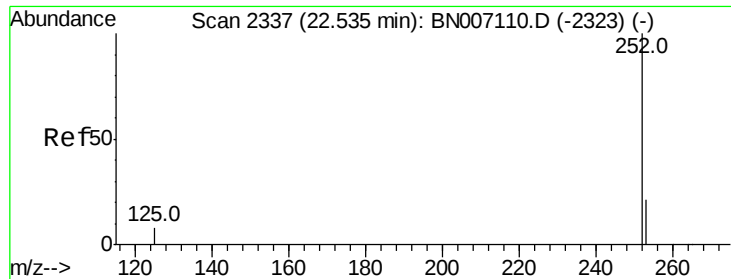
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BN007172.D
Acq: 14 Aug 2019 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	36.5	26.2	39.4



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

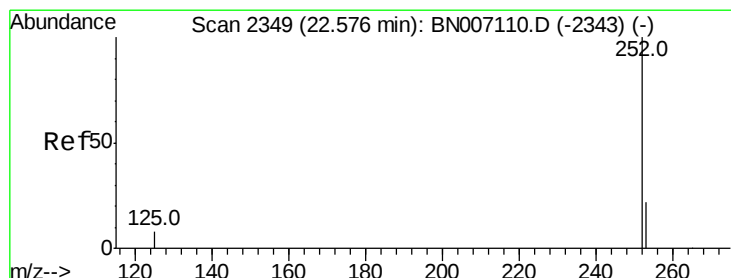
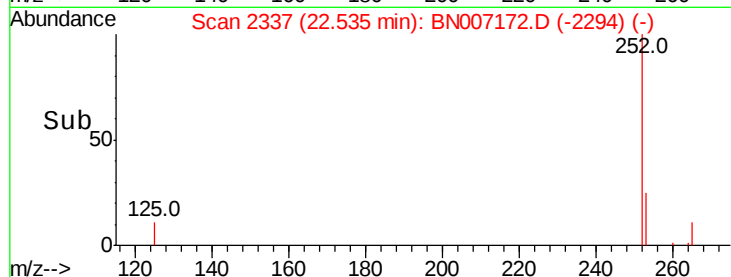
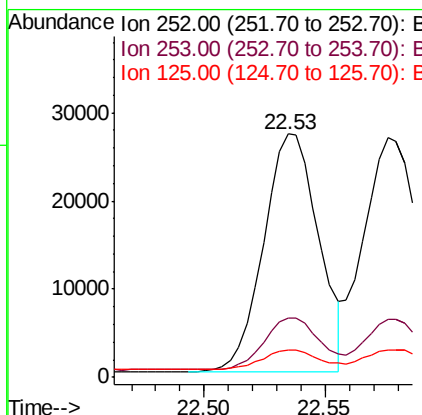
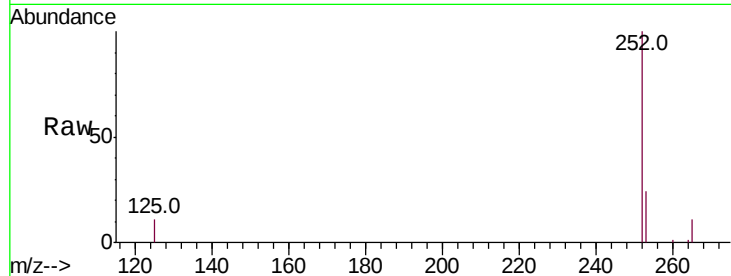




#33
Benzo(b)fluoranthene
Concen: 0.340 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007172.D
Acq: 14 Aug 2019 20:29

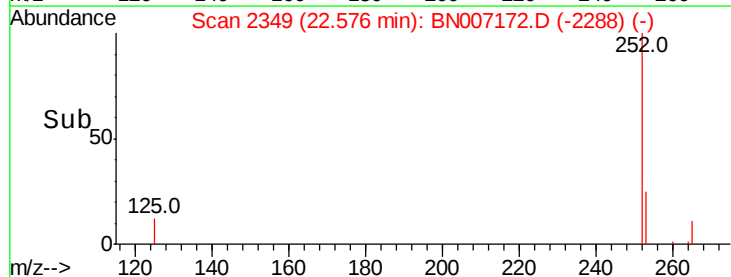
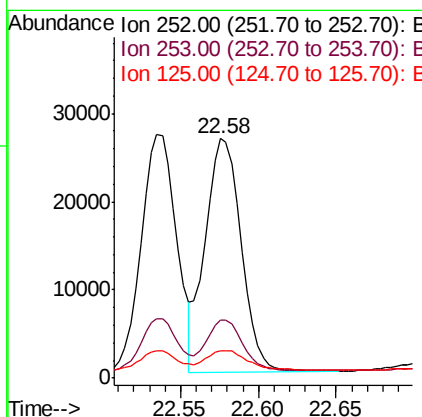
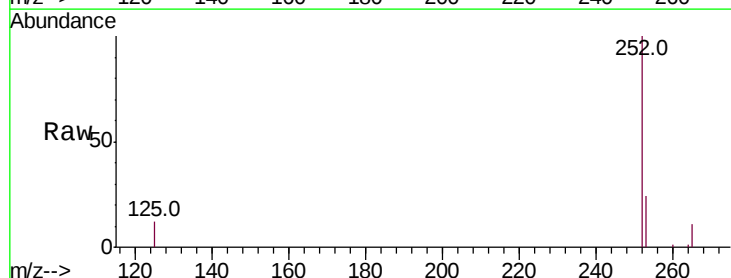
Instrument :
BNA_N
ClientSampleId :

