

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
 Data File : BN007071.D
 Acq On : 11 Aug 2019 04:59
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 12 04:40:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 10 21:44:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	7757	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	29101	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	16571	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	39868	0.40	ng	0.00
26) Chrysene-d12	21.03	240	41301	0.40	ng	-0.02
32) Perylene-d12	23.15	264	43645	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.06	112	7450	0.40	ng	0.00
4) Phenol-d6	6.61	99	9338	0.40	ng	0.00
7) Nitrobenzene-d5	8.56	82	8854	0.38	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	20135	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2633	0.30	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	7957	0.33	ng	0.00
24) Fluoranthene-d10	18.87	212	49824	0.35	ng	0.00
28) Terphenyl-d14	19.49	244	43253	0.38	ng	-0.01

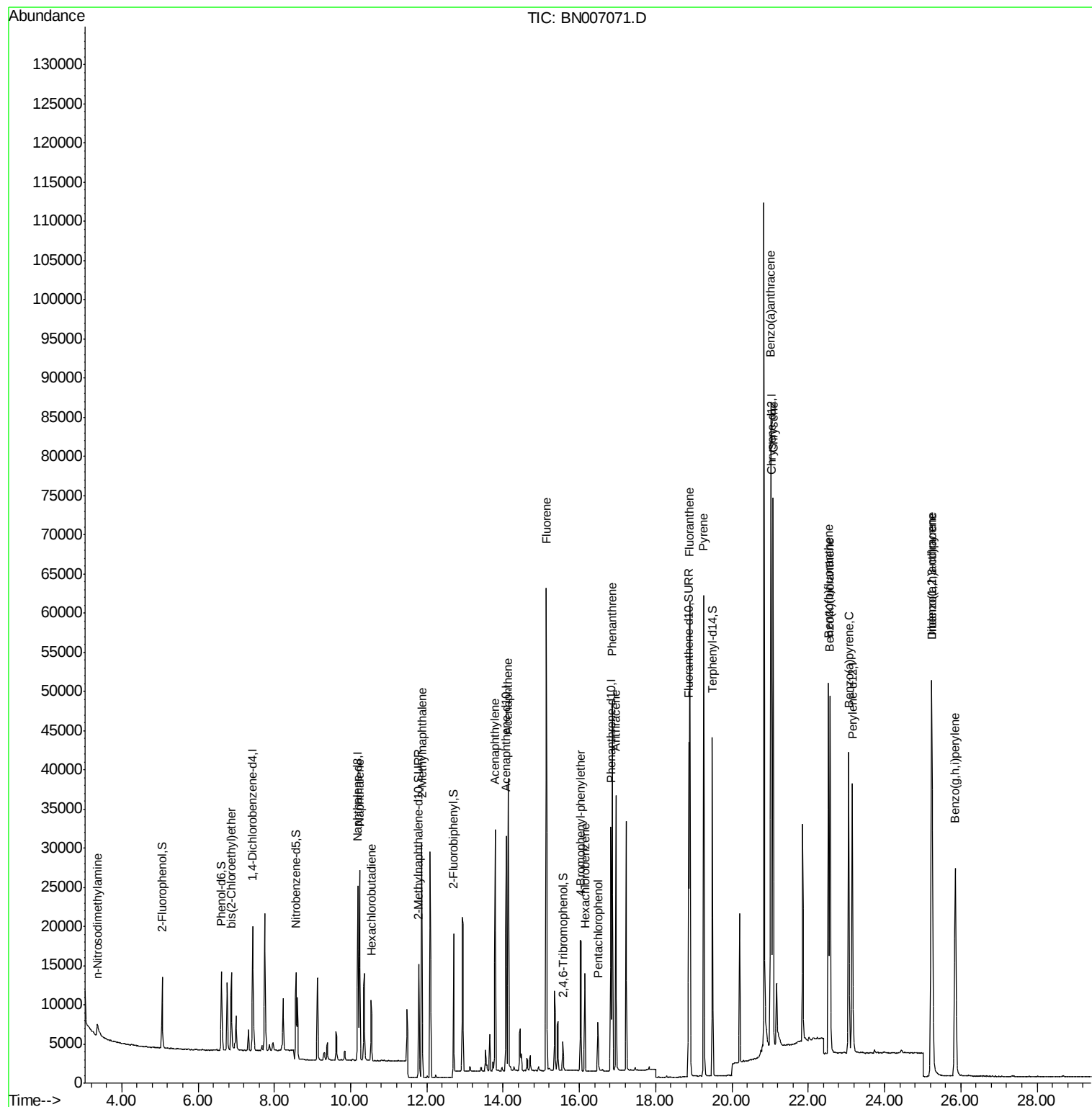
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) n-Nitrosodimethylamine	3.36	42	1828	0.358	ng	# 95
5) bis(2-Chloroethyl)ether	6.87	93	7826	0.383	ng	98
8) Naphthalene	10.24	128	30431	0.373	ng	99
9) Hexachlorobutadiene	10.54	225	6534	0.376	ng	# 100
11) 2-Methylnaphthalene	11.87	142	21489	0.372	ng	98
15) Acenaphthylene	13.79	152	33175	0.383	ng	100
16) Acenaphthene	14.13	154	21167	0.382	ng	98
17) Fluorene	15.13	166	27079	0.326	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	9822	0.398	ng	93
20) Hexachlorobenzene	16.14	284	9513	0.401	ng	100
21) Pentachlorophenol	16.48	266	3086	0.349	ng	97
22) Phenanthrene	16.87	178	45737	0.383	ng	100
23) Anthracene	16.96	178	40787	0.374	ng	100
25) Fluoranthene	18.90	202	54811	0.359	ng	100
27) Pyrene	19.26	202	55823	0.385	ng	100
29) Benzo(a)anthracene	21.02	228	57435	0.380	ng	100
30) Chrysene	21.08	228	58275	0.397	ng	99
31) Indeno(1,2,3-cd)pyrene	25.23	276	65136	0.403	ng	99
33) Benzo(b)fluoranthene	22.53	252	58020	0.388	ng	100
34) Benzo(k)fluoranthene	22.57	252	56724	0.384	ng	100
35) Benzo(a)pyrene	23.06	252	52228	0.385	ng	99
36) Dibenzo(a,h)anthracene	25.25	278	53325	0.394	ng	100
37) Benzo(g,h,i)perylene	25.85	276	54053	0.388	ng	99

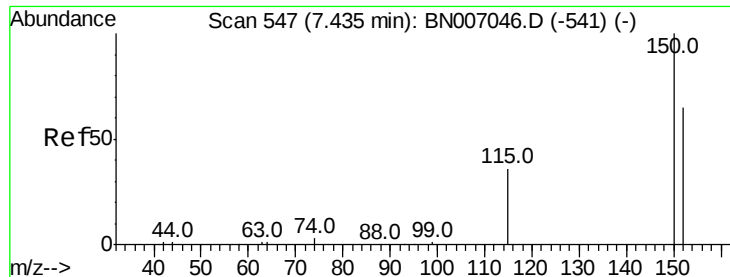
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081019\
Data File : BN007071.D
Acq On : 11 Aug 2019 04:59
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 12 04:40:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 10 21:44:50 2019
Response via : Initial Calibration



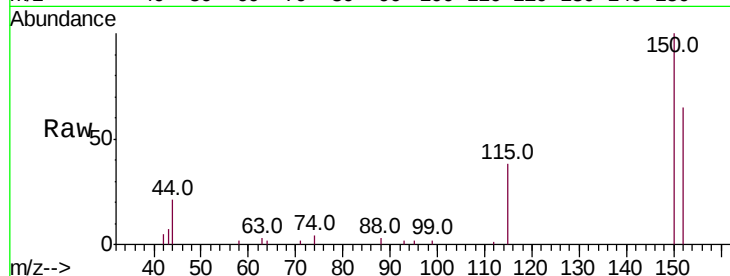


#1

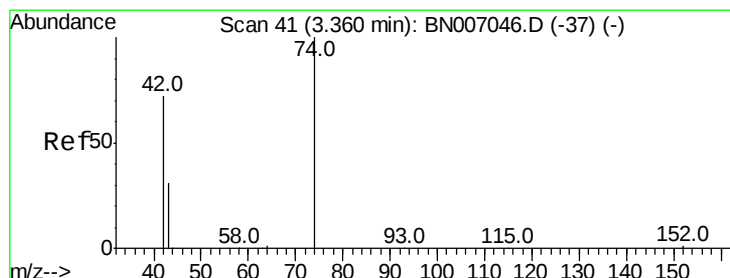
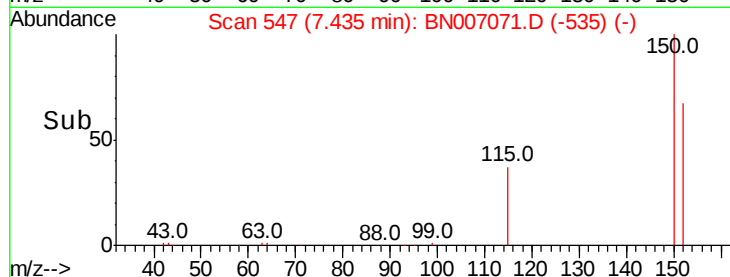
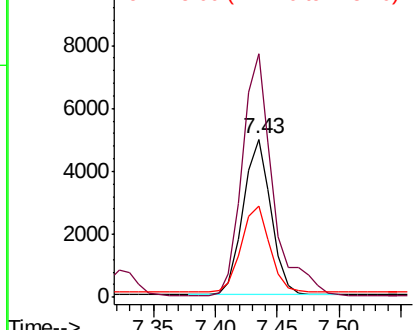
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 7757
Ion Ratio Lower Upper
152 100
150 153.8 121.7 182.5
115 58.0 46.2 69.4



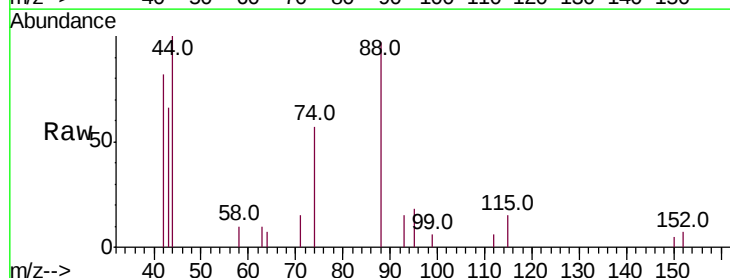
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



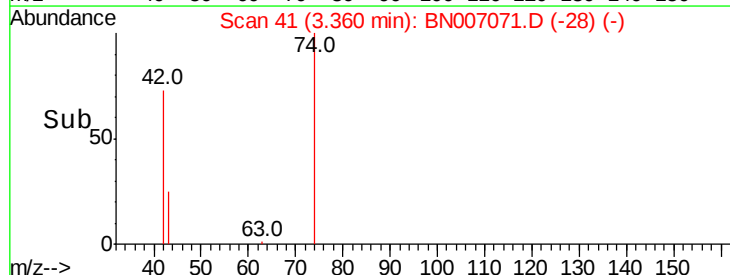
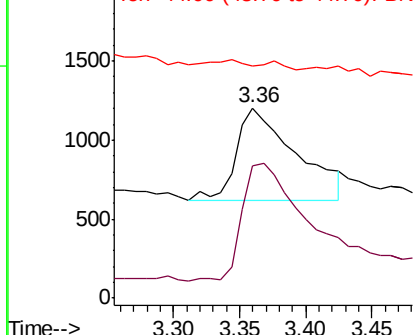
#2

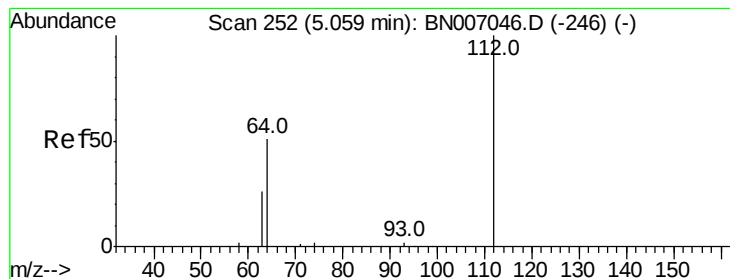
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.36 min Scan# 41
Delta R.T. 0.00 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

Tgt Ion: 42 Resp: 1828
Ion Ratio Lower Upper
42 100
74 132.8 110.6 166.0
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: 0.400 ng

