

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
 Data File : BN010471.D
 Acq On : 13 Apr 2020 17:24
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN041320

Quant Time: Apr 13 18:06:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4069	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	16296	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	10272	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	22214	0.40	ng	0.00
27) Chrysene-d12	21.18	240	22648	0.40	ng	0.00
34) Perylene-d12	23.36	264	19299	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3809	0.43	ng	0.00
5) Phenol-d6	6.80	99	4984	0.43	ng	0.00
8) Nitrobenzene-d5	8.74	82	4973	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.96	152	10923	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1832	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	17011	0.46	ng	0.00
25) Fluoranthene-d10	19.01	212	27319	0.41	ng	0.00
29) Terphenyl-d14	19.62	244	24821	0.48	ng	0.00

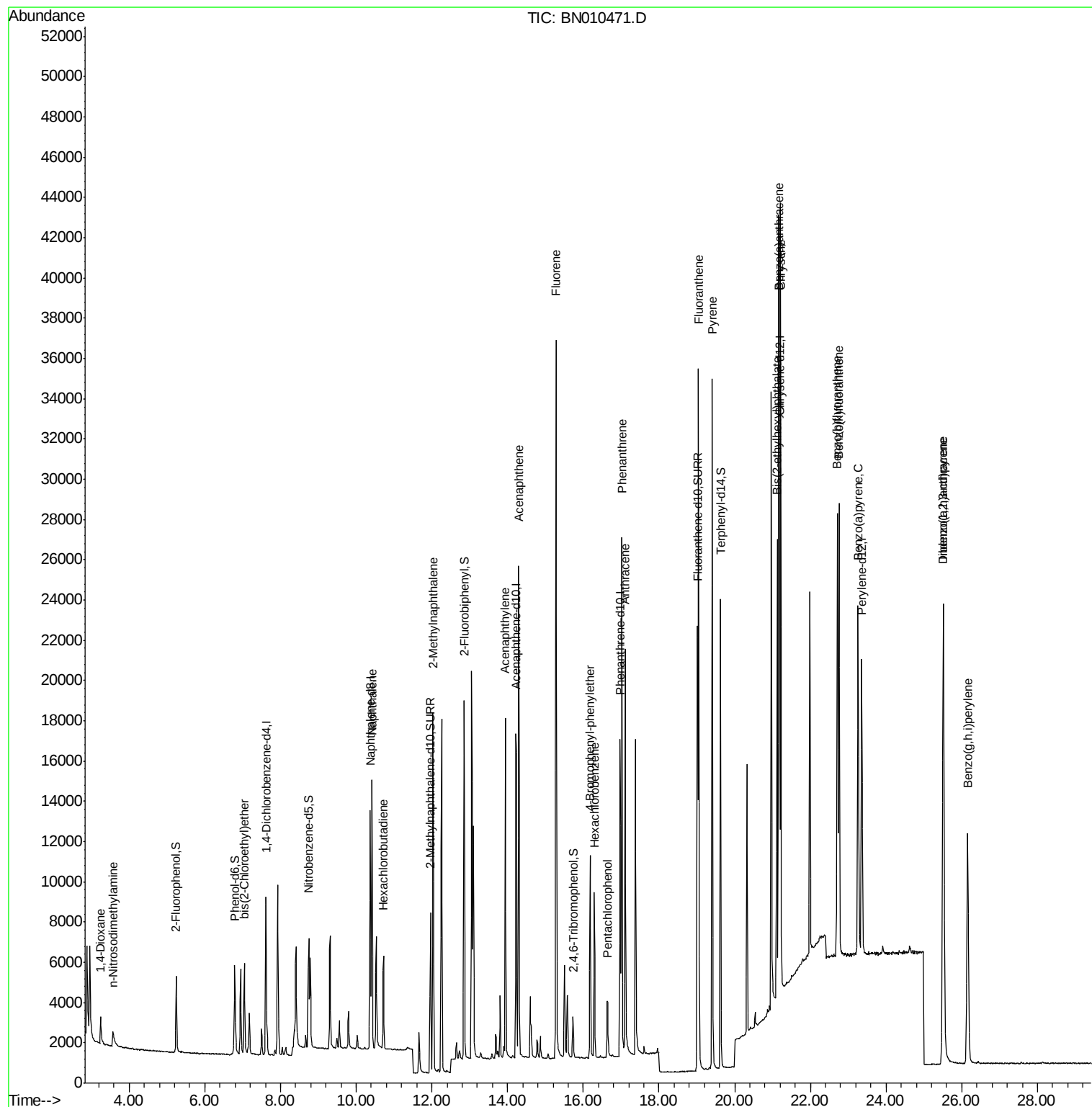
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1333	0.445	ng	98
3) n-Nitrosodimethylamine	3.57	42	759	0.391	ng	# 97
6) bis(2-Chloroethyl)ether	7.05	93	4446	0.441	ng	98
9) Naphthalene	10.42	128	17767	0.439	ng	99
10) Hexachlorobutadiene	10.72	225	4096	0.420	ng	# 99
12) 2-Methylnaphthalene	12.03	142	12795	0.440	ng	100
16) Acenaphthylene	13.95	152	19149	0.432	ng	100
17) Acenaphthene	14.29	154	12043	0.422	ng	99
18) Fluorene	15.28	166	15939	0.427	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	5185	0.420	ng	# 84
21) Hexachlorobenzene	16.29	284	6249	0.444	ng	99
22) Pentachlorophenol	16.65	266	1862	0.336	ng	98
23) Phenanthrene	17.02	178	26704	0.445	ng	100
24) Anthracene	17.11	178	24054	0.439	ng	99
26) Fluoranthene	19.04	202	32889	0.440	ng	100
28) Pyrene	19.41	202	32904	0.432	ng	99
30) Benzo(a)anthracene	21.16	228	31198	0.422	ng	100
31) Chrysene	21.22	228	30817	0.419	ng	100
32) Bis(2-ethylhexyl)phthalate	21.12	149	14522	0.383	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	27742	0.426	ng	100
35) Benzo(b)fluoranthene	22.71	252	27483	0.433	ng	100
36) Benzo(k)fluoranthene	22.76	252	27553	0.433	ng	99
37) Benzo(a)pyrene	23.26	252	24987	0.444	ng	99
38) Dibenzo(a,h)anthracene	25.52	278	22752	0.442	ng	99
39) Benzo(g,h,i)perylene	26.16	276	23428	0.453	ng	99

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

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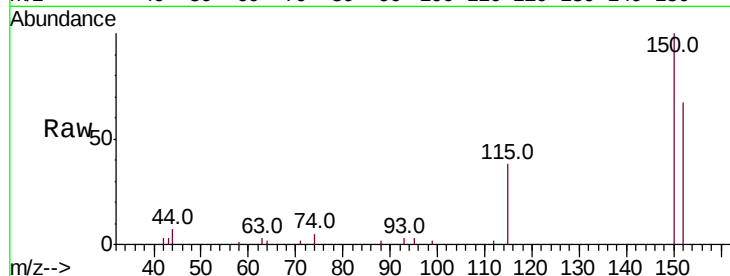


#1

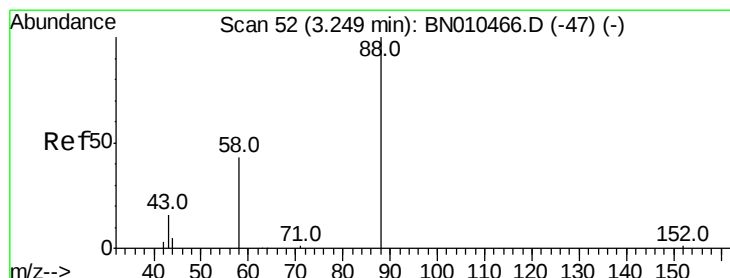
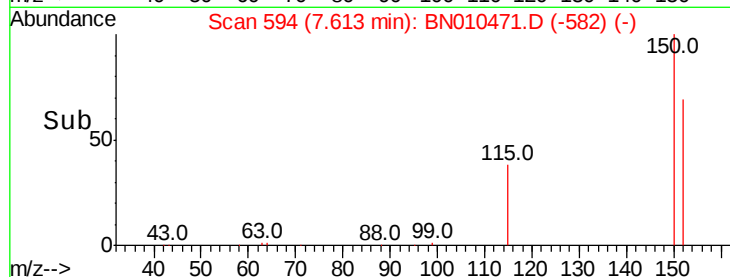
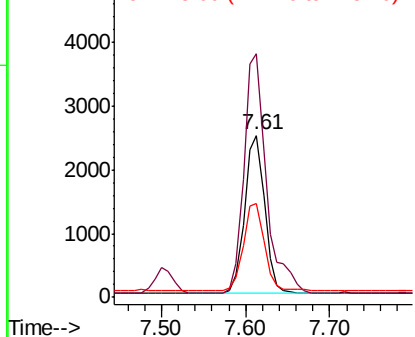
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN010471.D
Acq: 13 Apr 2020 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN041320

Tot Ion:152 Resp: 4069
Ion Ratio Lower Upper
152 100
150 150.0 121.8 182.6
115 57.7 45.5 68.3



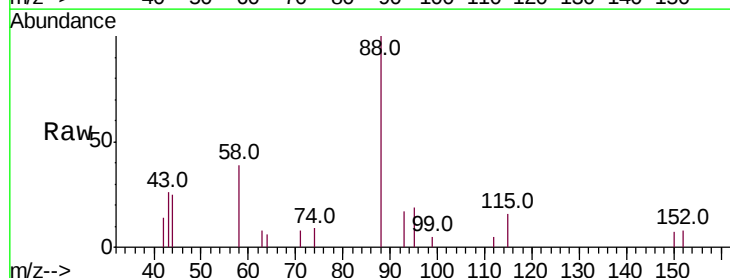
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



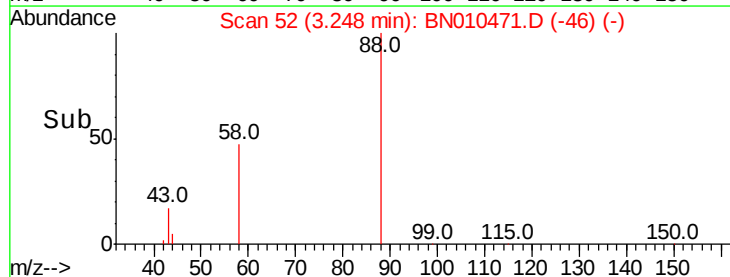
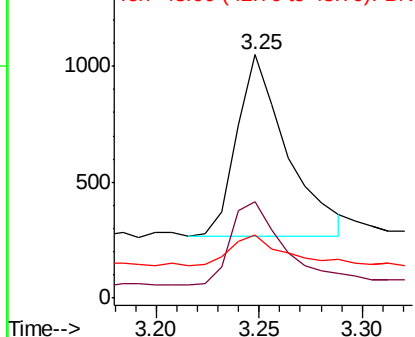
#2

1,4-Dioxane
Concen: 0.445 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010471.D
Acq: 13 Apr 2020 17:24

Tgt Ion: 88 Resp: 1333
Ion Ratio Lower Upper
88 100
58 47.4 36.5 54.7
43 16.6 13.2 19.8



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



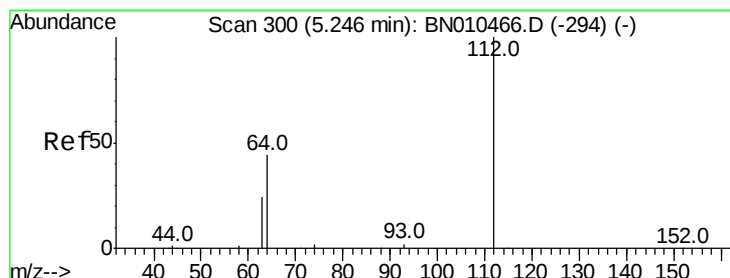
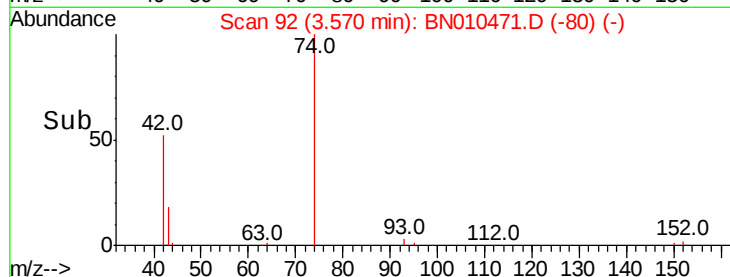
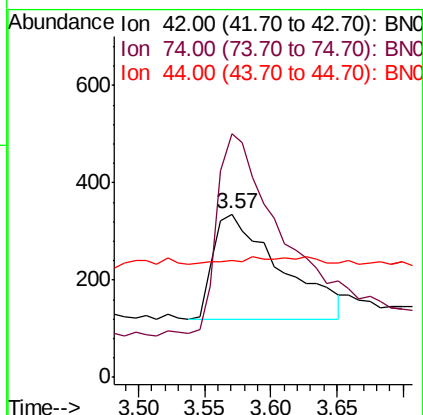
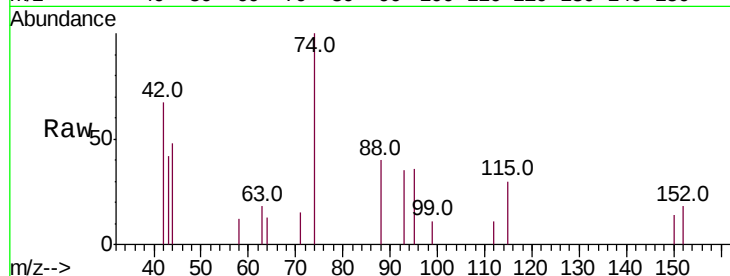


