

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
 Data File : BN010681.D
 Acq On : 30 Apr 2020 19:15
 Operator : CG/JU
 Sample : PB128575BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128575BSD

Quant Time: Apr 30 19:46:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 11:18:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3254	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	13850	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	8998	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	20706	0.40	ng	0.00
27) Chrysene-d12	21.17	240	17950	0.40	ng	0.00
34) Perylene-d12	23.33	264	16025	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	2459	0.35	ng	0.00
5) Phenol-d6	6.78	99	3075	0.33	ng	0.00
8) Nitrobenzene-d5	8.72	82	3083	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	11183	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	1030	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	9995	0.31	ng	0.00
25) Fluoranthene-d10	18.99	212	16020	0.26	ng	0.00
29) Terphenyl-d14	19.60	244	12420	0.30	ng	0.00

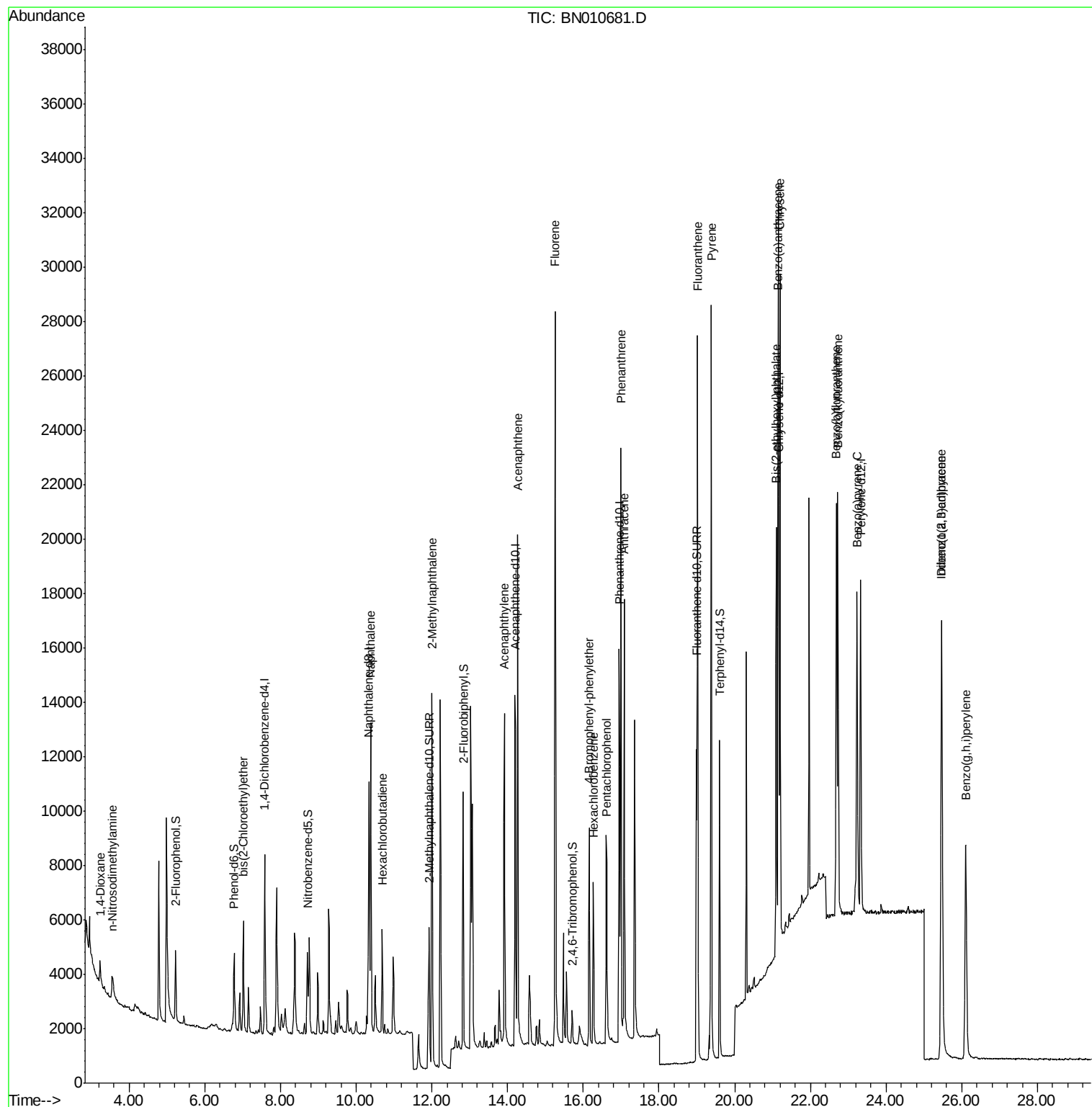
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	827	0.345	ng	# 88
3) n-Nitrosodimethylamine	3.55	42	668	0.430	ng	# 1
6) bis(2-Chloroethyl)ether	7.02	93	3583	0.444	ng	98
9) Naphthalene	10.38	128	14425	0.419	ng	99
10) Hexachlorobutadiene	10.68	225	3065	0.370	ng	# 100
12) 2-Methylnaphthalene	12.01	142	10545	0.427	ng	97
16) Acenaphthylene	13.92	152	14950	0.385	ng	99
17) Acenaphthene	14.26	154	10289	0.412	ng	99
18) Fluorene	15.26	166	13448	0.411	ng	100
20) 4-Bromophenyl-phenylether	16.15	248	4174	0.363	ng	# 82
21) Hexachlorobenzene	16.27	284	5056	0.385	ng	99
22) Pentachlorophenol	16.62	266	4798	0.929	ng	97
23) Phenanthrene	16.99	178	22159	0.396	ng	100
24) Anthracene	17.09	178	19938	0.390	ng	100
26) Fluoranthene	19.02	202	25093	0.361	ng	100
28) Pyrene	19.38	202	25472	0.422	ng	99
30) Benzo(a)anthracene	21.14	228	20110	0.343	ng	99
31) Chrysene	21.20	228	20988	0.360	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	11883	0.395	ng	98
33) Indeno(1,2,3-cd)pyrene	25.46	276	20543	0.398	ng	98
35) Benzo(b)fluoranthene	22.69	252	18764	0.356	ng	# 96
36) Benzo(k)fluoranthene	22.73	252	19746	0.374	ng	95
37) Benzo(a)pyrene	23.23	252	17522	0.375	ng	97
38) Dibenzo(a,h)anthracene	25.48	278	16960	0.397	ng	99
39) Benzo(g,h,i)perylene	26.10	276	17798	0.414	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: 7.58 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

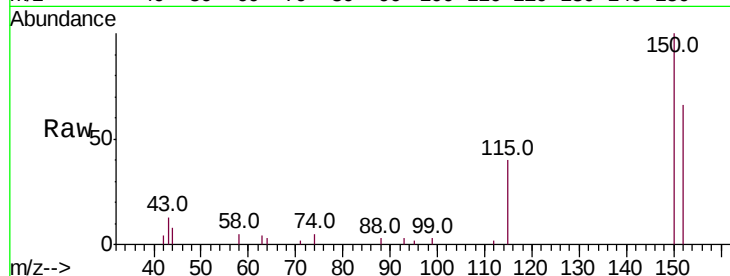
Tot Ion:152 Resp: 3254

Ion Ratio Lower Upper

152 100

150 152.2 121.8 182.6

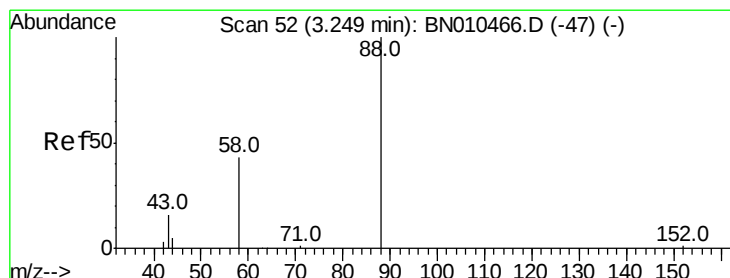
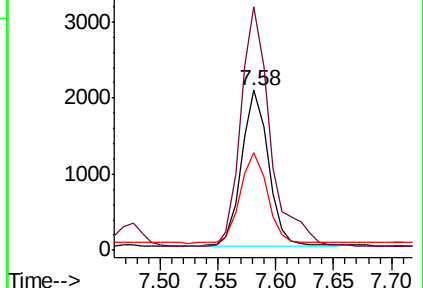
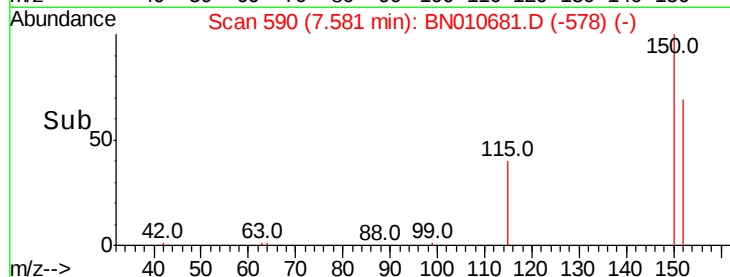
115 61.3 45.5 68.3



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: 0.345 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

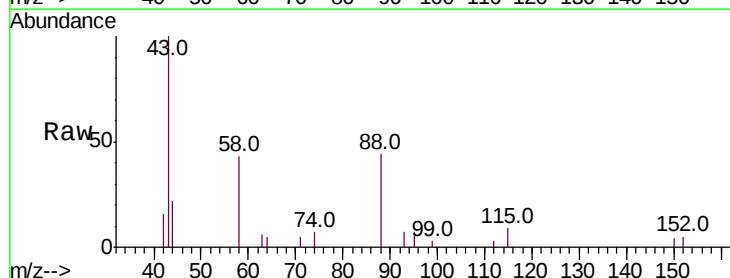
Tgt Ion: 88 Resp: 827

Ion Ratio Lower Upper

88 100

58 41.6 36.5 54.7

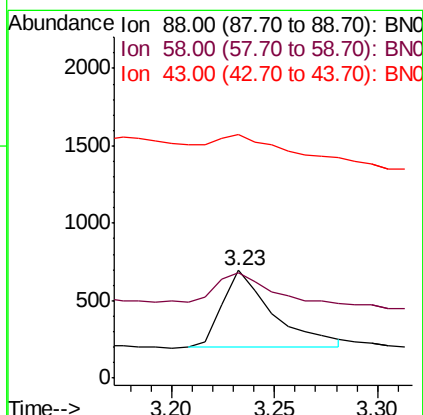
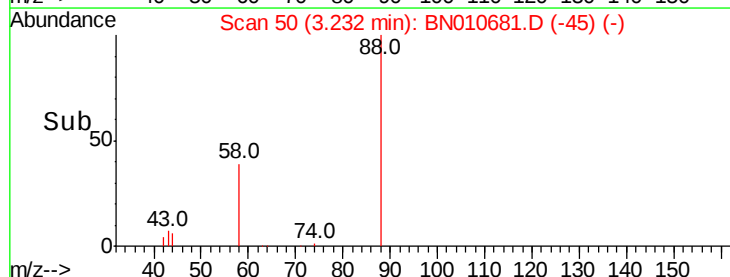
43 28.9 13.2 19.8#



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: 0.430 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

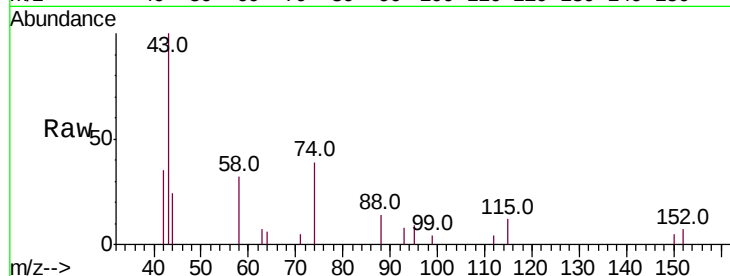
Tot Ion: 42 Resp: 668

Ion Ratio Lower Upper

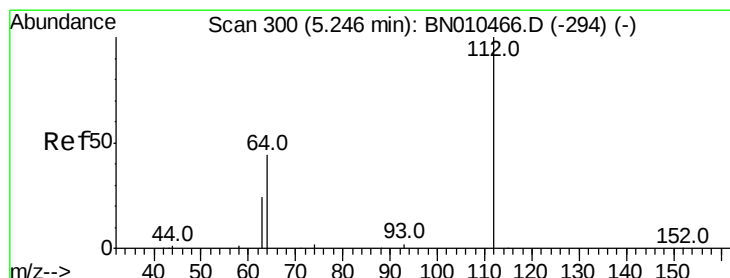
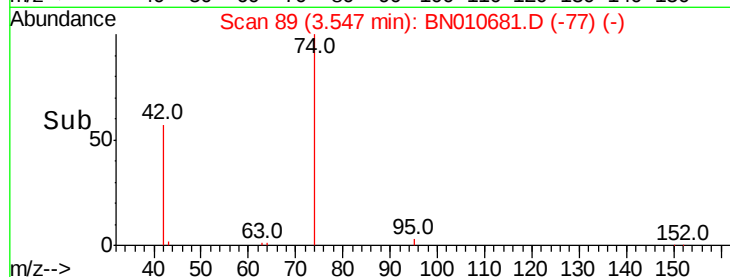
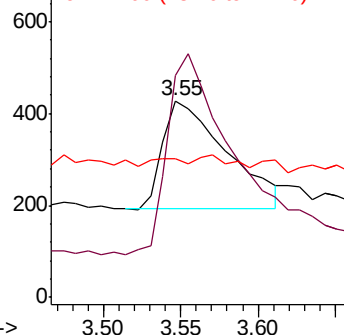
42 100