RT: 5.06 min Scan# 252

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

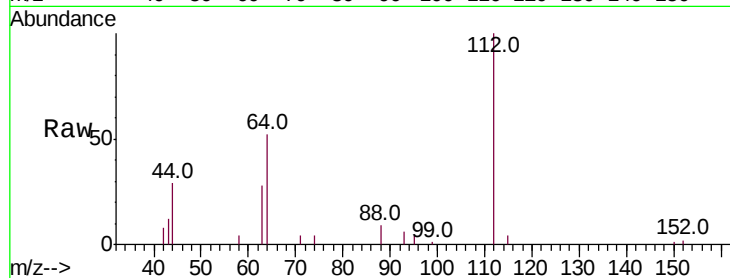
Tot Ion: 112 Resp: 7450

Ion Ratio Lower Upper

112 100

64 52.4 42.6 63.8

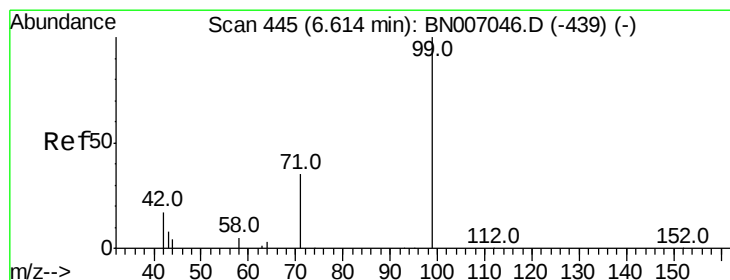
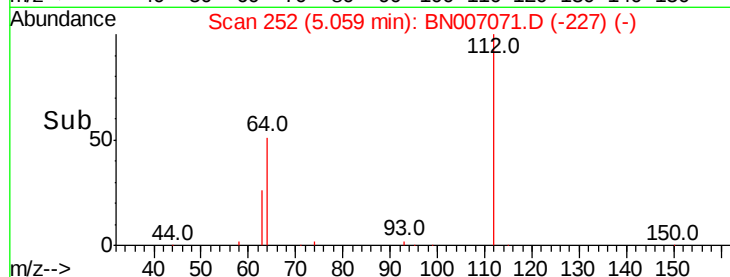
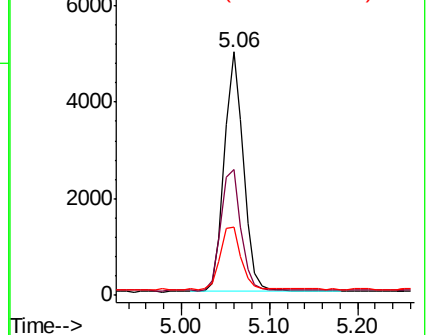
63 27.7 22.2 33.2



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: 0.404 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

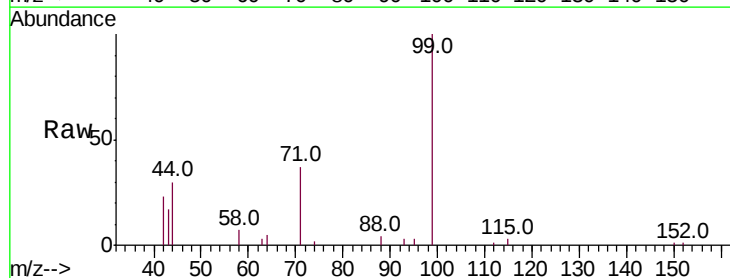
Tgt Ion: 99 Resp: 9338

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

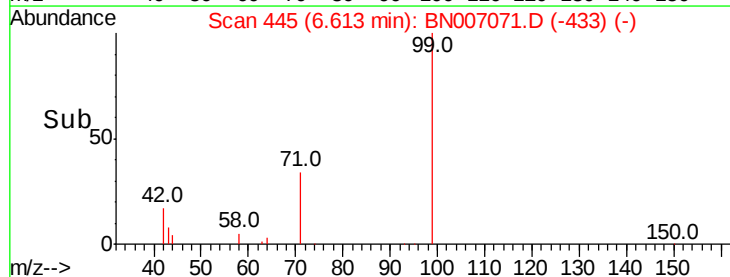
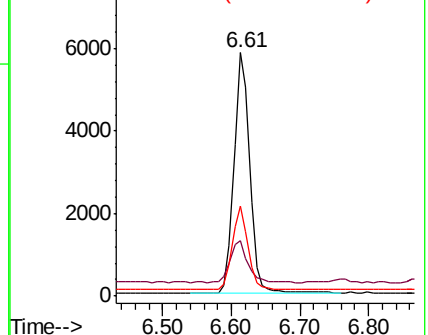
71 33.9 27.0 40.4

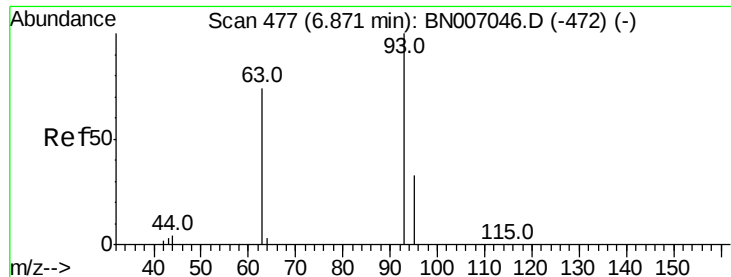


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#5

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

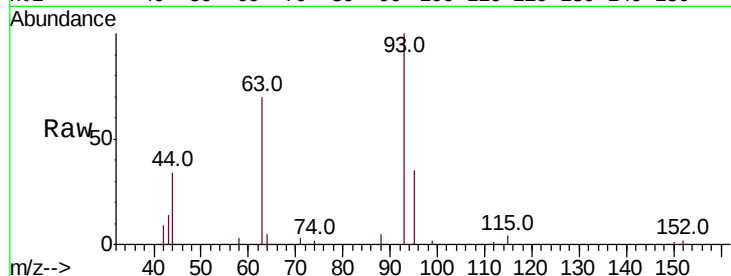
Tot Ion: 93 Resp: 7826

Ion Ratio Lower Upper

93 100

63 71.4 55.6 83.4

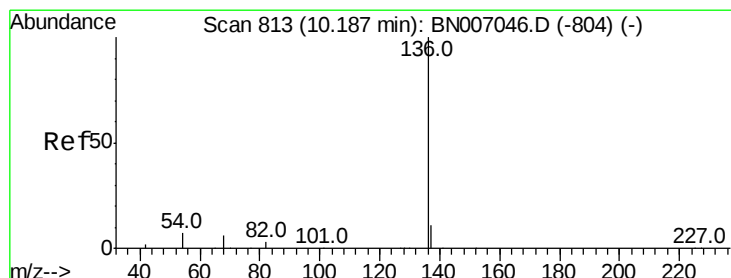
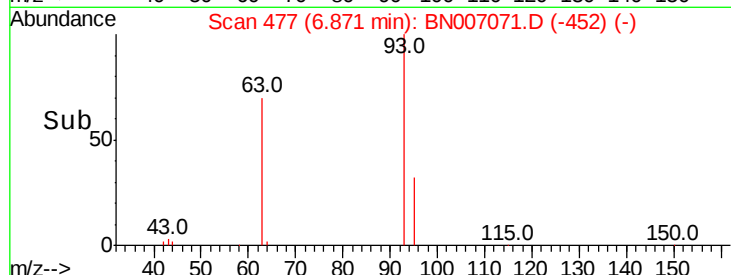
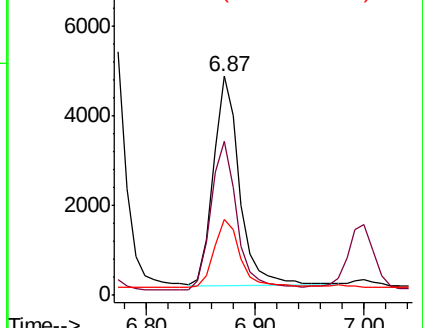
95 33.6 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN007046.D (-472) (-)

Ion 63.00 (62.70 to 63.70): BN007046.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BN007046.D (-472) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Tgt Ion: 136 Resp: 29101

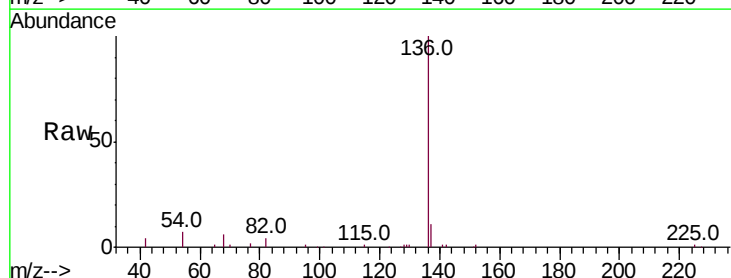
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.9 6.6 9.8

68 6.3 6.0 9.0

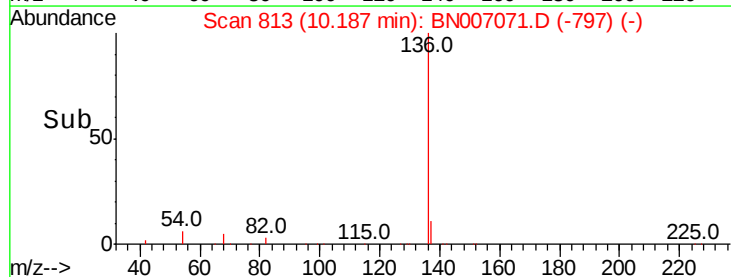
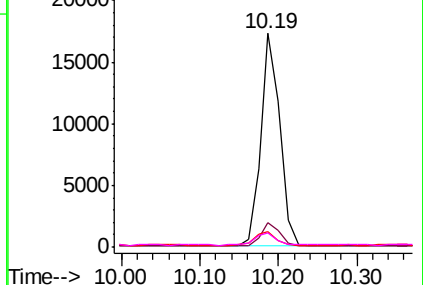


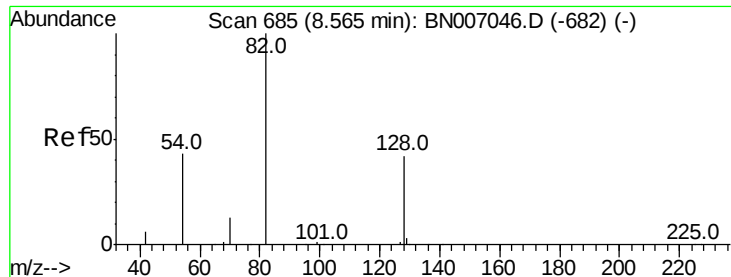
Abundance Ion 136.00 (135.70 to 136.70): BN007046.D (-804) (-)

Ion 137.00 (136.70 to 137.70): BN007046.D (-804) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-804) (-)

Ion 68.00 (67.70 to 68.70): BN007046.D (-804) (-)





#7

Nitrobenzene-d5

Concen: 0.377 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

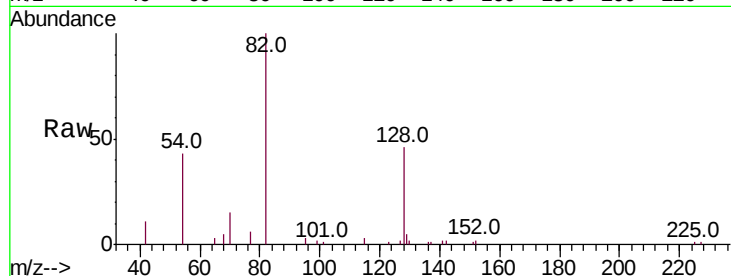
Tot Ion: 82 Resp: 8854

Ion Ratio Lower Upper

82 100

128 45.9 34.6 51.8

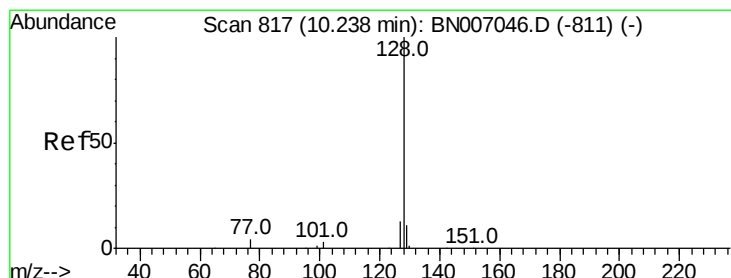
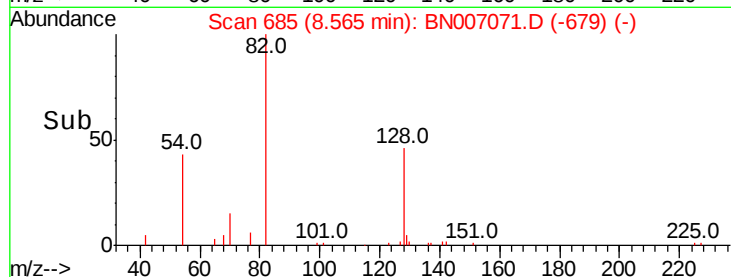
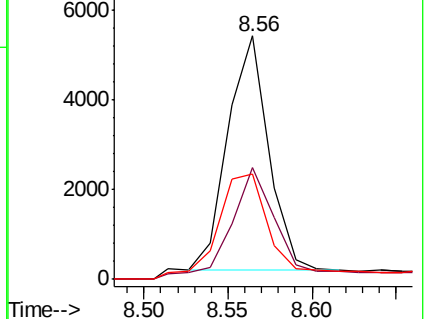
54 43.1 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007046.D (-682) (-)

Ion 128.00 (127.70 to 128.70): BN007046.D (-682) (-)

Ion 54.00 (53.70 to 54.70): BN007046.D (-682) (-)