#3

n-Nitrosodimethylamine
 Concen: 0.391 ng
 RT: 3.57 min Scan# 92
 Delta R.T. -0.00 min
 Lab File: BN010471.D
 Acq: 13 Apr 2020 17:24

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN041320

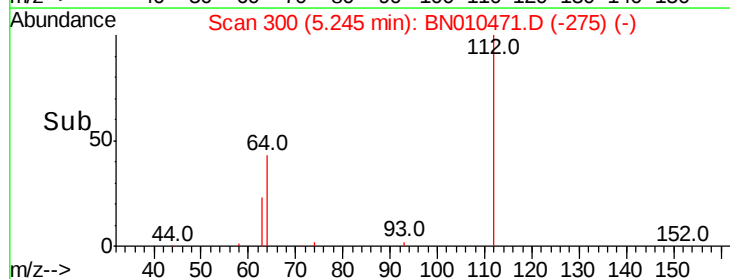
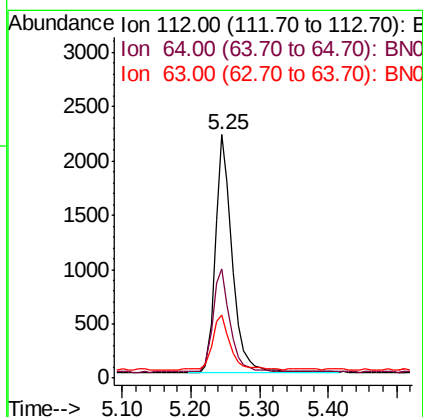
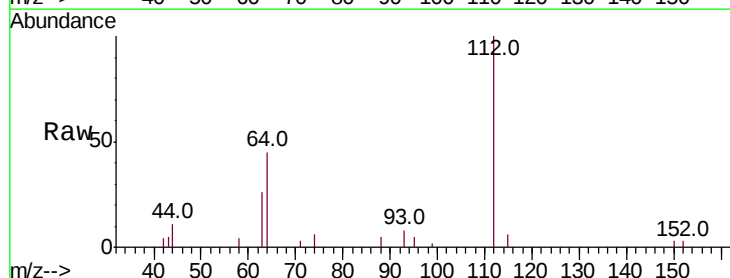
Tot Ion: 42 Resp: 759
 Ion Ratio Lower Upper
 42 100
 74 198.8 162.2 243.4
 44 3.8 2.4 3.6#

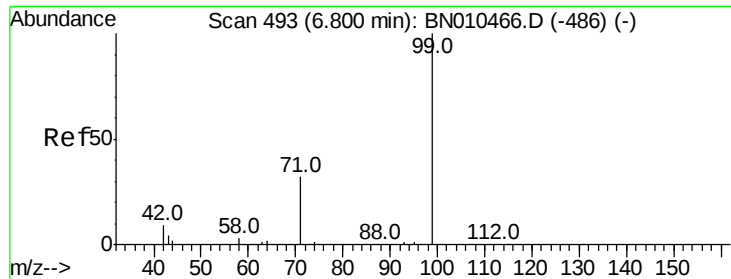


#4

2-Fluorophenol
 Concen: 0.427 ng
 RT: 5.25 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BN010471.D
 Acq: 13 Apr 2020 17:24

Tgt Ion: 112 Resp: 3809
 Ion Ratio Lower Upper
 112 100
 64 44.0 35.8 53.8
 63 23.9 19.9 29.9





#5

Phenol-d6

Concen: 0.428 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

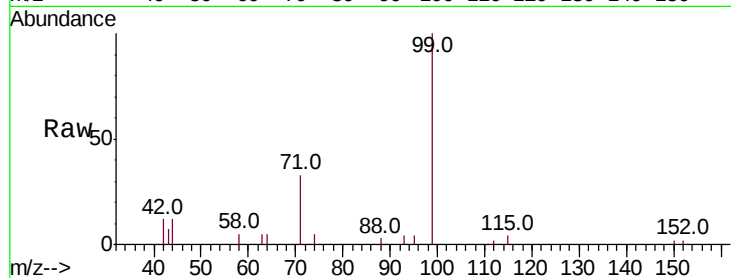
Tot Ion: 99 Resp: 4984

Ion Ratio Lower Upper

99 100

42 12.1 9.8 14.6

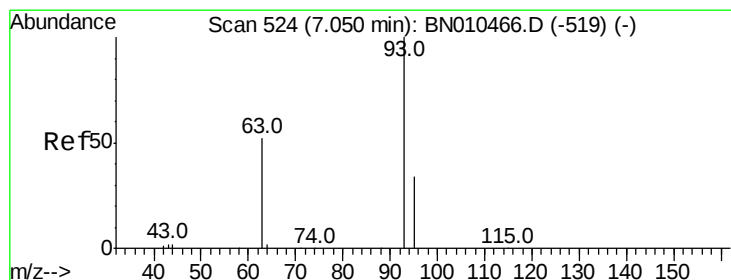
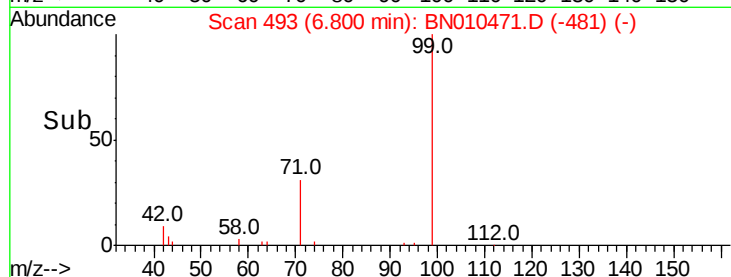
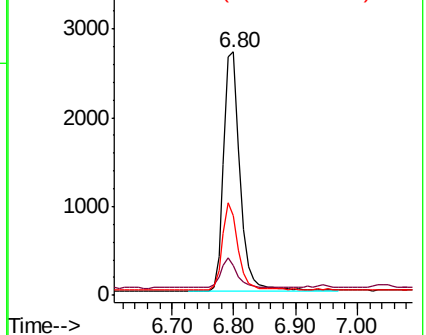
71 34.8 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.441 ng

RT: 7.05 min Scan# 524

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

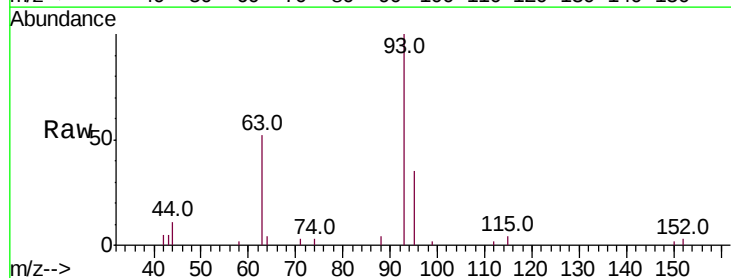
Tgt Ion: 93 Resp: 4446

Ion Ratio Lower Upper

93 100

63 54.7 44.6 66.8

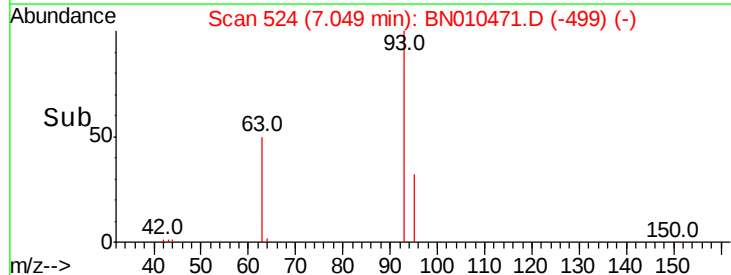
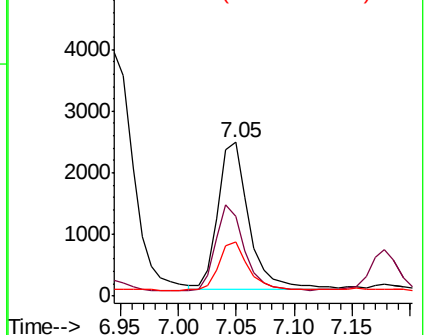
95 32.0 26.5 39.7



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

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ClientSampleId :

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Tot Ion:136 Resp: 16296

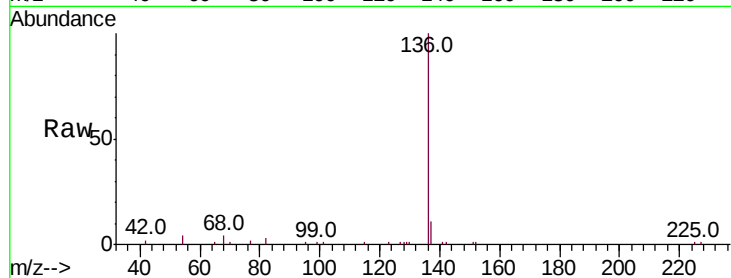
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 3.6 2.6 4.0

68 4.3 3.4 5.2

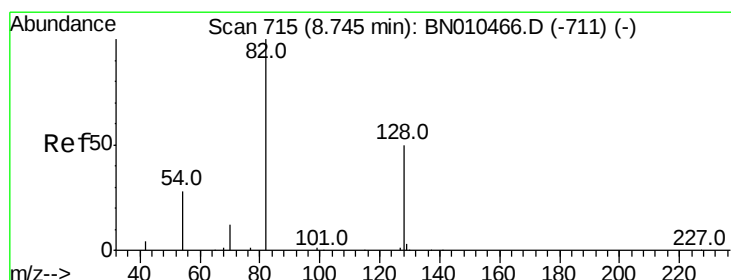
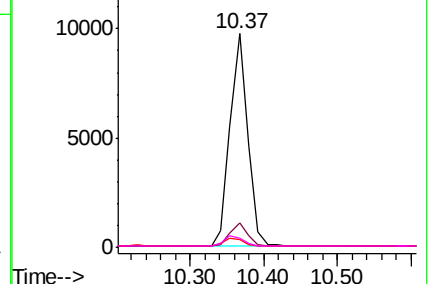
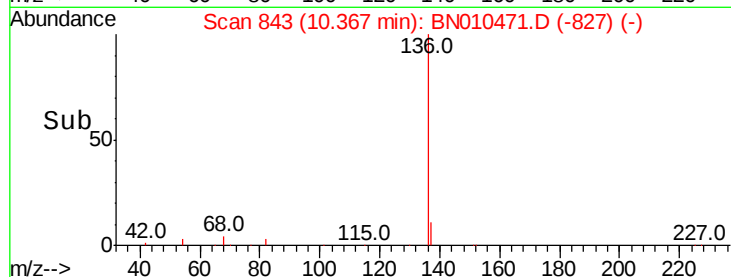


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.437 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

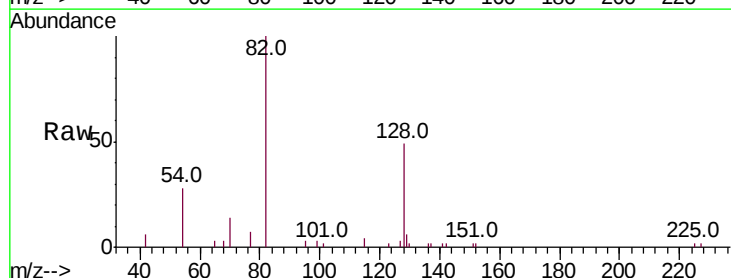
Tgt Ion: 82 Resp: 4973

Ion Ratio Lower Upper

82 100

128 48.9 41.3 61.9

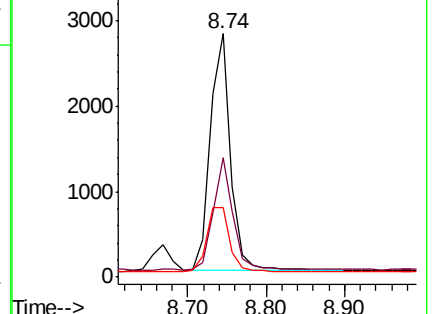
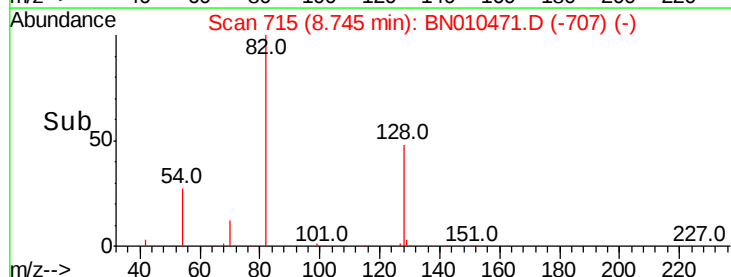
54 28.4 23.4 35.0

