

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010283.D
 Acq On : 19 Mar 2020 10:28
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 15:17:42 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 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4354	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15278	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9273	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	21514	0.40	ng	0.00
27) Chrysene-d12	21.18	240	22730	0.40	ng	0.00
34) Perylene-d12	23.36	264	25443	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3721	0.36	ng	0.00
5) Phenol-d6	6.80	99	4500	0.35	ng	0.00
8) Nitrobenzene-d5	8.74	82	3898	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9579	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1441	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	14097	0.43	ng	0.00
25) Fluoranthene-d10	19.02	212	25298	0.38	ng	0.00
29) Terphenyl-d14	19.63	244	19959	0.39	ng	0.00

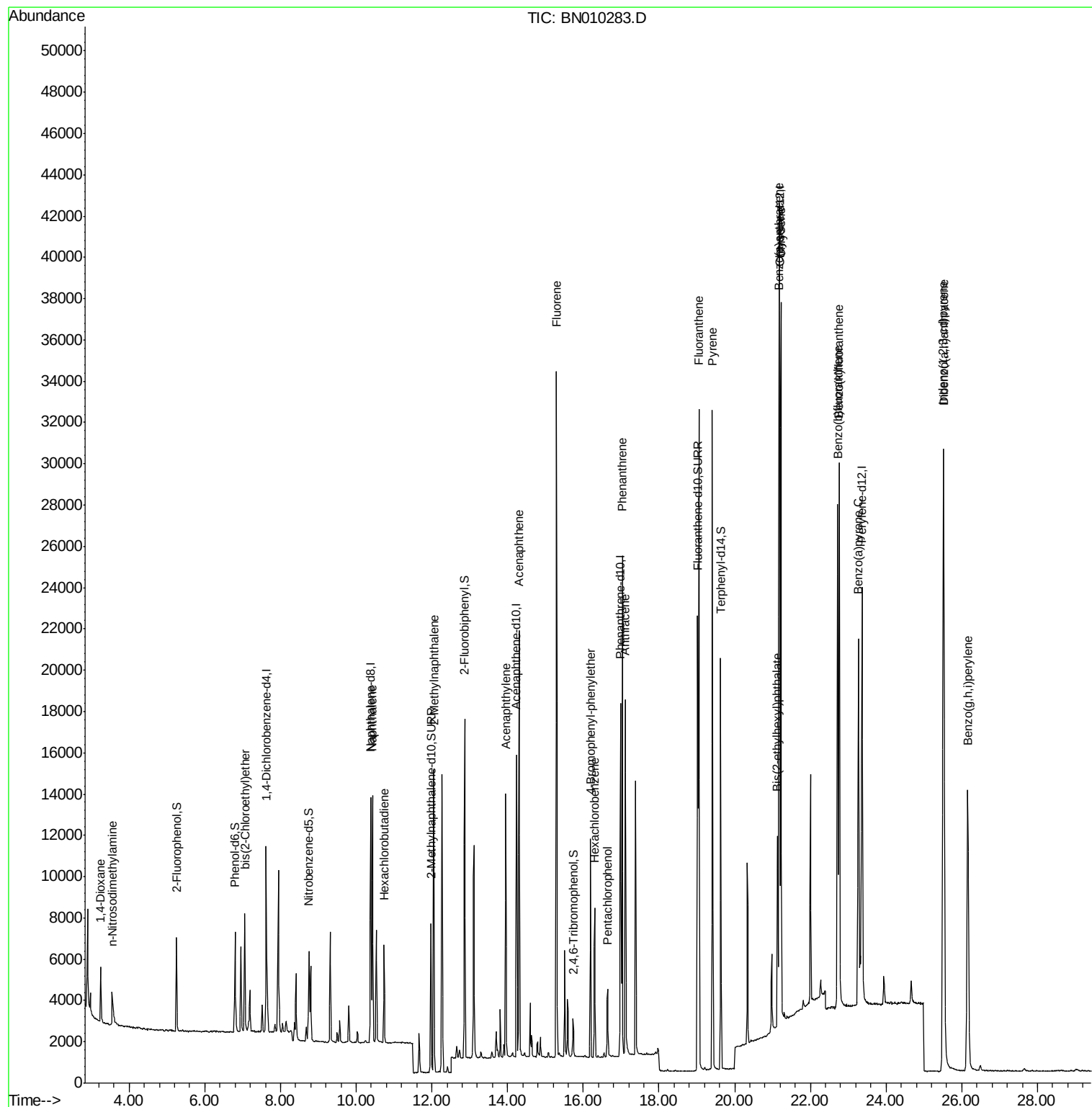
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	1664	0.392	ng	98
3) n-Nitrosodimethylamine	3.55	42	1393	0.370	ng	97
6) bis(2-Chloroethyl)ether	7.06	93	4412	0.414	ng	98
9) Naphthalene	10.43	128	15227	0.398	ng	99
10) Hexachlorobutadiene	10.73	225	3652	0.414	ng	# 100
12) 2-Methylnaphthalene	12.05	142	10521	0.383	ng	99
16) Acenaphthylene	13.96	152	13842	0.323	ng	99
17) Acenaphthene	14.30	154	10163	0.391	ng	99
18) Fluorene	15.29	166	13449	0.380	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	5189	0.420	ng	99
21) Hexachlorobenzene	16.30	284	5412	0.449	ng	97
22) Pentachlorophenol	16.65	266	1796	0.482	ng	98
23) Phenanthrene	17.03	178	23695	0.415	ng	100
24) Anthracene	17.11	178	19356	0.340	ng	100
26) Fluoranthene	19.05	202	28513	0.394	ng	100
28) Pyrene	19.42	202	28627	0.377	ng	100
30) Benzo(a)anthracene	21.17	228	27781	0.360	ng	100
31) Chrysene	21.23	228	31119	0.409	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	8937	0.272	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	36795	0.408	ng	100
35) Benzo(b)fluoranthene	22.72	252	30684	0.392	ng	99
36) Benzo(k)fluoranthene	22.76	252	32546	0.412	ng	100
37) Benzo(a)pyrene	23.27	252	26994	0.366	ng	99
38) Dibenzo(a,h)anthracene	25.53	278	30236	0.408	ng	99
39) Benzo(g,h,i)perylene	26.16	276	28855	0.390	ng	99