#8

Naphthalene

Concen: 0.373 ng

RT: 10.24 min Scan# 817

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

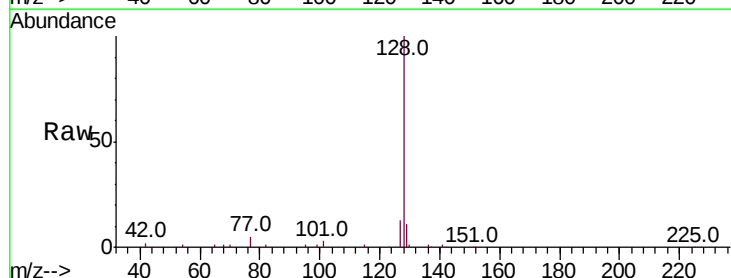
Tgt Ion: 128 Resp: 30431

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

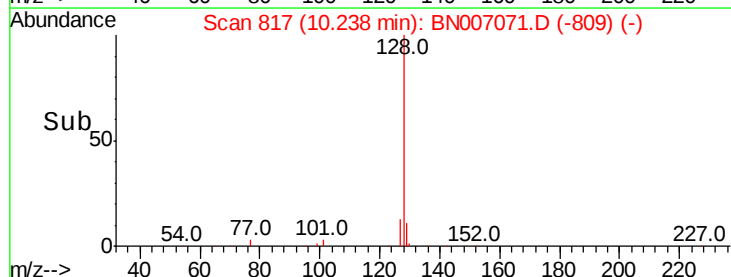
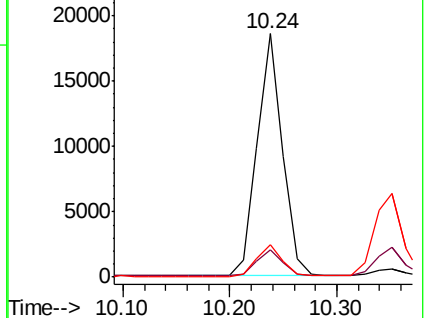
127 13.3 11.0 16.6

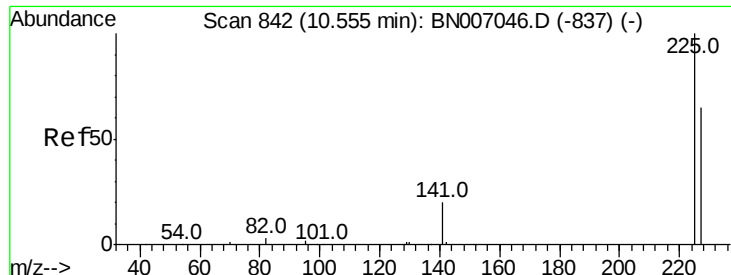


Abundance Ion 128.00 (127.70 to 128.70): BN007046.D (-811) (-)

Ion 129.00 (128.70 to 129.70): BN007046.D (-811) (-)

Ion 127.00 (126.70 to 127.70): BN007046.D (-811) (-)





#9

Hexachlorobutadiene

Concen: 0.376 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

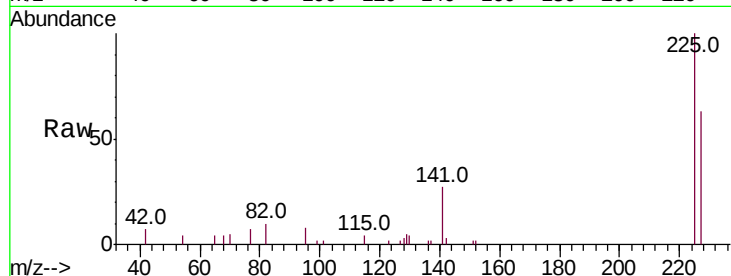
Tot Ion:225 Resp: 6534

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

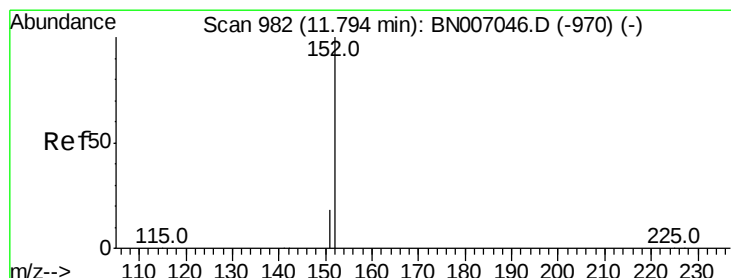
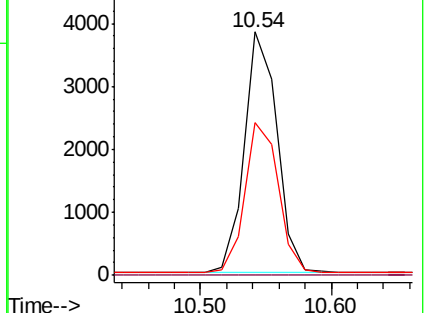
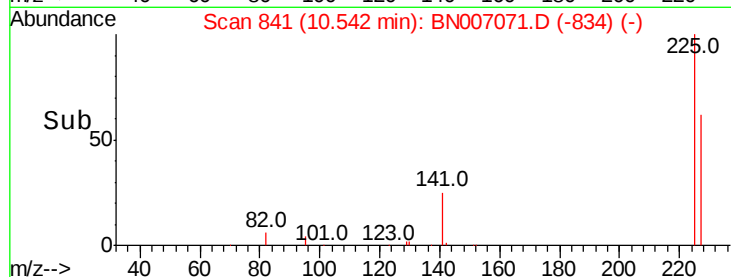
227 63.9 51.1 76.7



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: 0.371 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007071.D

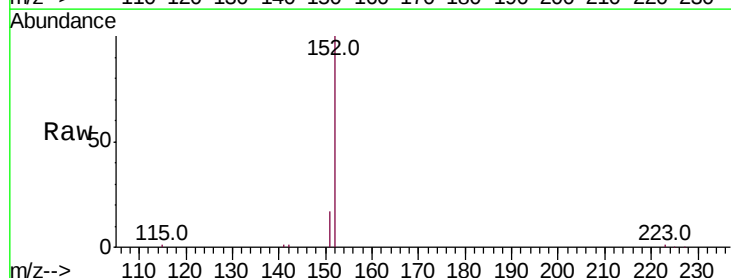
Acq: 11 Aug 2019 04:59

Tgt Ion:152 Resp: 20135

Ion Ratio Lower Upper

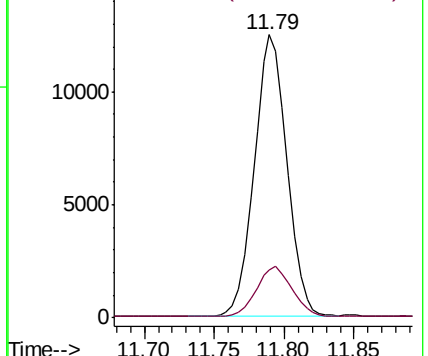
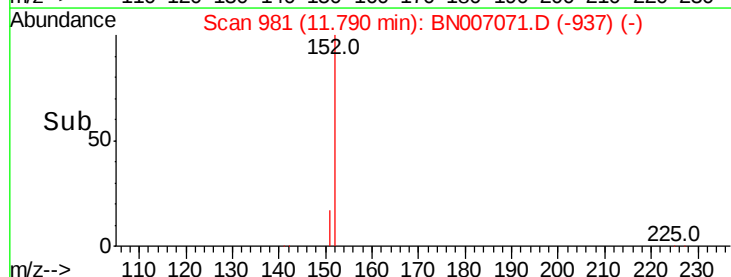
152 100

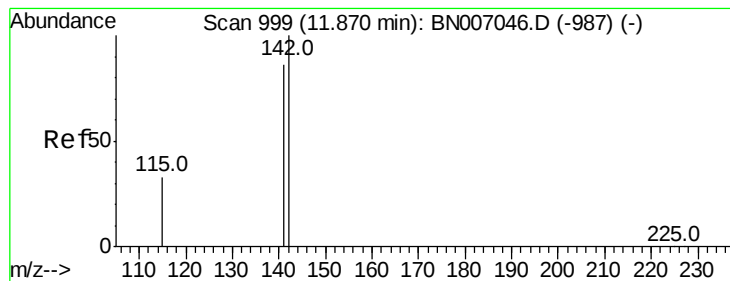
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#11

2-Methylnaphthalene

Concen: 0.372 ng

RT: 11.87 min Scan# 998

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

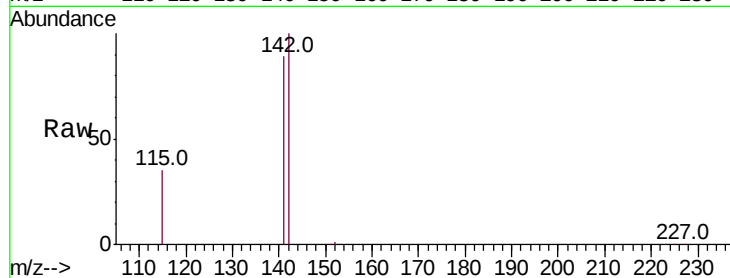
Tot Ion:142 Resp: 21489

Ion Ratio Lower Upper

142 100

141 88.6 69.0 103.6

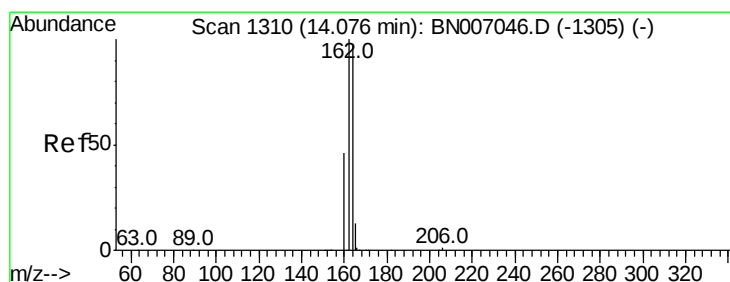
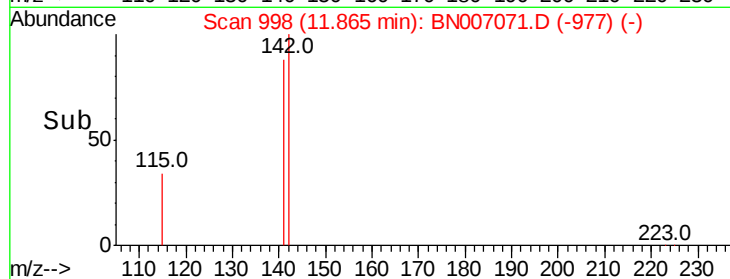
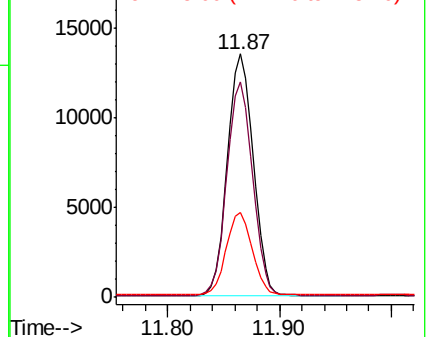
115 34.7 27.1 40.7



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: BN007071.D

Acq: 11 Aug 2019 04:59

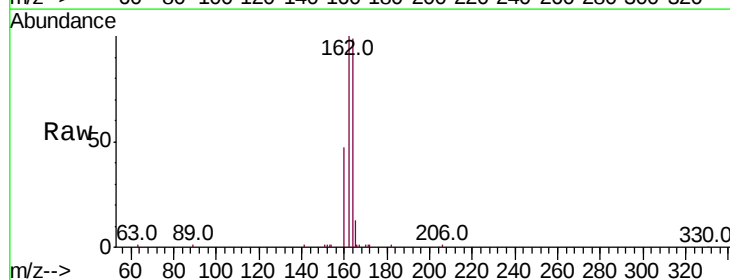
Tgt Ion:164 Resp: 16571

Ion Ratio Lower Upper

164 100

162 100.8 82.2 123.4

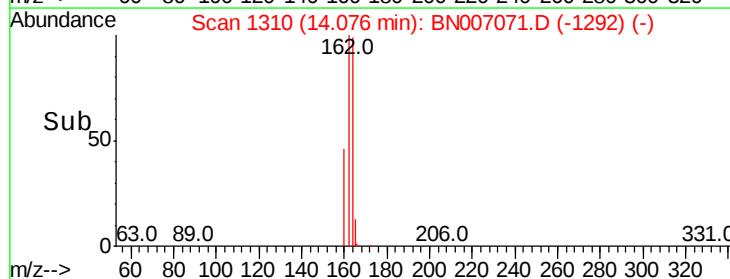
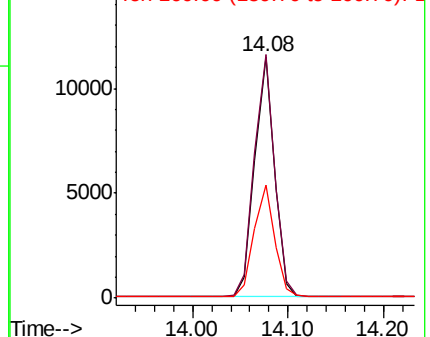
160 46.9 38.3 57.5