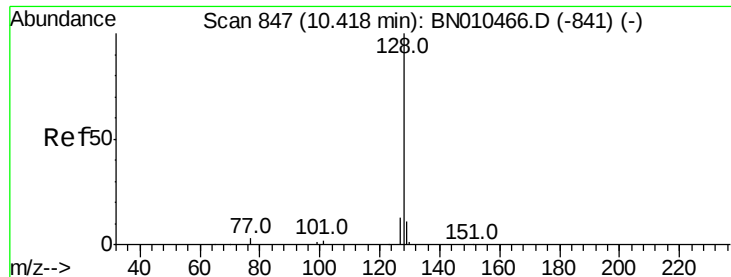


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.439 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.00 min

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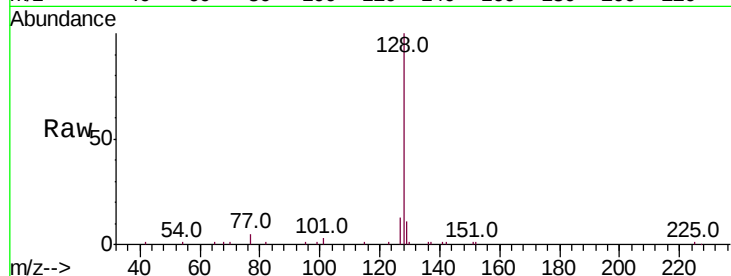
Tot Ion:128 Resp: 17767

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

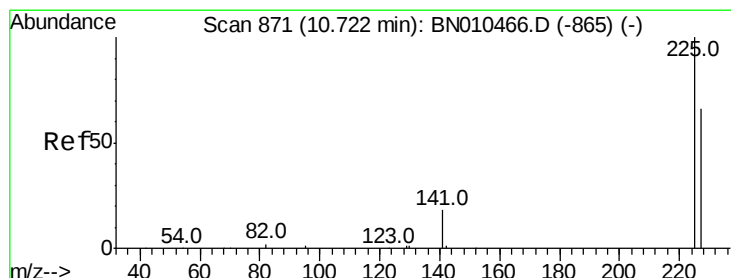
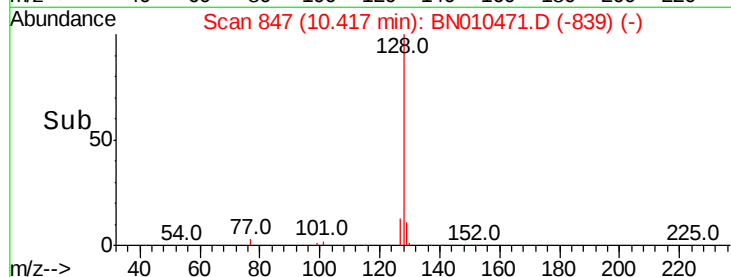
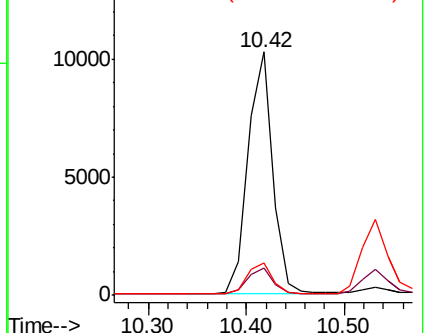
127 13.4 10.5 15.7



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: 0.420 ng

RT: 10.72 min Scan# 871

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

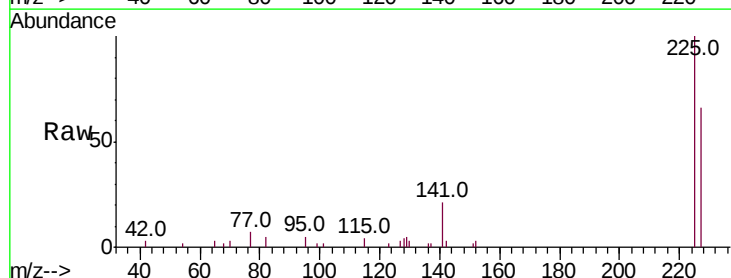
Tgt Ion:225 Resp: 4096

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

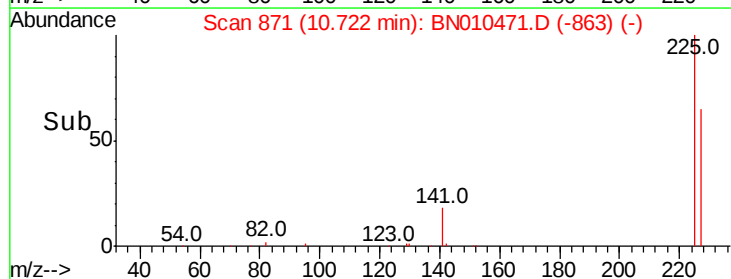
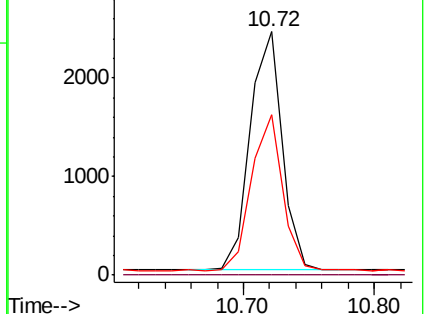
227 63.7 50.6 76.0

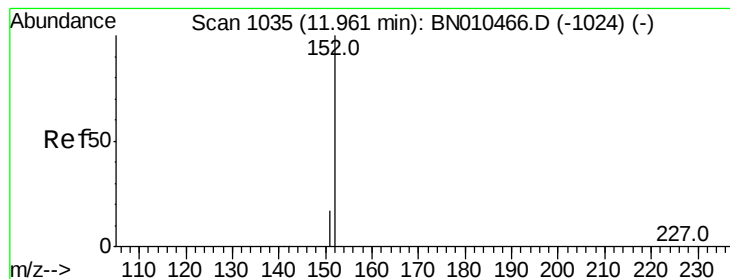


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

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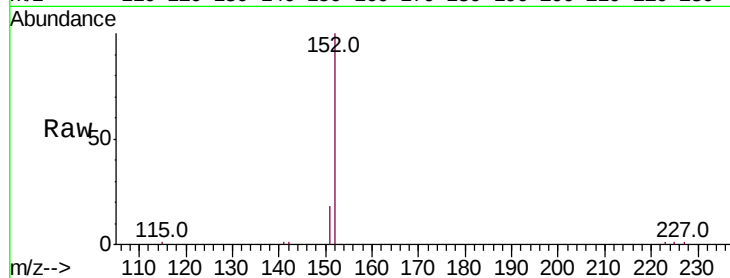
ICVBN041320

Tot Ion:152 Resp: 10923

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

6000

4000

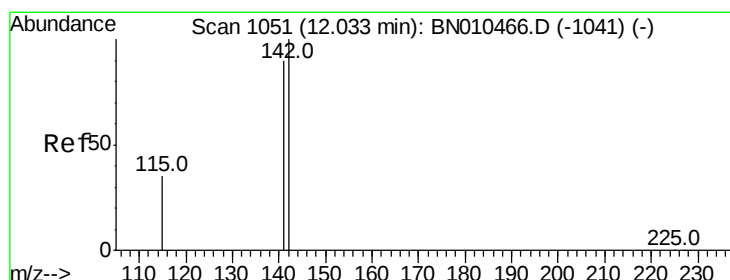
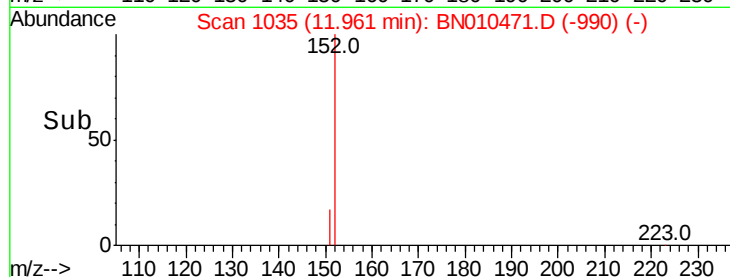
2000

0

11.96

11.90 12.00 12.10

Time-->



#12

2-Methylnaphthalene

Concen: 0.440 ng

RT: 12.03 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

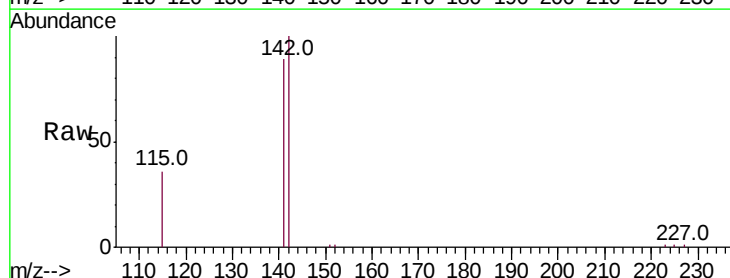
Tgt Ion:142 Resp: 12795

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9

115 35.7 28.8 43.2



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

10000

8000

6000

4000

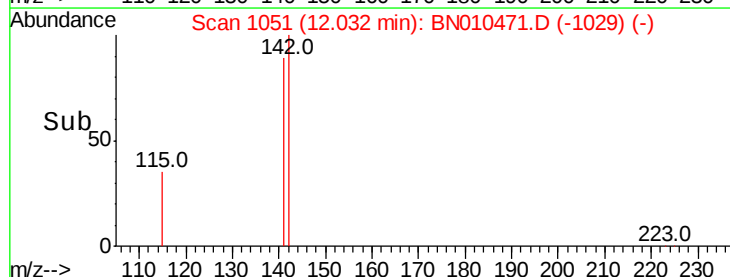
2000

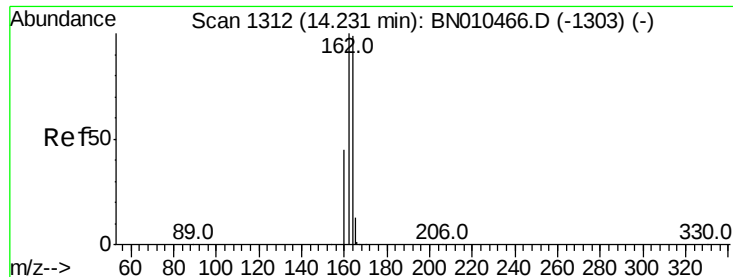
0

12.03

12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

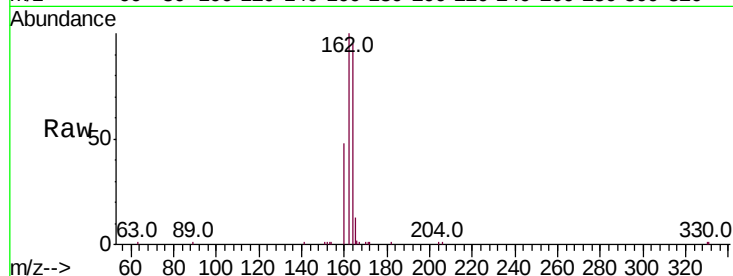
Tot Ion:164 Resp: 10272

Ion Ratio Lower Upper

164 100

162 105.2 80.6 121.0

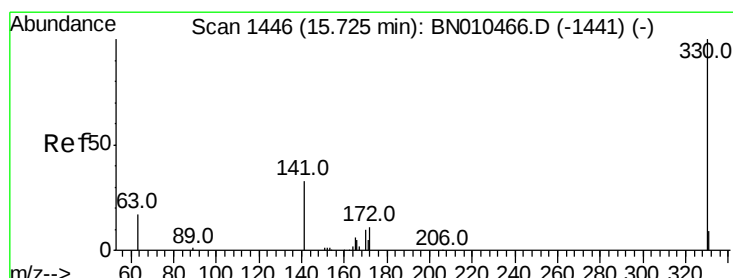
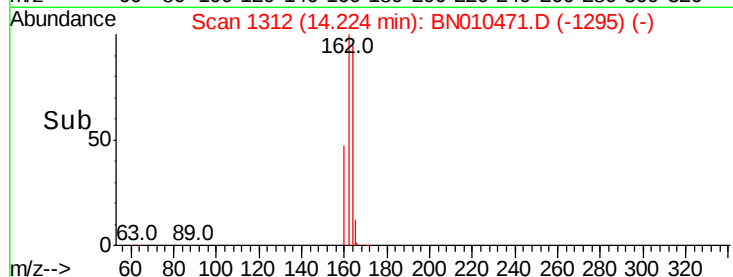
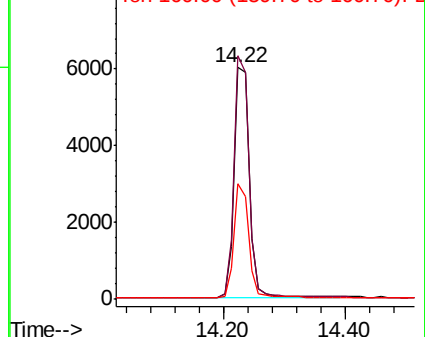
160 50.1 36.5 54.7