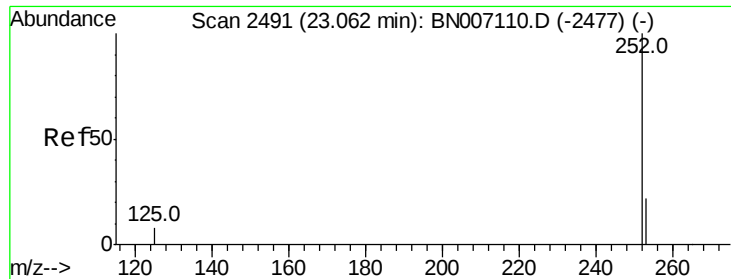
Tot Ion:252 Resp: 42530
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.2
125 11.1 7.4 11.0#



#34
Benzo(k)fluoranthene
Concen: 0.346 ng
RT: 22.58 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BN007172.D
Acq: 14 Aug 2019 20:29

Tgt Ion:252 Resp: 42671
Ion Ratio Lower Upper
252 100
253 24.3 18.1 27.1
125 11.6 7.4 11.0#

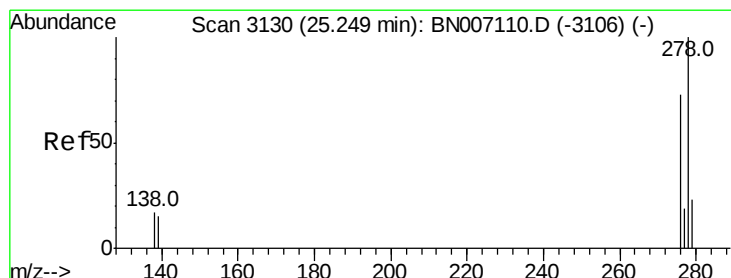
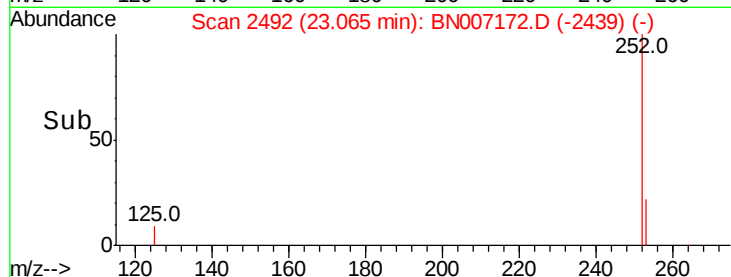
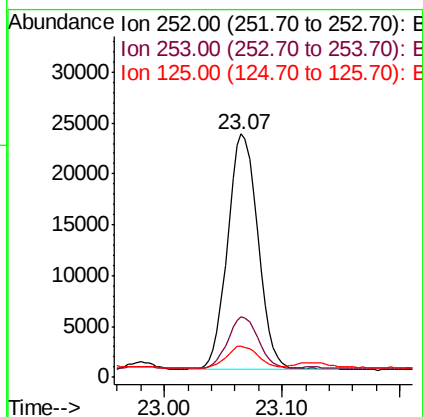
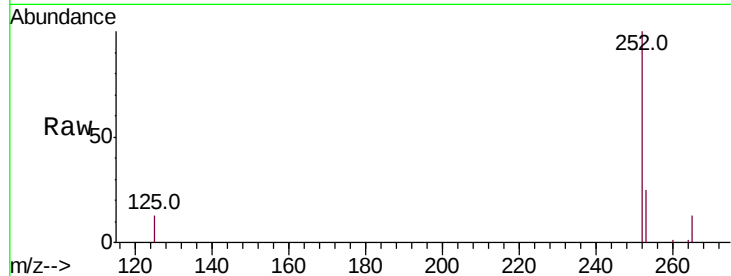