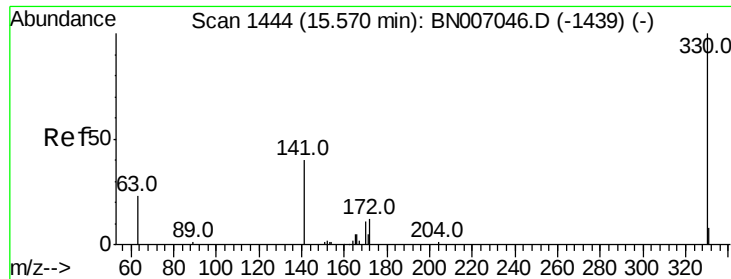


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

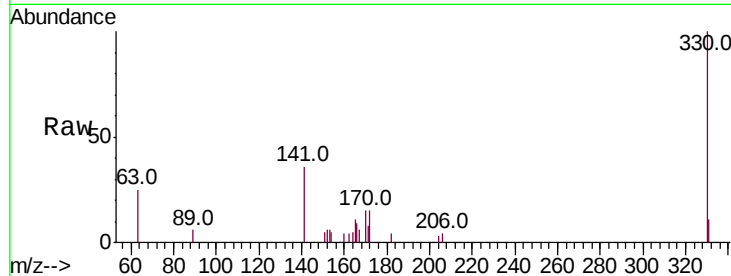




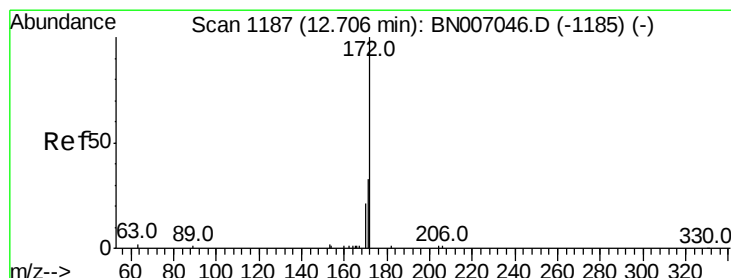
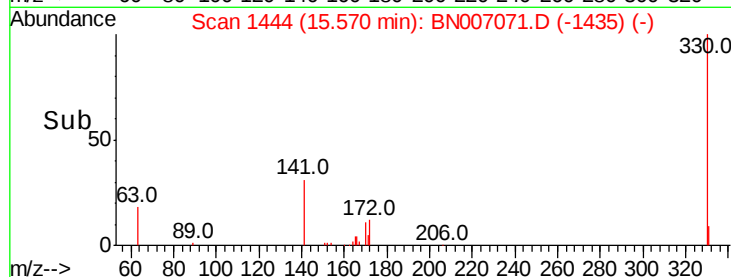
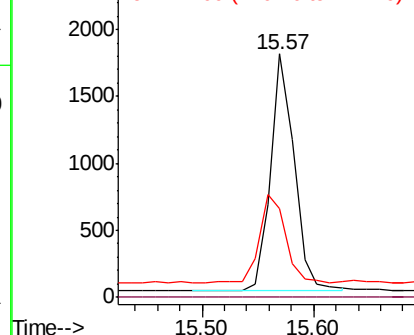
#13
 2,4,6-Tribromophenol
 Concen: 0.295 ng
 RT: 15.57 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 2633
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.5 33.6 50.4

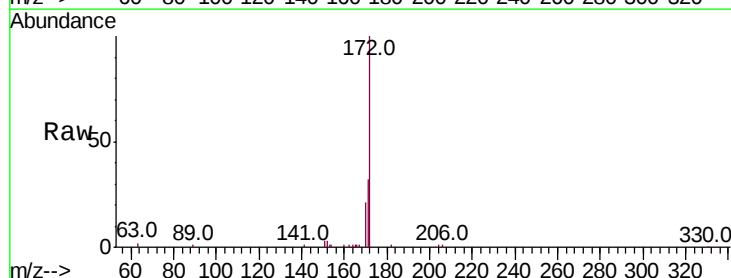


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

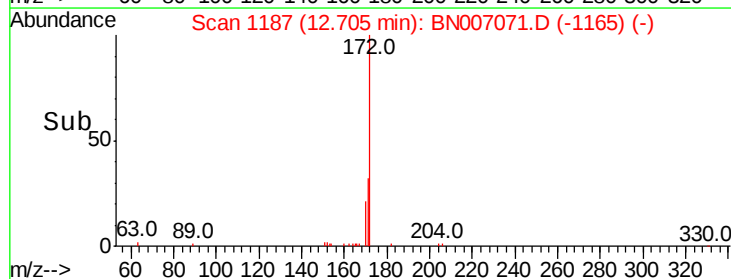
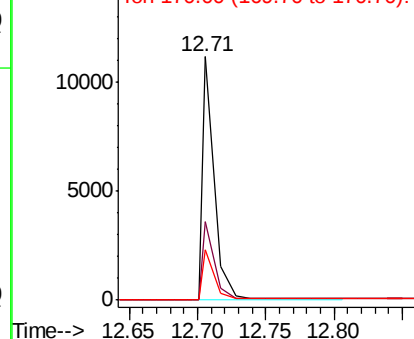


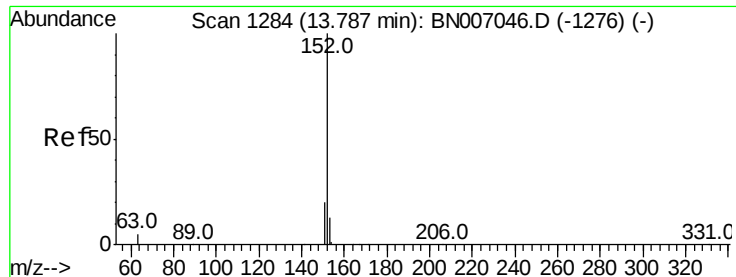
#14
 2-Fluorobiphenyl
 Concen: 0.330 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Tgt Ion:172 Resp: 7957
 Ion Ratio Lower Upper
 172 100
 171 32.4 26.3 39.5
 170 20.5 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: 0.383 ng

RT: 13.79 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

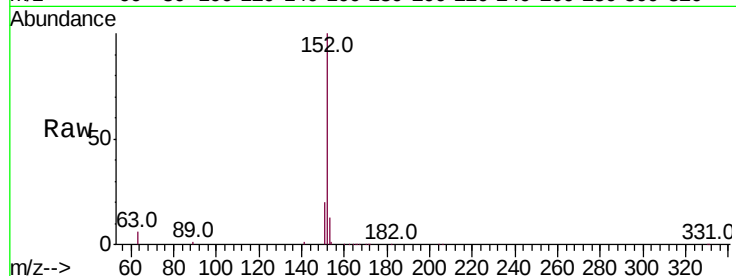
Tot Ion:152 Resp: 33175

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

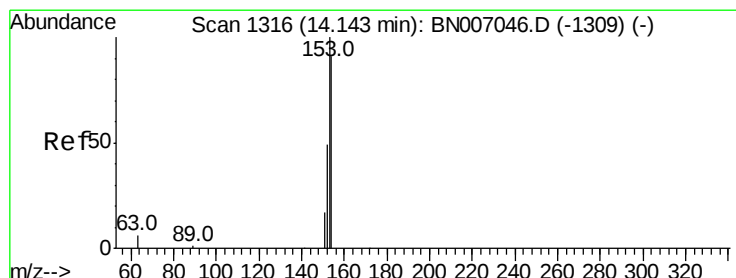
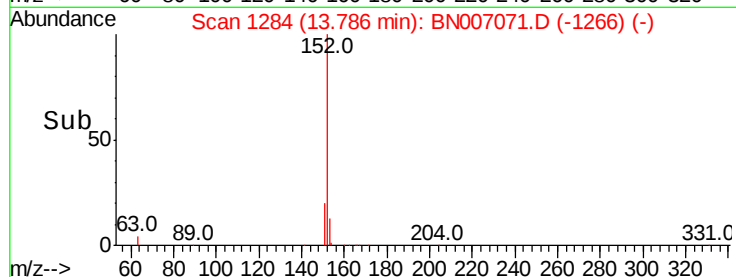
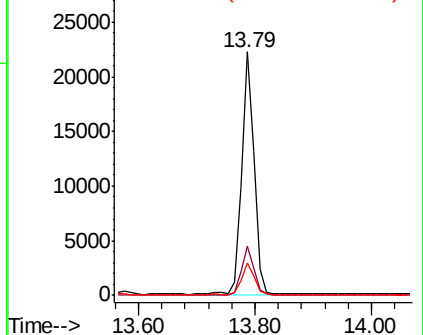
153 12.8 10.4 15.6



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: 0.382 ng

RT: 14.13 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

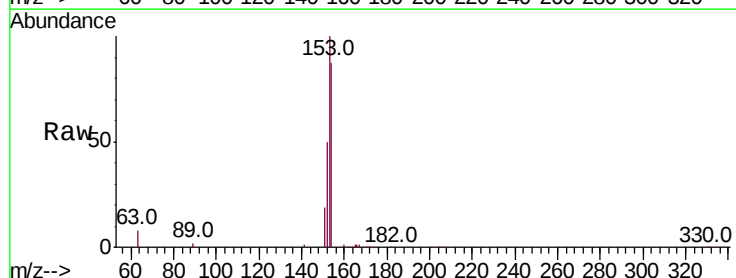
Tgt Ion:154 Resp: 21167

Ion Ratio Lower Upper

154 100

153 110.2 89.5 134.3

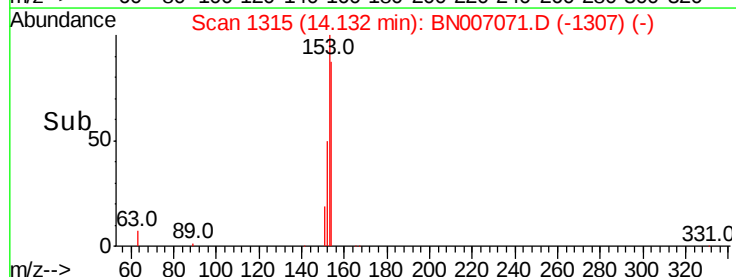
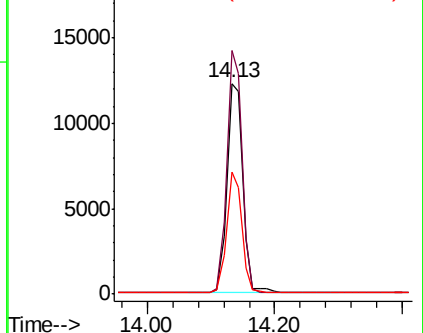
152 54.2 44.8 67.2

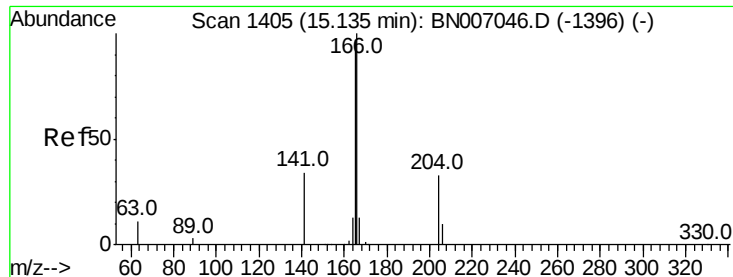


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



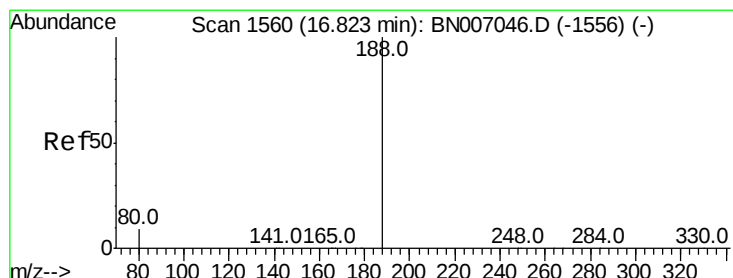
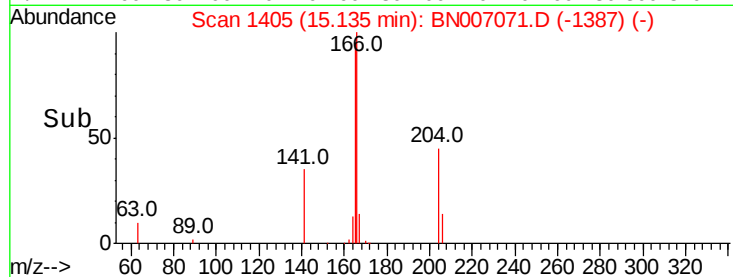
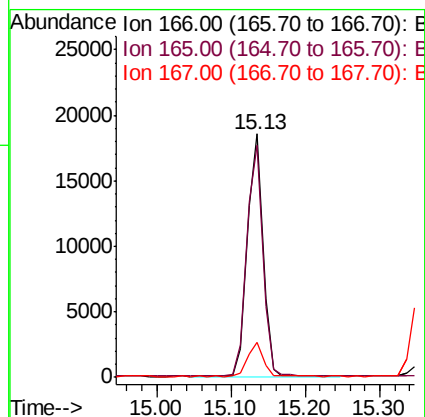
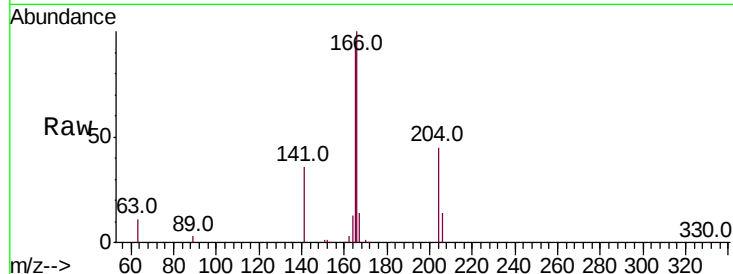