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: 0.378 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

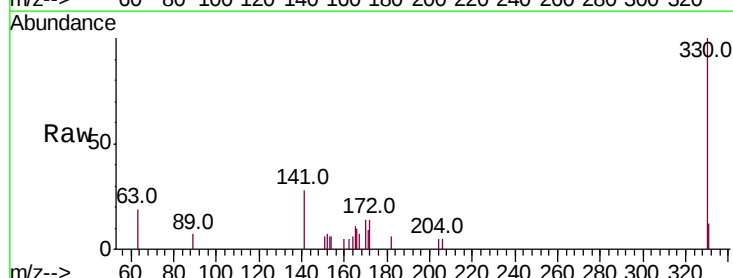
Tgt Ion:330 Resp: 1832

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

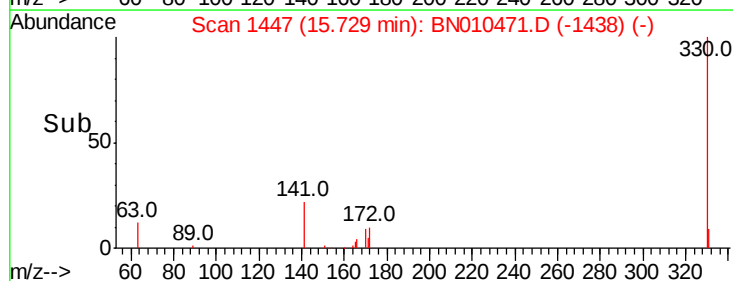
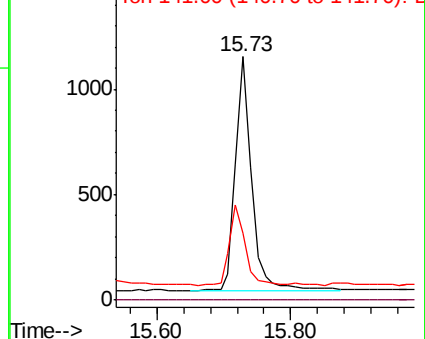
141 34.7 28.1 42.1

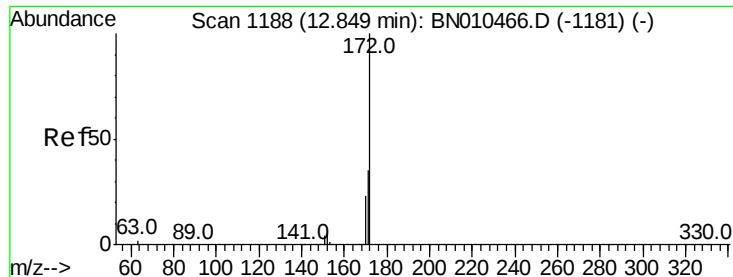


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

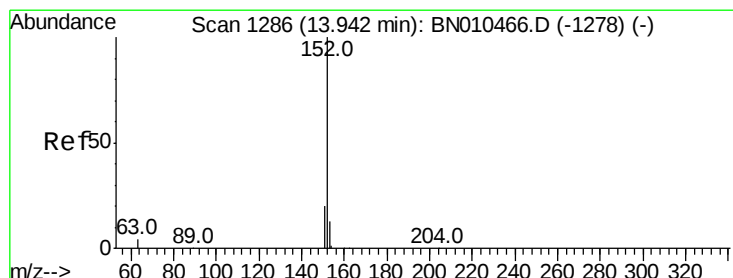
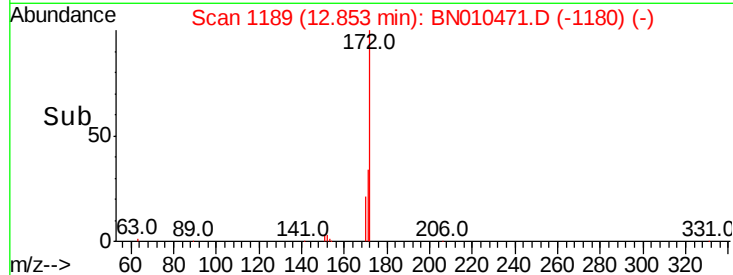
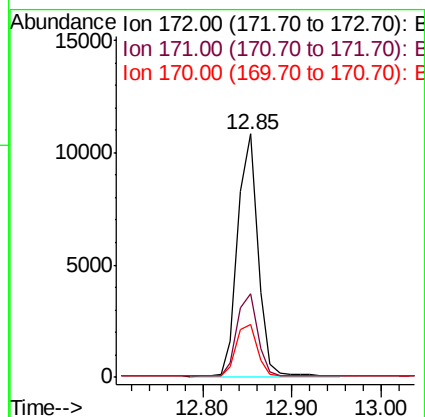
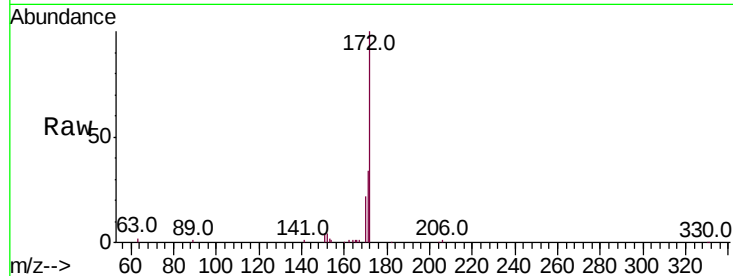




#15
 2-Fluorobiphenyl
 Concen: 0.455 ng
 RT: 12.85 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BN010471.D
 Acq: 13 Apr 2020 17:24

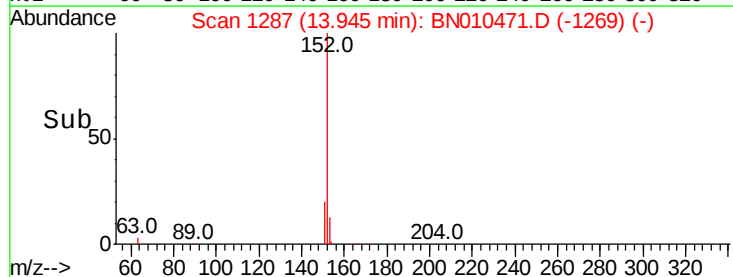
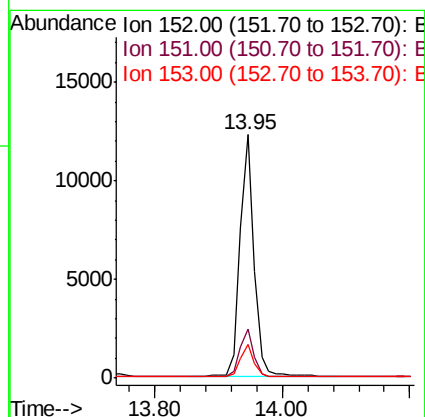
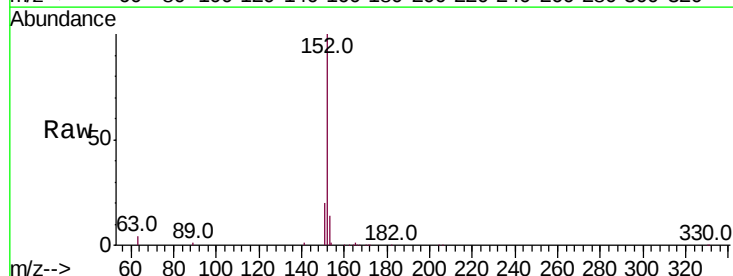
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN041320

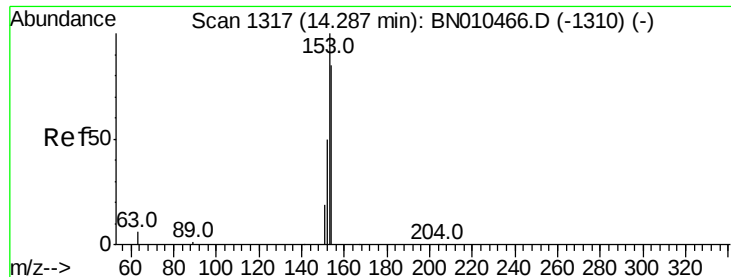
Tot Ion:172 Resp: 17011
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.2 42.2
 170 21.9 18.4 27.6



#16
 Acenaphthylene
 Concen: 0.432 ng
 RT: 13.95 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BN010471.D
 Acq: 13 Apr 2020 17:24

Tgt Ion:152 Resp: 19149
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.7 23.5
 153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.422 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

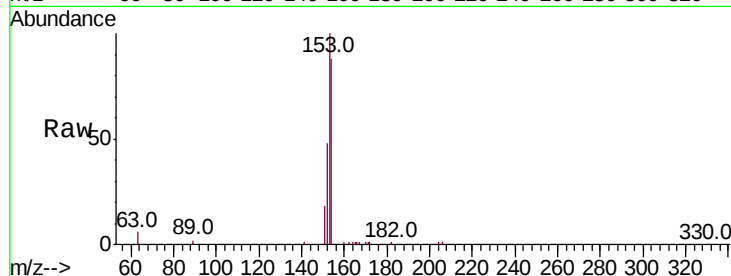
Tot Ion:154 Resp: 12043

Ion Ratio Lower Upper

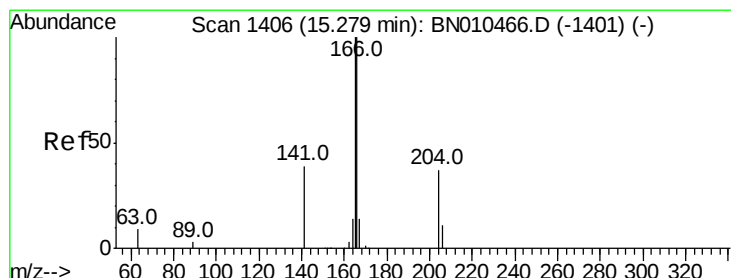
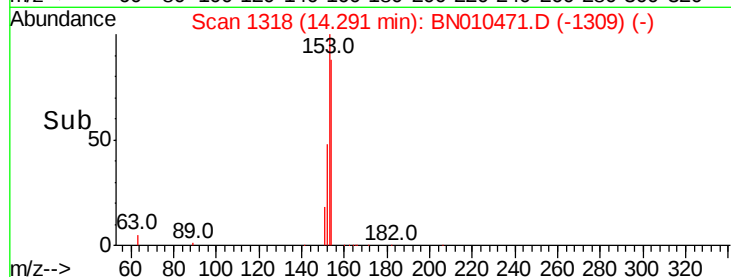
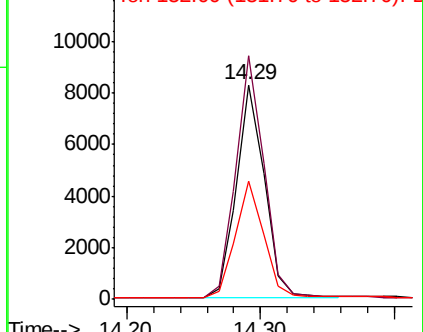
154 100

153 114.5 91.0 136.4

152 55.6 44.6 67.0



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: 0.427 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

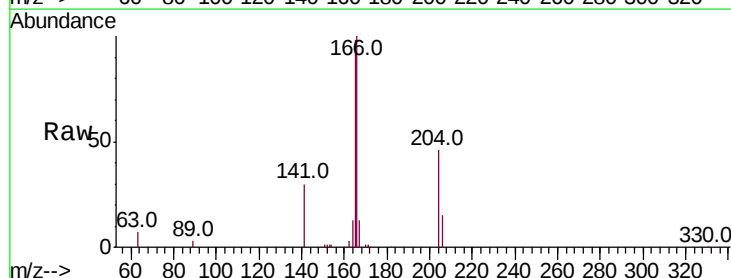
Tgt Ion:166 Resp: 15939

Ion Ratio Lower Upper

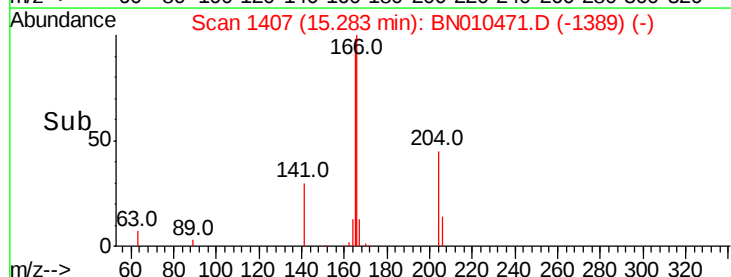
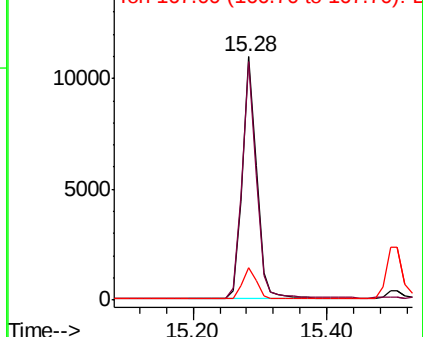
166 100

