

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010313.D
 Acq On : 20 Mar 2020 21:31
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

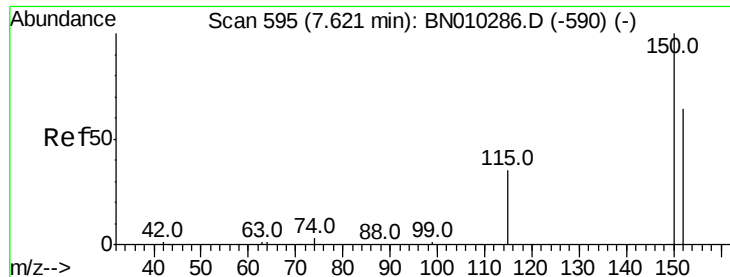
Quant Time: Mar 20 22:50:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3928	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13367	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	7910	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18666	0.40	ng	0.00
27) Chrysene-d12	21.19	240	19855	0.40	ng	0.00
34) Perylene-d12	23.36	264	19931	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3031	0.39	ng	0.00
5) Phenol-d6	6.80	99	3839	0.40	ng	0.00
8) Nitrobenzene-d5	8.74	82	3276	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8274	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1074	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	12482	0.41	ng	0.00
25) Fluoranthene-d10	19.02	212	21274	0.38	ng	0.00
29) Terphenyl-d14	19.63	244	17283	0.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	1449	0.393	ng	96
3) n-Nitrosodimethylamine	3.57	42	814	0.261	ng	# 93
6) bis(2-Chloroethyl)ether	7.06	93	3726	0.401	ng	99
9) Naphthalene	10.43	128	13368	0.401	ng	99
10) Hexachlorobutadiene	10.73	225	3358	0.416	ng	# 98
12) 2-Methylnaphthalene	12.05	142	9109	0.394	ng	99
16) Acenaphthylene	13.96	152	11482	0.370	ng	99
17) Acenaphthene	14.30	154	8509	0.385	ng	96
18) Fluorene	15.29	166	11492	0.391	ng	100
20) 4-Bromophenyl-phenylether	16.19	248	4423	0.391	ng	96
21) Hexachlorobenzene	16.31	284	4765	0.410	ng	99
22) Pentachlorophenol	16.65	266	1340	0.337	ng	96
23) Phenanthrene	17.03	178	20276	0.395	ng	100
24) Anthracene	17.11	178	16219	0.370	ng	100
26) Fluoranthene	19.05	202	24438	0.389	ng	99
28) Pyrene	19.42	202	24276	0.393	ng	100
30) Benzo(a)anthracene	21.16	228	23560	0.373	ng	98
31) Chrysene	21.22	228	27547	0.406	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	6175	0.289	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	29841	0.411	ng	99
35) Benzo(b)fluoranthene	22.71	252	25612	0.378	ng	100
36) Benzo(k)fluoranthene	22.76	252	27433	0.398	ng	98
37) Benzo(a)pyrene	23.27	252	21229	0.372	ng	99
38) Dibenzo(a,h)anthracene	25.52	278	24551	0.397	ng	99
39) Benzo(g,h,i)perylene	26.15	276	24116	0.388	ng	99

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

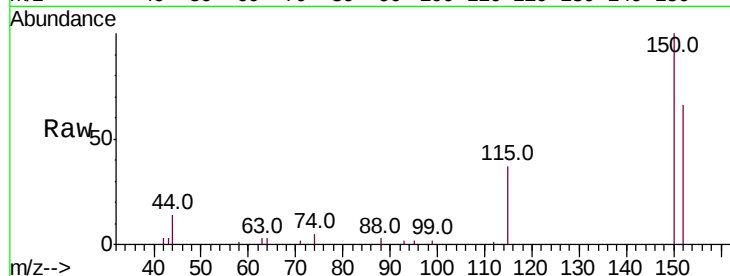


#1

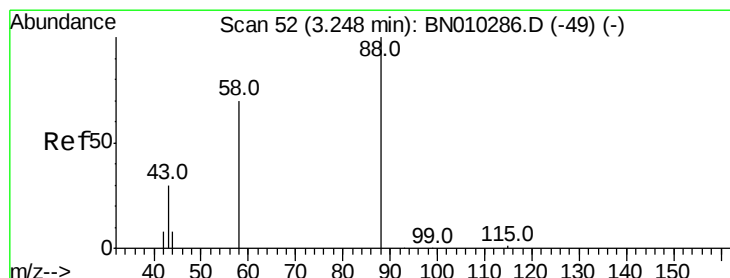
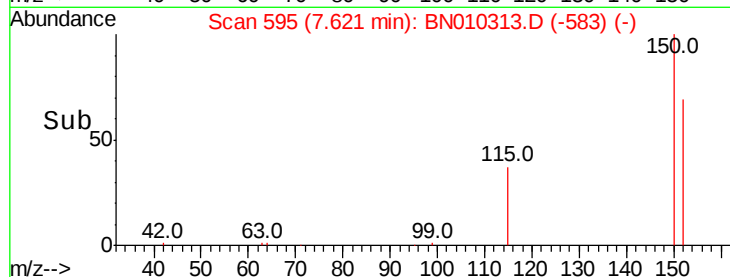
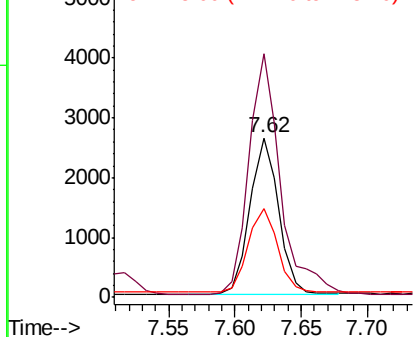
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3928
Ion Ratio Lower Upper
152 100
150 152.5 123.1 184.7
115 55.8 45.2 67.8



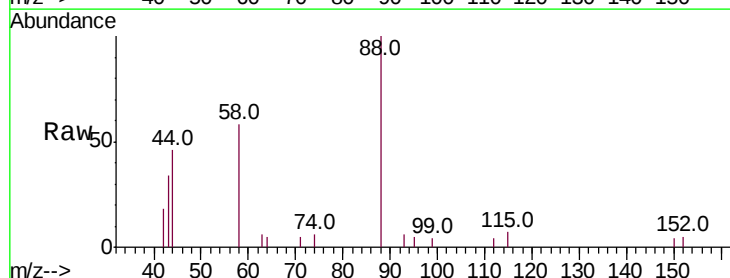
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



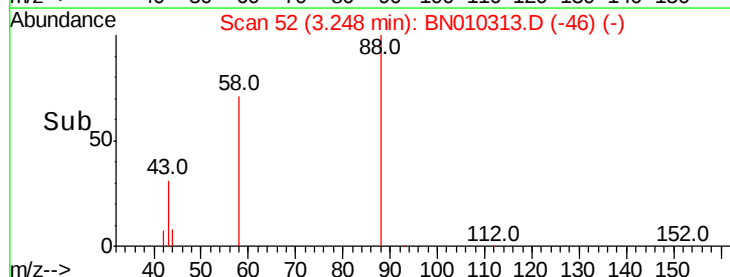
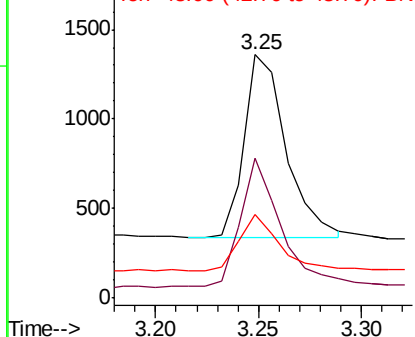
#2

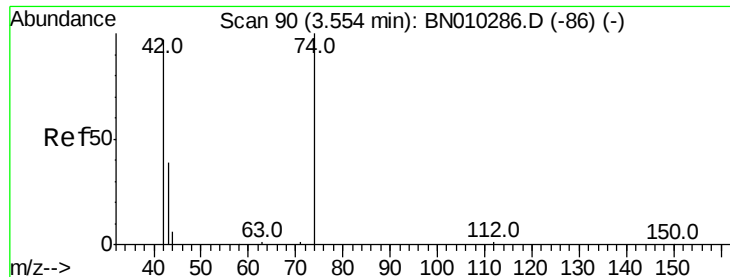
1,4-Dioxane
Concen: 0.393 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion: 88 Resp: 1449
Ion Ratio Lower Upper
88 100
58 67.2 51.7 77.5
43 28.8 21.2 31.8



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



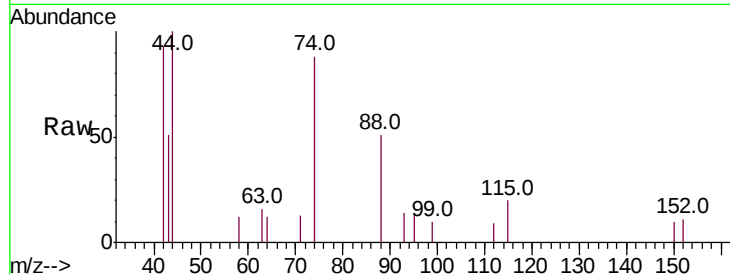


#3

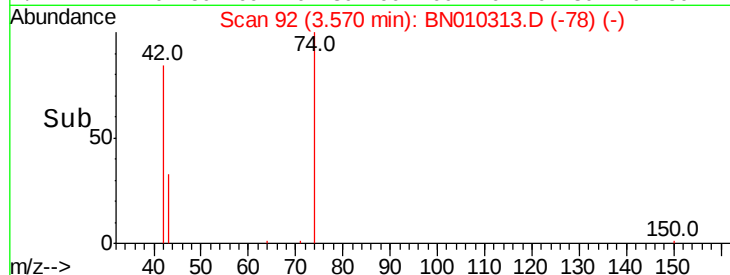
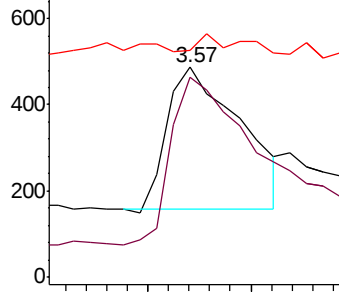
n-Nitrosodimethylamine
 Concen: 0.261 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.02 min
 Lab File: BN010313.D
 Acq: 20 Mar 2020 21:31

Instrument :
 BNA_N
 ClientSampleId :

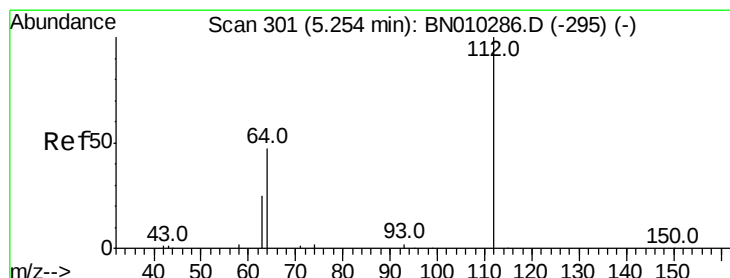
Tot Ion: 42 Resp: 814
 Ion Ratio Lower Upper
 42 100
 74 132.3 99.4 149.0
 44 8.2 4.8 7.2#



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



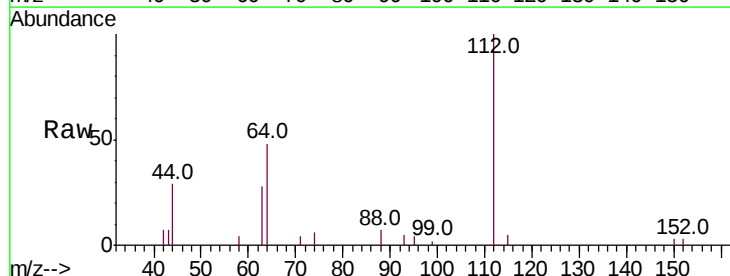
Time-->



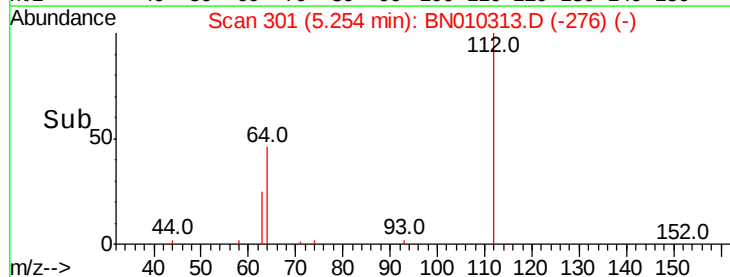
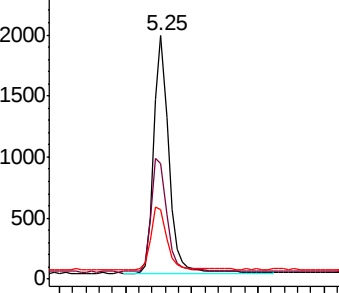
#4

2-Fluorophenol
 Concen: 0.390 ng
 RT: 5.25 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BN010313.D
 Acq: 20 Mar 2020 21:31