74 0.0 162.2 243.4#

44 4.0 2.4 3.6#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.345 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

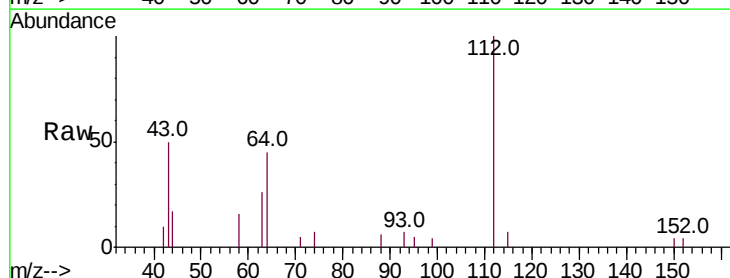
Tgt Ion: 112 Resp: 2459

Ion Ratio Lower Upper

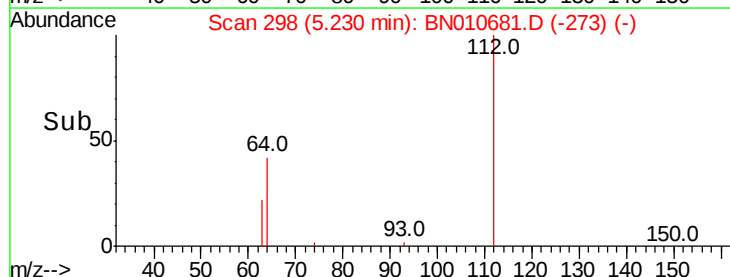
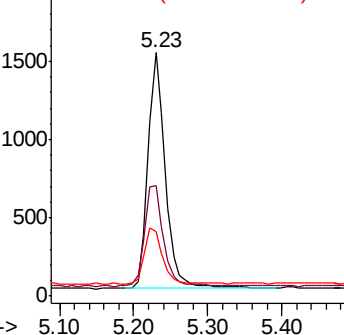
112 100

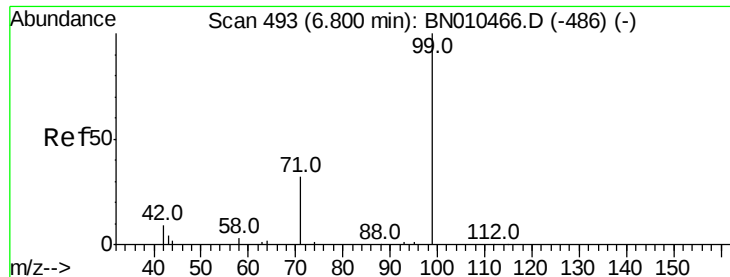
64 46.1 35.8 53.8

63 24.2 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.330 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

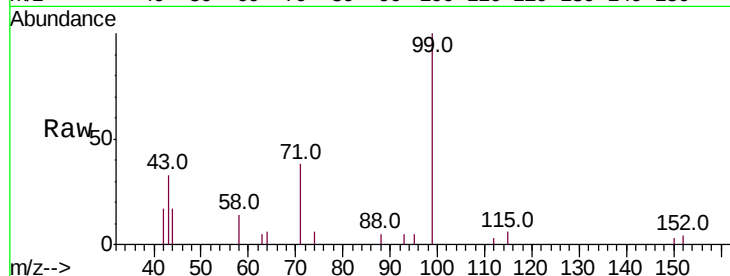
Tot Ion: 99 Resp: 3075

Ion Ratio Lower Upper

99 100

42 13.2 9.8 14.6

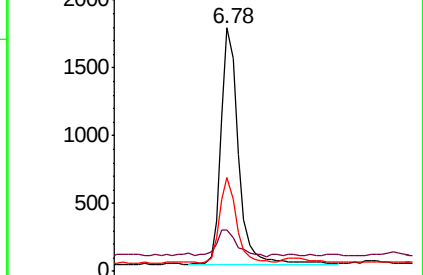
71 34.7 27.8 41.8



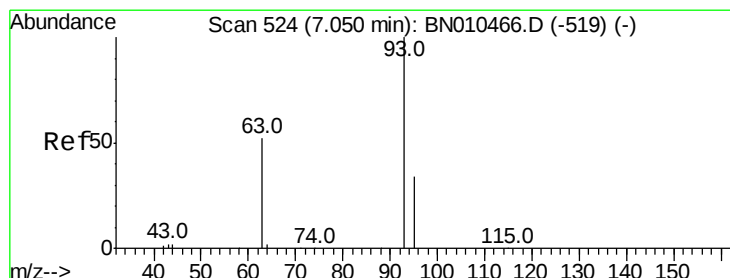
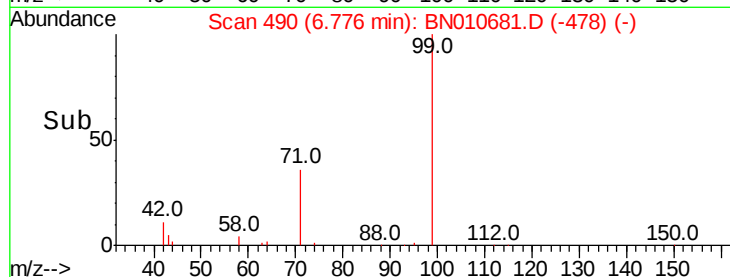
Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.444 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

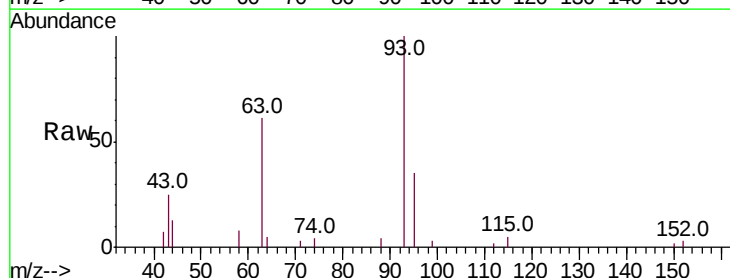
Tgt Ion: 93 Resp: 3583

Ion Ratio Lower Upper

93 100

63 57.3 44.6 66.8

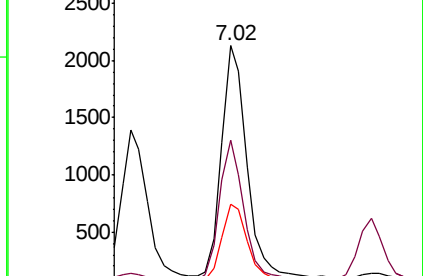
95 33.9 26.5 39.7



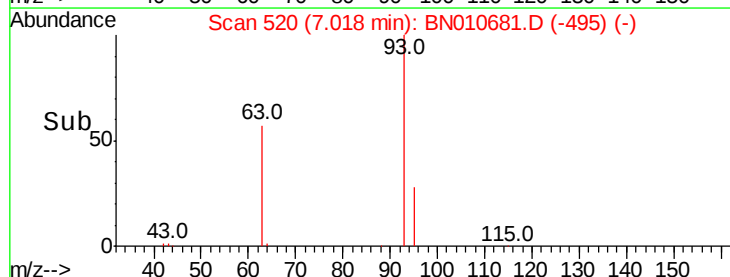
Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

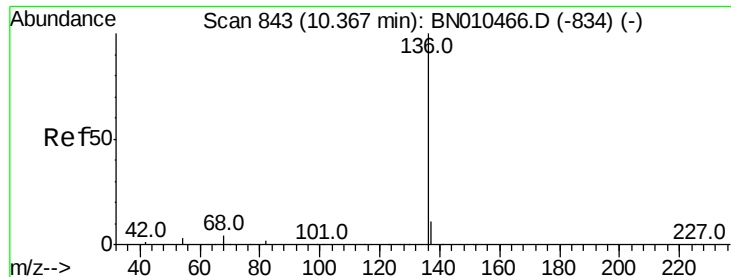
Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

Tot Ion:136 Resp: 13850

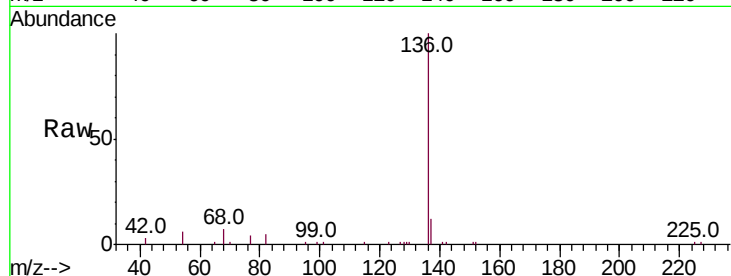
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 5.7 2.6 4.0#

68 6.7 3.4 5.2#

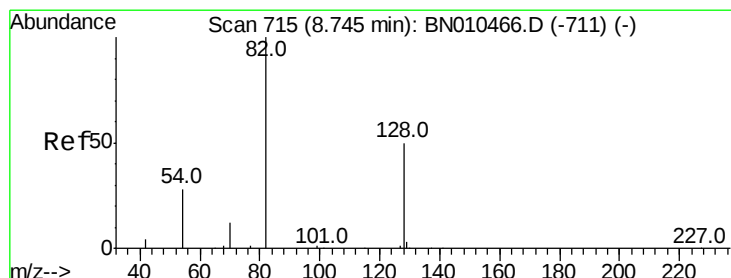
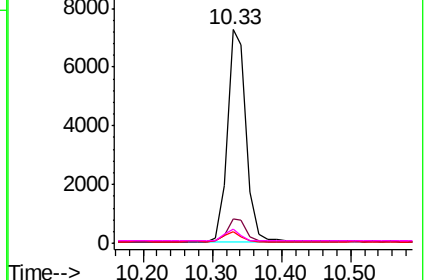
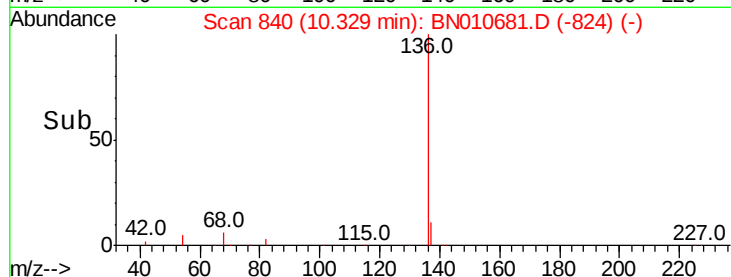


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.318 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

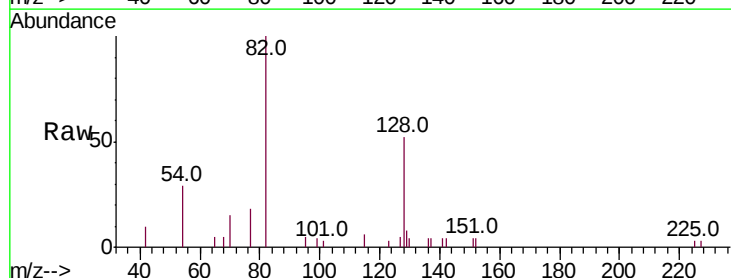
Tgt Ion: 82 Resp: 3083

Ion Ratio Lower Upper

82 100

128 51.8 41.3 61.9

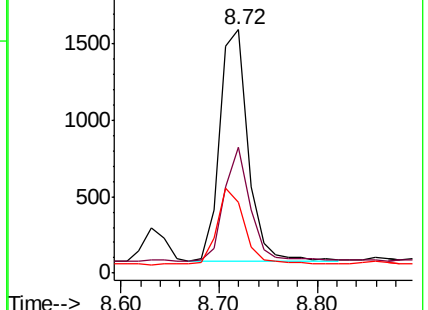
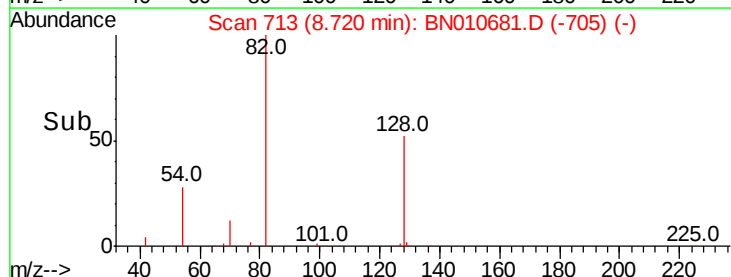
54 29.2 23.4 35.0