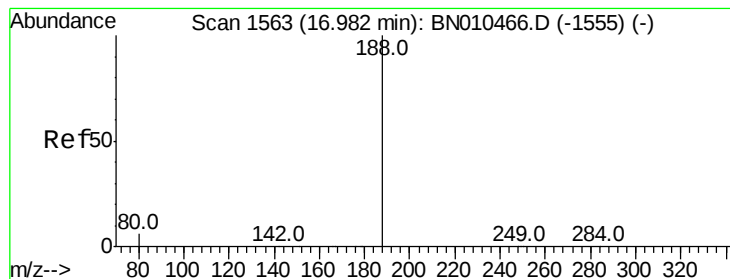
165 97.6 78.4 117.6

167 13.3 10.9 16.3



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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

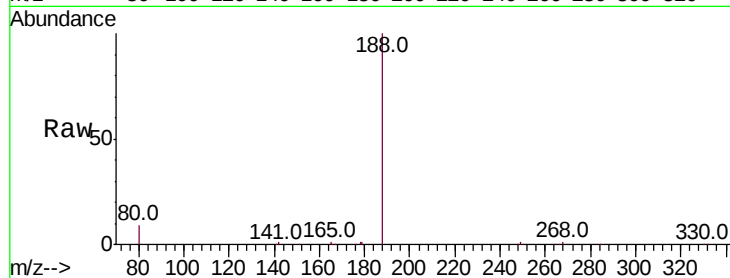
Tot Ion:188 Resp: 22214

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

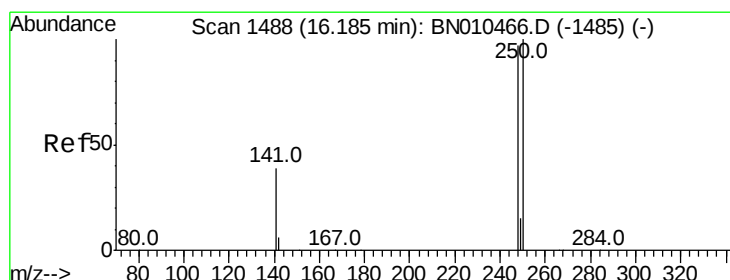
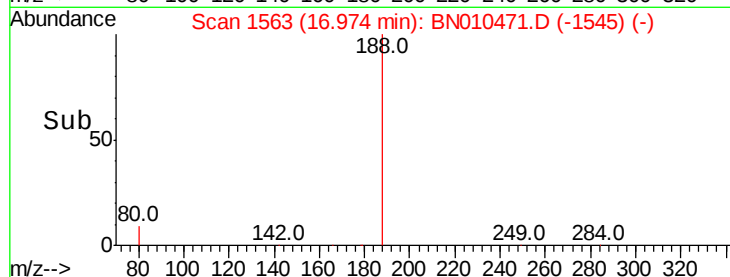
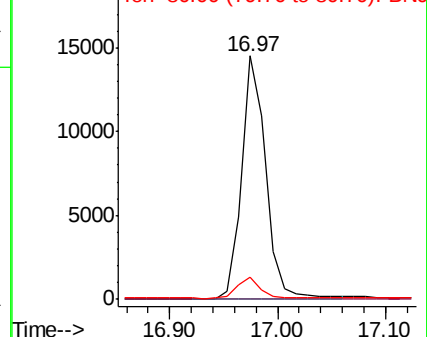
80 9.1 5.0 7.6#



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: 0.420 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

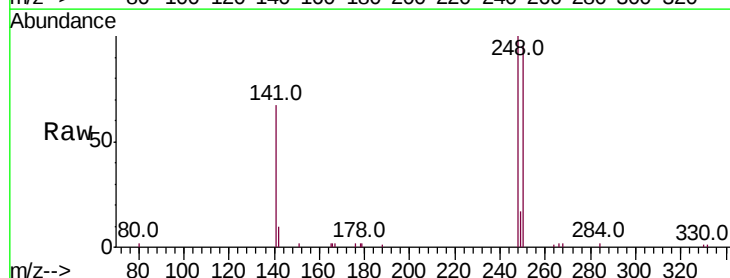
Tgt Ion:248 Resp: 5185

Ion Ratio Lower Upper

248 100

250 95.3 82.3 123.5

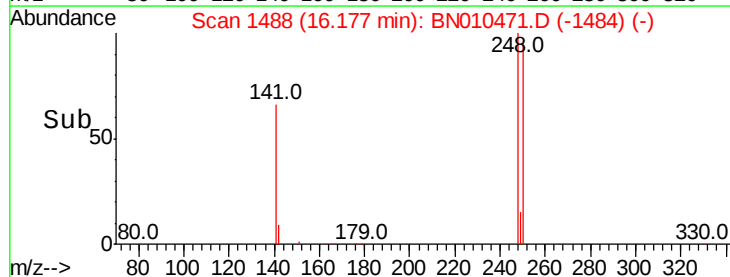
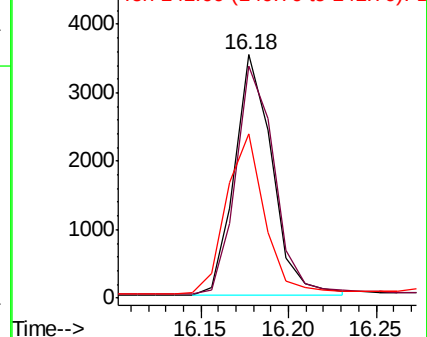
141 67.4 35.2 52.8#

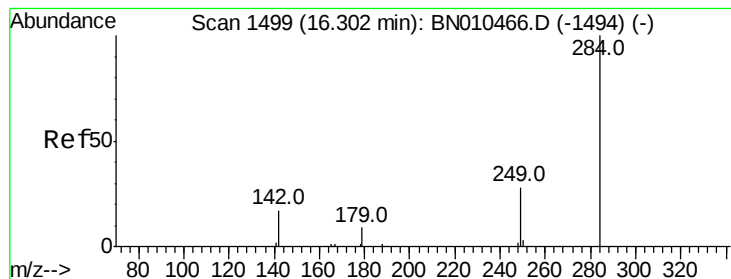


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.444 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

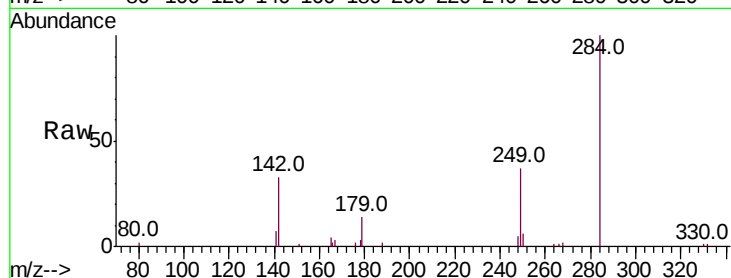
Tot Ion:284 Resp: 6249

Ion Ratio Lower Upper

284 100

142 32.3 25.5 38.3

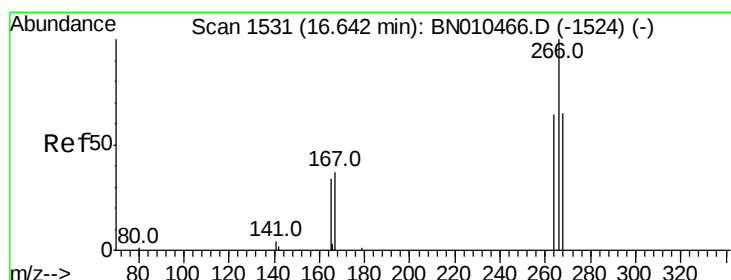
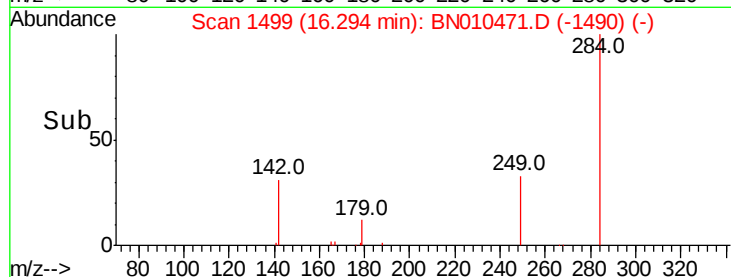
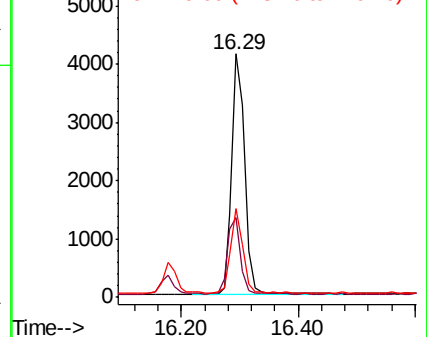
249 32.9 25.8 38.6



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: 0.336 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

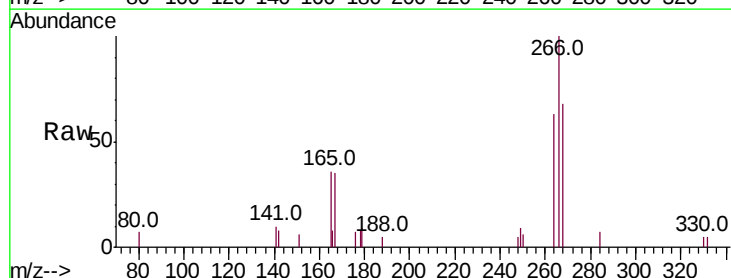
Tgt Ion:266 Resp: 1862

Ion Ratio Lower Upper

266 100

264 62.5 51.8 77.6

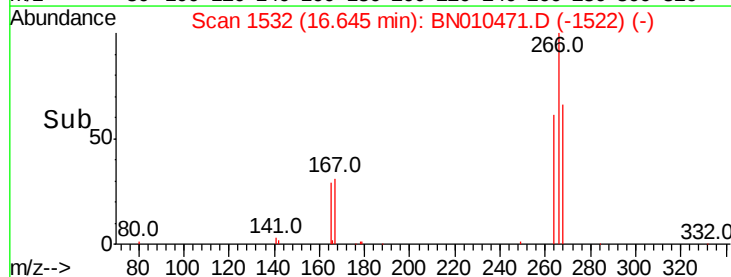
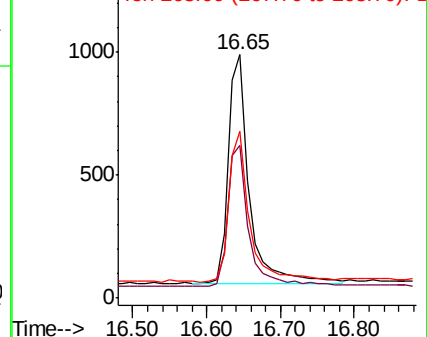
268 68.5 53.7 80.5



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: 0.445 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

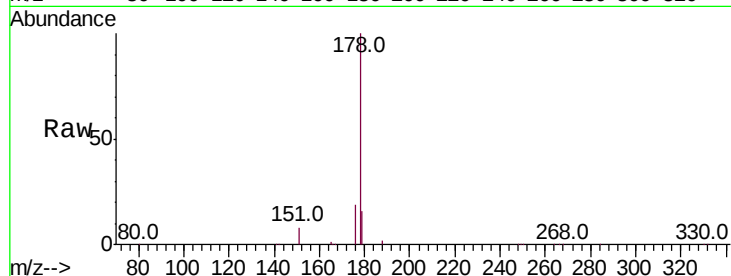
Tot Ion:178 Resp: 26704

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.3 12.6 18.8

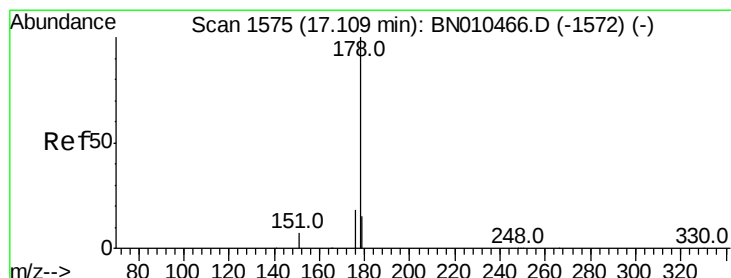
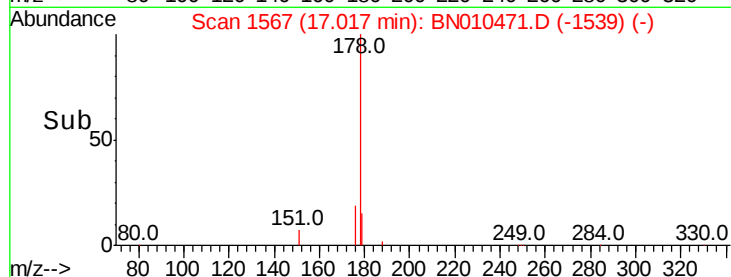
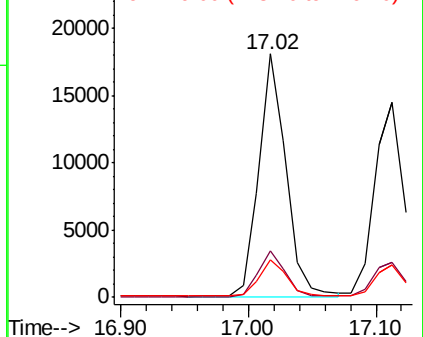