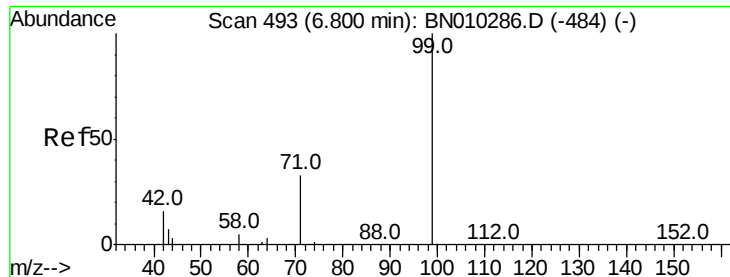
Tgt Ion: 112 Resp: 3031
 Ion Ratio Lower Upper
 112 100
 64 51.1 41.4 62.2
 63 27.9 22.9 34.3



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



Time-->



#5

Phenol-d6

Concen: 0.397 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

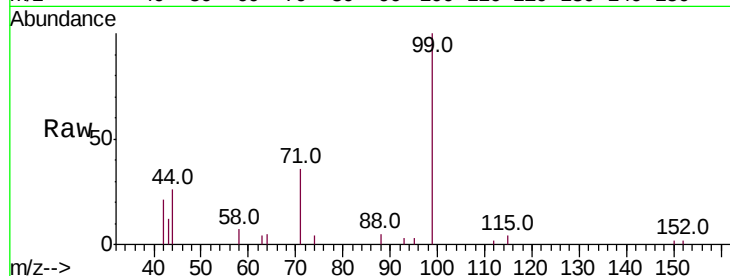
Tot Ion: 99 Resp: 3839

Ion Ratio Lower Upper

99 100

42 19.5 14.8 22.2

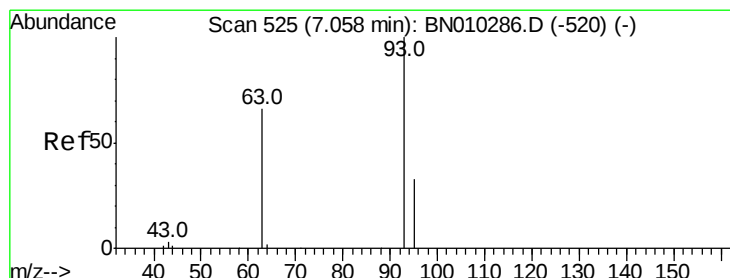
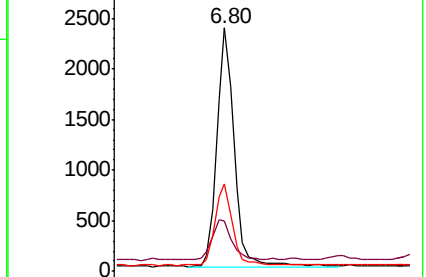
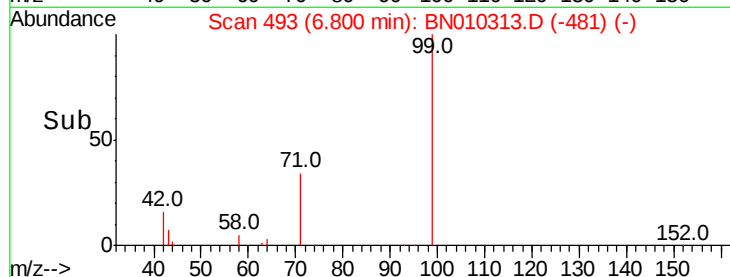
71 33.8 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010313.D (-481) (-)

Ion 42.00 (41.70 to 42.70): BN010313.D (-481) (-)

Ion 71.00 (70.70 to 71.70): BN010313.D (-481) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.401 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

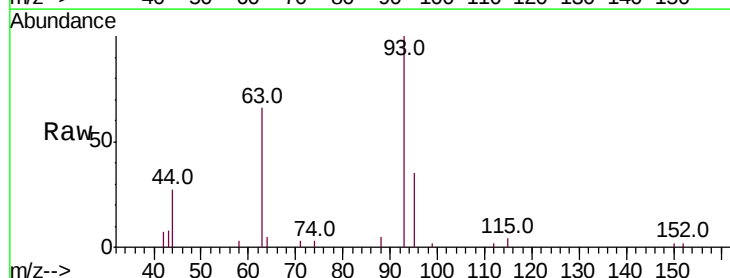
Tgt Ion: 93 Resp: 3726

Ion Ratio Lower Upper

93 100

63 68.5 55.6 83.4

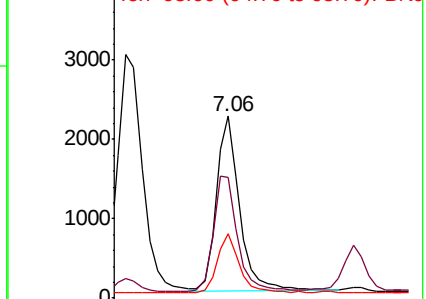
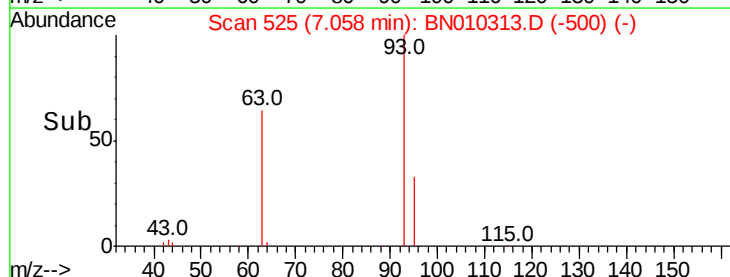
95 32.9 26.2 39.4

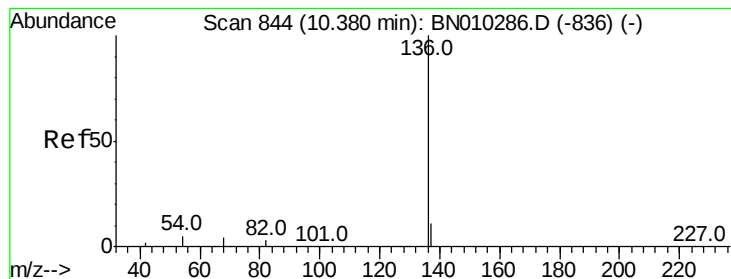


Abundance Ion 93.00 (92.70 to 93.70): BN010313.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010313.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010313.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13367

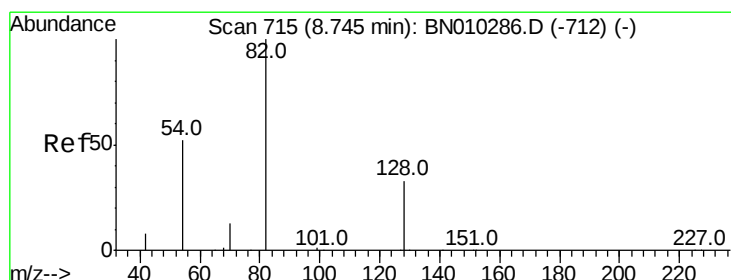
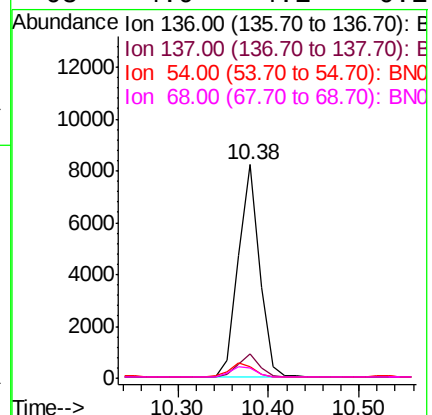
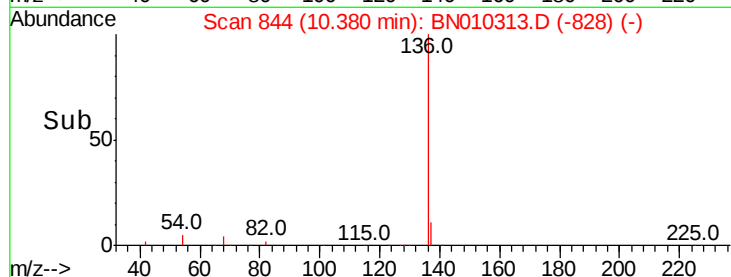
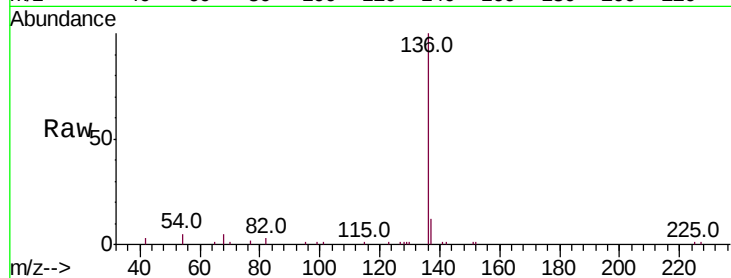
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 5.4 4.8 7.2

68 4.9 4.1 6.1



#8

Nitrobenzene-d5

Concen: 0.382 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

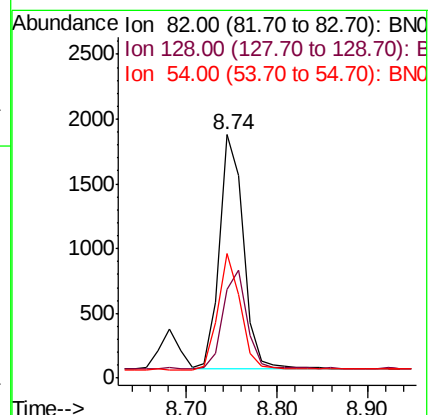
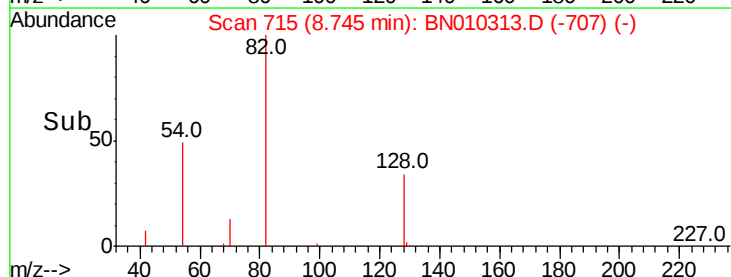
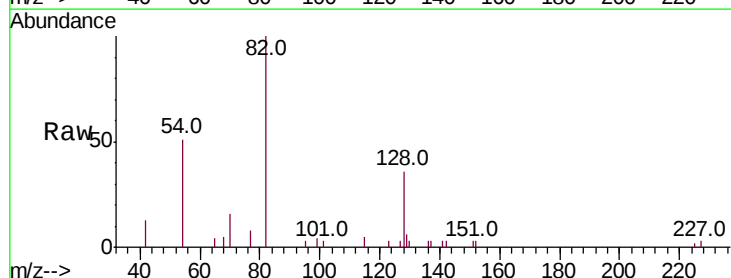
Tgt Ion: 82 Resp: 3276

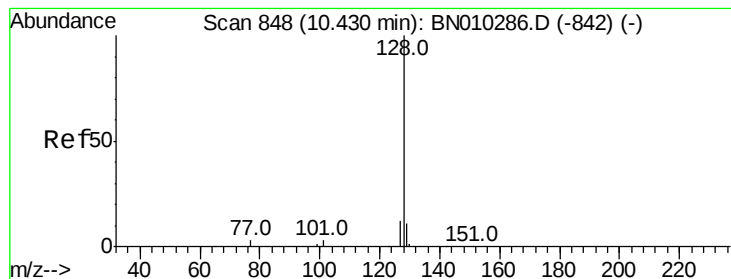
Ion Ratio Lower Upper

82 100

128 36.5 28.8 43.2

54 51.2 42.1 63.1





#9

Naphthalene

Concen: 0.401 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

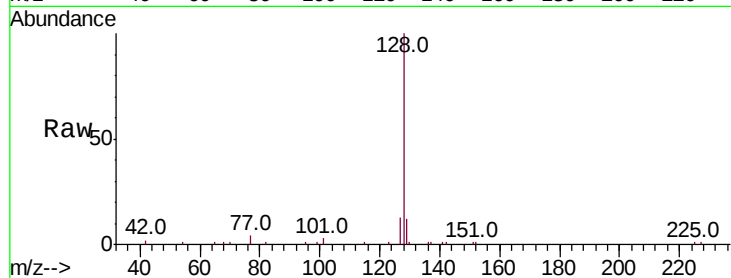
Tot Ion:128 Resp: 13368

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

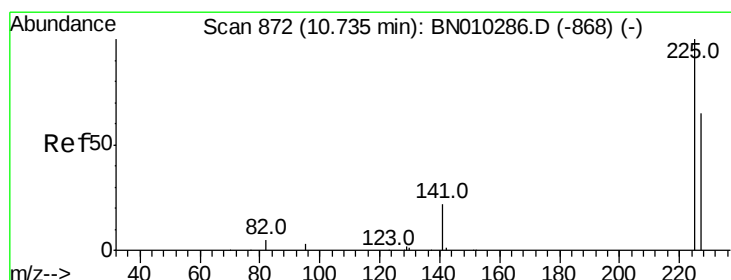
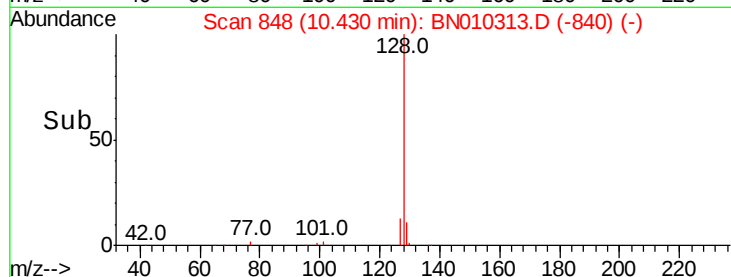
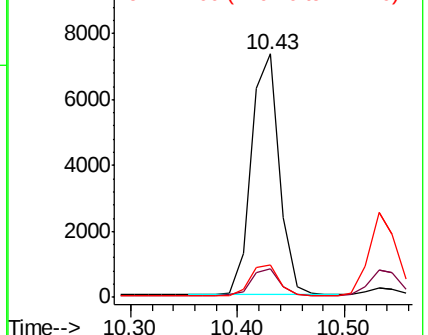
127 13.1 10.4 15.6