#17
Fluorene
 Concen: 0.326 ng
 RT: 15.13 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:166 Resp: 27079

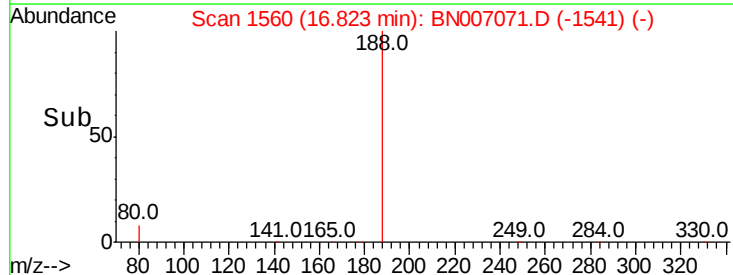
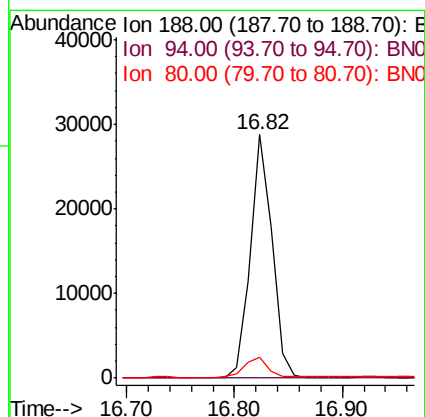
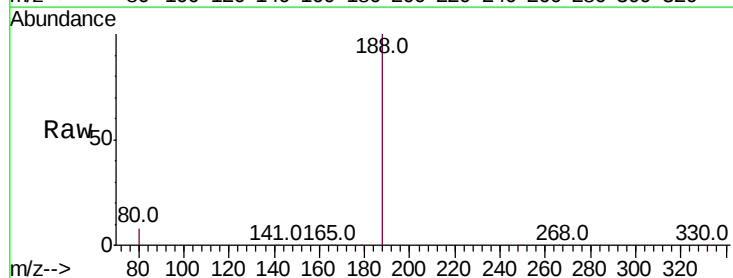
Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.8	10.9	16.3

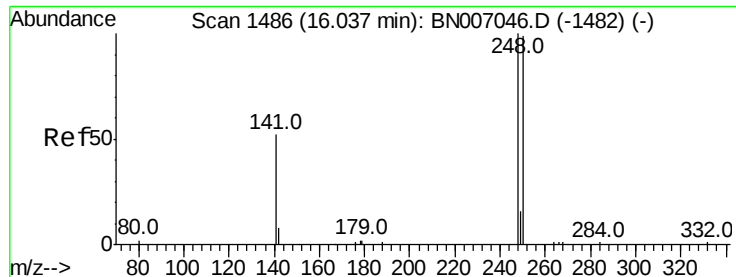


#18
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Tgt Ion:188 Resp: 39868

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.8	11.6





#19

4-Bromophenyl-phenylether

Concen: 0.398 ng

RT: 16.04 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

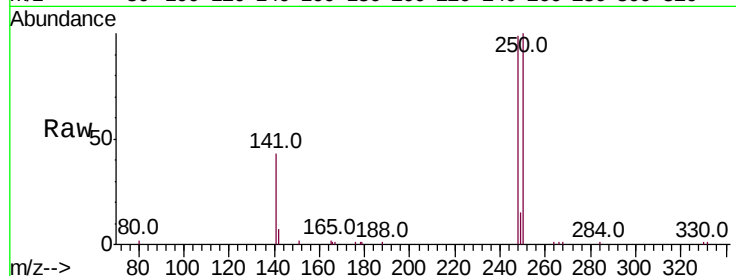
Instrument :

BNA_N

ClientSampleId :

Tot Ion:248 Resp: 9822

Ion	Ratio	Lower	Upper
248	100		
250	101.0	78.9	118.3
141	43.4	43.3	64.9

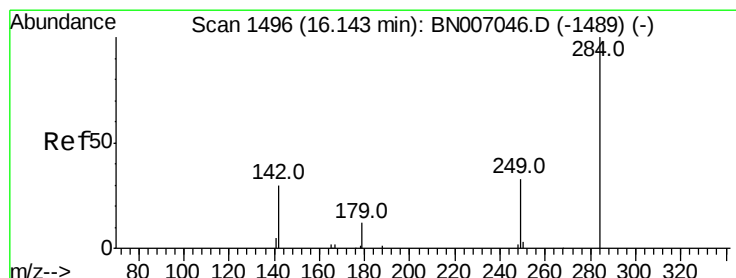
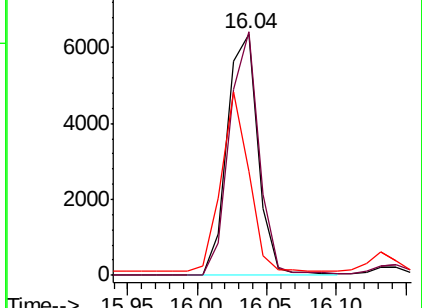
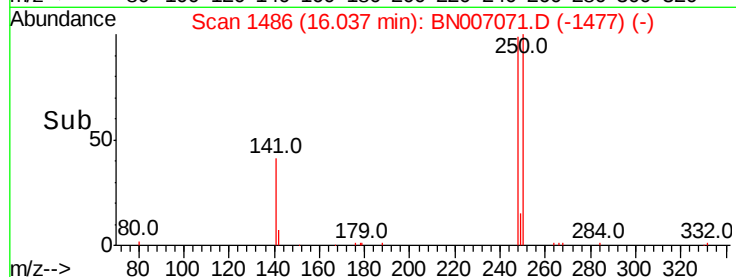


Abundance

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: 0.401 ng

RT: 16.14 min Scan# 1496

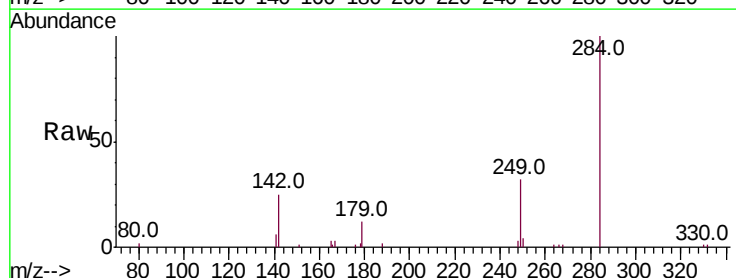
Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Tgt Ion:284 Resp: 9513

Ion	Ratio	Lower	Upper
284	100		
142	38.5	30.5	45.7
249	33.4	26.7	40.1

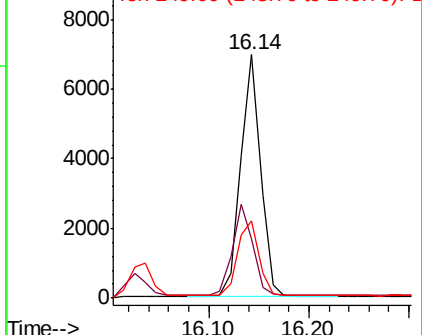
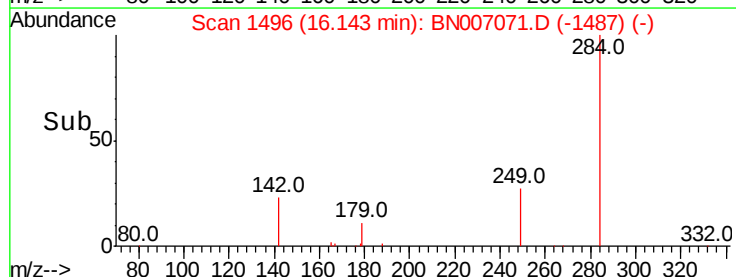


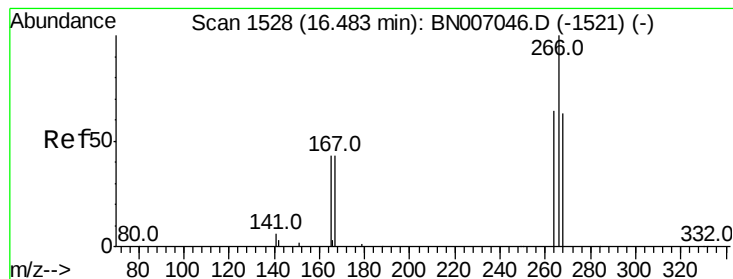
Abundance

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: 0.349 ng

RT: 16.48 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

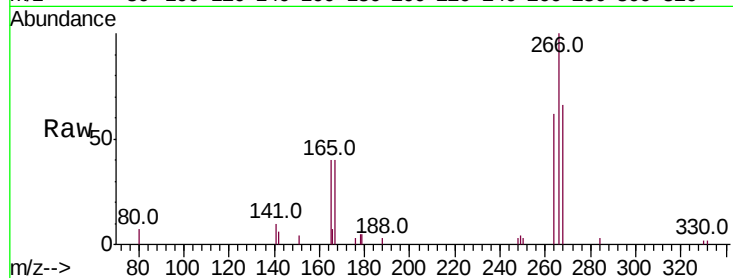
Tot Ion:266 Resp: 3086

Ion Ratio Lower Upper

266 100

264 62.3 52.3 78.5

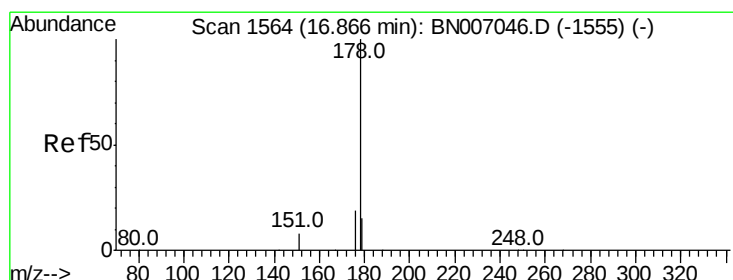
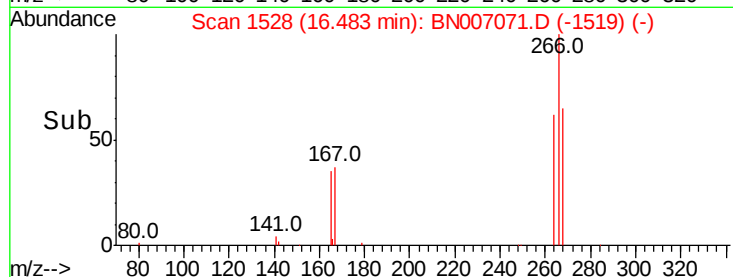
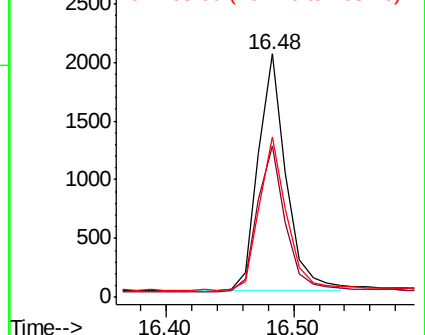
268 65.8 51.5 77.3



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: 0.383 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

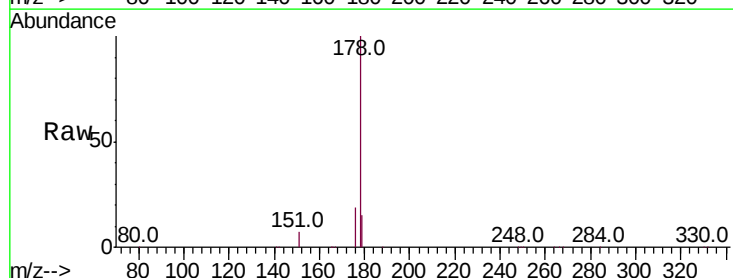
Tgt Ion:178 Resp: 45737

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

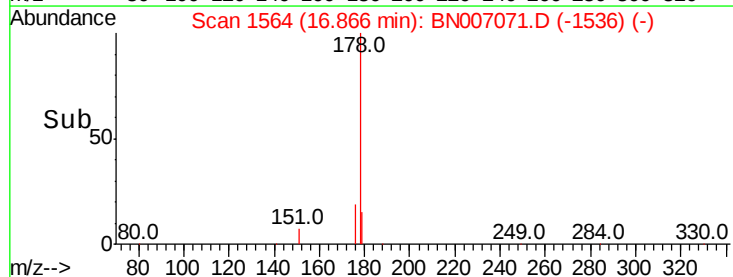
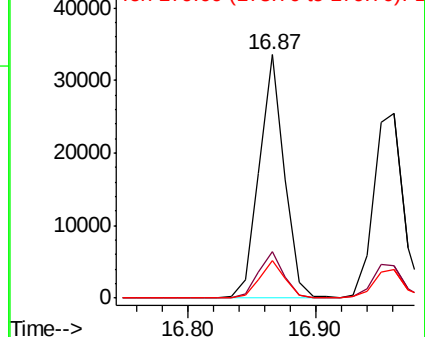
179 15.4 12.3 18.5