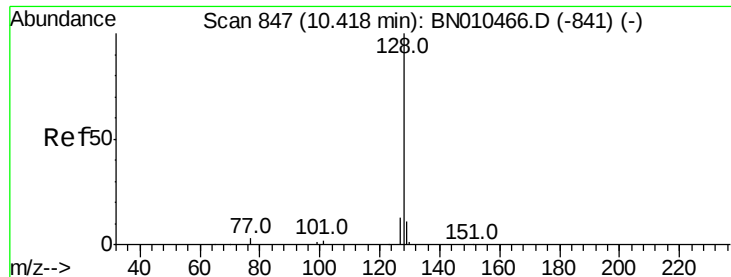


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.419 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

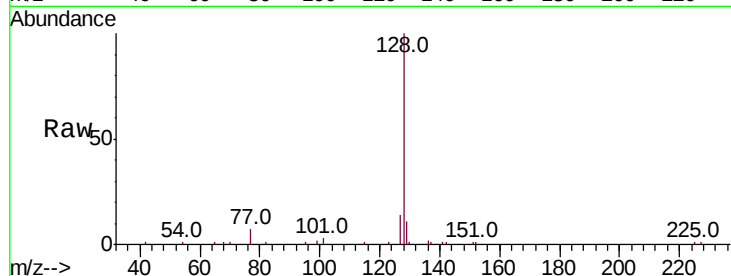
Tot Ion:128 Resp: 14425

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

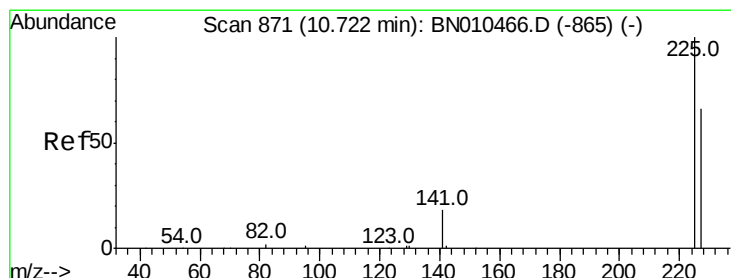
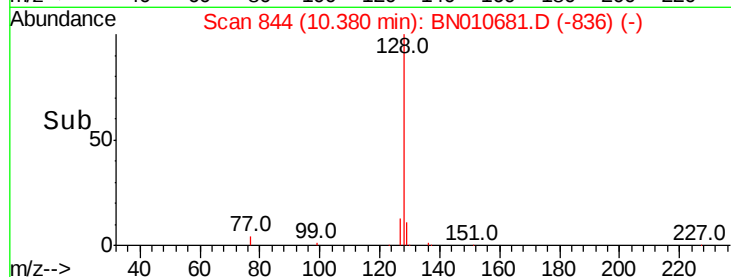
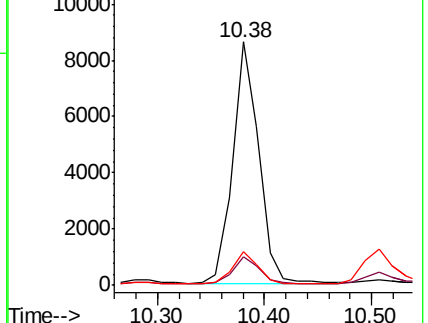
127 14.1 10.5 15.7



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: 0.370 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

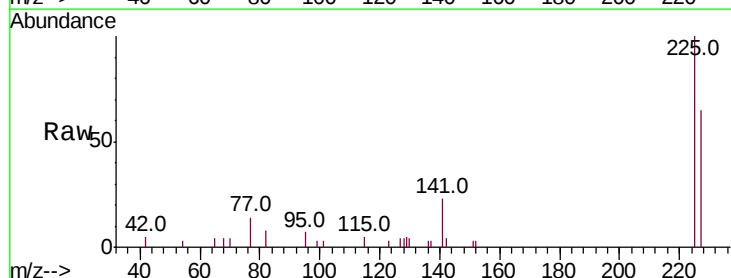
Tgt Ion:225 Resp: 3065

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

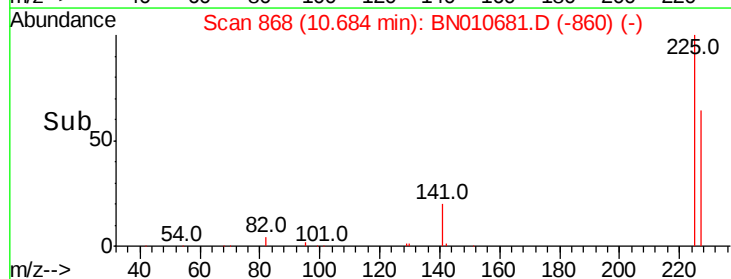
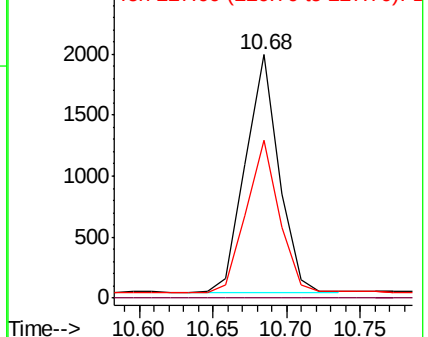
227 63.2 50.6 76.0

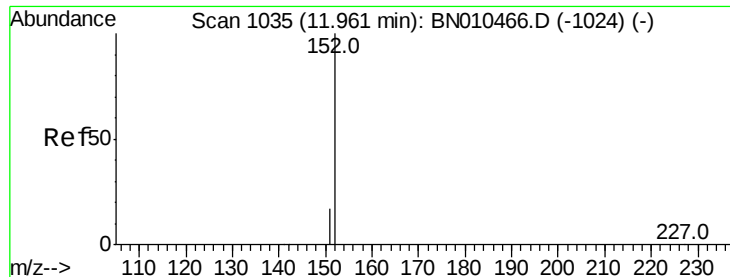


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

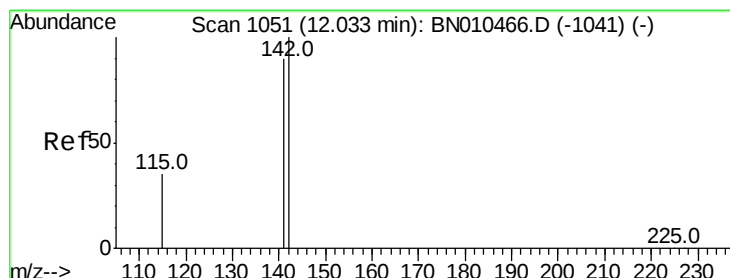
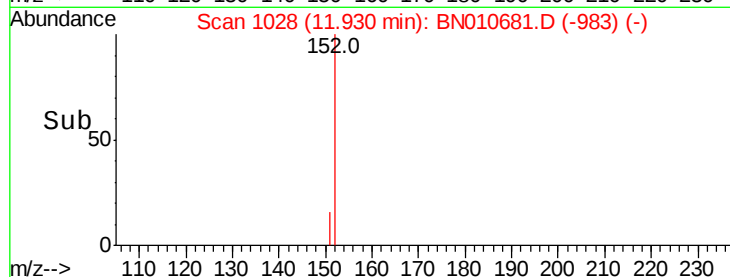
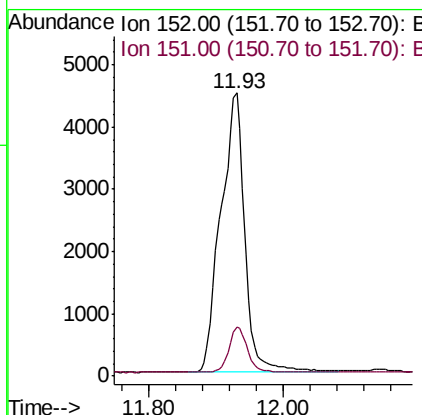
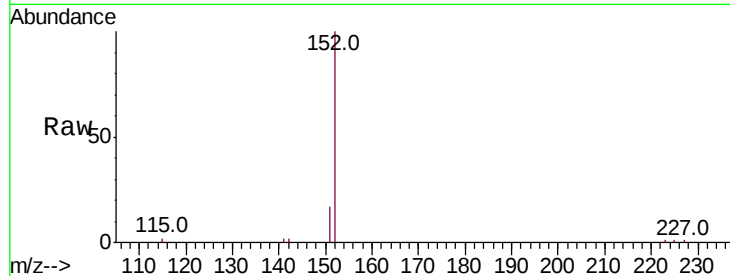




#11
 2-Methylnaphthalene-d10
 Concen: 0.491 ng
 RT: 11.93 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BN010681.D
 Acq: 30 Apr 2020 19:15

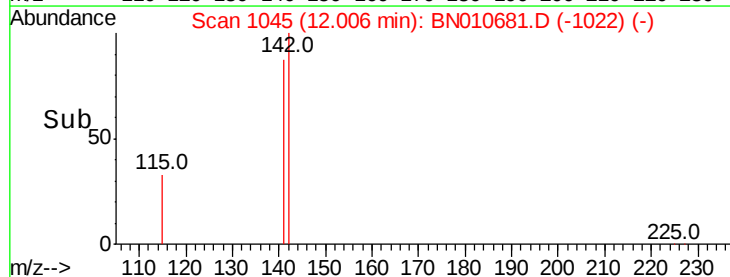
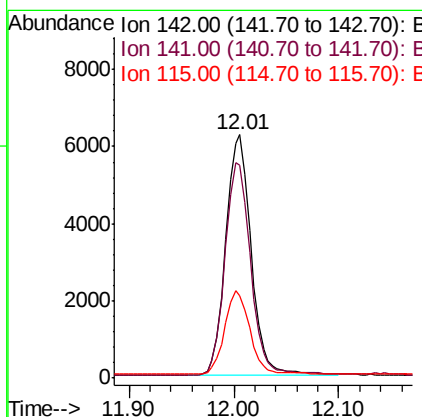
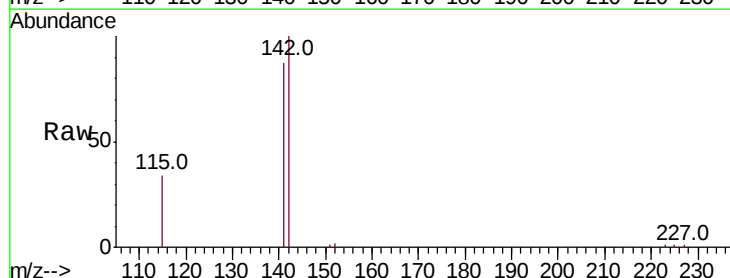
Instrument :
 BNA_N
 ClientSampleId :
 PB128575BSD

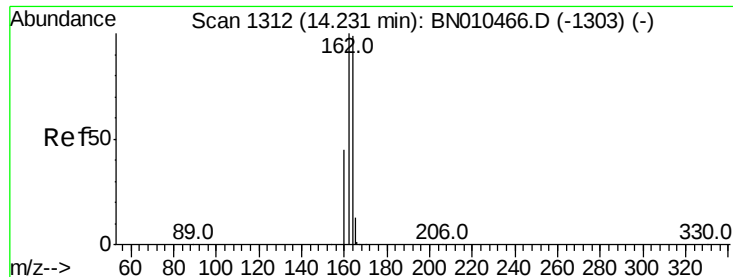
Tot Ion:152 Resp: 11183
 Ion Ratio Lower Upper
 152 100
 151 12.4 15.3 22.9#



#12
 2-Methylnaphthalene
 Concen: 0.427 ng
 RT: 12.01 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BN010681.D
 Acq: 30 Apr 2020 19:15

Tgt Ion:142 Resp: 10545
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.9 107.9
 115 34.0 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

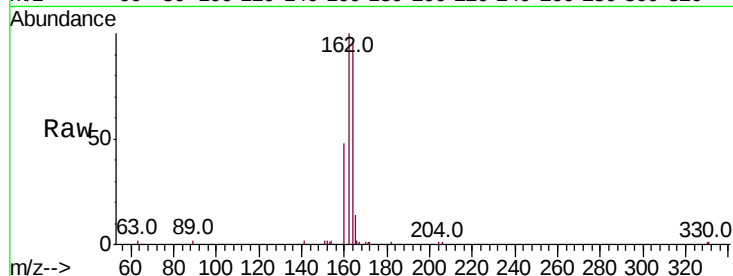
Tot Ion:164 Resp: 8998

Ion Ratio Lower Upper

164 100

162 104.2 80.6 121.0

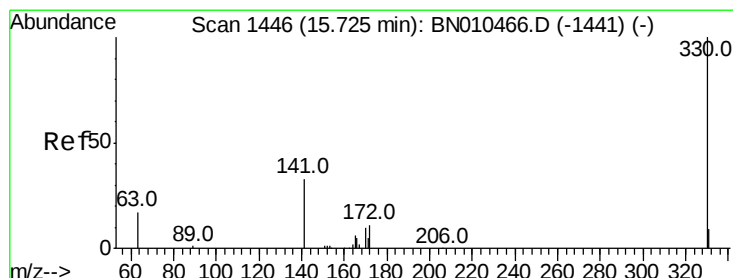
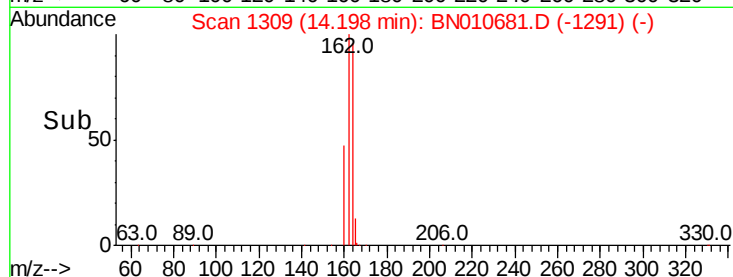
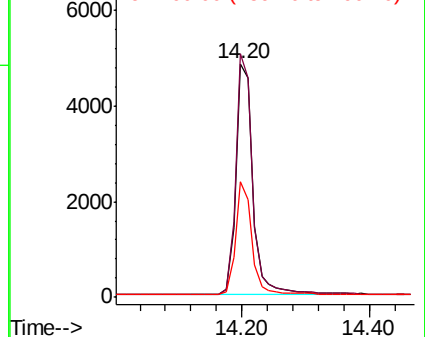
160 49.5 36.5 54.7