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: 0.416 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

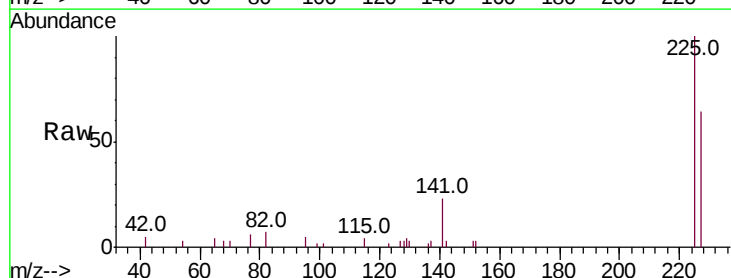
Tgt Ion:225 Resp: 3358

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

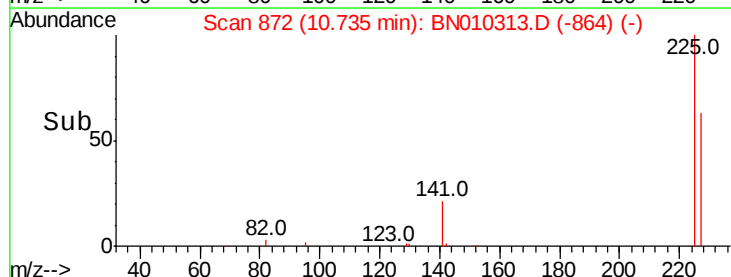
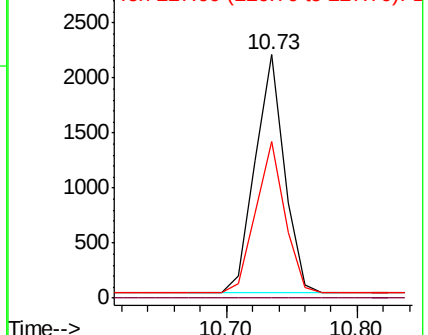
227 63.3 51.9 77.9

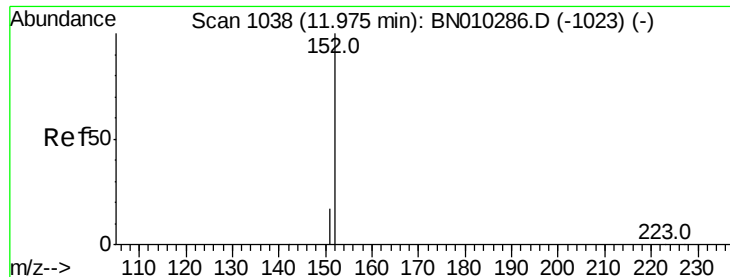


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

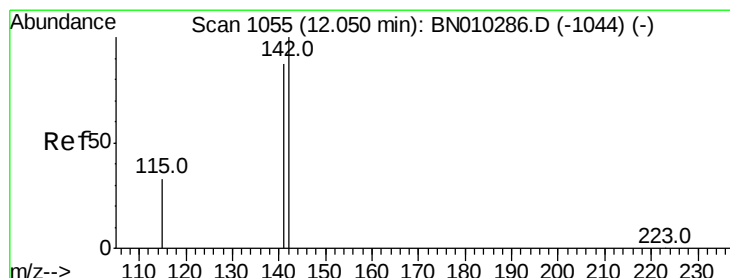
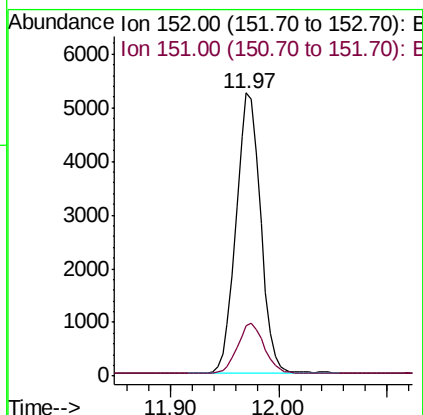
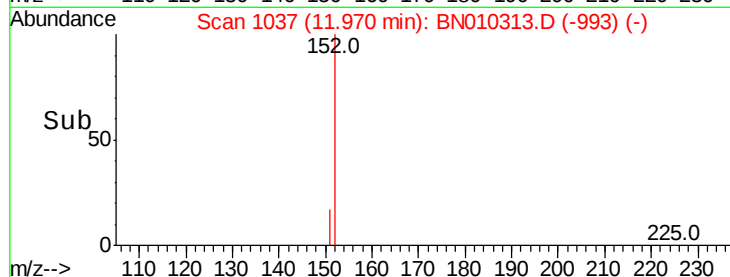
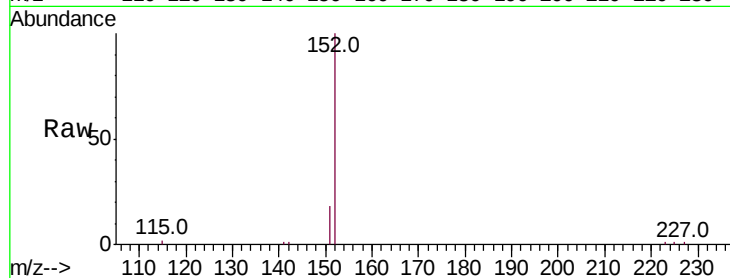




#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

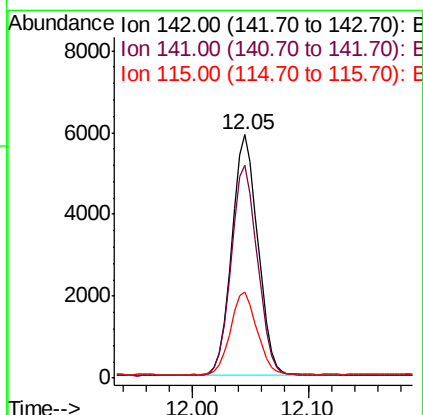
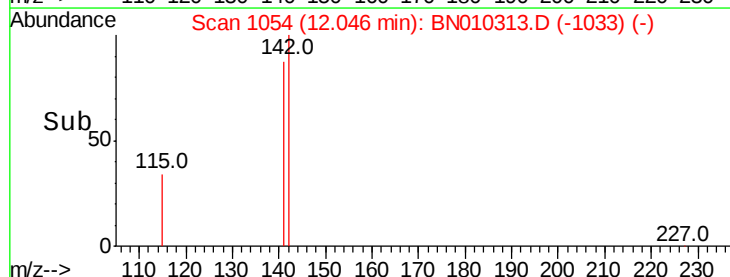
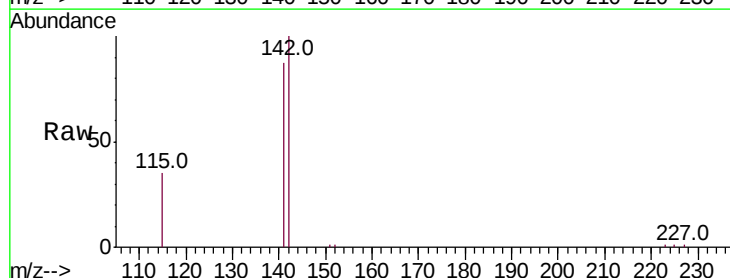
Instrument :
BNA_N
ClientSampleId :

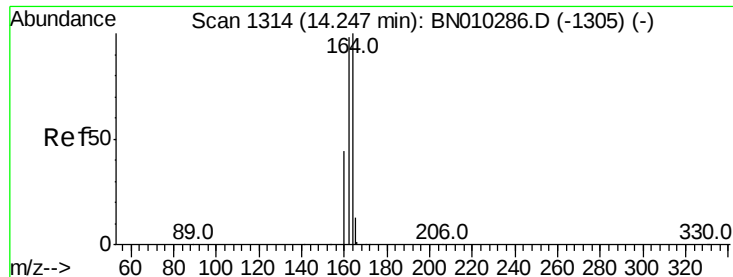
Tot Ion:152 Resp: 8274
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:142 Resp: 9109
Ion Ratio Lower Upper
142 100
141 87.4 69.5 104.3
115 35.2 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

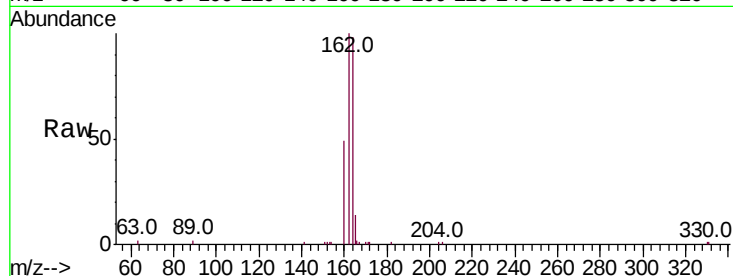
Tot Ion:164 Resp: 7910

Ion Ratio Lower Upper

164 100

162 102.3 78.2 117.2

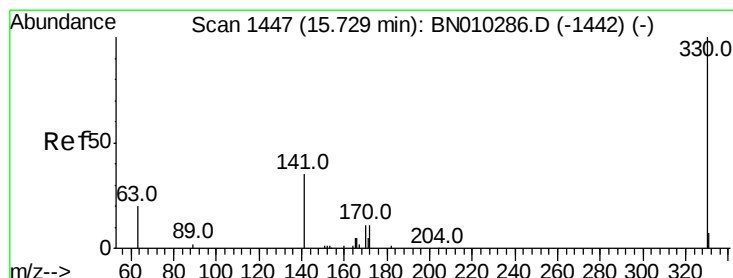
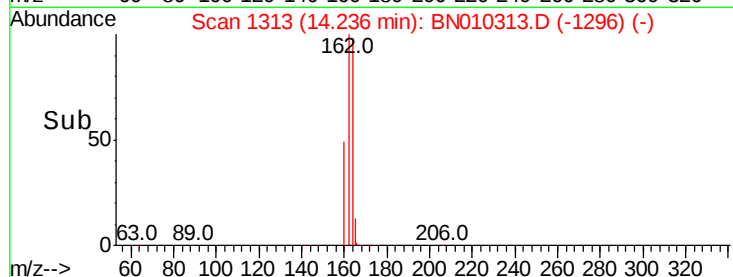
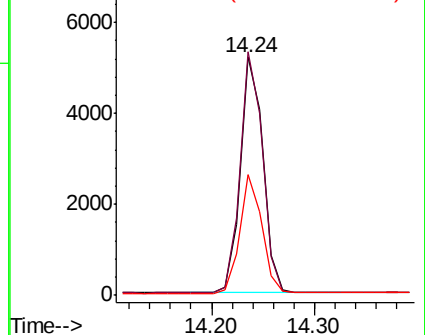
160 50.5 35.8 53.6



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: 0.353 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

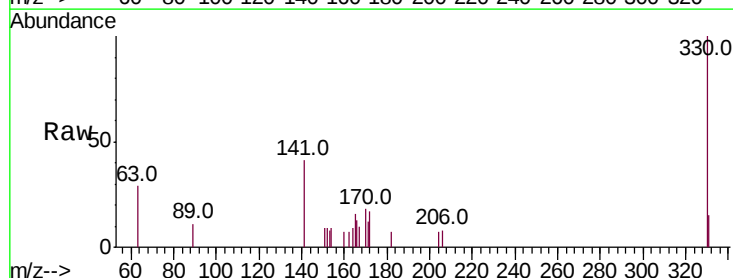
Tgt Ion:330 Resp: 1074

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

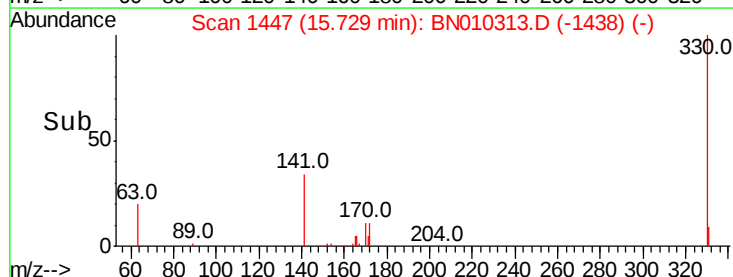
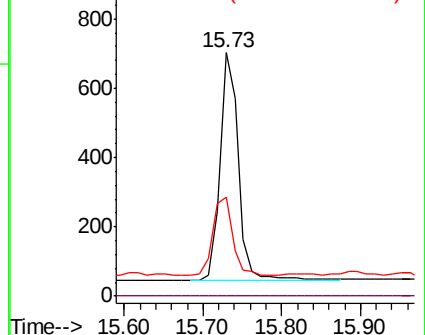
141 36.1 29.3 43.9