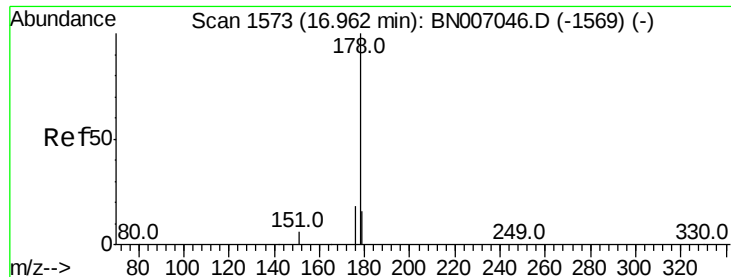


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.374 ng

RT: 16.96 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

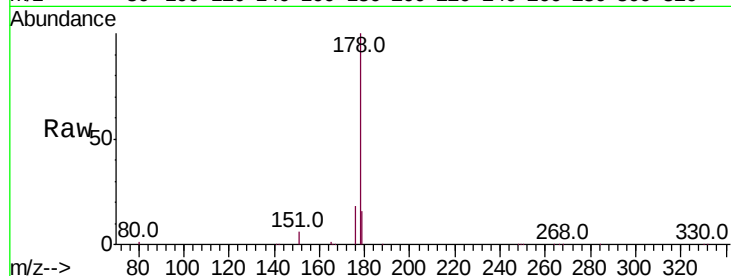
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 40787

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.2	12.5	18.7

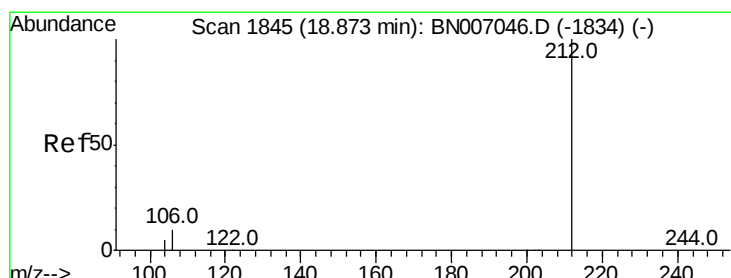
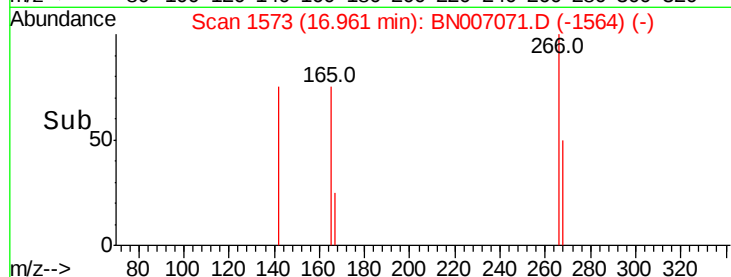
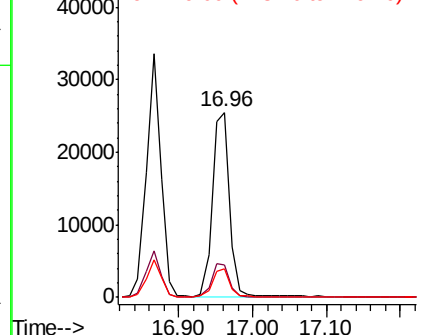


Abundance

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

Fluoranthene-d10

Concen: 0.352 ng

RT: 18.87 min Scan# 1844

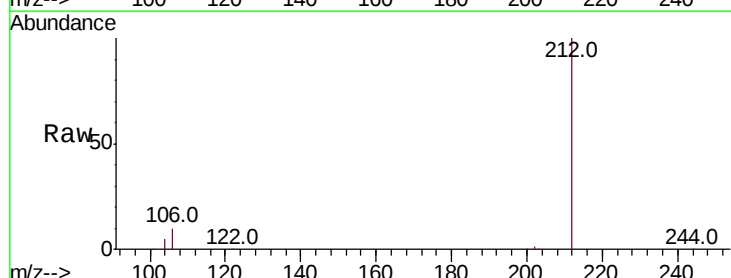
Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Tgt Ion:212 Resp: 49824

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.2	12.2
104	5.5	4.5	6.7

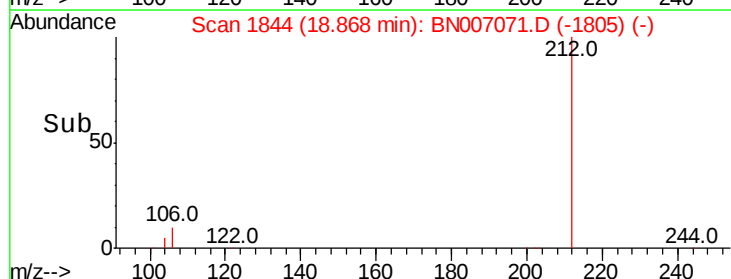
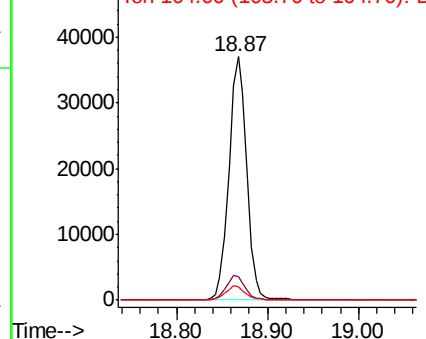


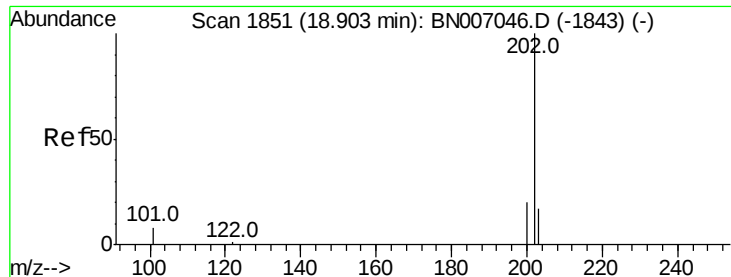
Abundance

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

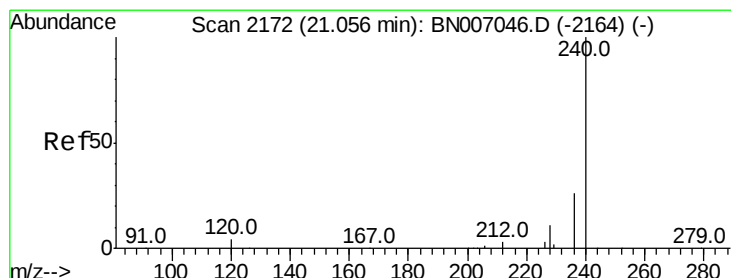
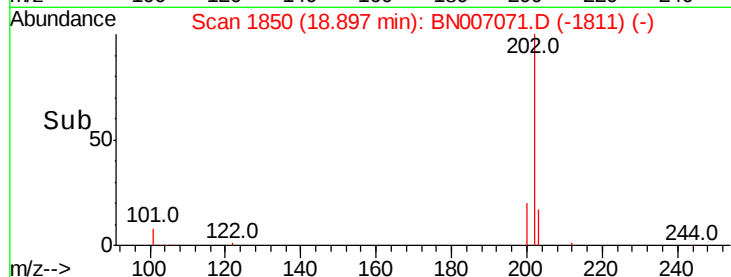
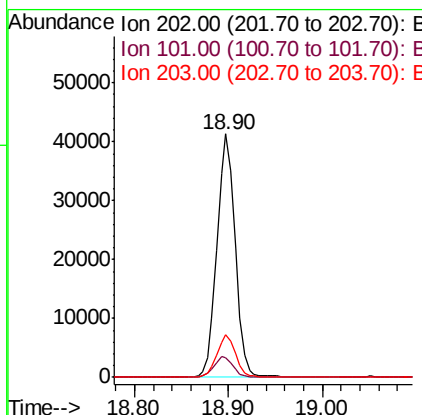
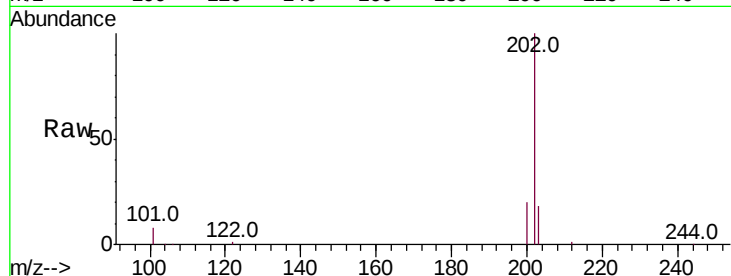




#25
 Fluoranthene
 Concen: 0.359 ng
 RT: 18.90 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

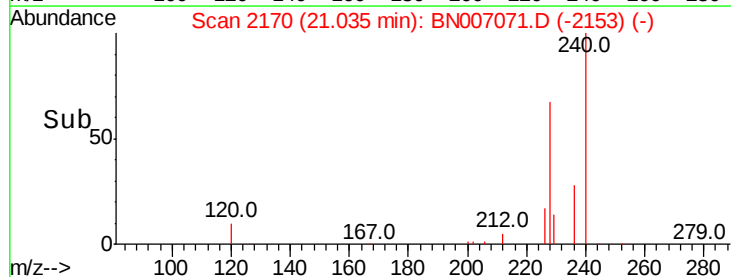
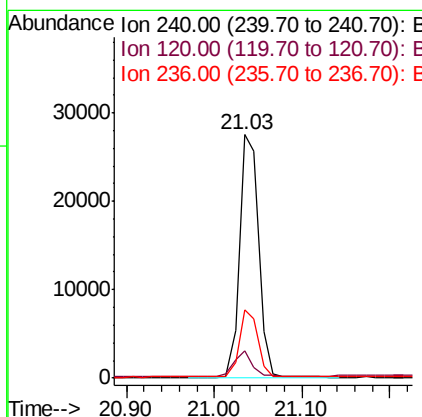
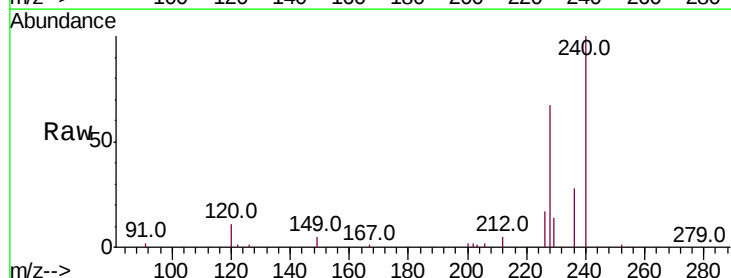
Instrument :
 BNA_N
 ClientSampleId :

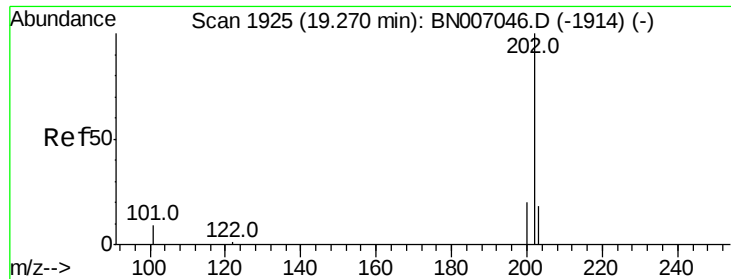
Tot Ion:202 Resp: 54811
 Ion Ratio Lower Upper
 202 100
 101 8.9 7.0 10.4
 203 17.4 13.8 20.8



#26
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.03 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BN007071.D
 Acq: 11 Aug 2019 04:59

Tgt Ion:240 Resp: 41301
 Ion Ratio Lower Upper
 240 100
 120 11.1 4.0 6.0#
 236 28.1 21.3 31.9

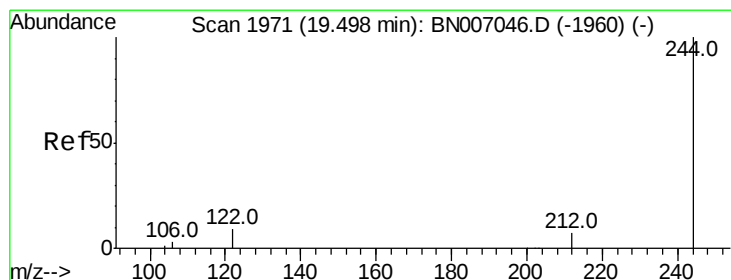
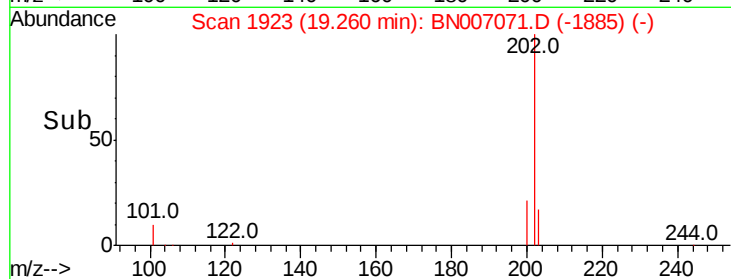
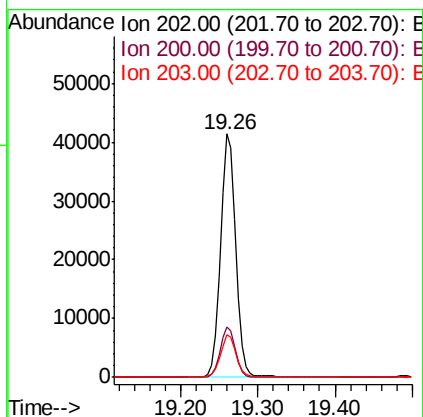
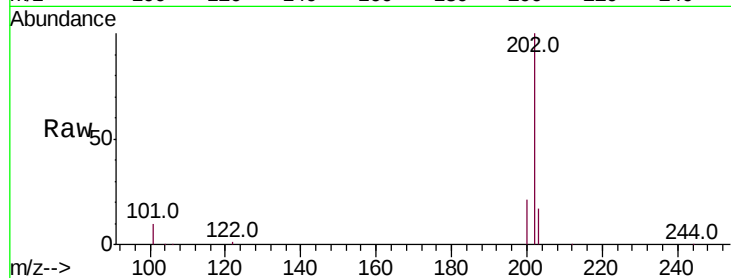