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: 0.243 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

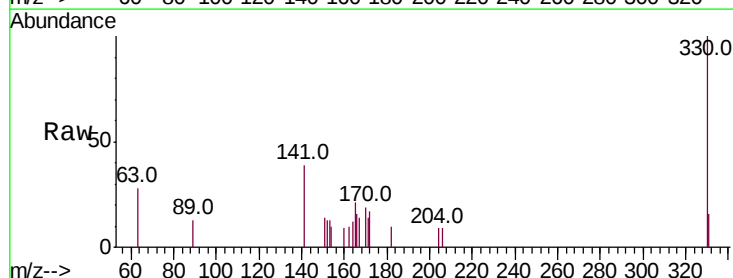
Tgt Ion:330 Resp: 1030

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

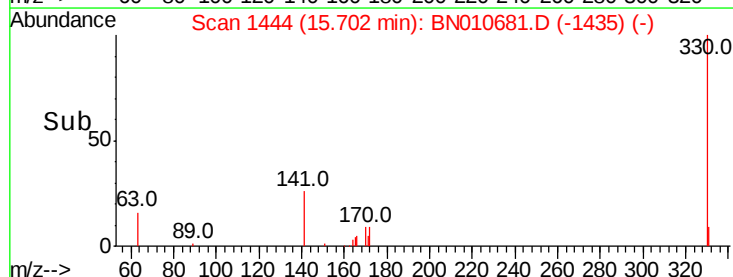
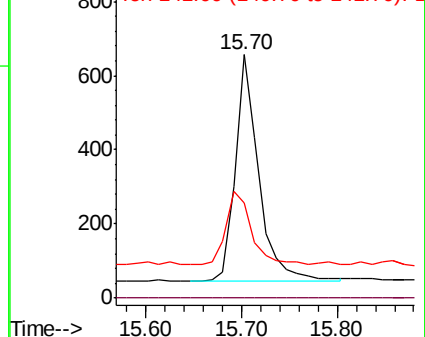
141 35.0 28.1 42.1

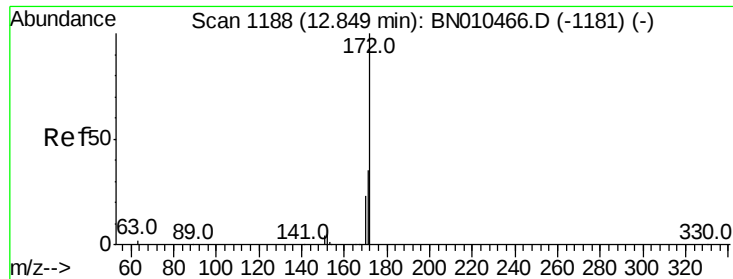


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

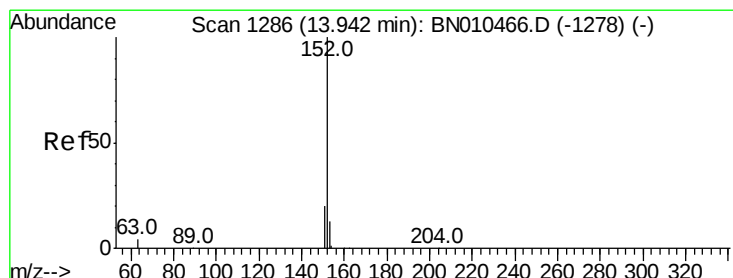
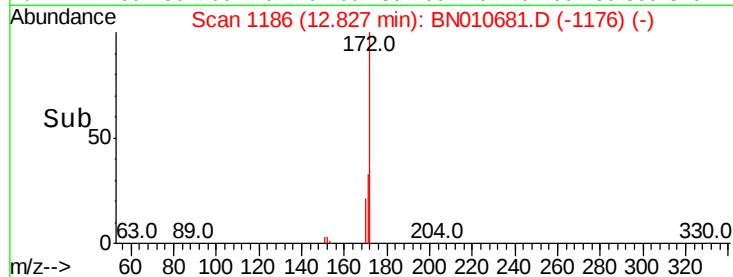
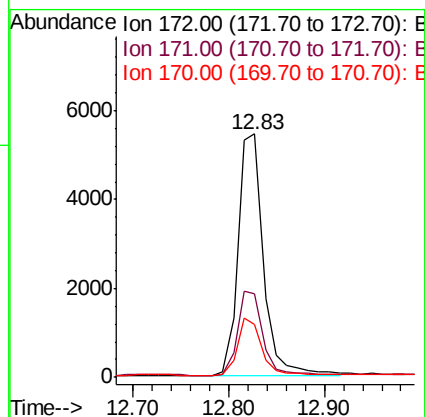
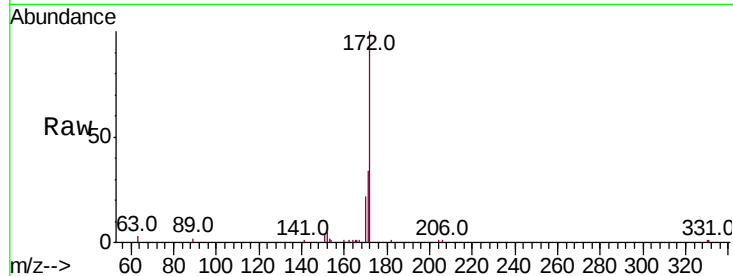




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BN010681.D
Acq: 30 Apr 2020 19:15

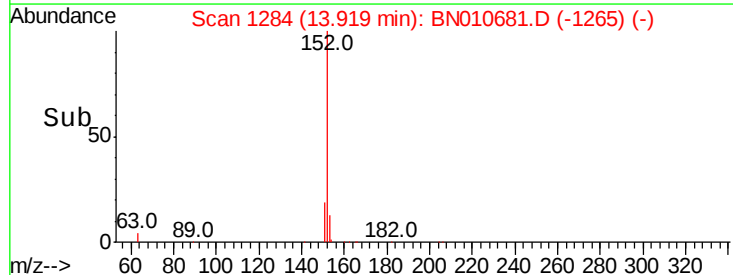
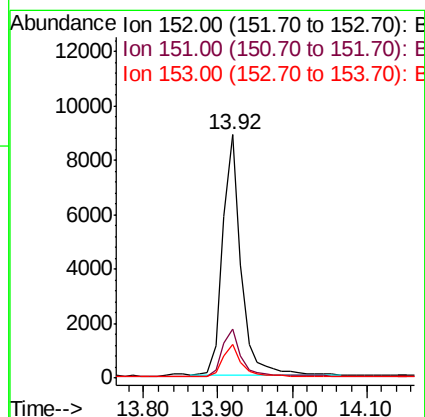
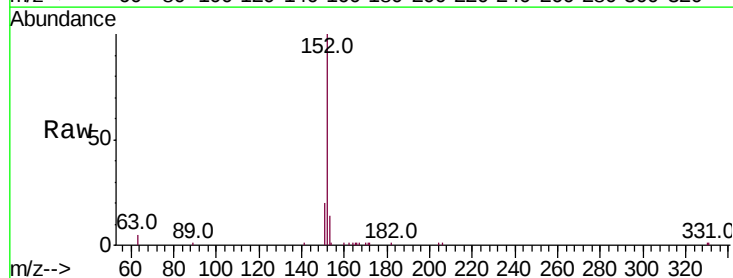
Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tot Ion:172 Resp: 9995
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 21.7 18.4 27.6



#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BN010681.D
Acq: 30 Apr 2020 19:15

Tgt Ion:152 Resp: 14950
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 13.4 10.6 15.8





#17

Acenaphthene

Concen: 0.412 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

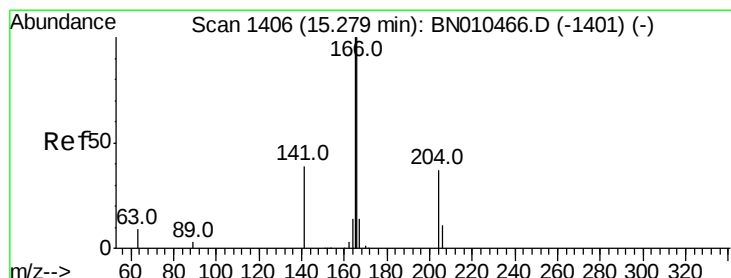
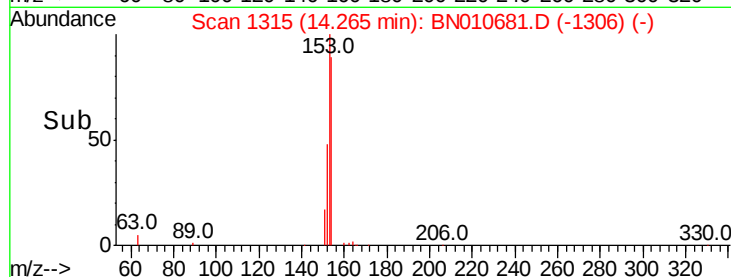
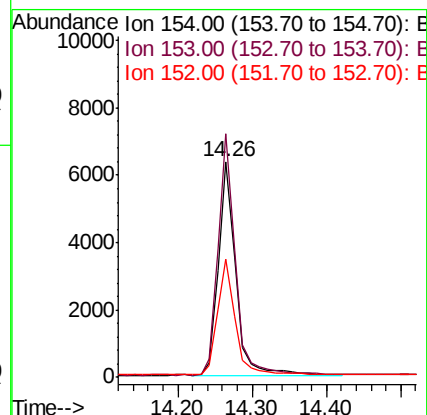
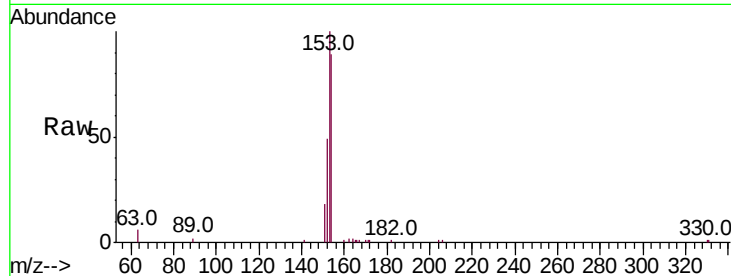
Tot Ion:154 Resp: 10289

Ion Ratio Lower Upper

154 100

153 112.3 91.0 136.4

152 54.7 44.6 67.0



#18

Fluorene

Concen: 0.411 ng

RT: 15.26 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

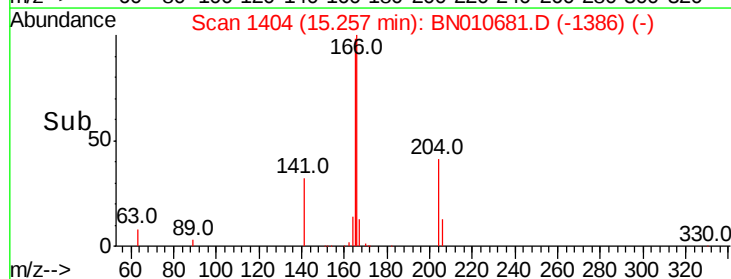
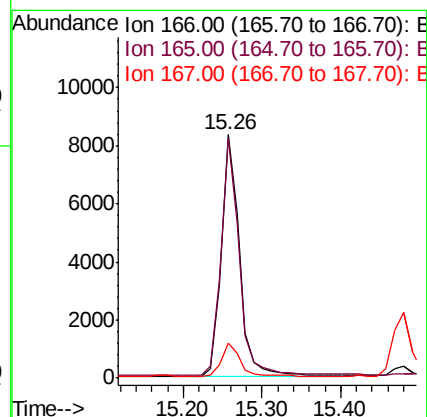
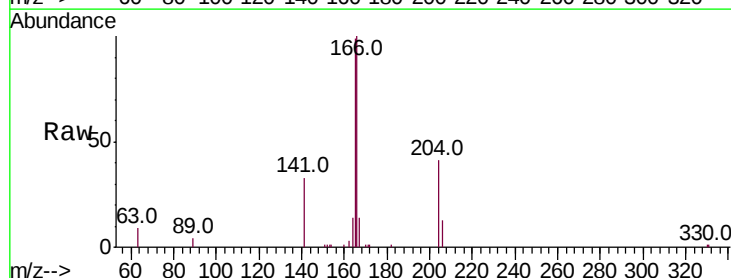
Tgt Ion:166 Resp: 13448