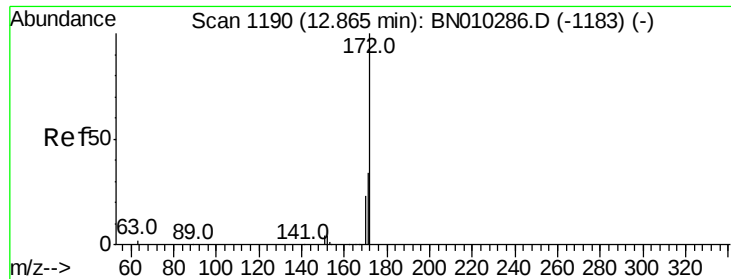


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



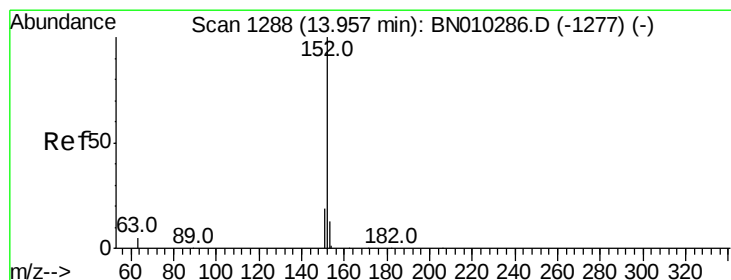
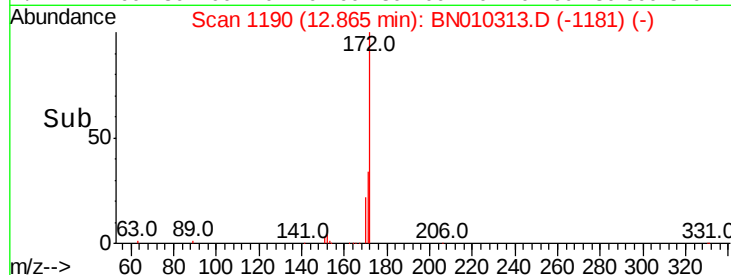
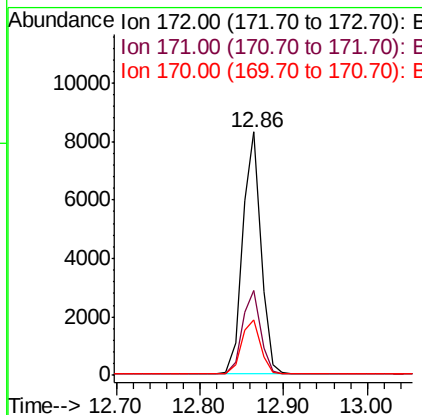
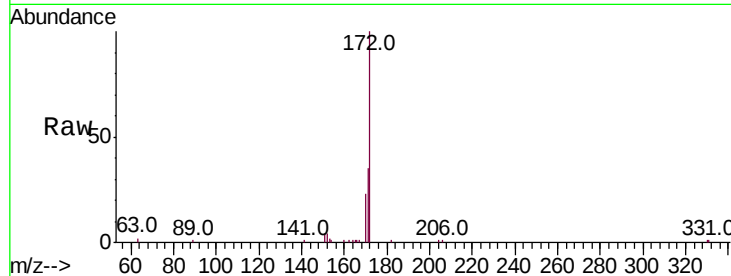


#15
 2-Fluorobiphenyl
 Concen: 0.412 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BN010313.D
 Acq: 20 Mar 2020 21:31

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:172 Resp: 12482

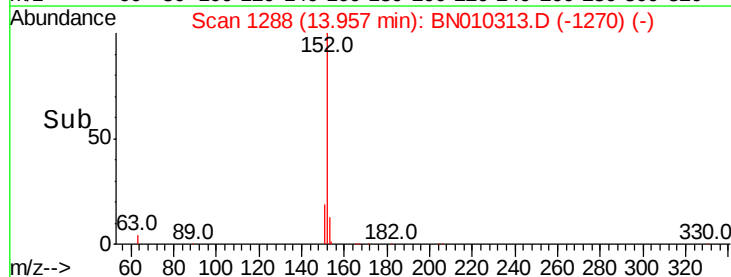
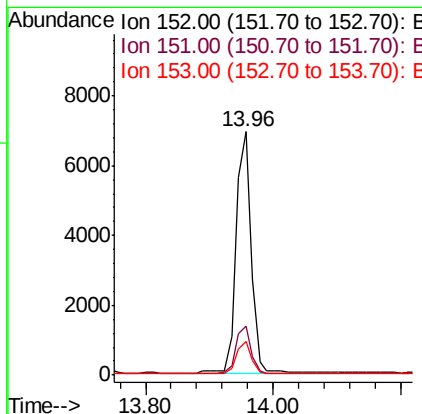
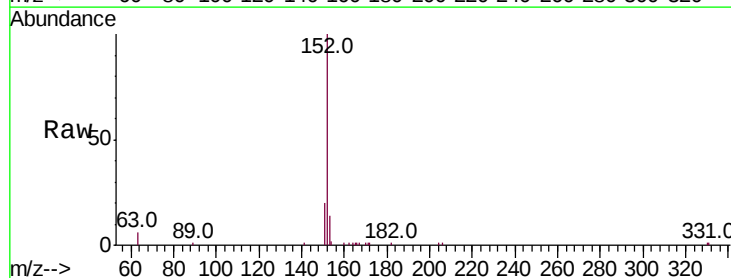
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	22.8	18.5	27.7

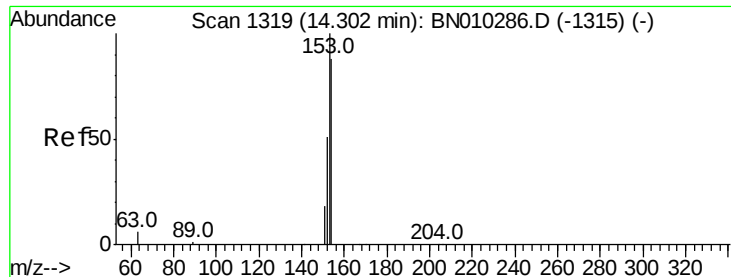


#16
 Acenaphthylene
 Concen: 0.370 ng
 RT: 13.96 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BN010313.D
 Acq: 20 Mar 2020 21:31

Tgt Ion:152 Resp: 11482

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.6	23.4
153	12.9	10.6	15.8





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

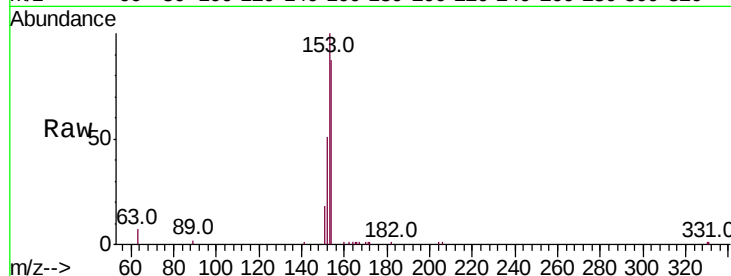
Tot Ion:154 Resp: 8509

Ion Ratio Lower Upper

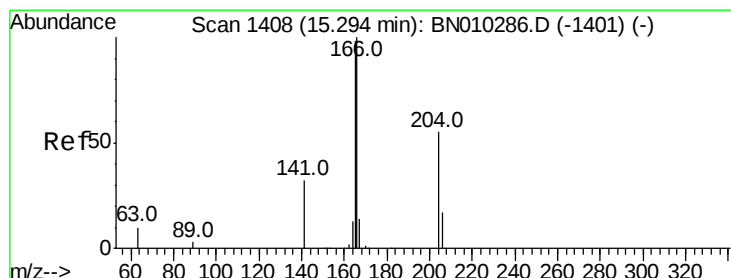
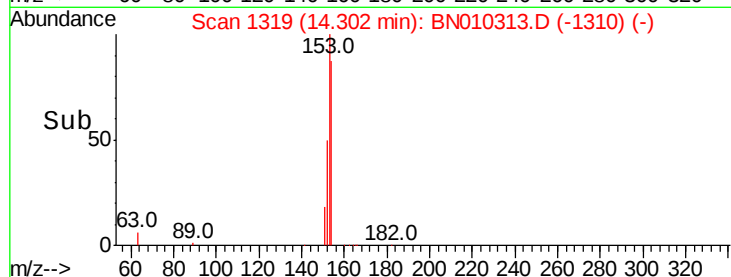
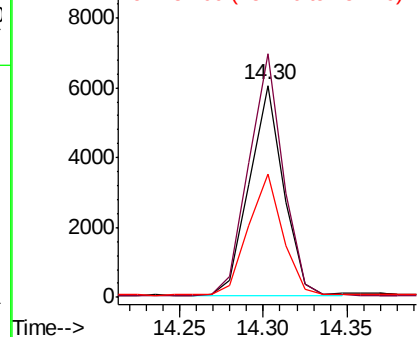
154 100

153 115.1 88.1 132.1

152 59.0 45.5 68.3



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: 0.391 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

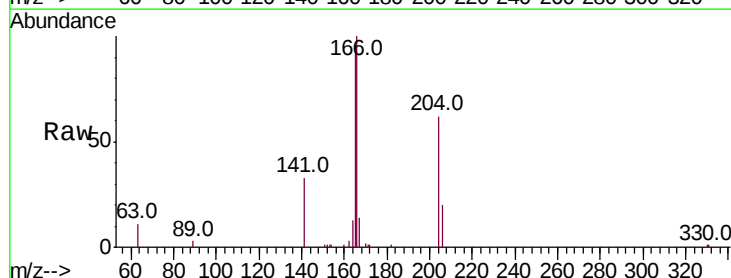
Tgt Ion:166 Resp: 11492

Ion Ratio Lower Upper

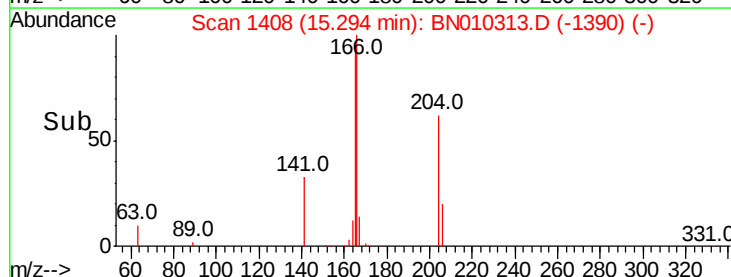
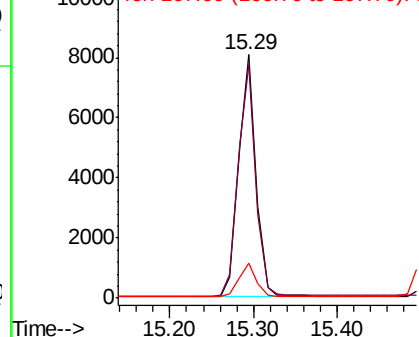
166 100

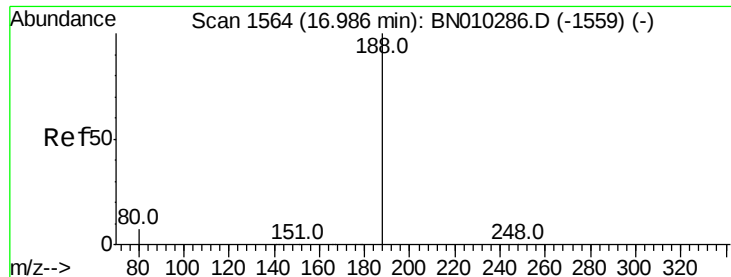
165 98.0 78.7 118.1

167 13.5 11.0 16.4



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

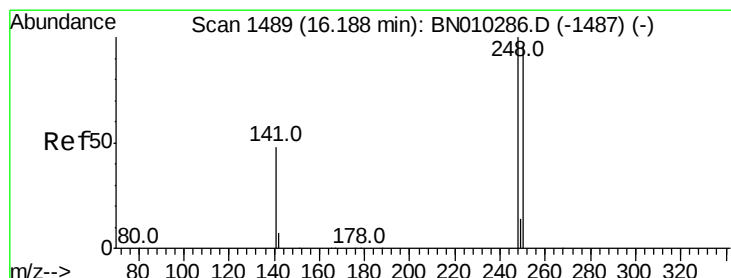
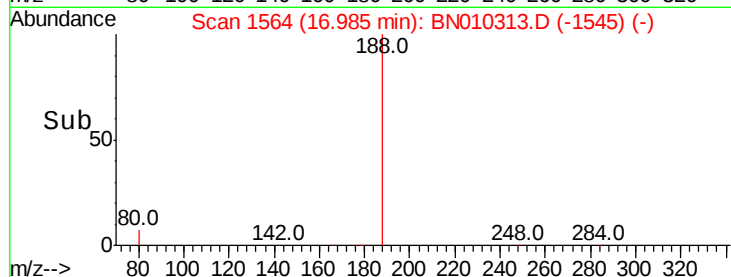
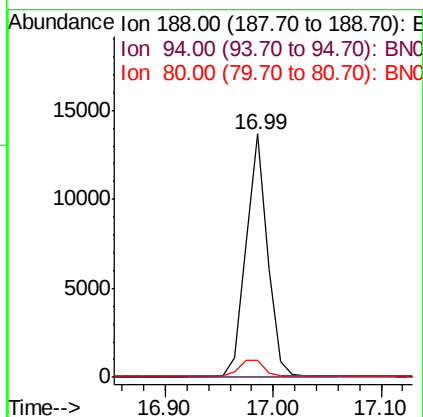
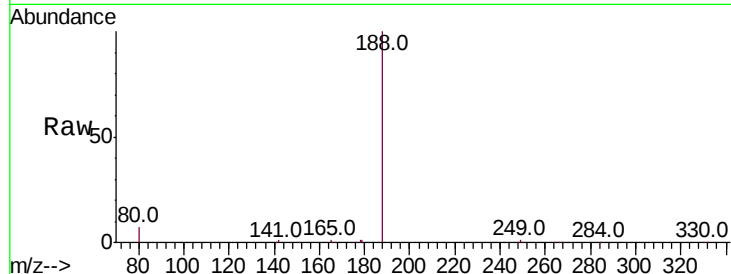