#27
Pvrene
Concen: 0.385 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

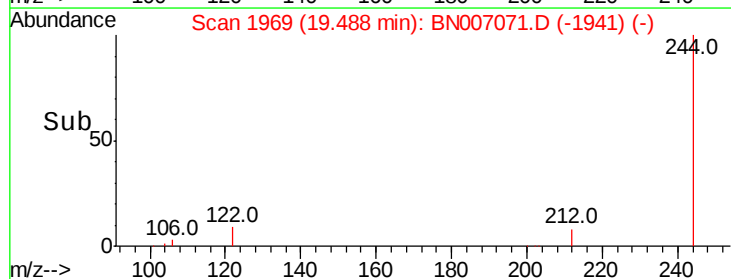
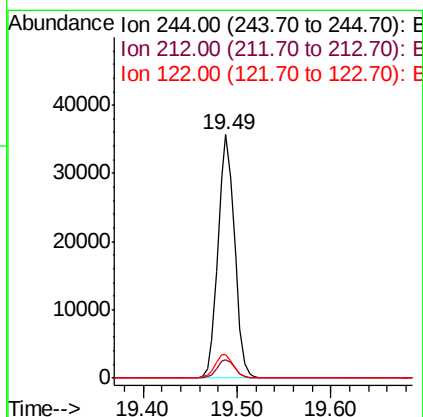
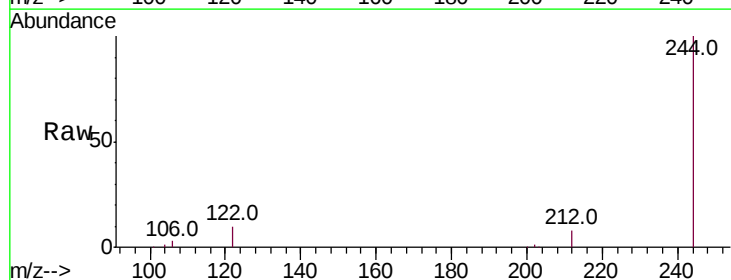
Instrument :
BNA_N
ClientSampleId :

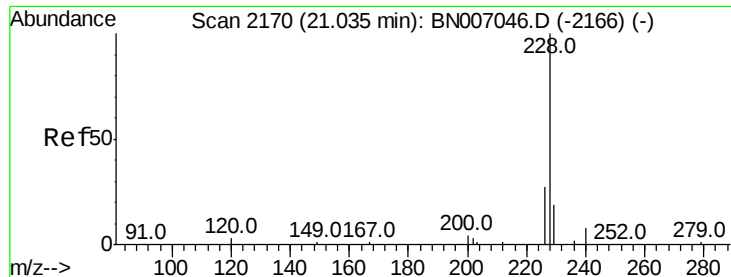
Tot Ion:202 Resp: 55823
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.4 14.0 21.0



#28
Terphenyl-d14
Concen: 0.384 ng
RT: 19.49 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

Tgt Ion:244 Resp: 43253
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 9.6 7.4 11.2





#29

Benzo(a)anthracene

Concen: 0.380 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

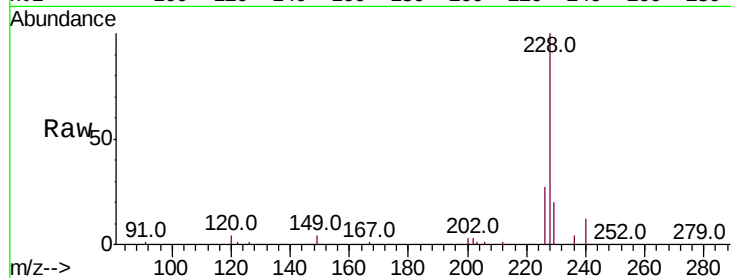
Tot Ion:228 Resp: 57435

Ion Ratio Lower Upper

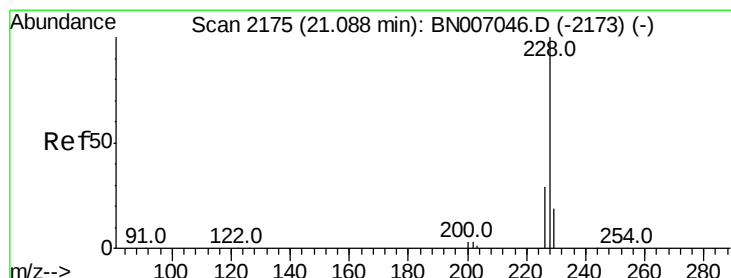
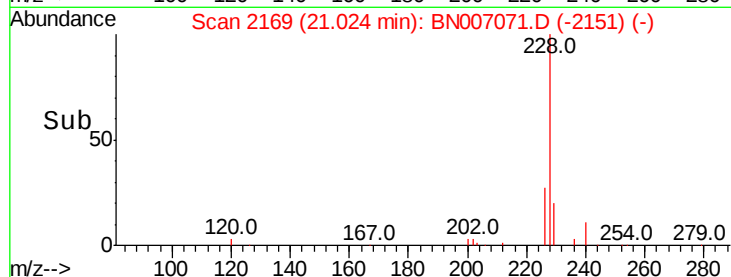
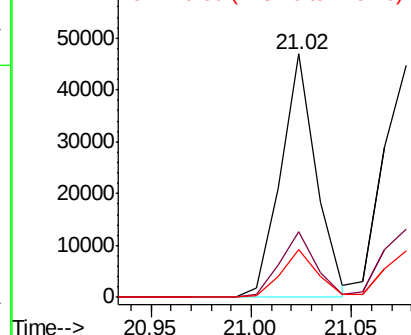
228 100

226 27.1 21.8 32.6

229 19.9 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: 0.397 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

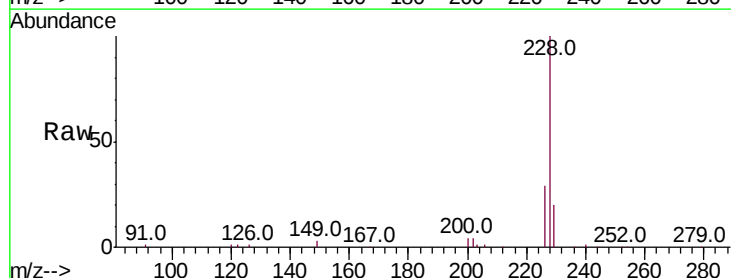
Tgt Ion:228 Resp: 58275

Ion Ratio Lower Upper

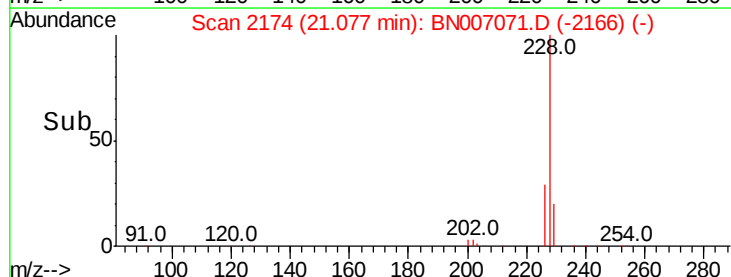
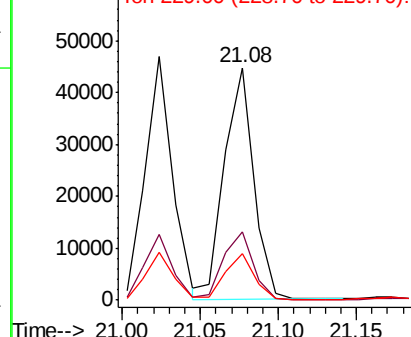
228 100

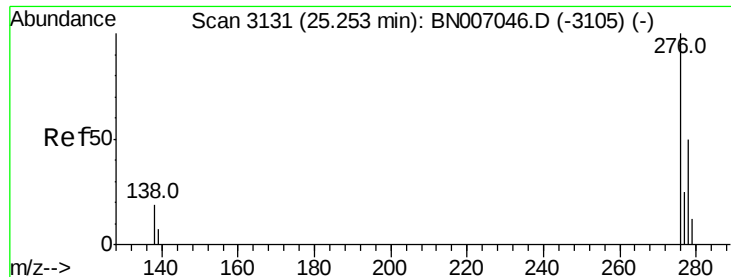
226 29.2 23.8 35.6

229 19.9 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

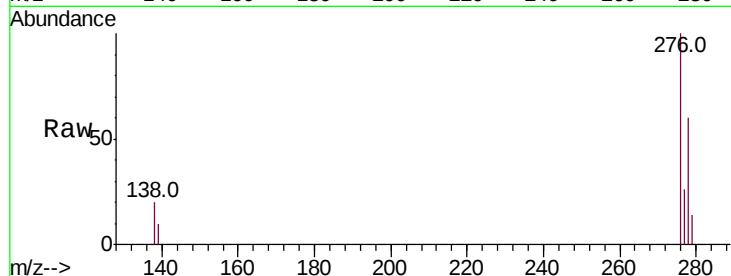




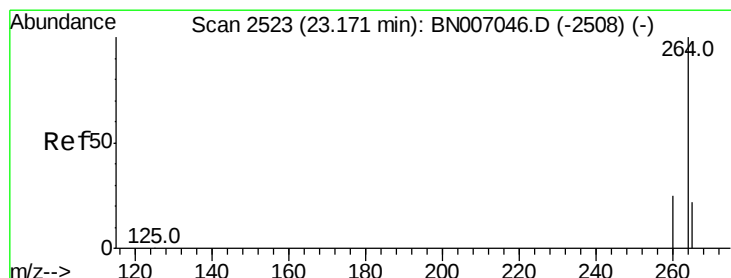
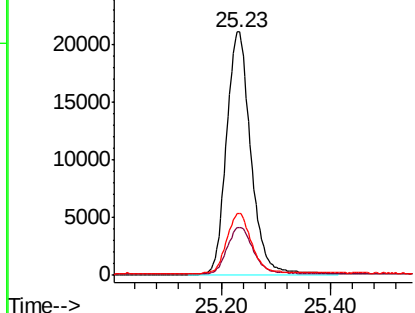
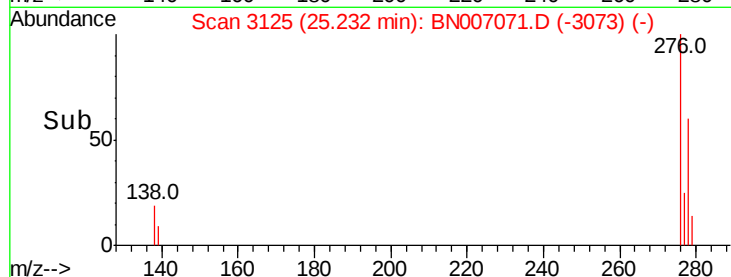
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 25.23 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.0	24.0
277	25.1	19.9	29.9

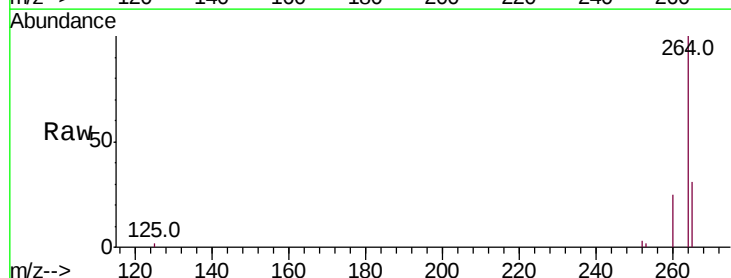


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

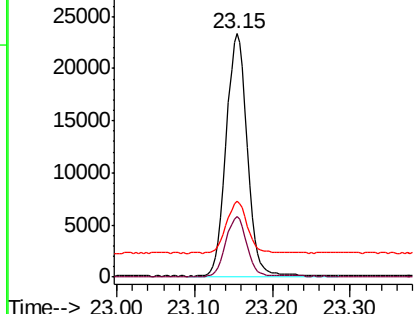
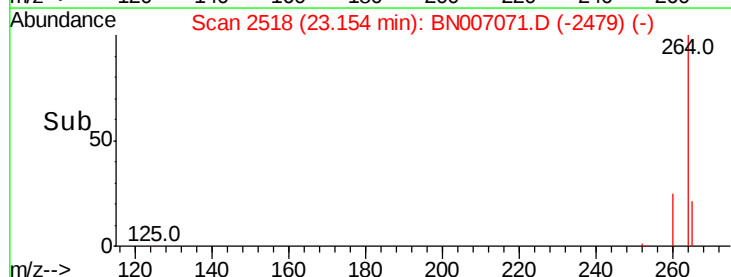