#35
Benzo(a)pyrene
Concen: 0.367 ng
RT: 23.07 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BN007172.D
Acq: 14 Aug 2019 20:29

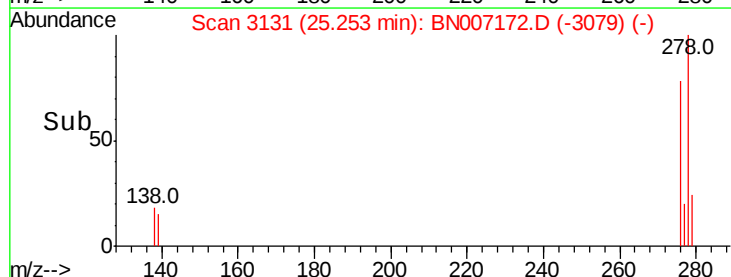
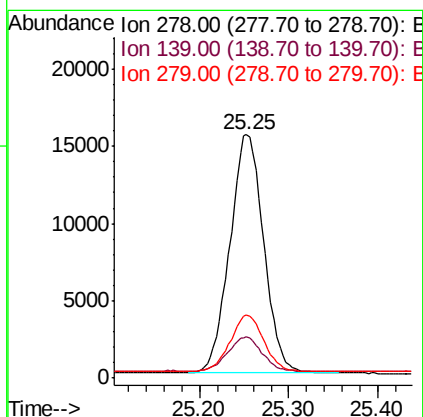
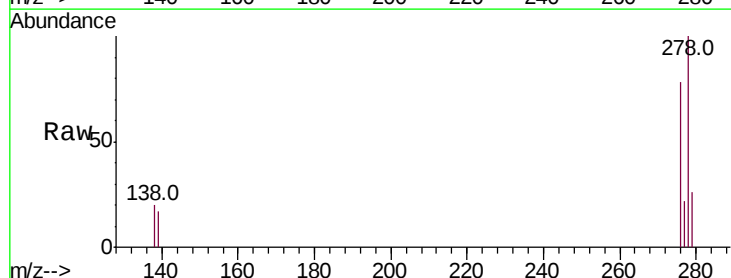
Instrument :
BNA_N
ClientSampleId :

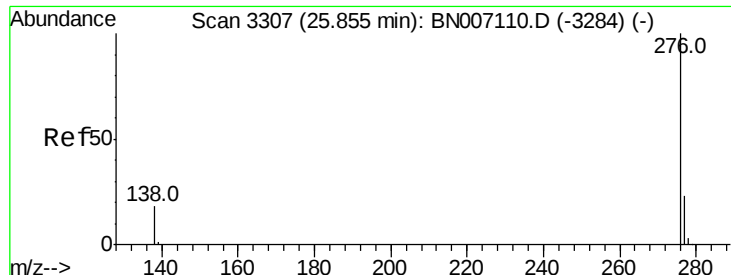
Tot Ion:252 Resp: 41575
Ion Ratio Lower Upper
252 100
253 24.7 18.5 27.7
125 12.6 8.2 12.4#



#36
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BN007172.D
Acq: 14 Aug 2019 20:29

Tgt Ion:278 Resp: 40935
Ion Ratio Lower Upper
278 100
139 17.1 11.3 16.9#
279 25.8 19.3 28.9





#37

Benzo(a,h,i)perylene

Concen: 0.377 ng

RT: 25.87 min Scan# 3310

Delta R.T. -0.01 min

Lab File: BN007172.D

Acq: 14 Aug 2019 20:29

Instrument :

BNA_N

ClientSampleId :

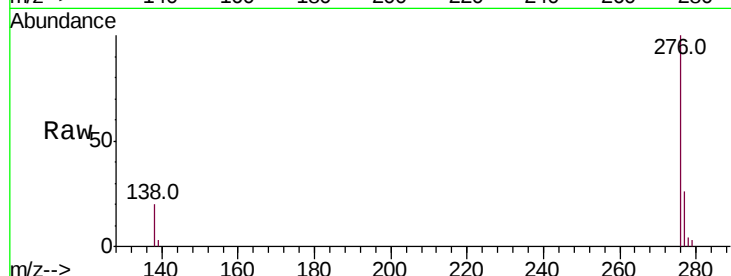
Tot Ion:276 Resp: 43805

Ion Ratio Lower Upper

276 100

277 25.7 19.8 29.8

138 19.6 14.6 22.0



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