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

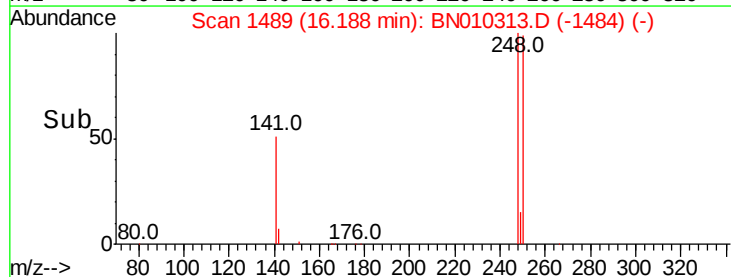
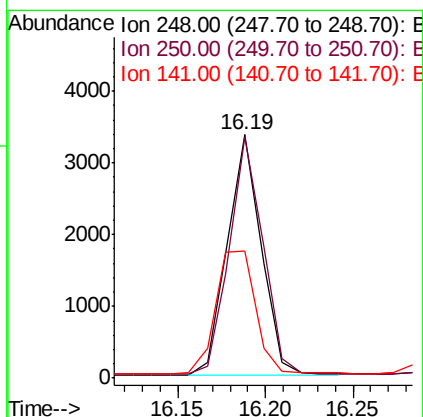
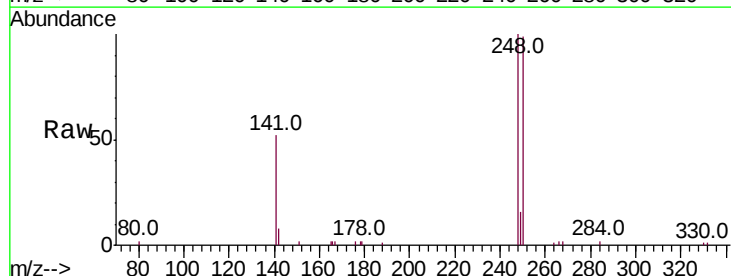
Instrument :
BNA_N
ClientSampleId :

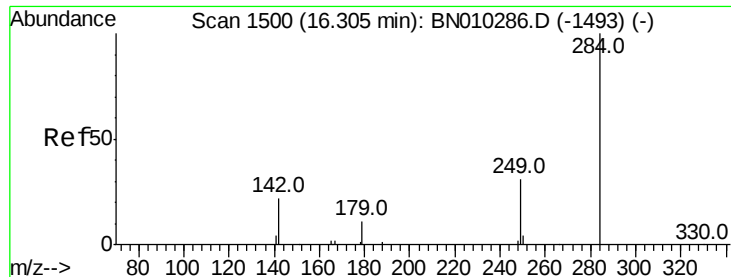
Tot Ion:188 Resp: 18666
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.0 9.0



#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:248 Resp: 4423
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 52.4 44.4 66.6





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 16.31 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

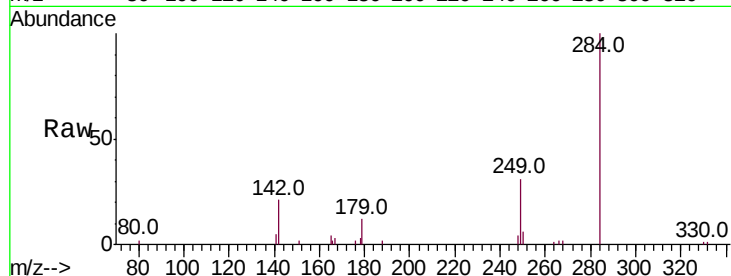
Tot Ion:284 Resp: 4765

Ion	Ratio	Lower	Upper
284	100		
142	34.8	27.4	41.2
249	32.6	26.5	39.7

284 100

142 34.8 27.4 41.2

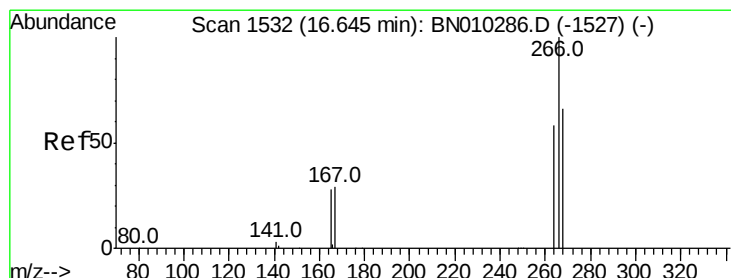
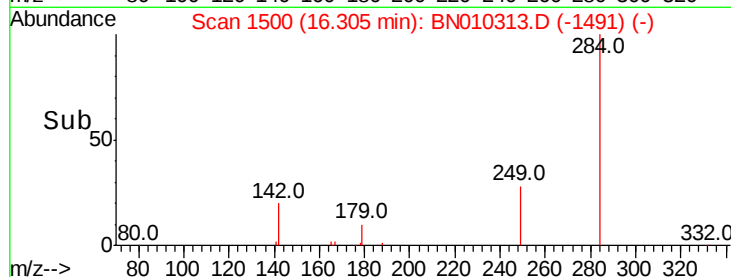
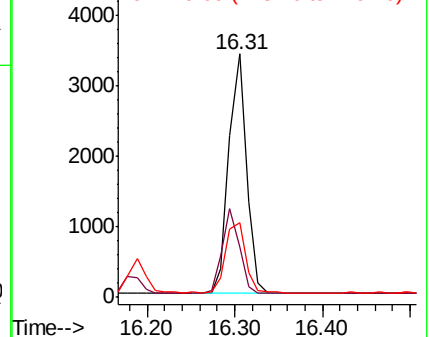
249 32.6 26.5 39.7



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: 0.337 ng

RT: 16.65 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

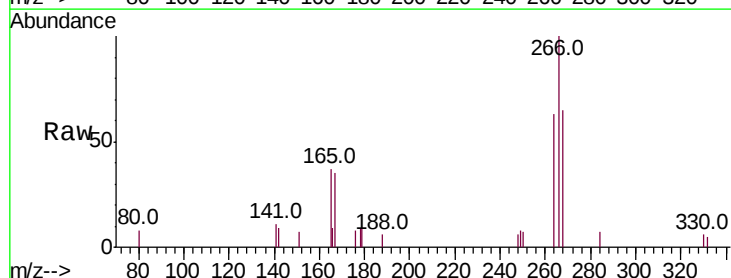
Tgt Ion:266 Resp: 1340

Ion	Ratio	Lower	Upper
266	100		
264	62.8	47.7	71.5
268	65.3	54.9	82.3

266 100

264 62.8 47.7 71.5

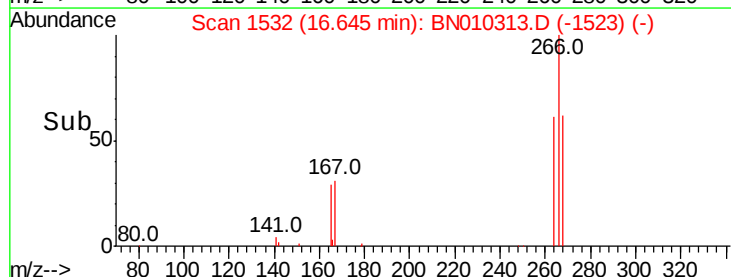
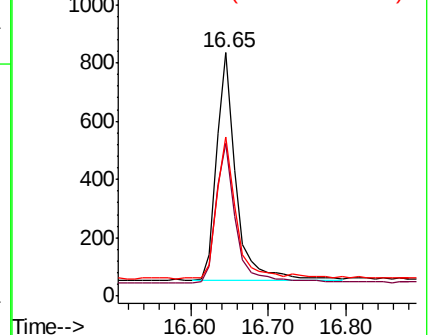
268 65.3 54.9 82.3

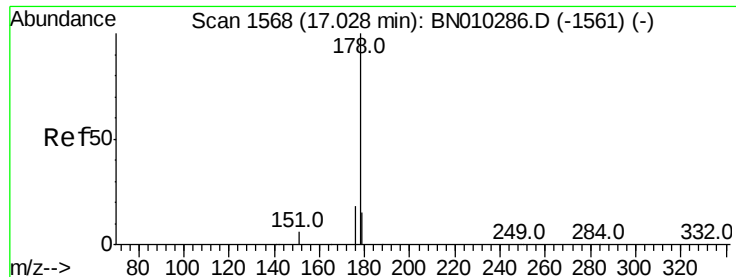


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

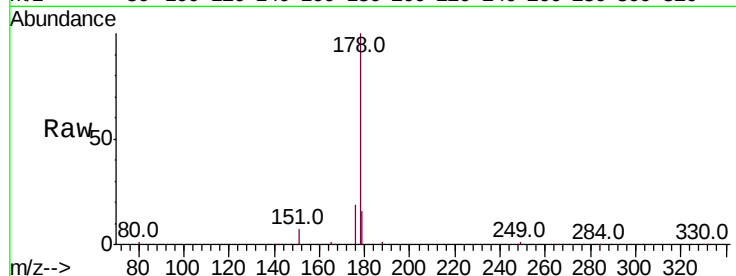
Tot Ion:178 Resp: 20276

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

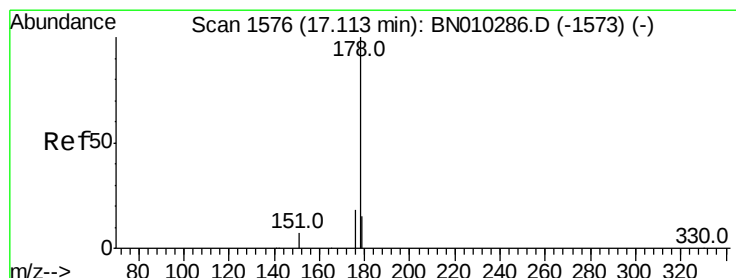
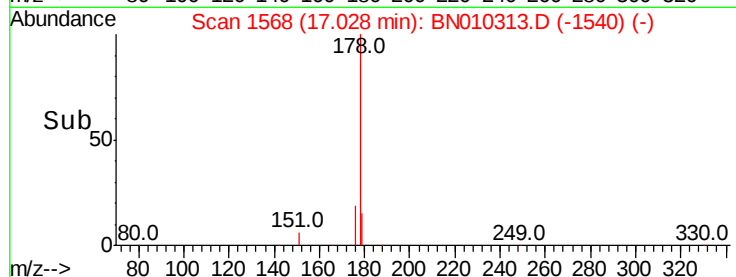
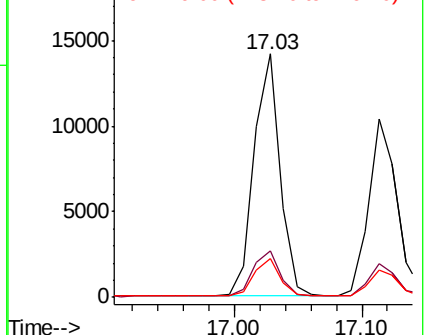
179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.370 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

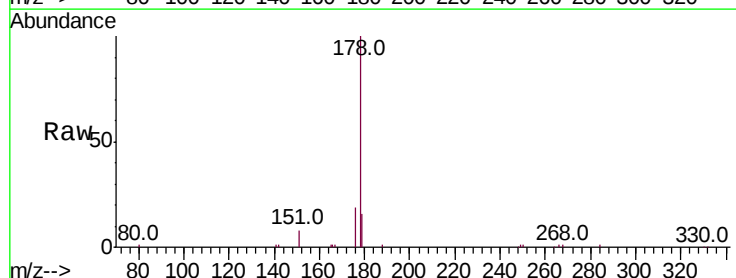
Tgt Ion:178 Resp: 16219

Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

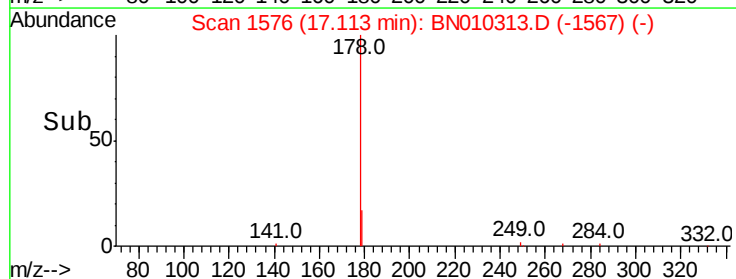
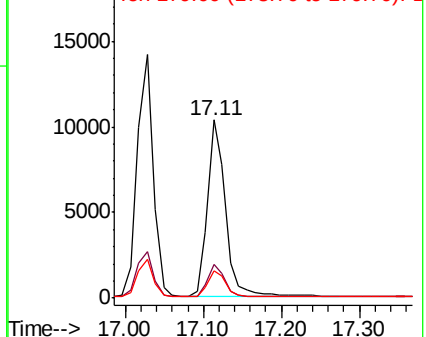
179 15.3 12.3 18.5