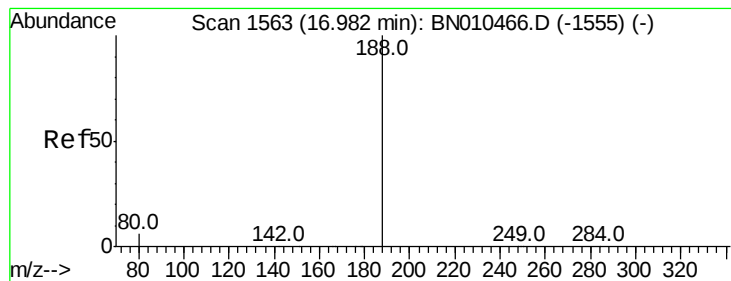
Ion Ratio Lower Upper

166 100

165 98.3 78.4 117.6

167 13.7 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

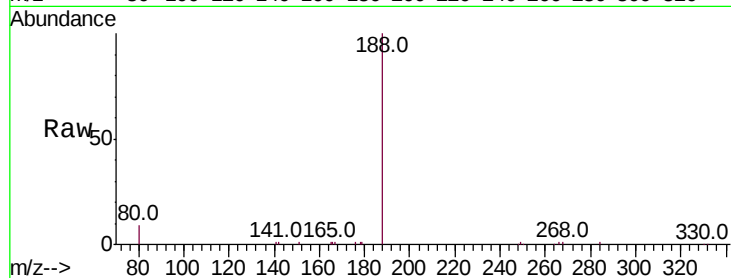
Tot Ion:188 Resp: 20706

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

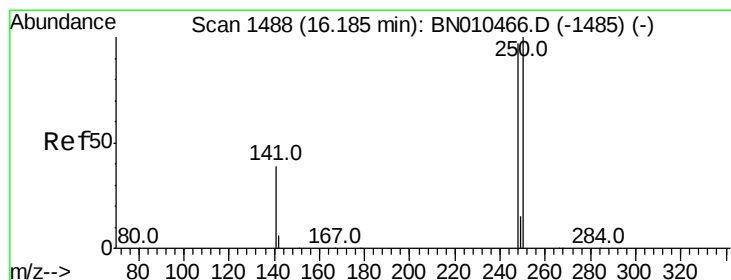
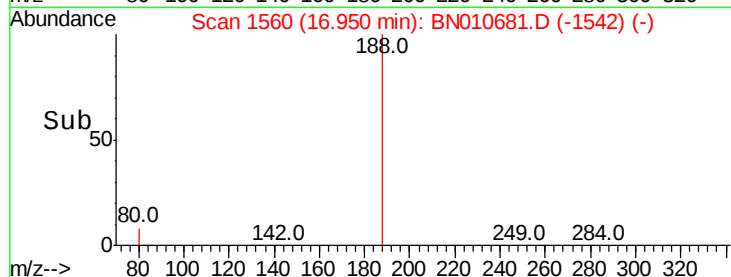
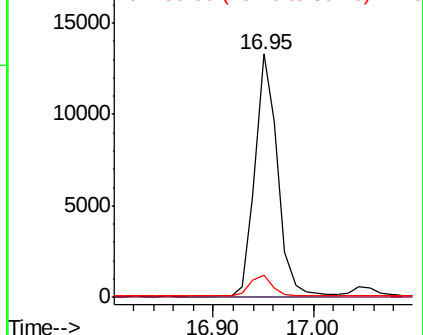
80 9.0 5.0 7.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.363 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

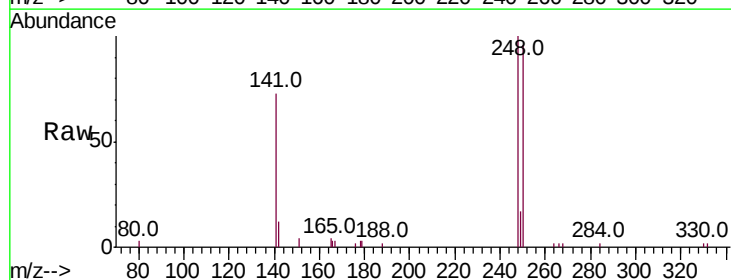
Tgt Ion:248 Resp: 4174

Ion Ratio Lower Upper

248 100

250 95.7 82.3 123.5

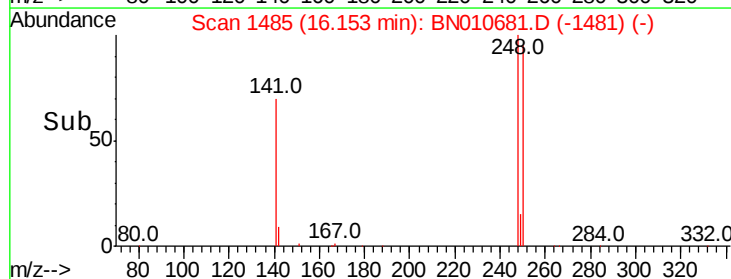
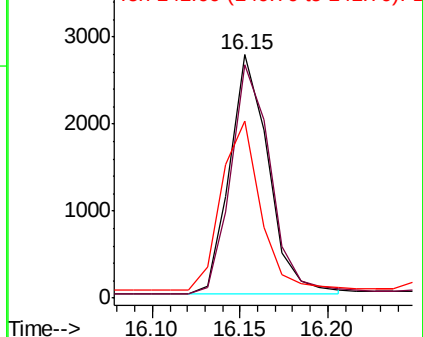
141 72.5 35.2 52.8#

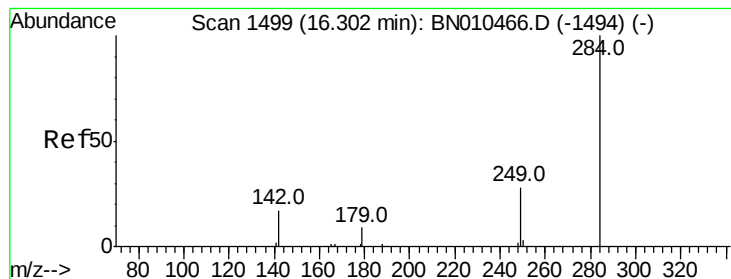


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.385 ng

RT: 16.27 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

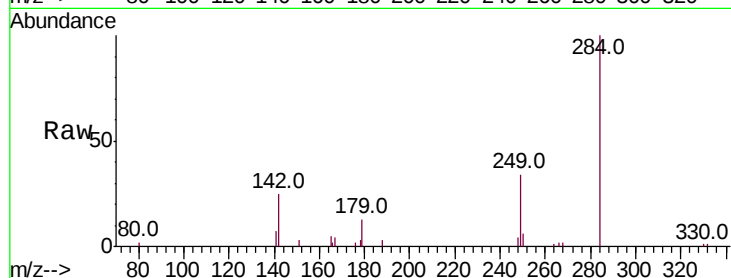
Tot Ion:284 Resp: 5056

Ion Ratio Lower Upper

284 100

142 32.4 25.5 38.3

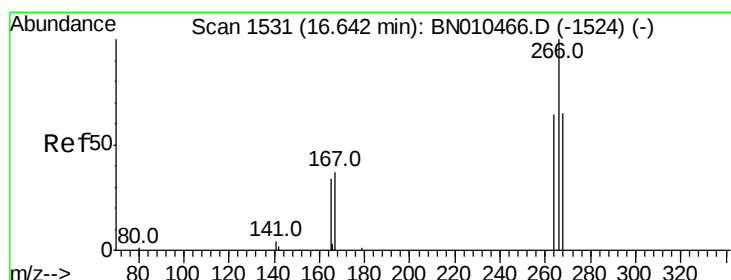
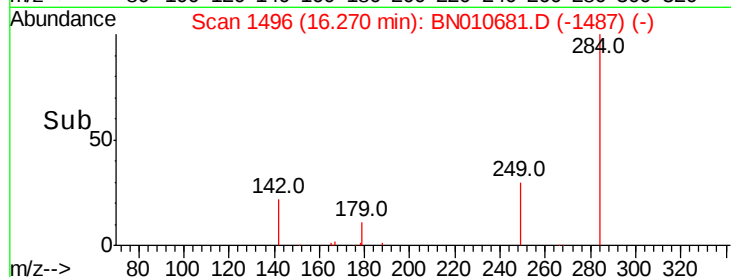
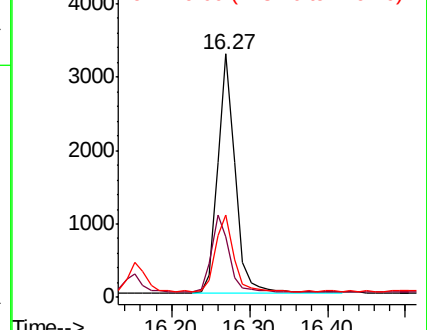
249 32.4 25.8 38.6



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: 0.929 ng

RT: 16.62 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

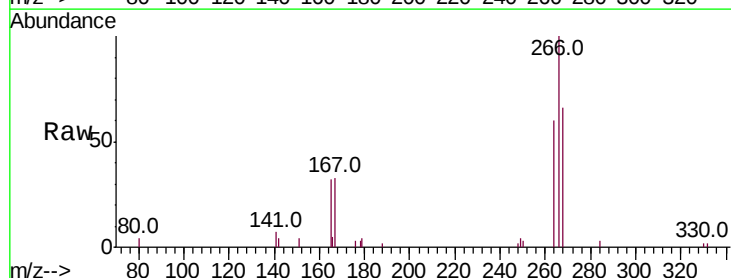
Tgt Ion:266 Resp: 4798

Ion Ratio Lower Upper

266 100

264 60.4 51.8 77.6

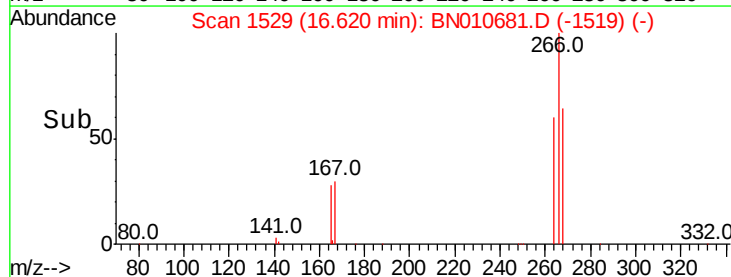
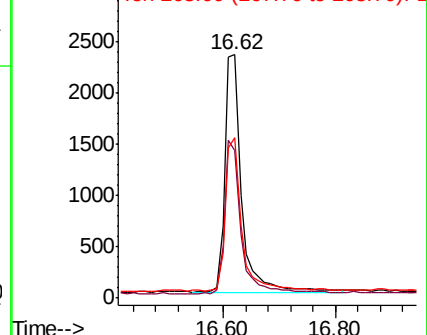
268 65.8 53.7 80.5



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: 0.396 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

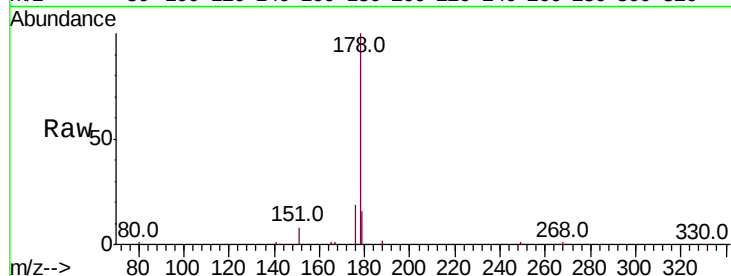
Tot Ion:178 Resp: 22159

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

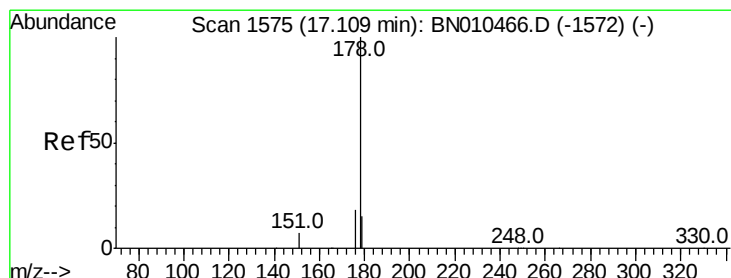
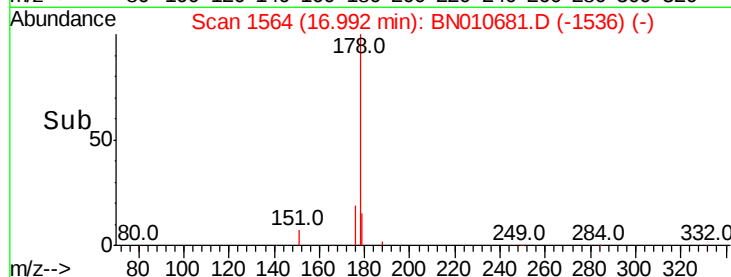
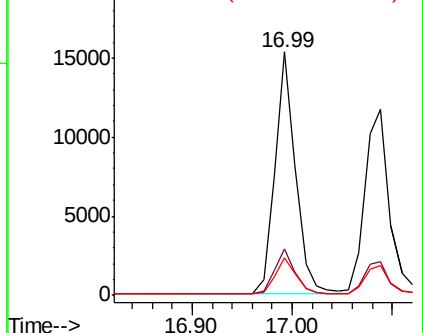
179 15.4 12.6 18.8