Abundance

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: 0.439 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

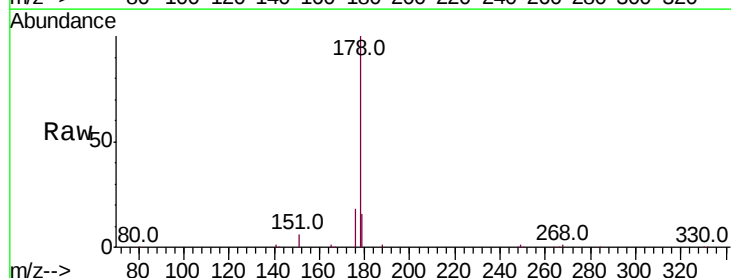
Tgt Ion:178 Resp: 24054

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

179 15.7 12.2 18.2

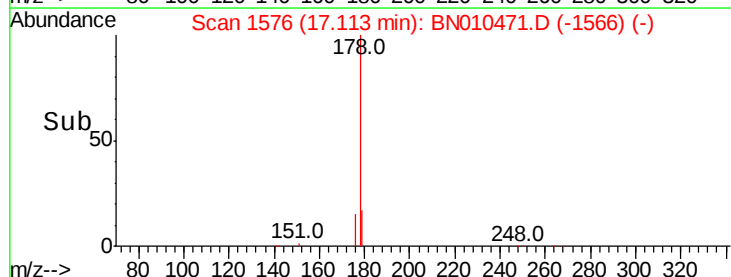
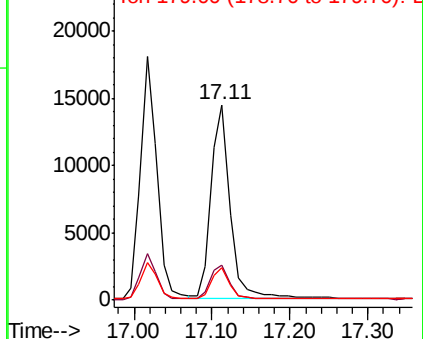


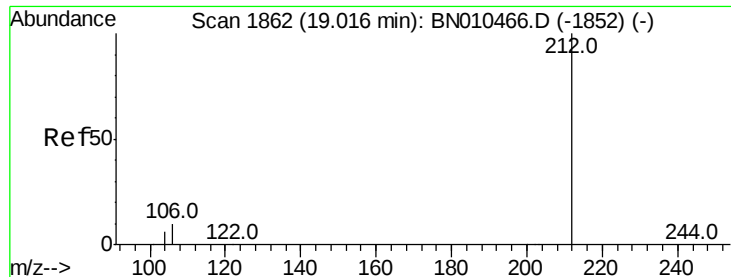
Abundance

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: 0.406 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

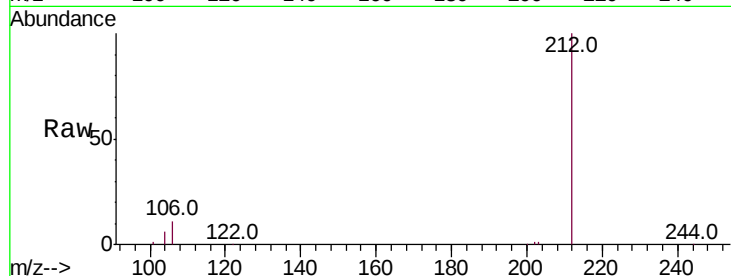
Tot Ion:212 Resp: 27319

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

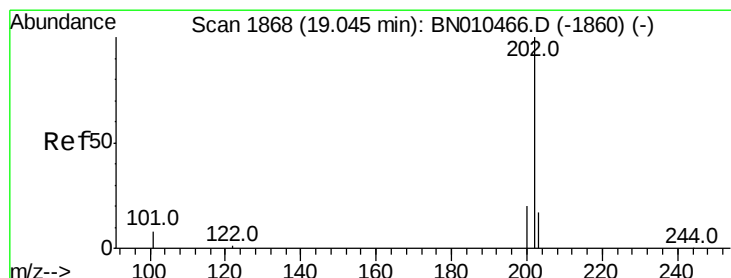
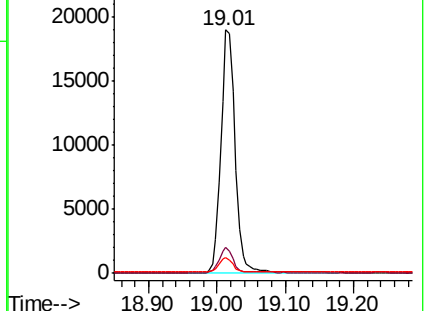
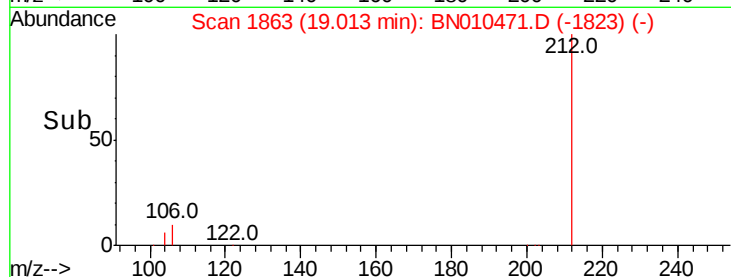
104 5.6 4.5 6.7



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



#26

Fluoranthene

Concen: 0.440 ng

RT: 19.04 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

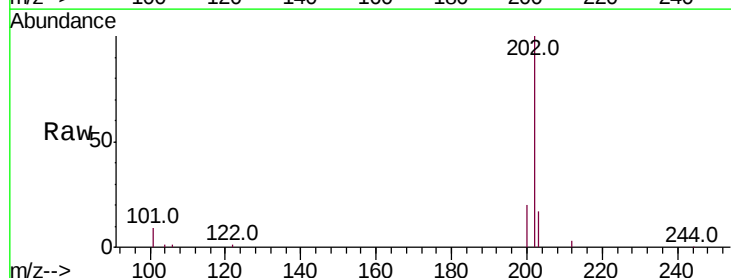
Tgt Ion:202 Resp: 32889

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

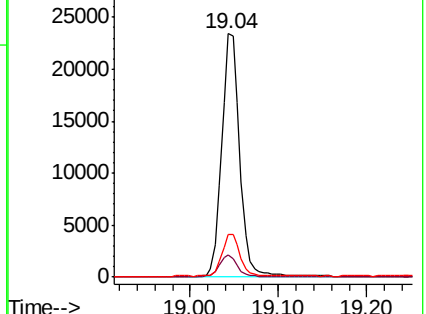
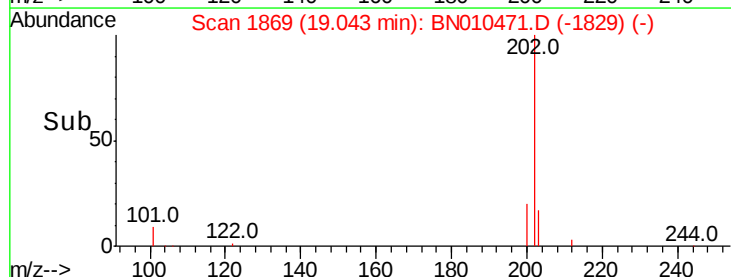
203 17.2 13.9 20.9



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: 21.18 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

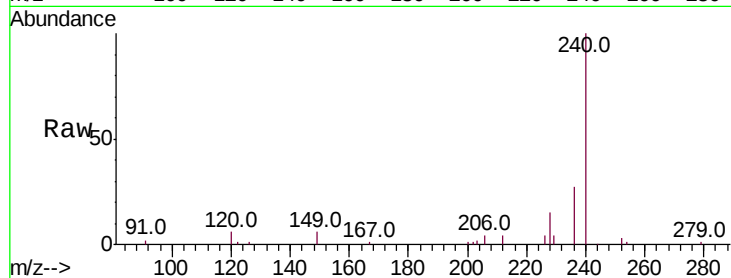
Tot Ion:240 Resp: 22648

Ion Ratio Lower Upper

240 100

120 6.2 4.8 7.2

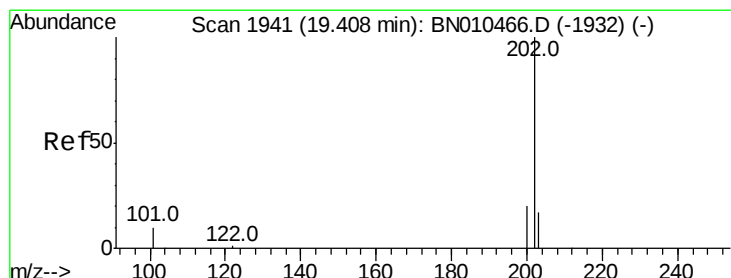
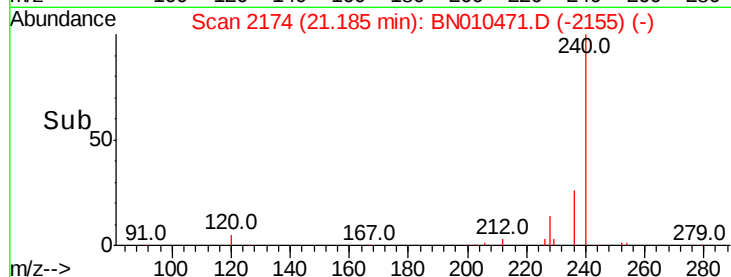
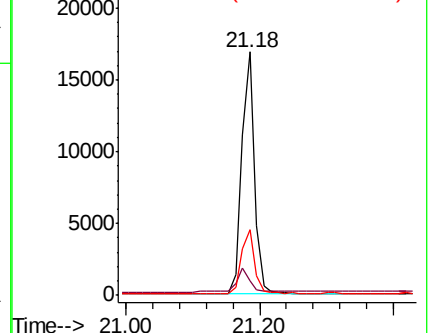
236 26.8 21.4 32.0



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: 0.432 ng

RT: 19.41 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

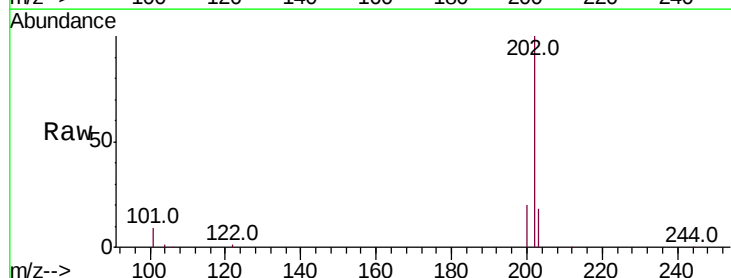
Tgt Ion:202 Resp: 32904

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

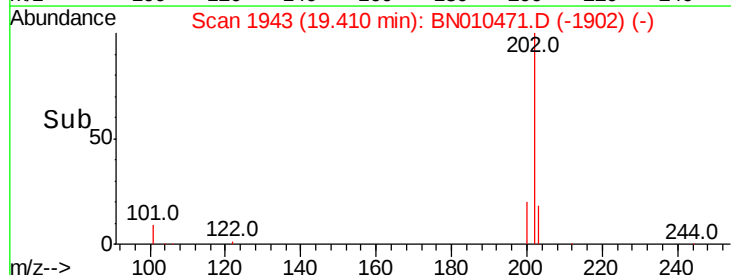
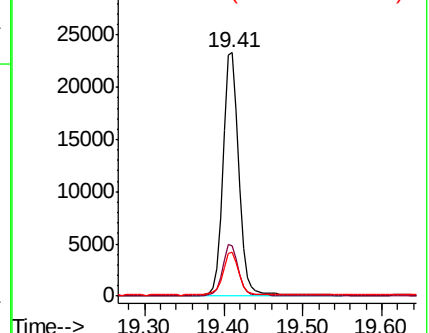
203 18.1 14.0 21.0

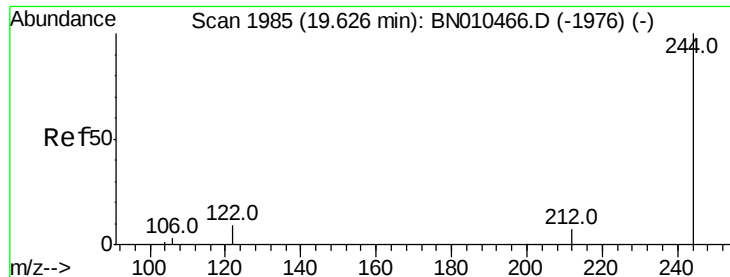


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.479 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