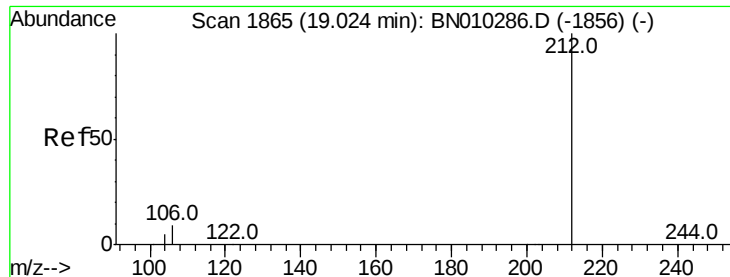


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

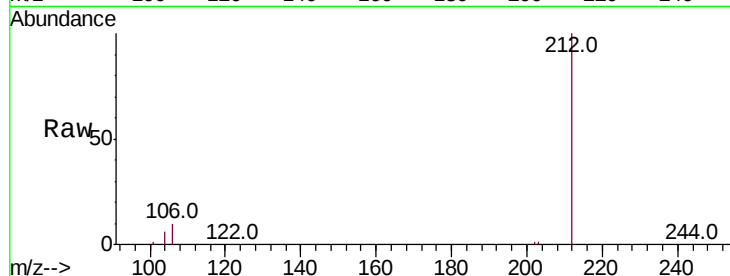
Tot Ion:212 Resp: 21274

Ion Ratio Lower Upper

212 100

106 9.2 7.4 11.2

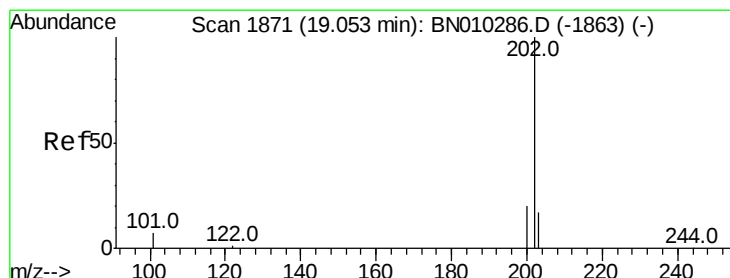
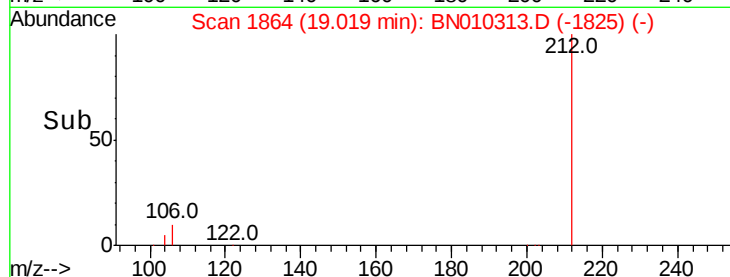
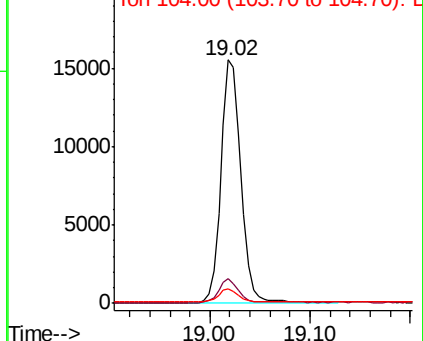
104 5.2 4.2 6.4



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: 0.389 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

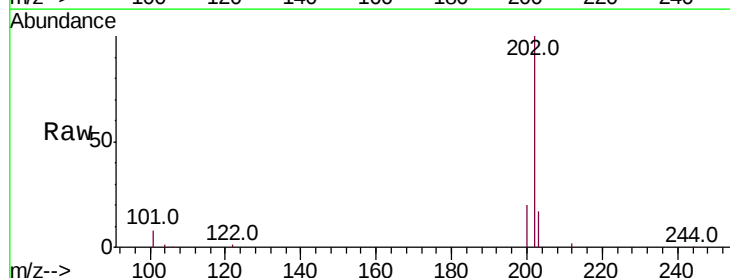
Tgt Ion:202 Resp: 24438

Ion Ratio Lower Upper

202 100

101 7.9 6.6 9.8

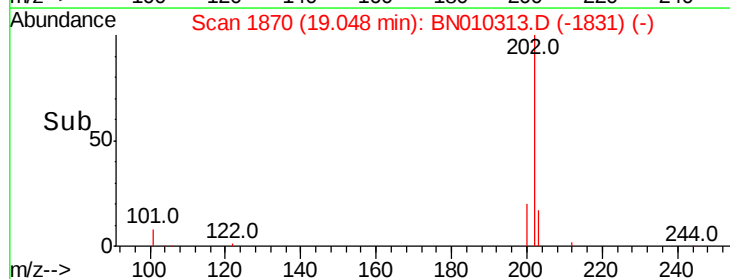
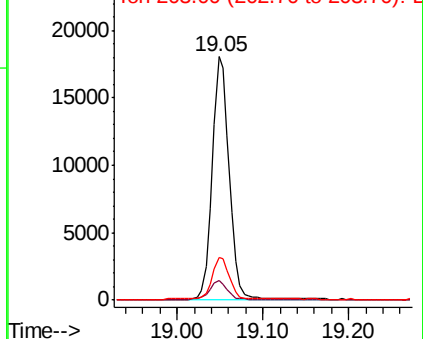
203 17.1 13.8 20.8

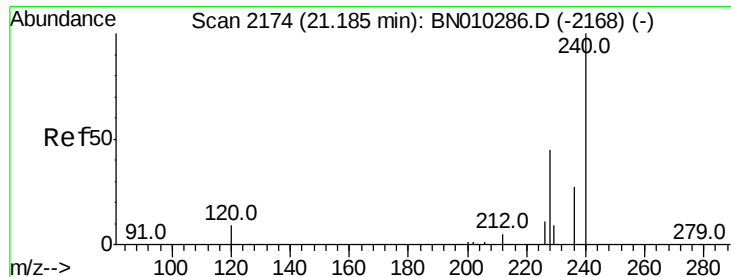


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

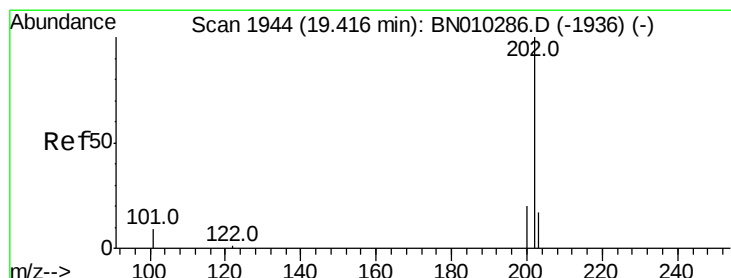
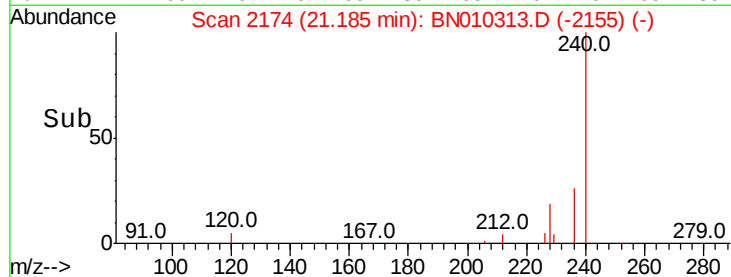
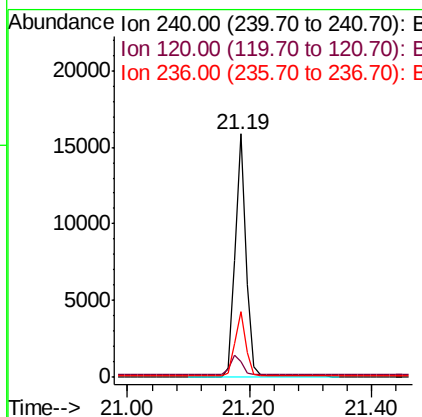
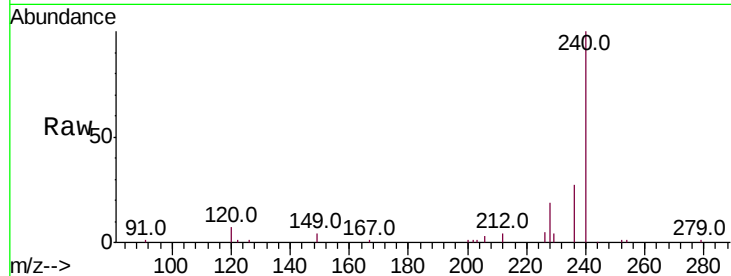




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

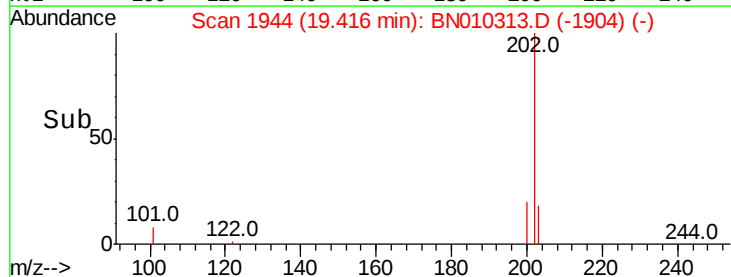
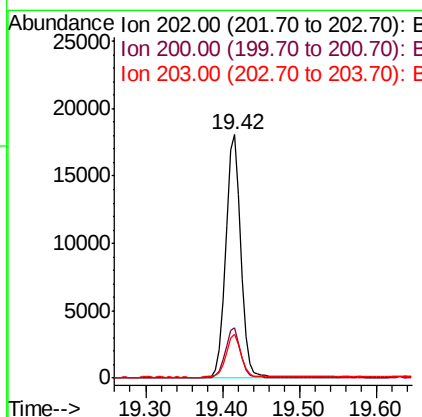
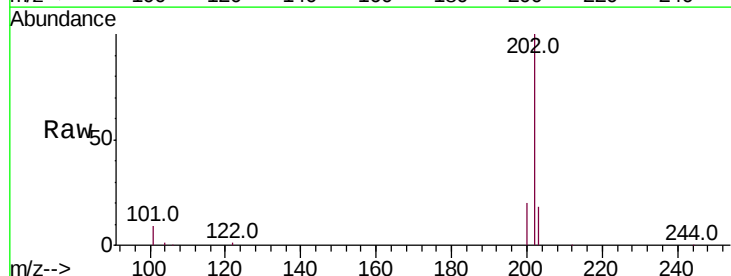
Instrument :
BNA_N
ClientSampleId :

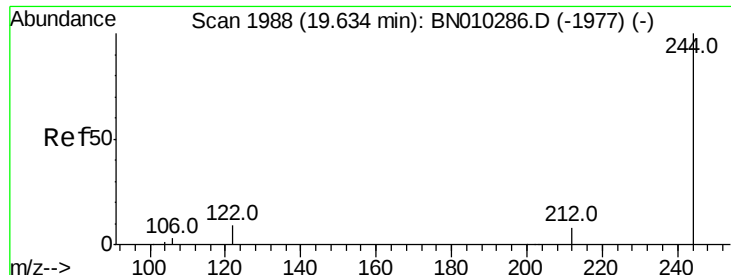
Tot Ion:240 Resp: 19855
Ion Ratio Lower Upper
240 100
120 6.6 7.9 11.9#
236 26.8 22.2 33.4



#28
Pyrene
Concen: 0.393 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:202 Resp: 24276
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.6 14.2 21.2





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

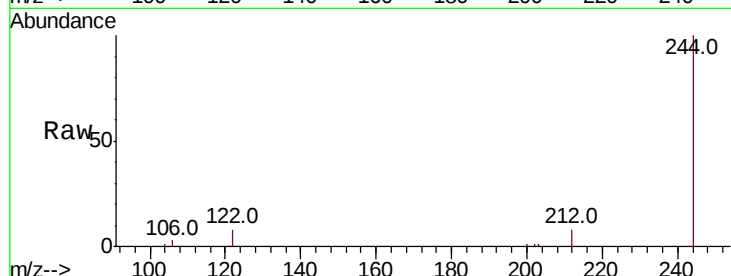
Tot Ion:244 Resp: 17283

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

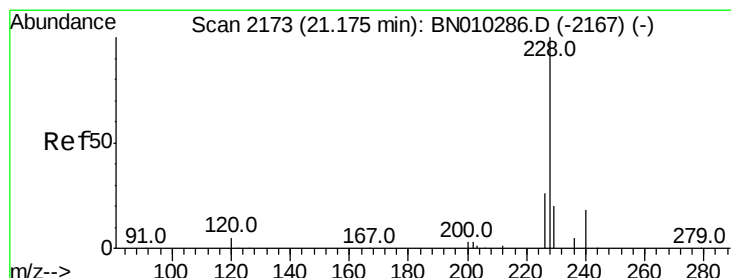
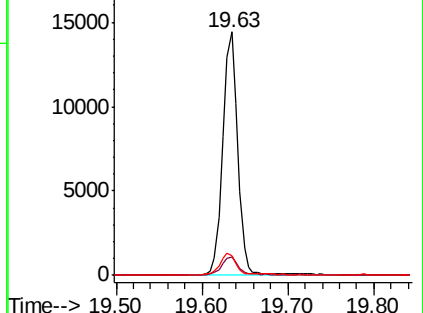
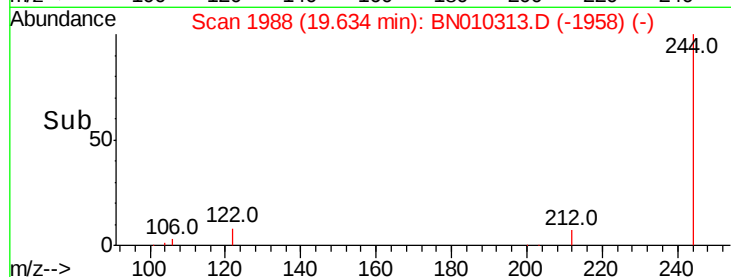
122 8.3 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.373 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