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: 0.390 ng

RT: 17.09 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

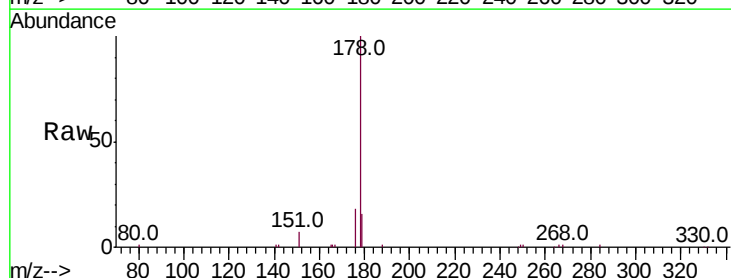
Tgt Ion:178 Resp: 19938

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

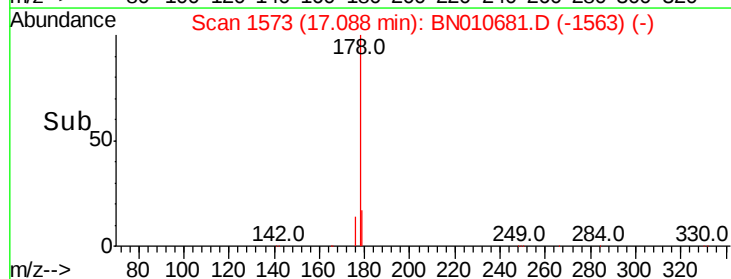
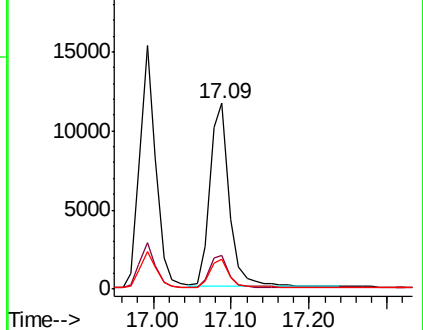
179 15.2 12.2 18.2

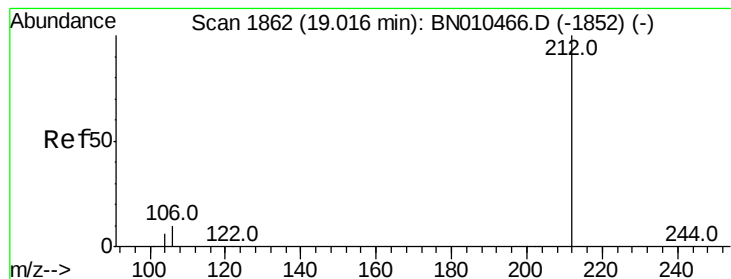


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.255 ng

RT: 18.99 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

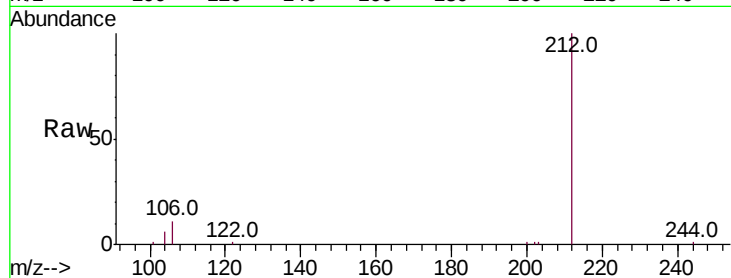
Tot Ion:212 Resp: 16020

Ion Ratio Lower Upper

212 100

106 10.6 7.8 11.6

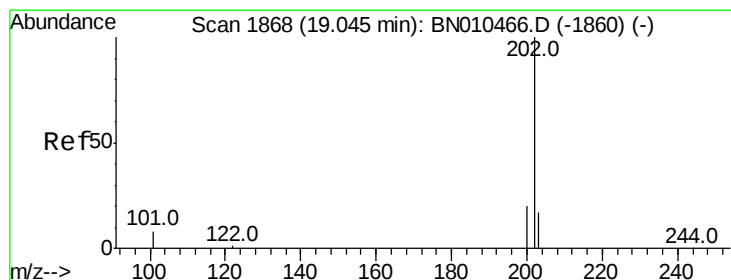
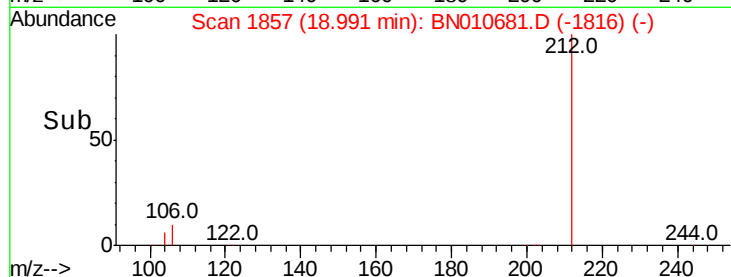
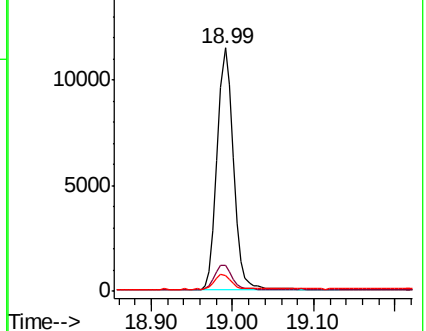
104 5.9 4.5 6.7



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: 0.361 ng

RT: 19.02 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

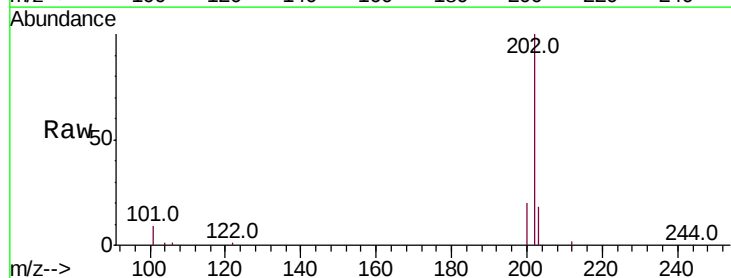
Tgt Ion:202 Resp: 25093

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

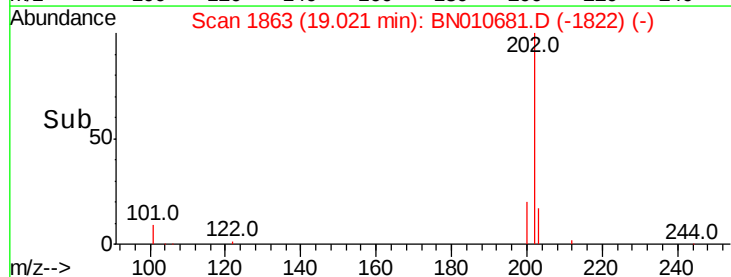
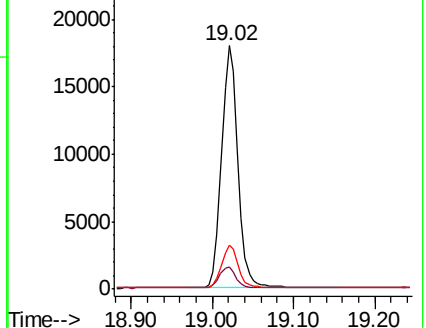
203 17.2 13.9 20.9



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: 21.17 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

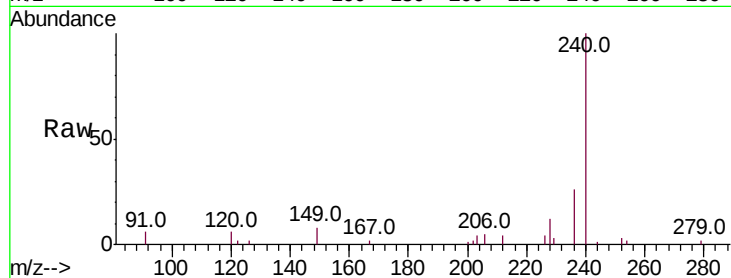
Tot Ion:240 Resp: 17950

Ion Ratio Lower Upper

240 100

120 6.4 4.8 7.2

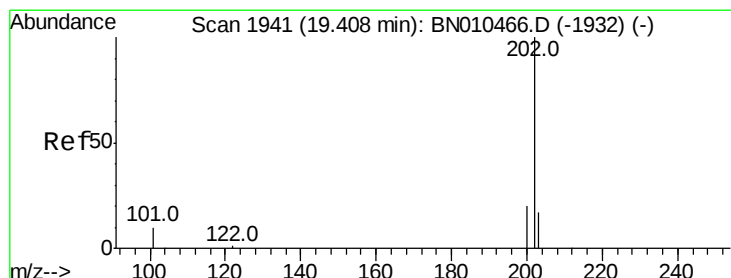
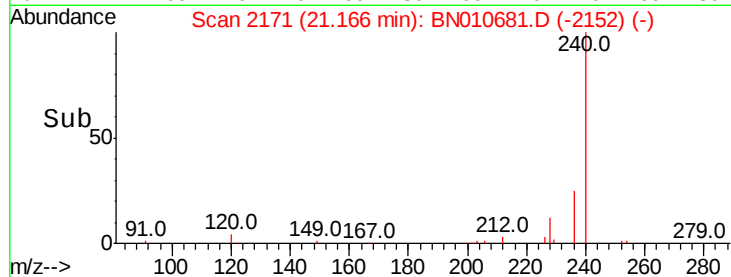
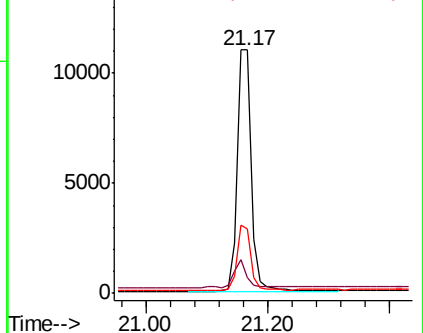
236 26.3 21.4 32.0



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: 0.422 ng

RT: 19.38 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

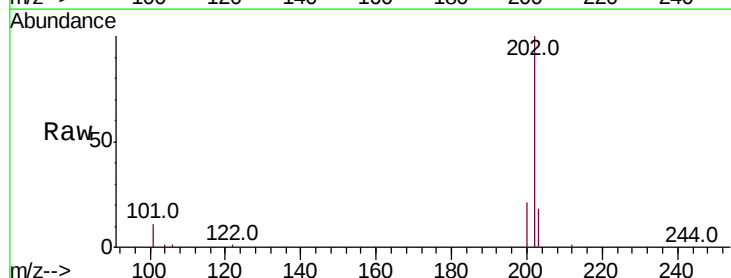
Tgt Ion:202 Resp: 25472

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

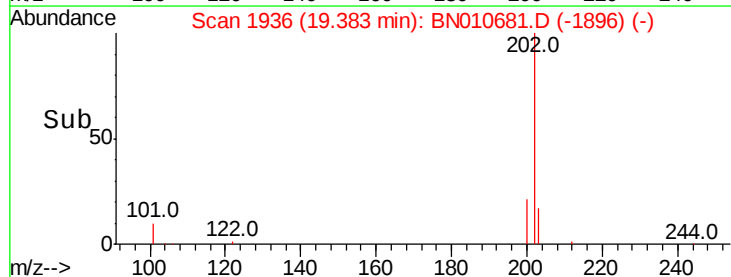
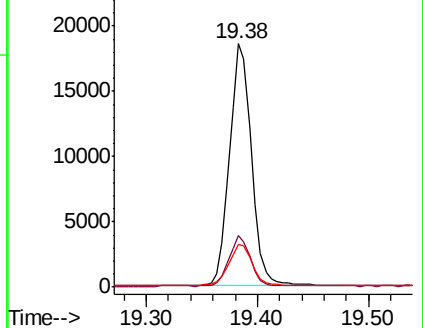
203 18.1 14.0 21.0