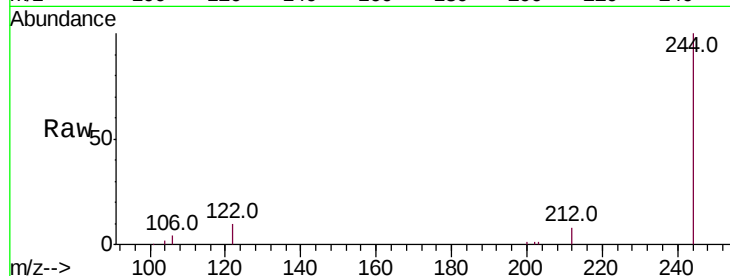
Tot Ion:244 Resp: 24821

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

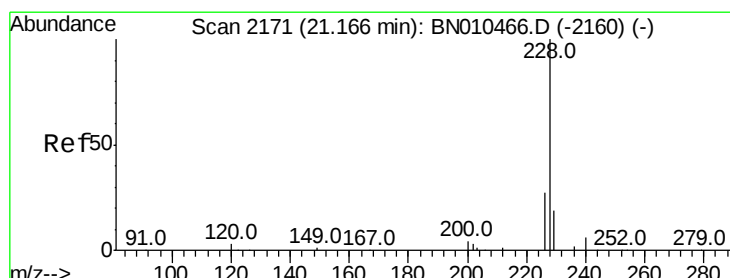
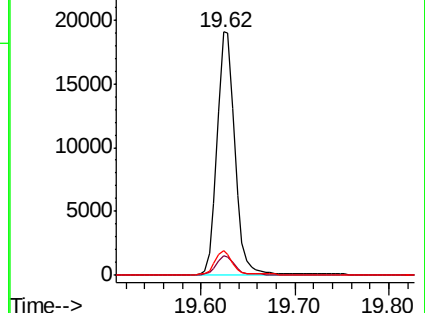
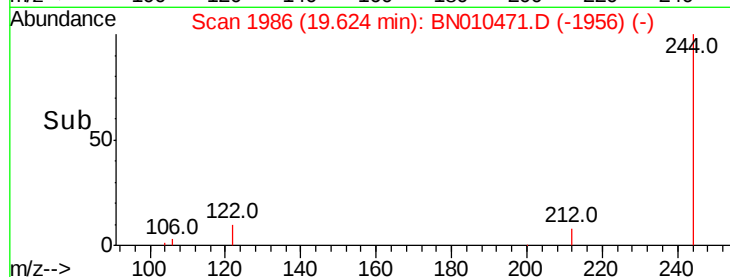
122 10.4 7.8 11.8



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: 0.422 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

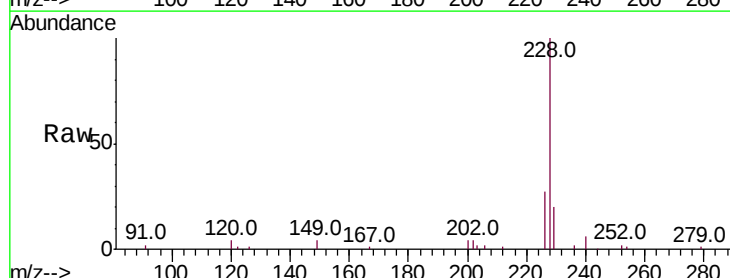
Tgt Ion:228 Resp: 31198

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

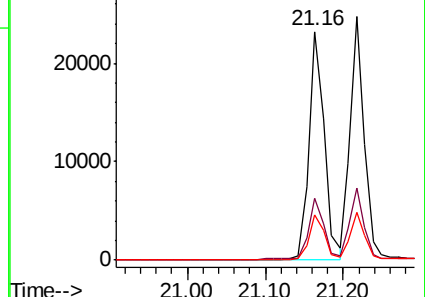
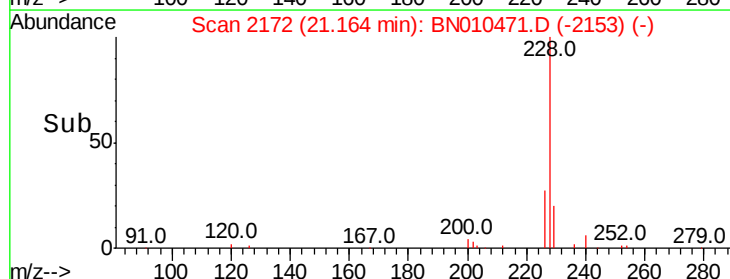
229 19.9 15.6 23.4

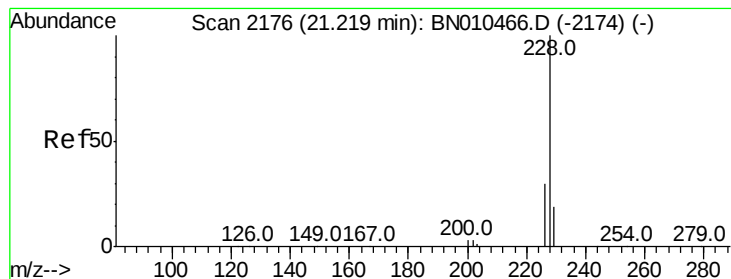


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.419 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

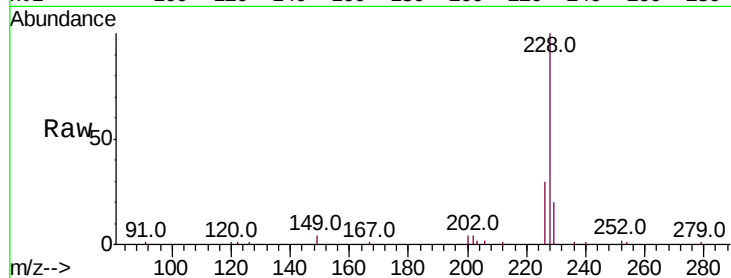
Tot Ion:228 Resp: 30817

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

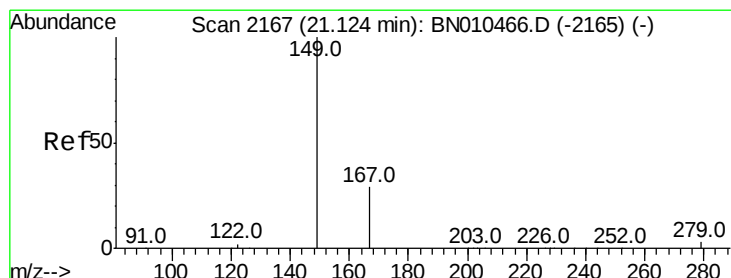
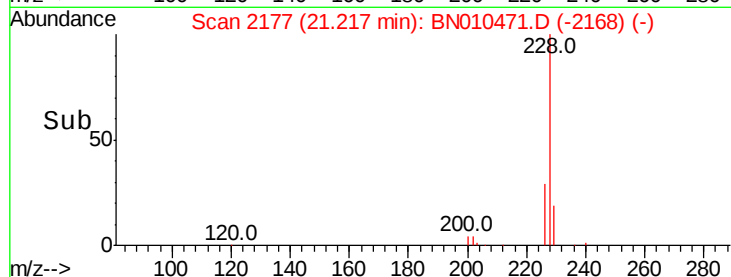
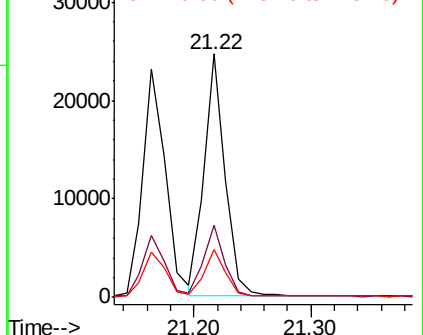
229 19.8 15.8 23.6



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: 0.383 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

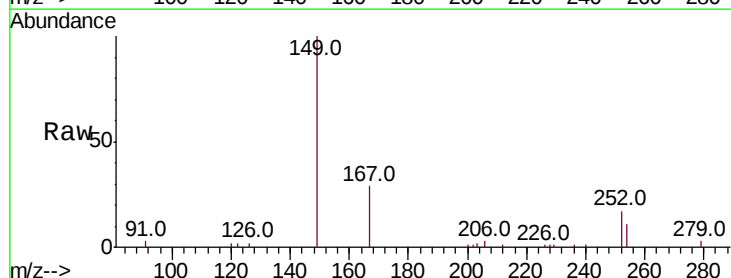
Tgt Ion:149 Resp: 14522

Ion Ratio Lower Upper

149 100

167 29.9 23.4 35.0

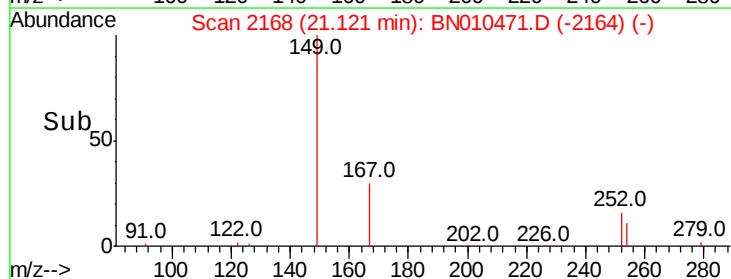
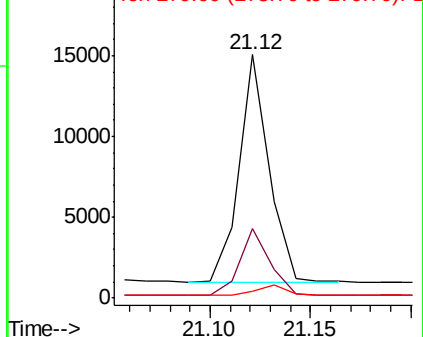
279 4.8 4.0 6.0

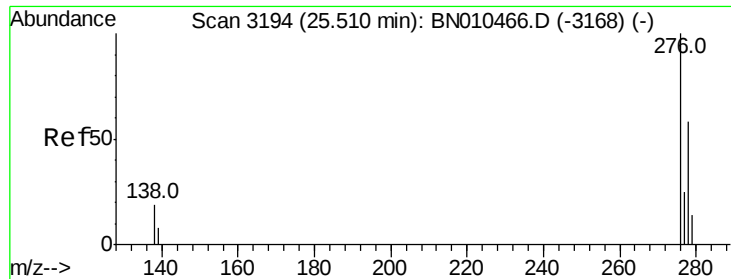


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.426 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

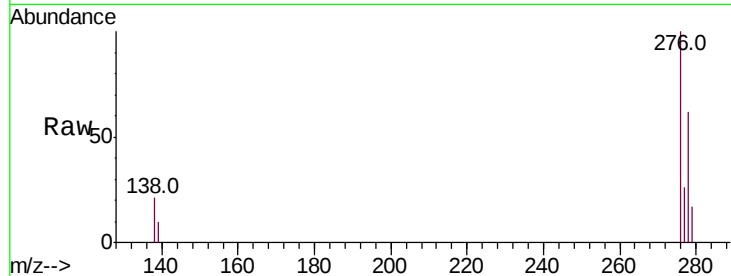
Tot Ion:276 Resp: 27742

Ion Ratio Lower Upper

276 100

138 20.7 16.4 24.6

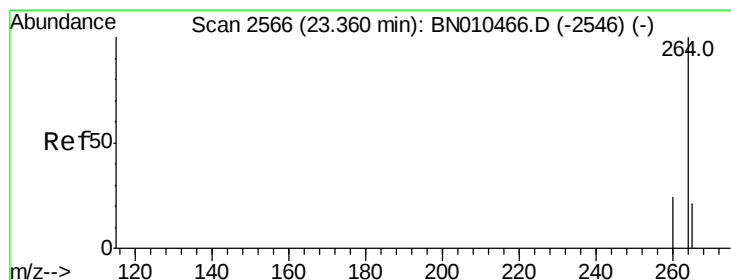
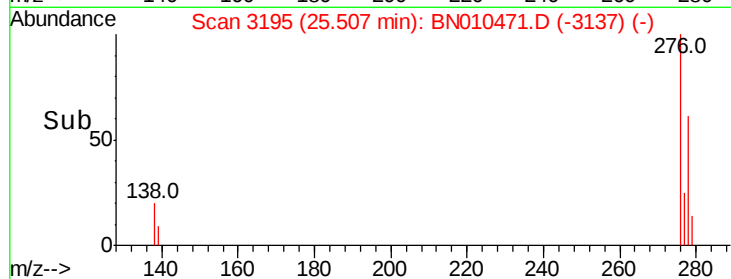
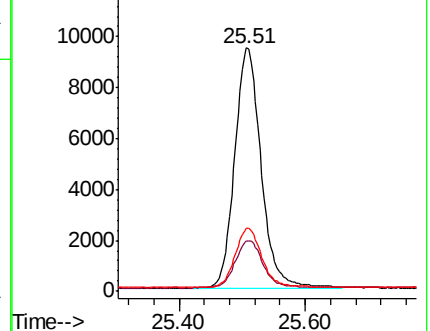
277 24.9 19.8 29.6



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: 23.36 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