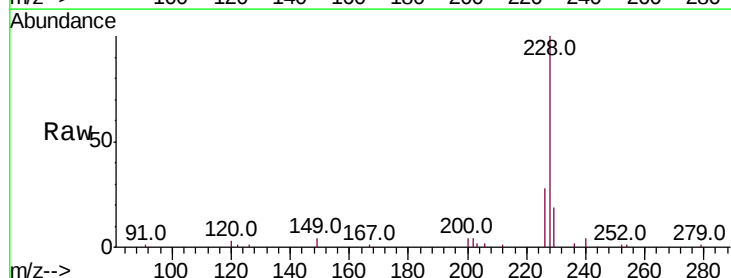
Tgt Ion:228 Resp: 23560

Ion Ratio Lower Upper

228 100

226 27.6 21.0 31.4

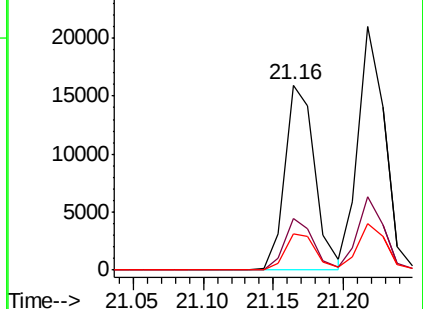
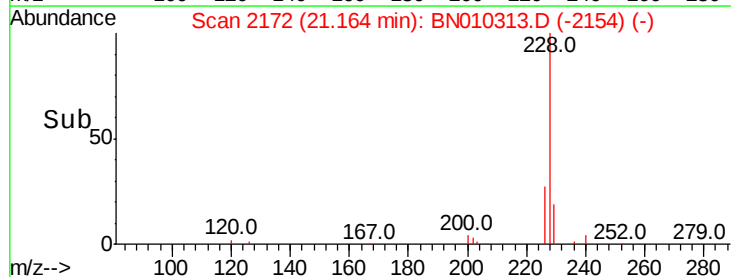
229 19.4 16.0 24.0

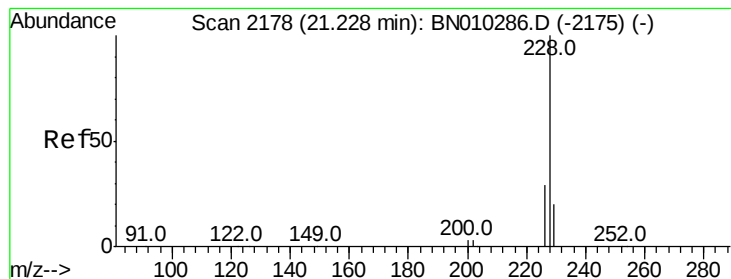


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.406 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

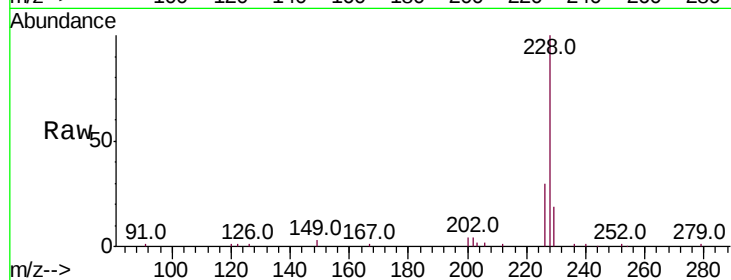
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 27547

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.6
229	19.3	16.0	24.0

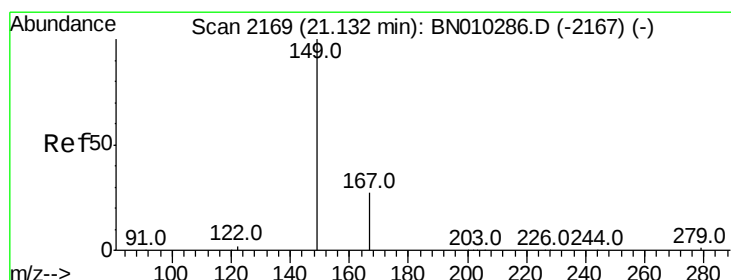
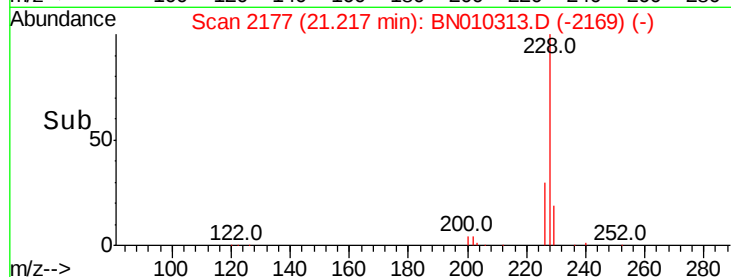
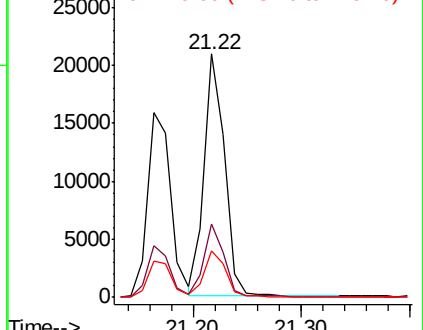


Abundance

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: 0.289 ng

RT: 21.13 min Scan# 2169

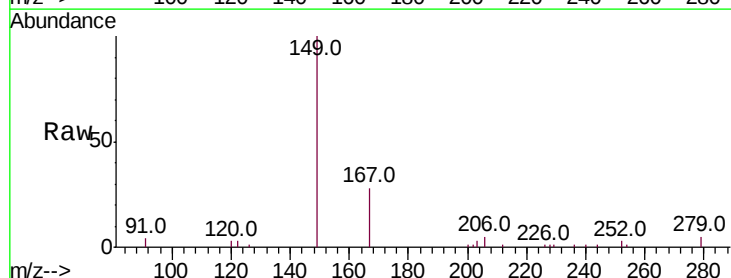
Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Tgt Ion:149 Resp: 6175

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.6
279	5.2	3.8	5.8

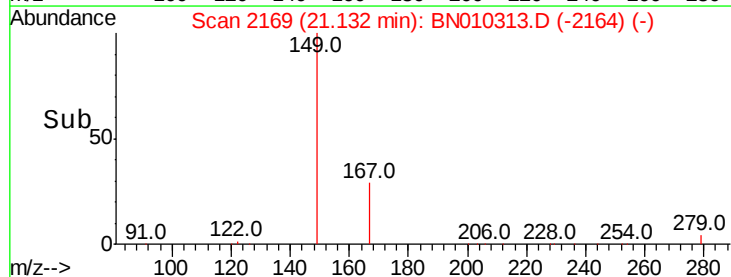
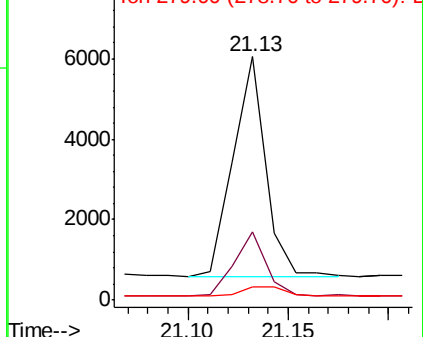


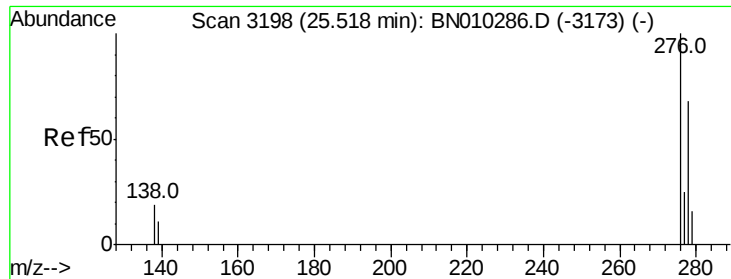
Abundance

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: 0.411 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

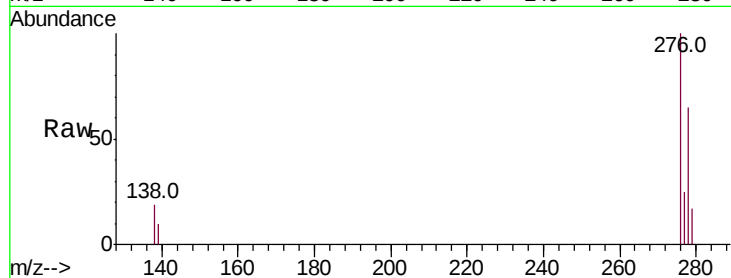
Tot Ion:276 Resp: 29841

Ion Ratio Lower Upper

276 100

138 18.6 15.6 23.4

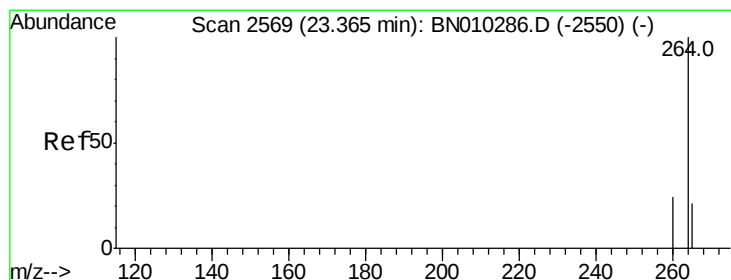
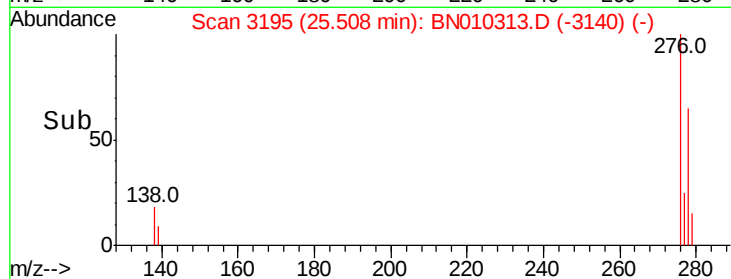
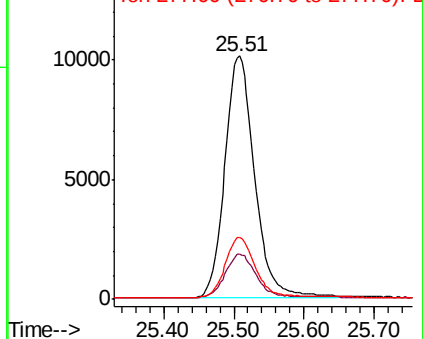
277 25.0 20.1 30.1



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. -0.01 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

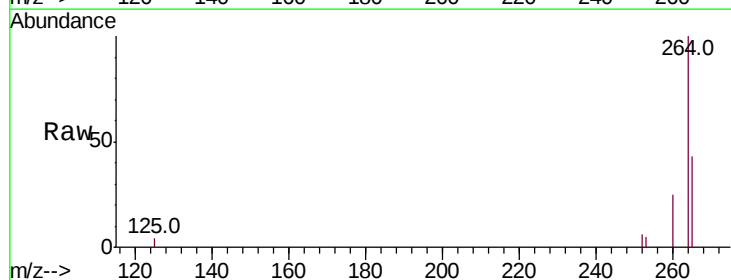
Tgt Ion:264 Resp: 19931

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

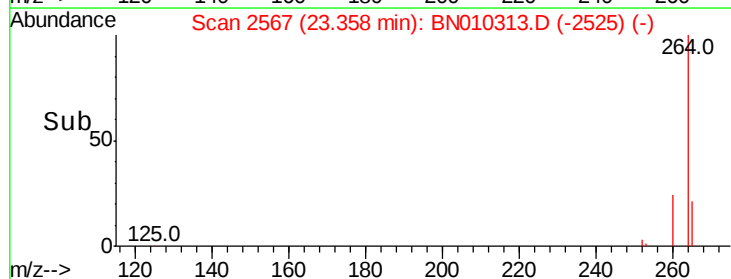
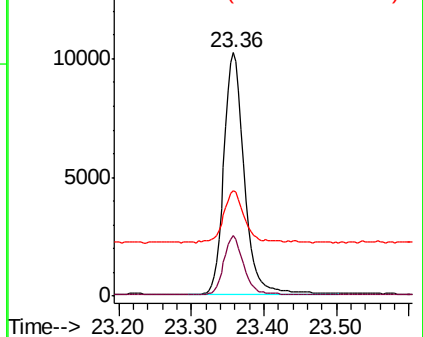
265 43.3 32.4 48.6