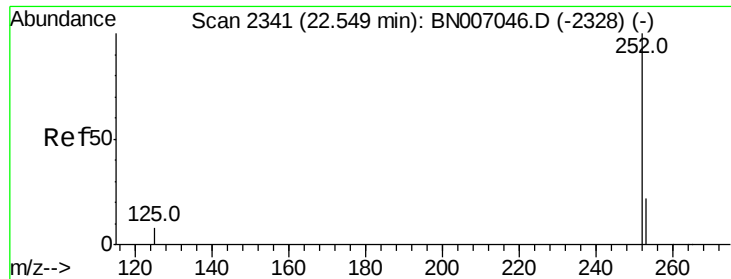
#32
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BN007071.D
Acq: 11 Aug 2019 04:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	31.0	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: 0.388 ng

RT: 22.53 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

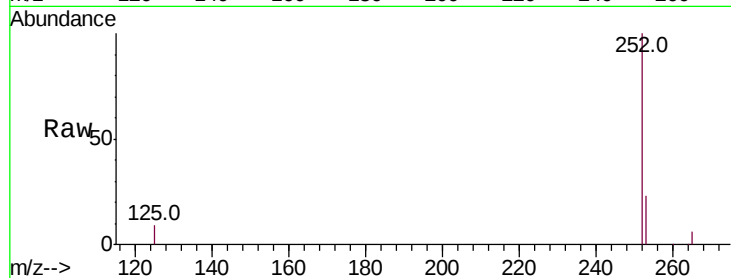
Tot Ion:252 Resp: 58020

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

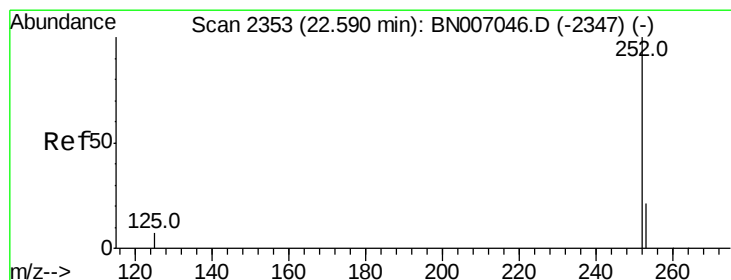
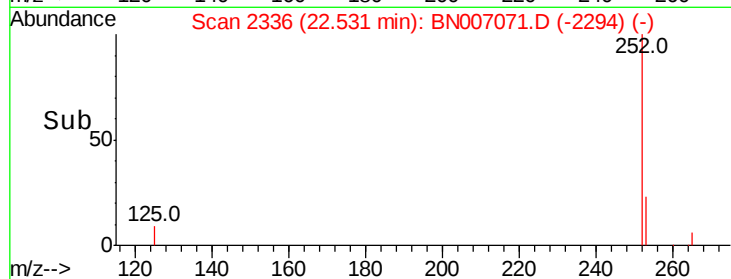
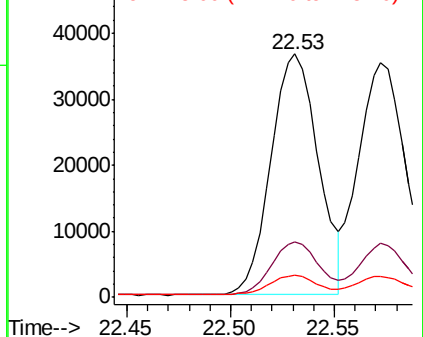
125 8.9 7.4 11.0



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



#34

Benzo(k)fluoranthene

Concen: 0.384 ng

RT: 22.57 min Scan# 2348

Delta R.T. -0.02 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

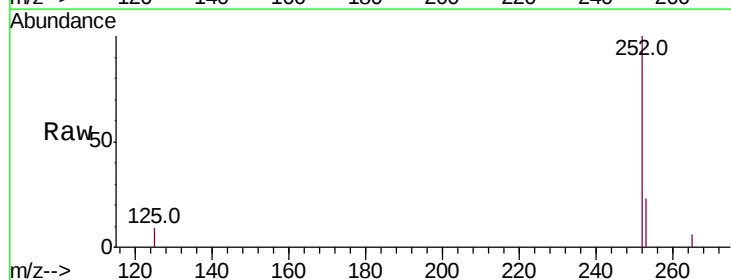
Tgt Ion:252 Resp: 56724

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

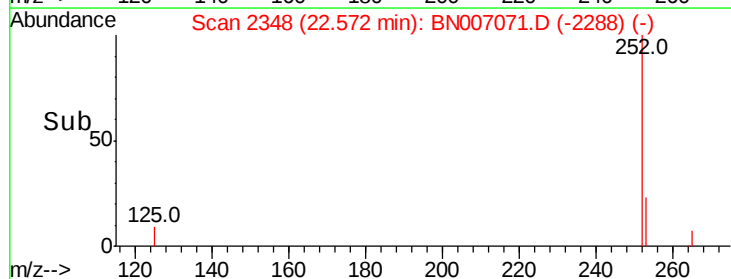
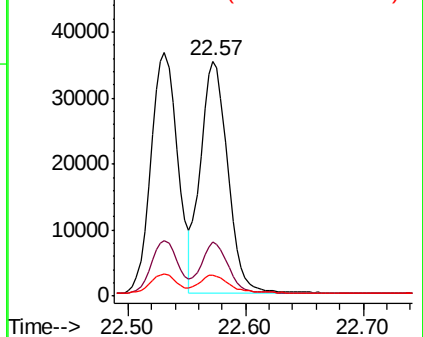
125 9.0 7.4 11.0

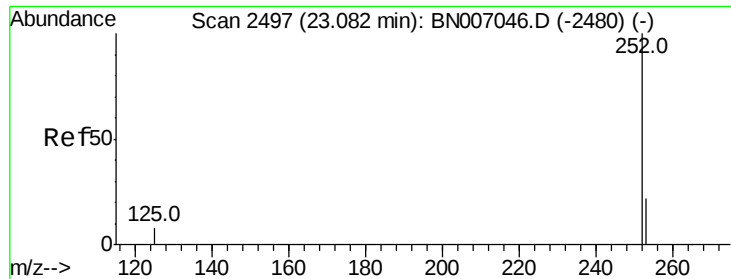


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :

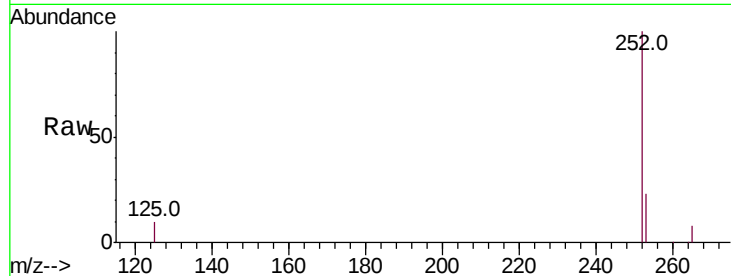
Tot Ion:252 Resp: 52228

Ion Ratio Lower Upper

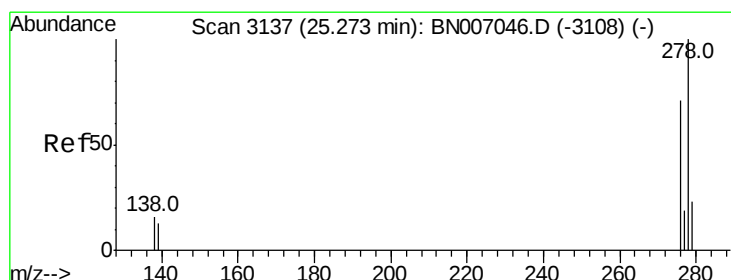
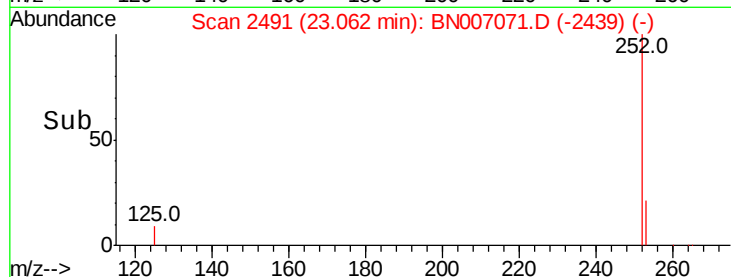
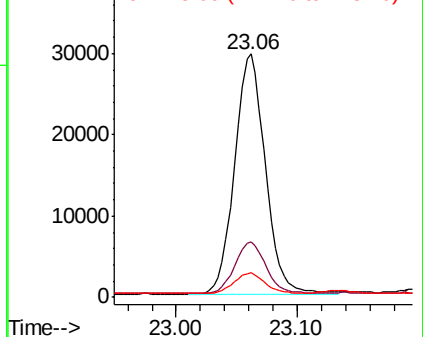
252 100

253 22.6 18.5 27.7

125 10.0 8.2 12.4



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

Dibenzo(a,h)anthracene

Concen: 0.394 ng

RT: 25.25 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

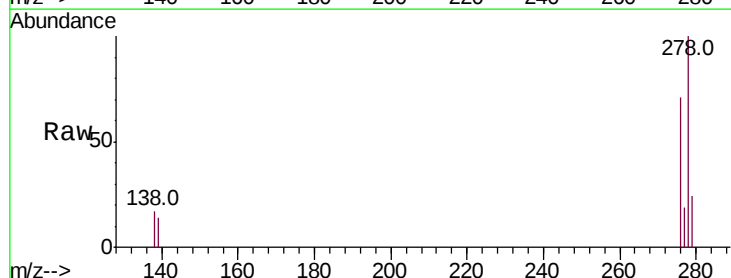
Tgt Ion:278 Resp: 53325

Ion Ratio Lower Upper

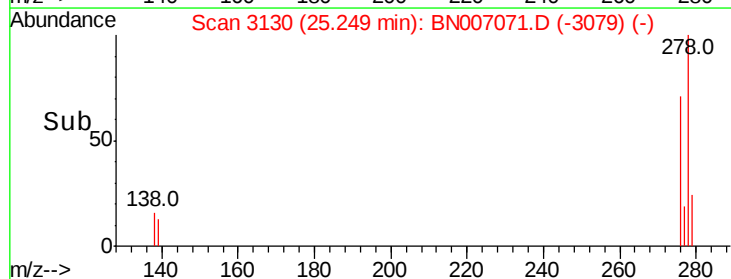
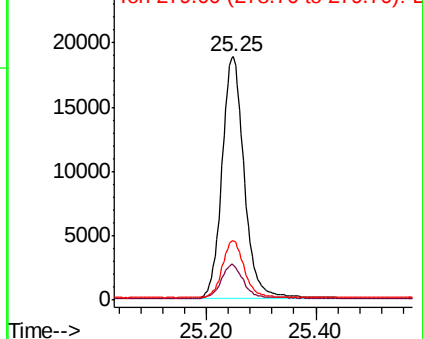
278 100

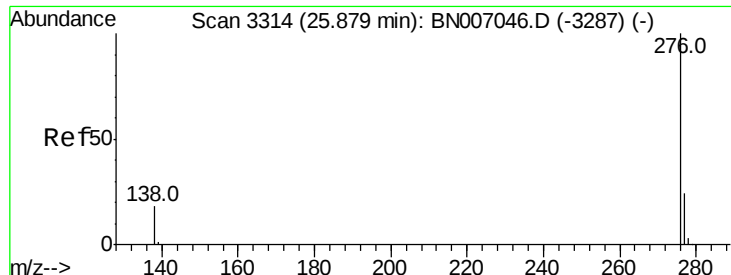
139 14.2 11.3 16.9

279 24.4 19.3 28.9



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





#37

Benzo(a,h,i)perylene

Concen: 0.388 ng

RT: 25.85 min Scan# 3307

Delta R.T. -0.02 min

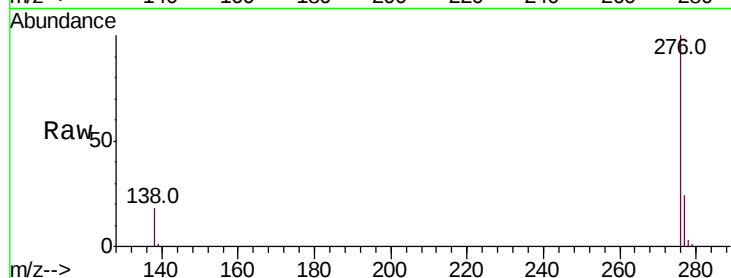
Lab File: BN007071.D

Acq: 11 Aug 2019 04:59

Instrument :

BNA_N

ClientSampleId :



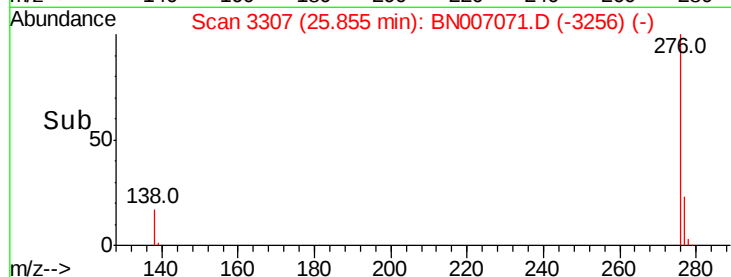
Tot Ion:276 Resp: 54053

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 18.0 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