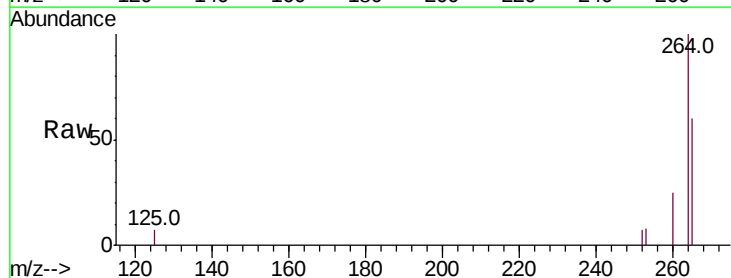
Tgt Ion:264 Resp: 19299

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

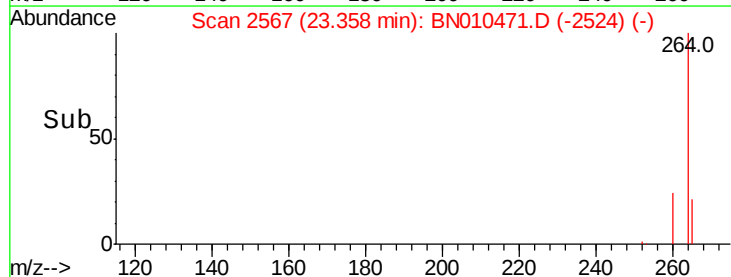
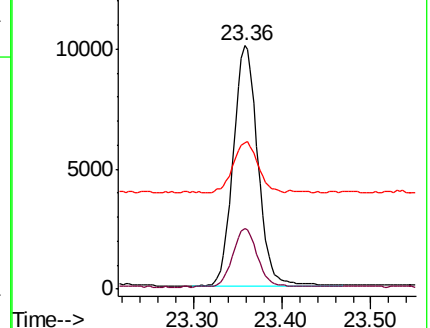
265 60.3 42.3 63.5



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

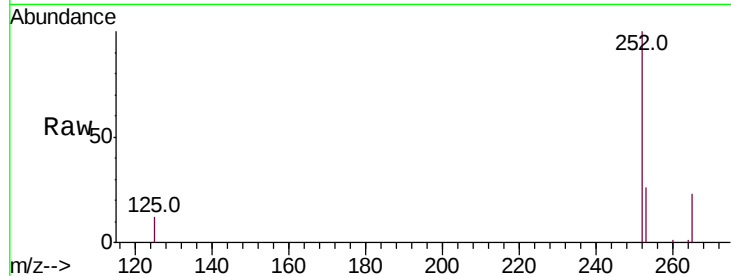




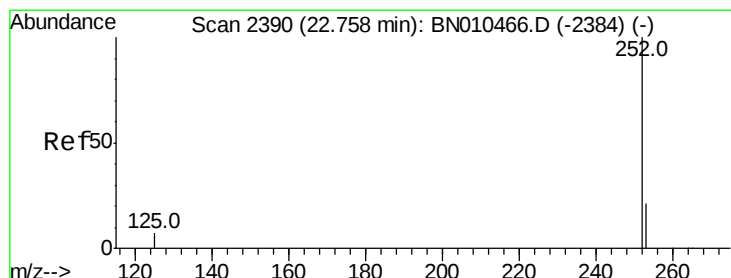
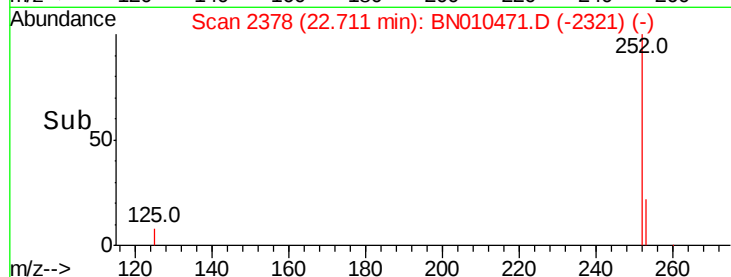
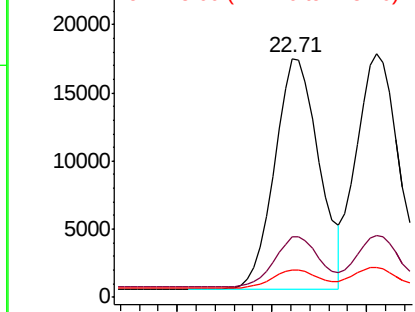
#35
Benzo(b)fluoranthene
Concen: 0.433 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010471.D
Acq: 13 Apr 2020 17:24

Instrument :
BNA_N
ClientSampleId :
ICVBN041320

Tot Ion:252 Resp: 27483
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.4
125 11.7 9.2 13.8

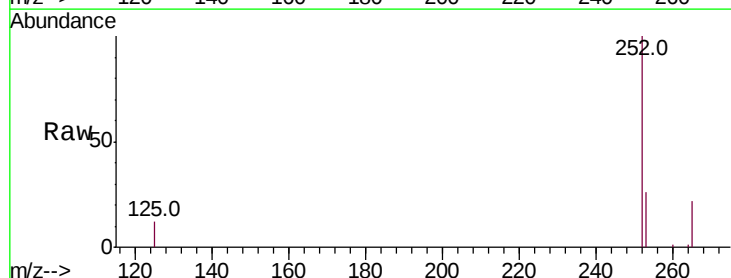


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

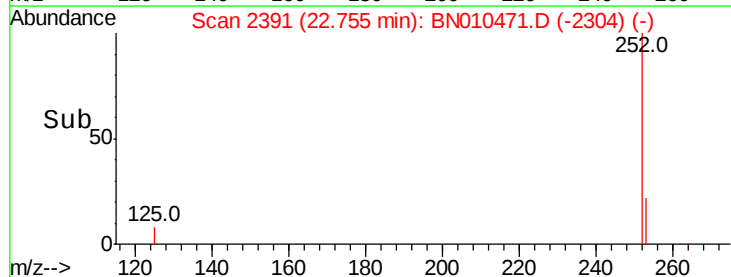
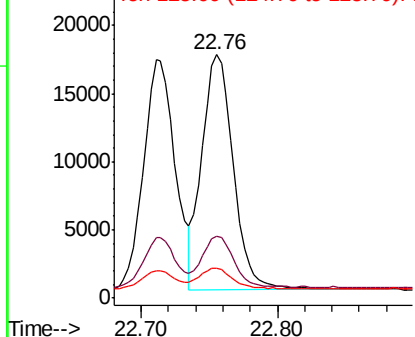


#36
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BN010471.D
Acq: 13 Apr 2020 17:24

Tgt Ion:252 Resp: 27553
Ion Ratio Lower Upper
252 100
253 25.5 20.1 30.1
125 12.1 9.6 14.4



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





#37

Benzo(a)pyrene

Concen: 0.444 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

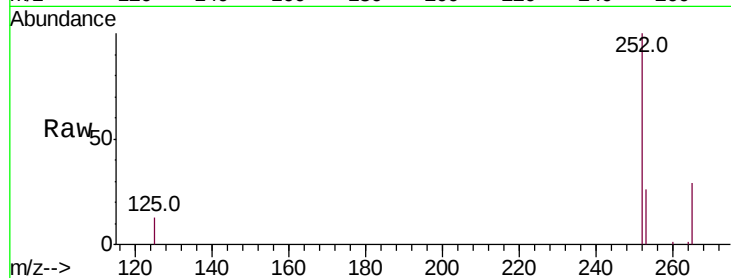
Tot Ion:252 Resp: 24987

Ion Ratio Lower Upper

252 100

253 26.4 21.8 32.8

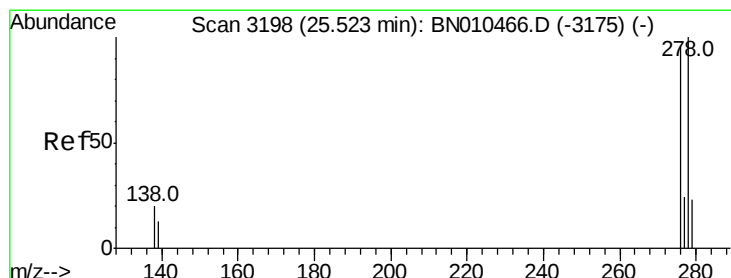
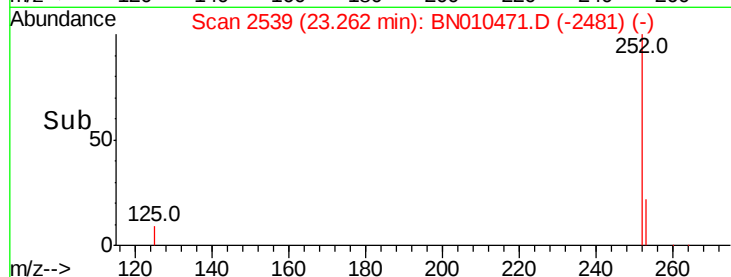
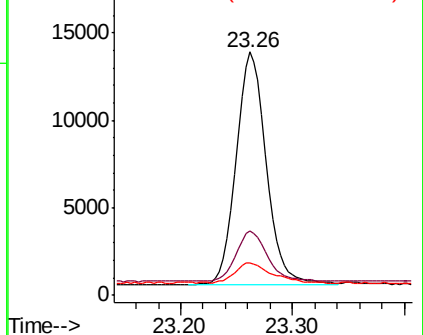
125 13.4 11.0 16.6



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: 0.442 ng

RT: 25.52 min Scan# 3200

Delta R.T. 0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

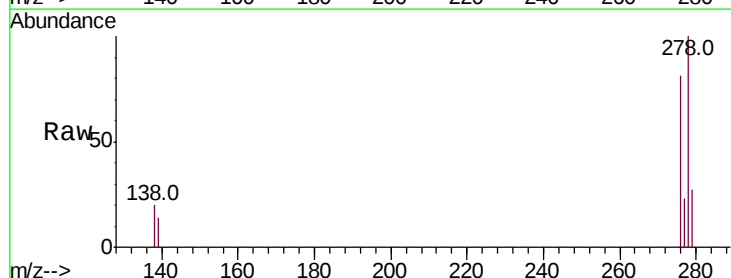
Tgt Ion:278 Resp: 22752

Ion Ratio Lower Upper

278 100

139 14.4 12.3 18.5

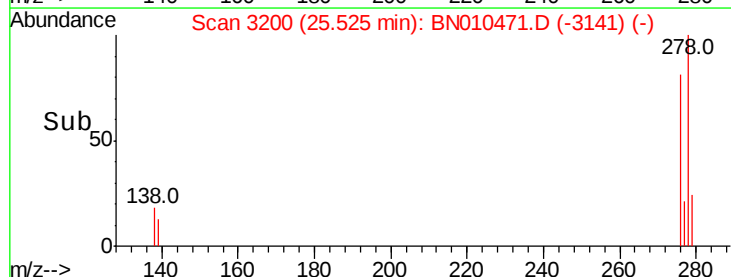
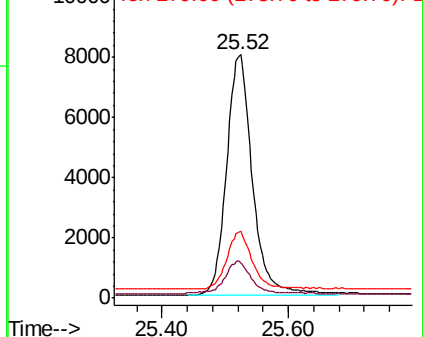
279 27.4 21.9 32.9

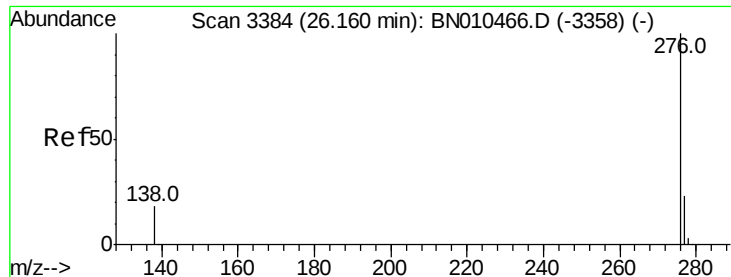


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.453 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BN010471.D

Acq: 13 Apr 2020 17:24

Instrument :

BNA_N

ClientSampleId :

ICVBN041320

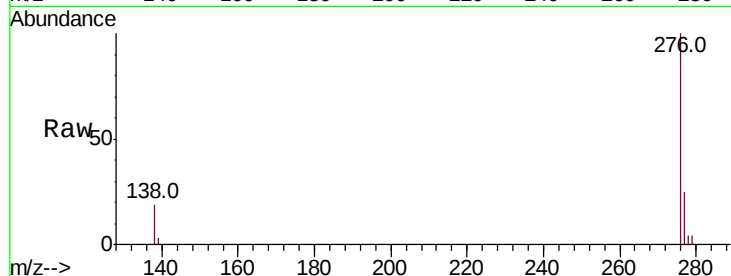
Tot Ion:276 Resp: 23428

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.2

138 18.8 15.4 23.2



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