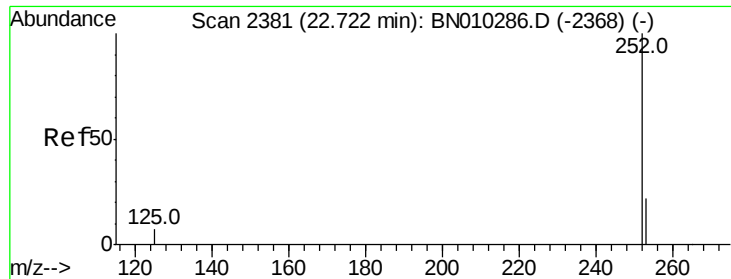


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

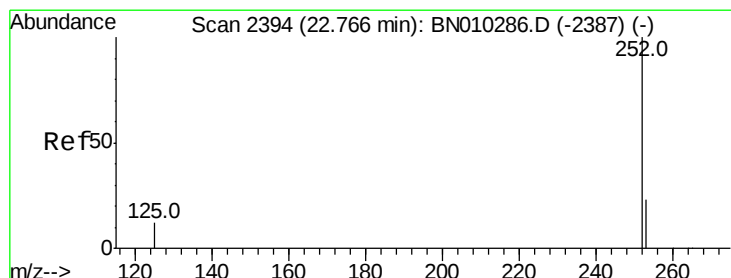
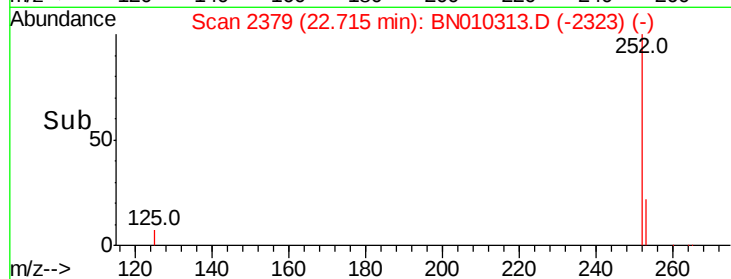
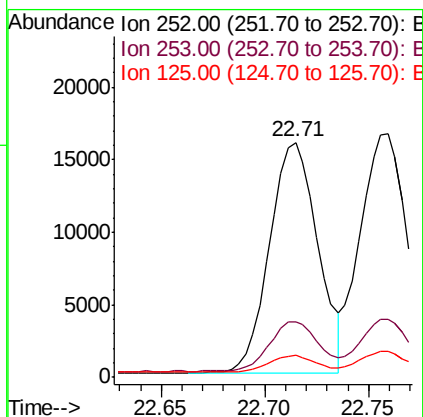
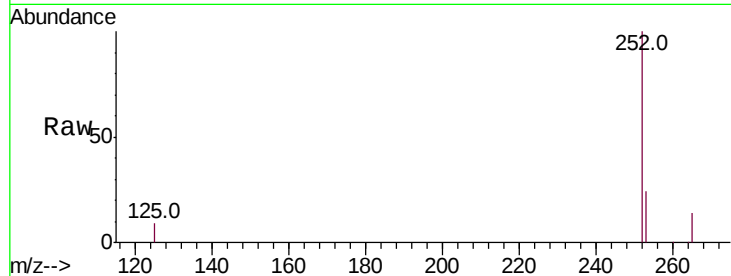




#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

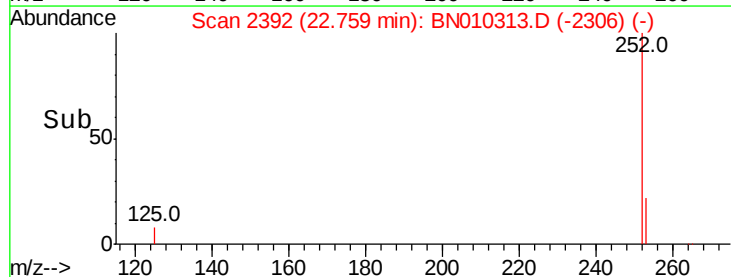
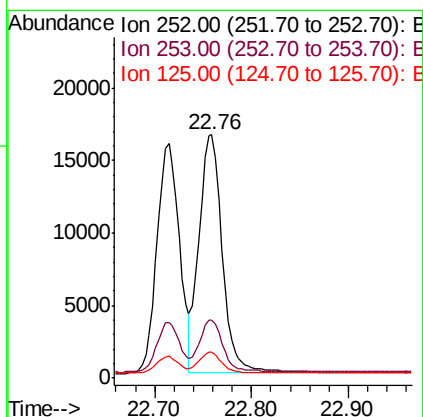
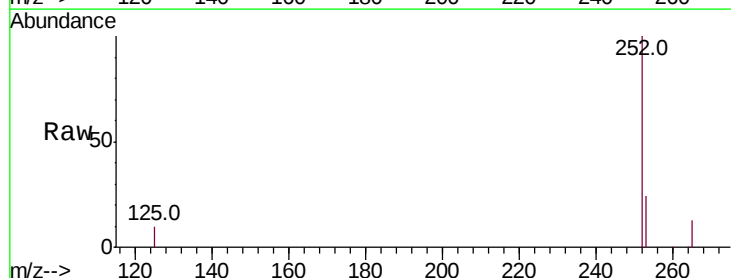
Instrument :
BNA_N
ClientSampleId :

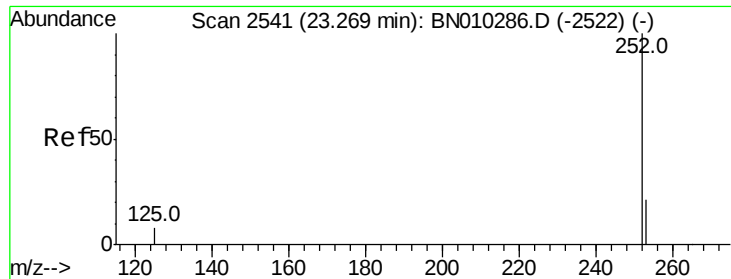
Tot Ion:252 Resp: 25612
Ion Ratio Lower Upper
252 100
253 23.8 19.2 28.8
125 9.4 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 22.76 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:252 Resp: 27433
Ion Ratio Lower Upper
252 100
253 24.1 19.4 29.0
125 10.4 10.2 15.2





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.27 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :

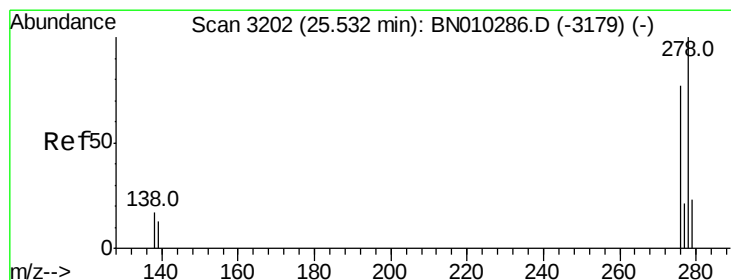
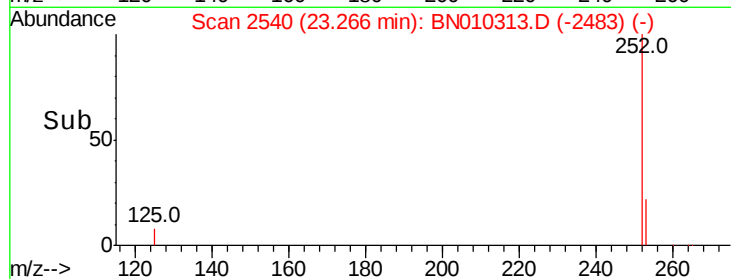
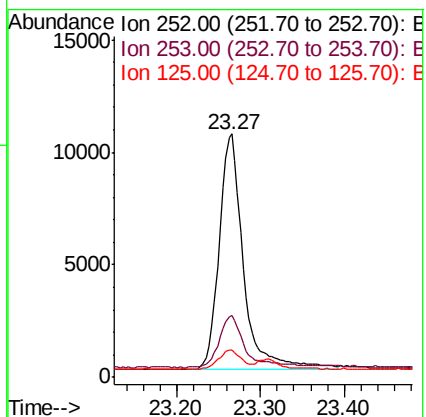
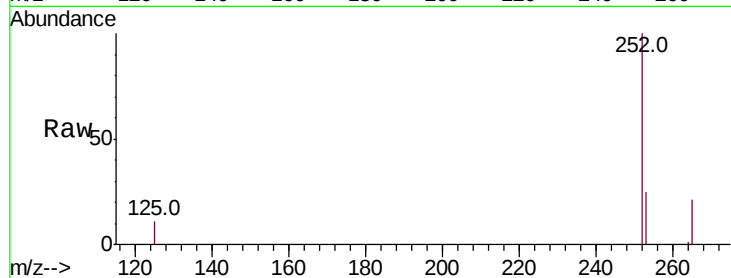
Tot Ion:252 Resp: 21229

Ion Ratio Lower Upper

252 100

253 25.4 19.9 29.9

125 11.3 8.9 13.3



#38

Dibenzo(a,h)anthracene

Concen: 0.397 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

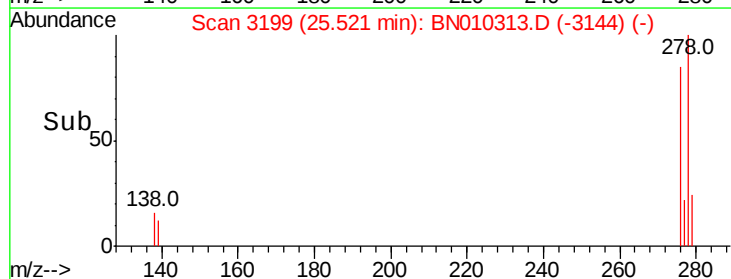
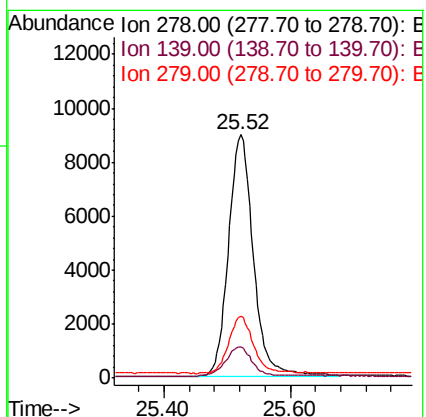
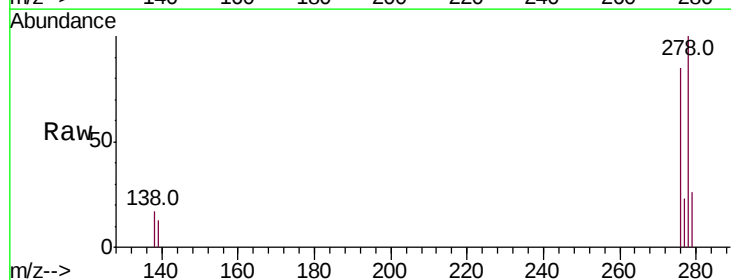
Tgt Ion:278 Resp: 24551

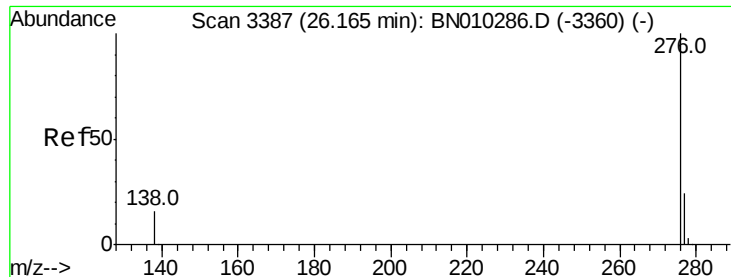
Ion Ratio Lower Upper

278 100

139 13.0 10.6 16.0

279 25.5 19.8 29.6





#39

Benzo(a,h,i)perylene

Concen: 0.388 ng

RT: 26.15 min Scan# 3384

Delta R.T. -0.01 min

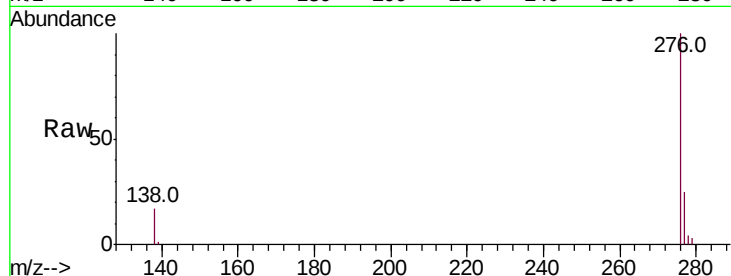
Lab File: BN010313.D

Acq: 20 Mar 2020 21:31

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 24116

Ion Ratio Lower Upper

276 100

277 24.8 19.6 29.4

138 16.8 13.3 19.9

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