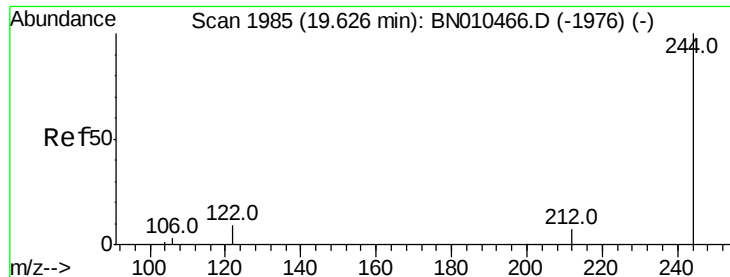


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.302 ng

RT: 19.60 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

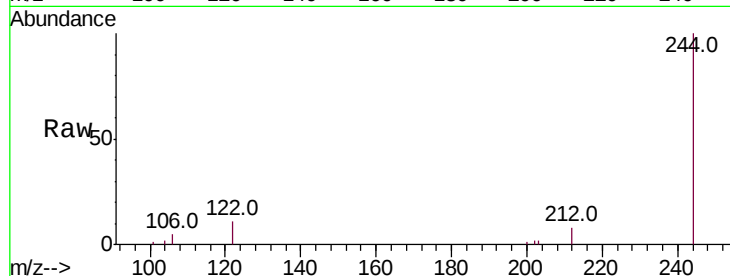
Tot Ion:244 Resp: 12420

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

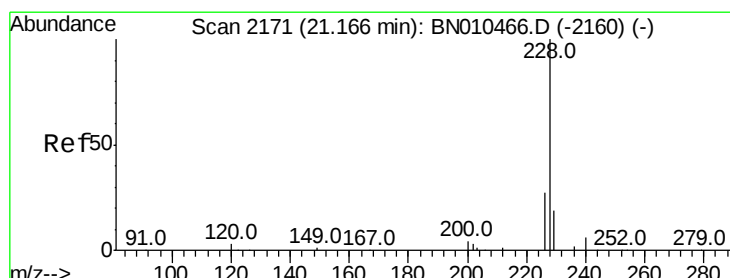
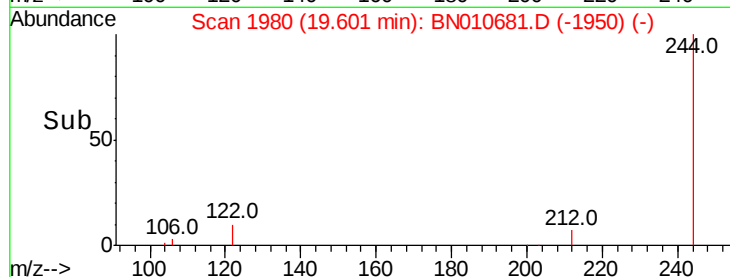
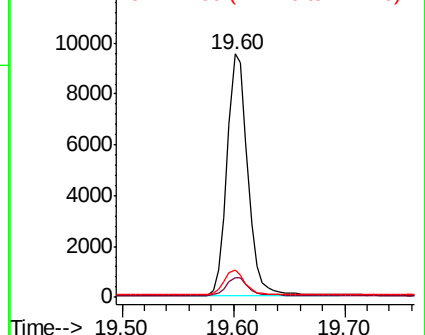
122 11.3 7.8 11.8



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: 0.343 ng

RT: 21.14 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

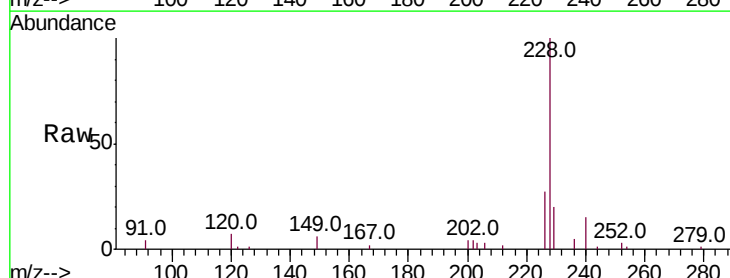
Tgt Ion:228 Resp: 20110

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

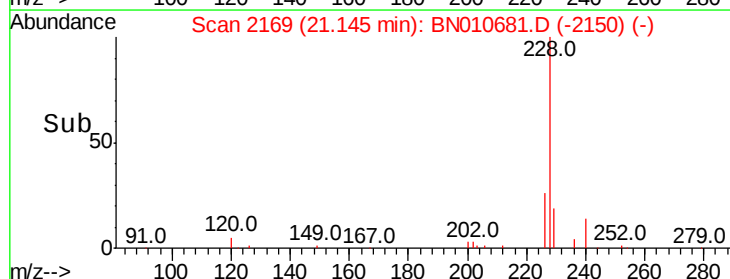
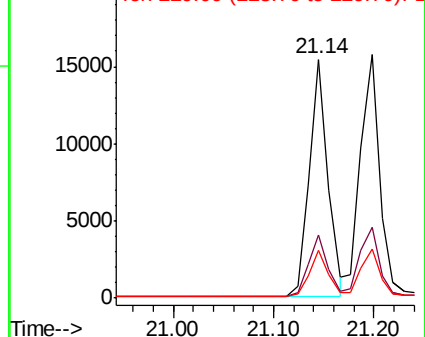
229 20.0 15.6 23.4

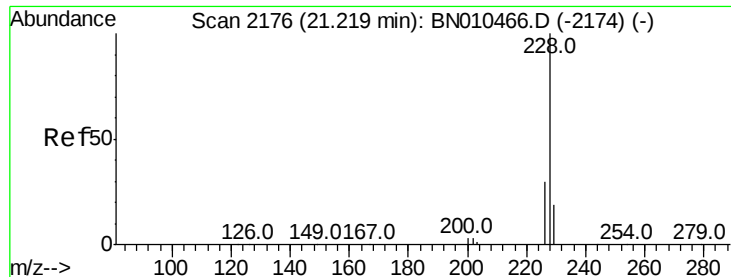


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.360 ng

RT: 21.20 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

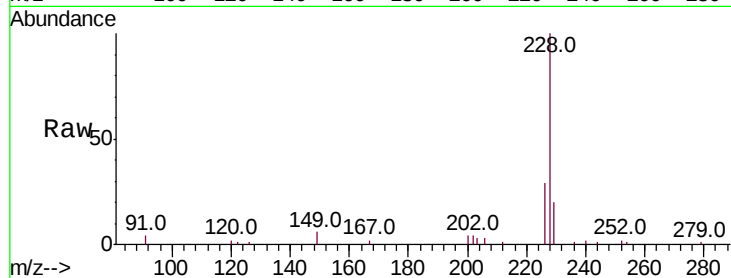
Tot Ion:228 Resp: 20988

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

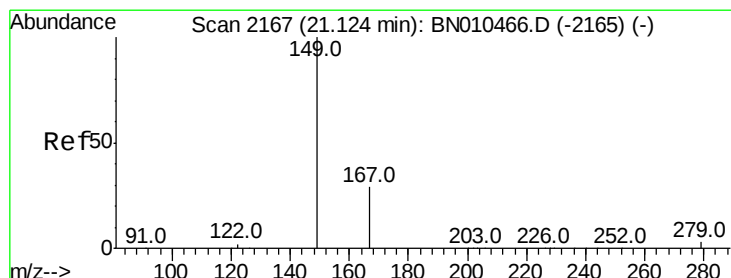
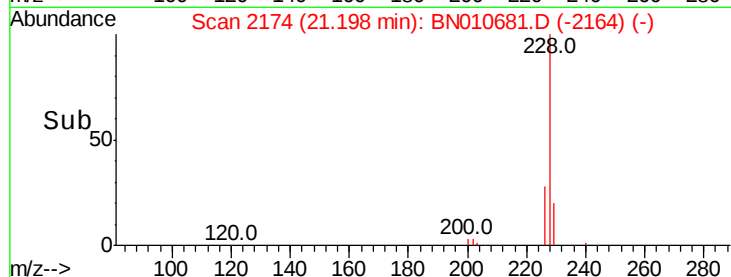
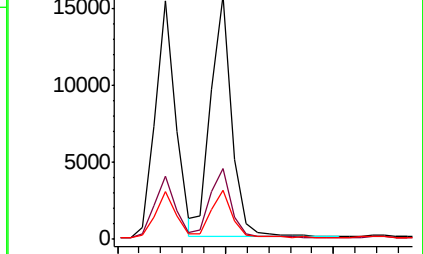
229 20.2 15.8 23.6



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: 0.395 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

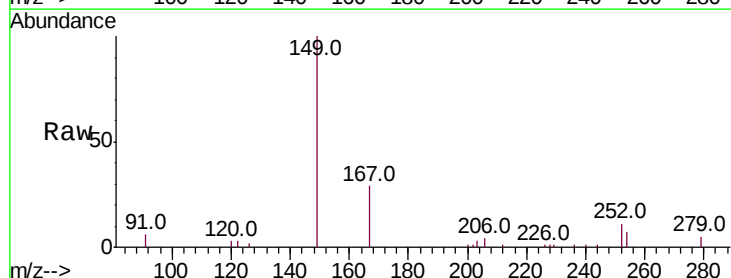
Tgt Ion:149 Resp: 11883

Ion Ratio Lower Upper

149 100

167 27.9 23.4 35.0

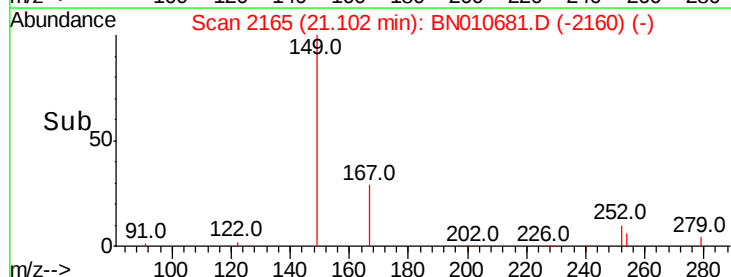
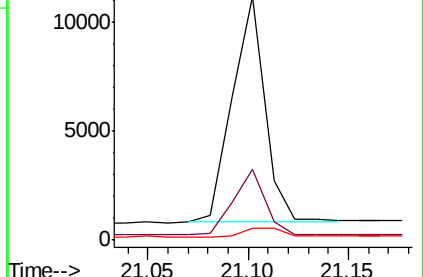
279 4.9 4.0 6.0

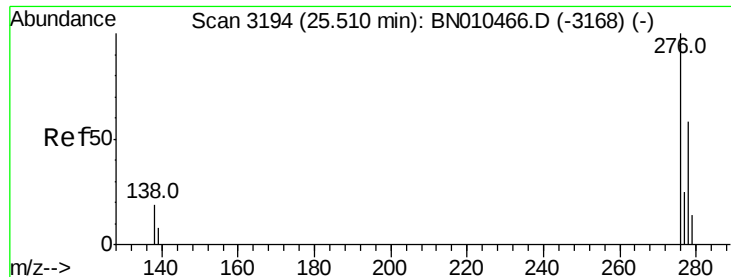


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.398 ng

RT: 25.46 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

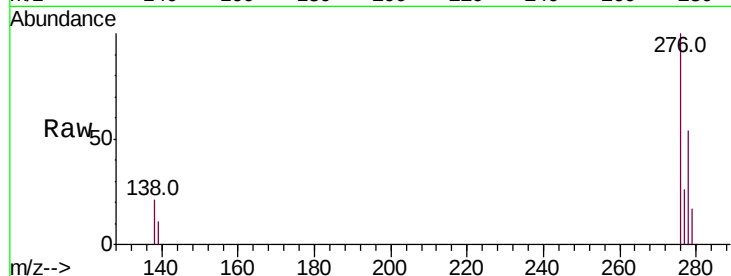
Tot Ion:276 Resp: 20543

Ion Ratio Lower Upper

276 100

138 21.4 16.4 24.6

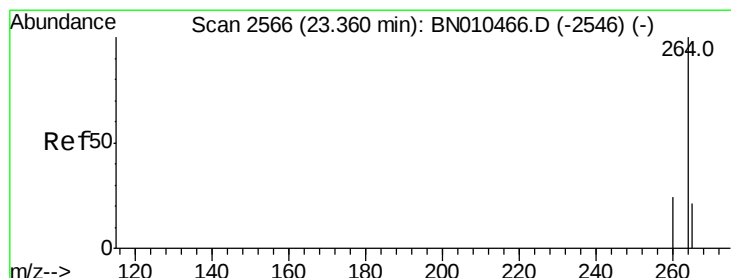
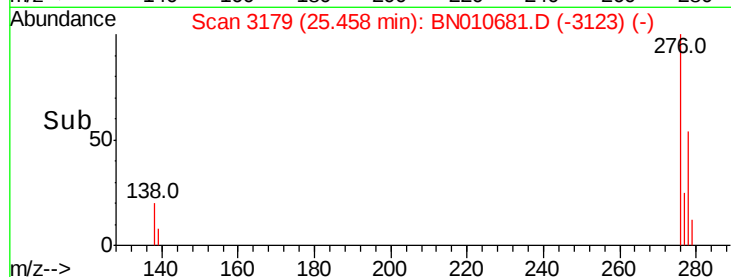
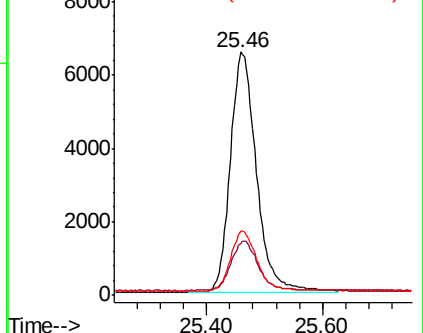
277 25.3 19.8 29.6



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: 23.33 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

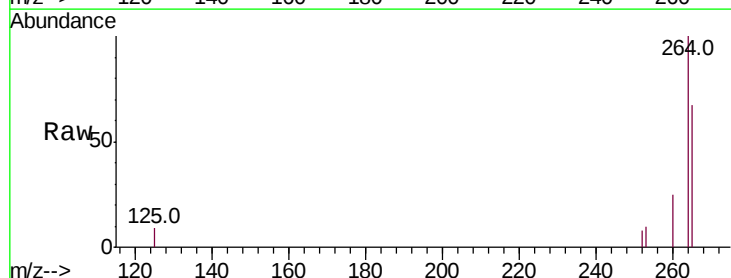
Tgt Ion:264 Resp: 16025

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

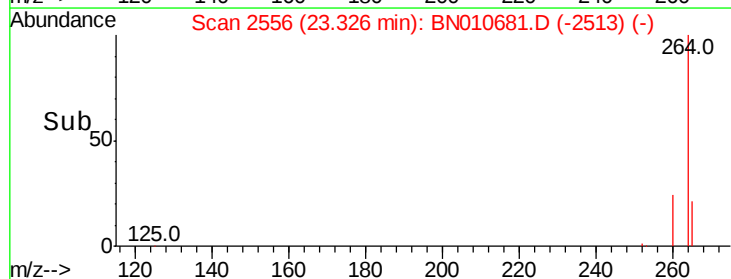
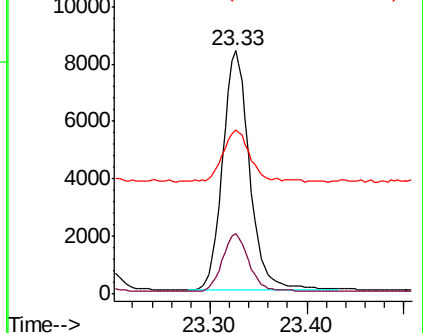
265 67.4 42.3 63.5#



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

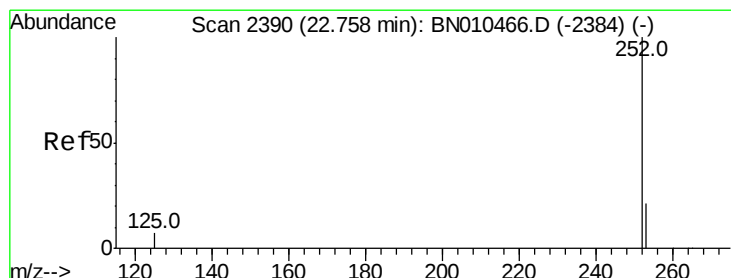
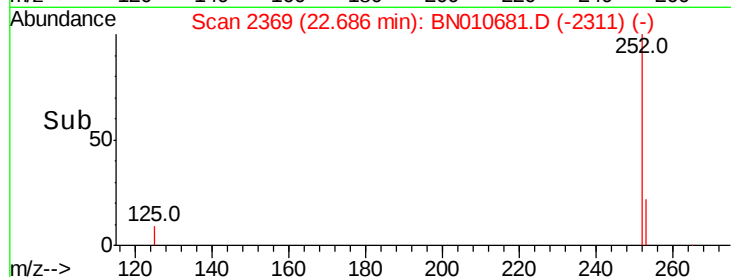
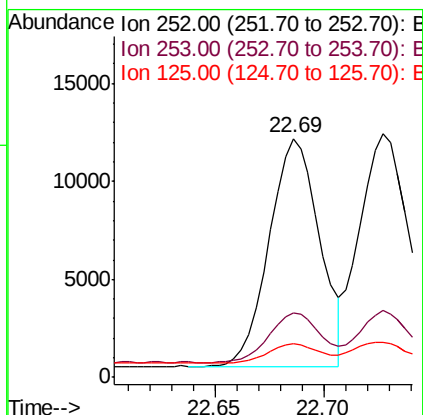
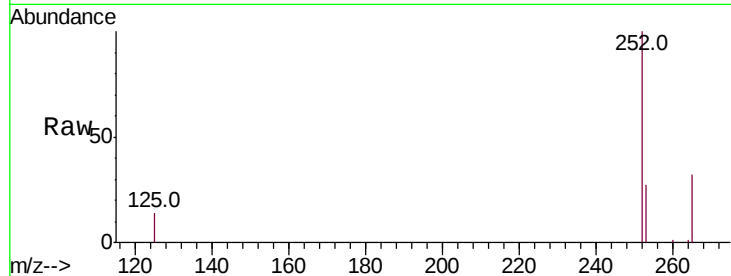




#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.69 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BN010681.D
Acq: 30 Apr 2020 19:15

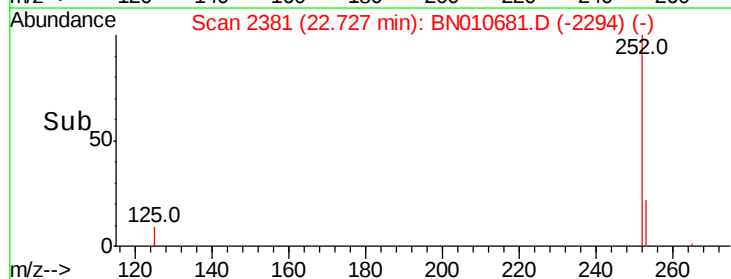
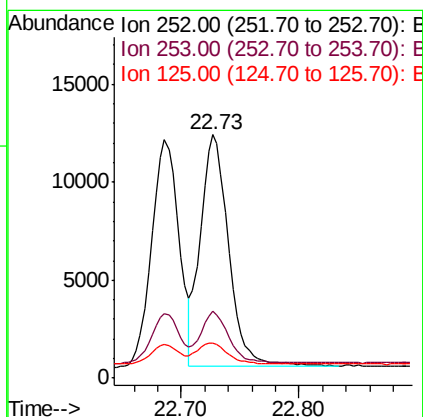
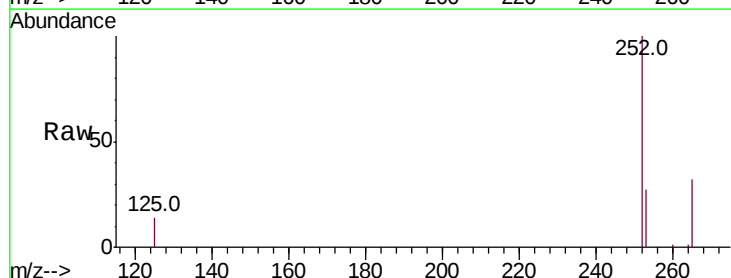
Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tot Ion:252 Resp: 18764
Ion Ratio Lower Upper
252 100
253 26.9 20.2 30.4
125 14.1 9.2 13.8#



#36
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 22.73 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BN010681.D
Acq: 30 Apr 2020 19:15

Tgt Ion:252 Resp: 19746
Ion Ratio Lower Upper
252 100
253 27.4 20.1 30.1
125 14.1 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

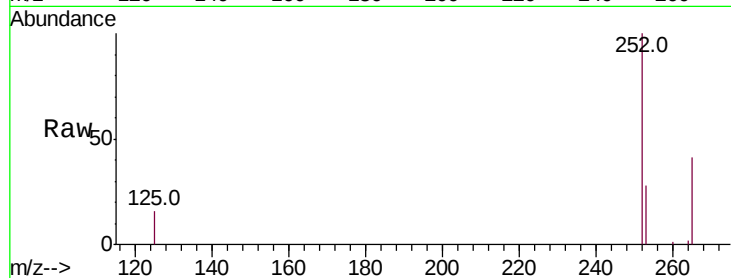
Tot Ion:252 Resp: 17522

Ion Ratio Lower Upper

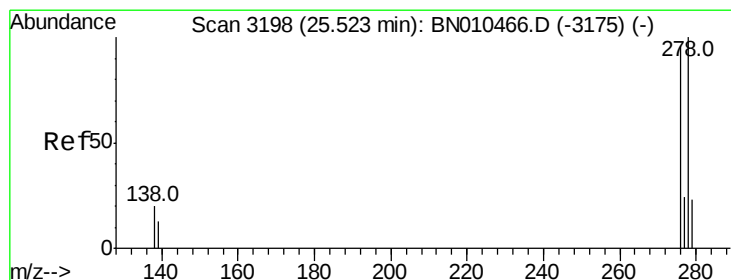
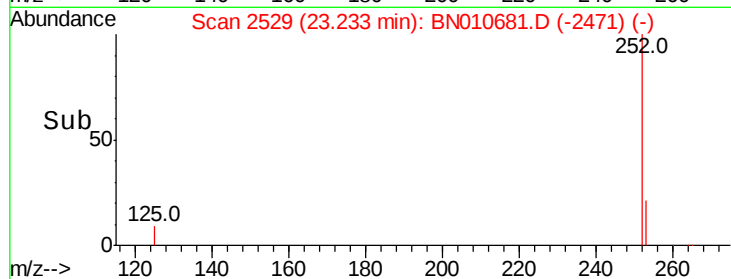
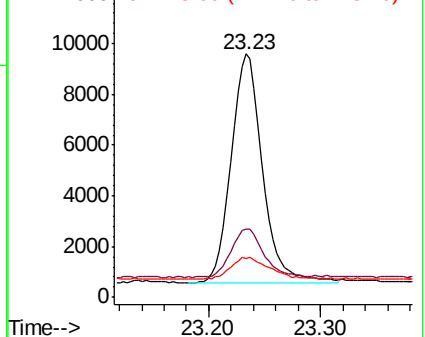
252 100

253 28.1 21.8 32.8

125 16.1 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: 0.397 ng

RT: 25.48 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

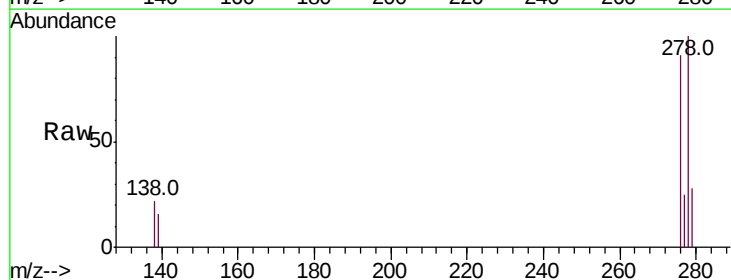
Tgt Ion:278 Resp: 16960

Ion Ratio Lower Upper

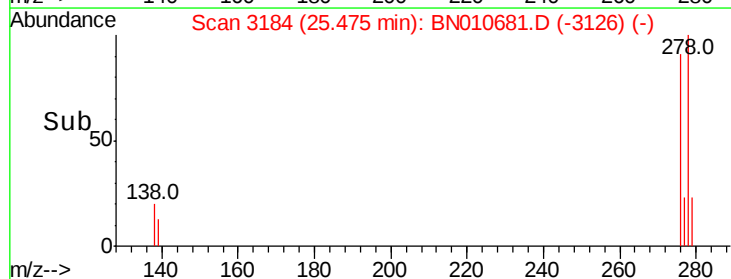
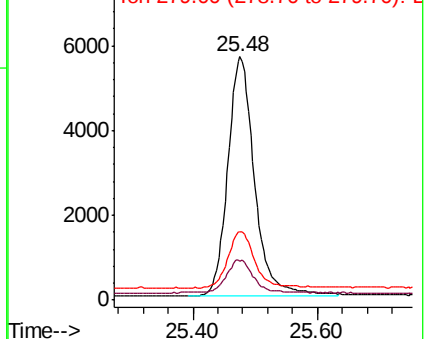
278 100

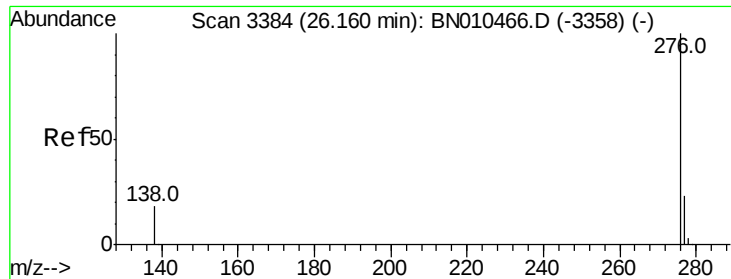
139 16.0 12.3 18.5

279 28.1 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: 0.414 ng

RT: 26.10 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BN010681.D

Acq: 30 Apr 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

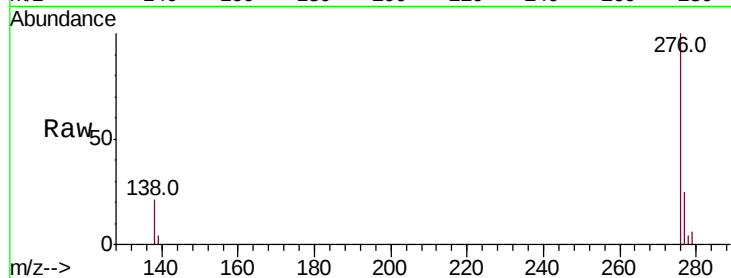
Tot Ion:276 Resp: 17798

Ion Ratio Lower Upper

276 100

277 25.2 20.2 30.2

138 20.7 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