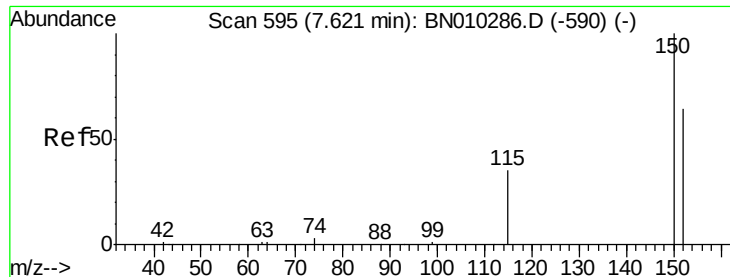
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010283.D
Acq On : 19 Mar 2020 10:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 19 15:17:42 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 15:04:26 2020
Response via : Initial Calibration



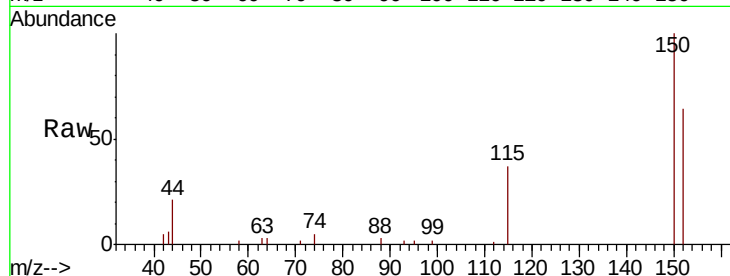


#1

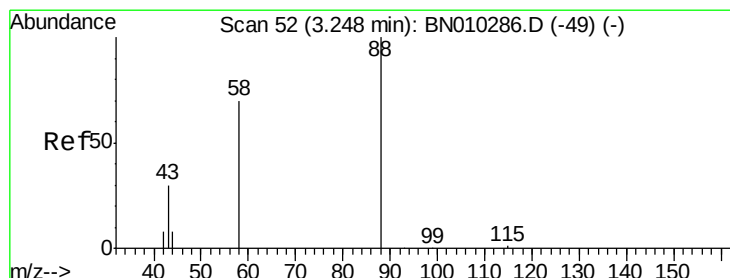
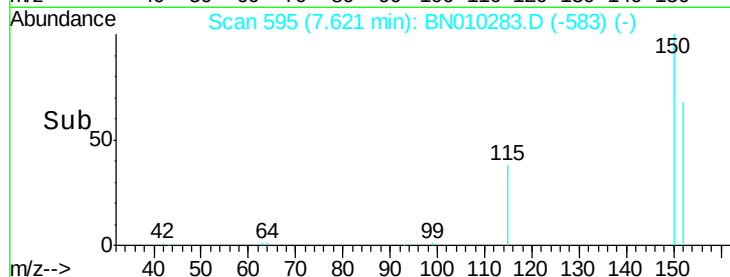
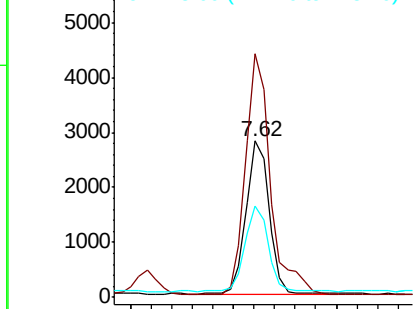
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4354
Ion Ratio Lower Upper
152 100
150 155.8 123.1 184.7
115 58.4 45.2 67.8



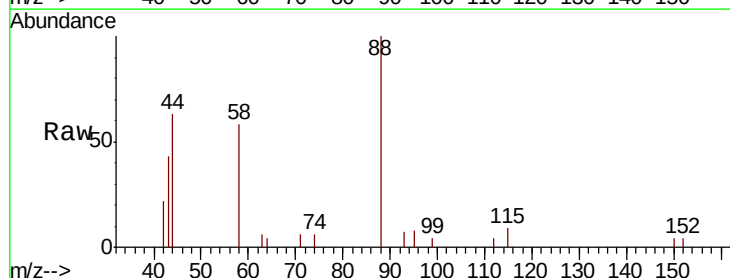
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



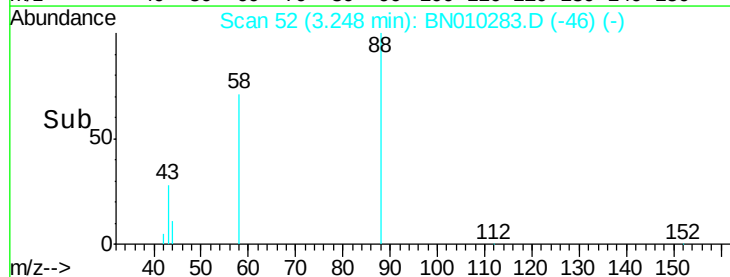
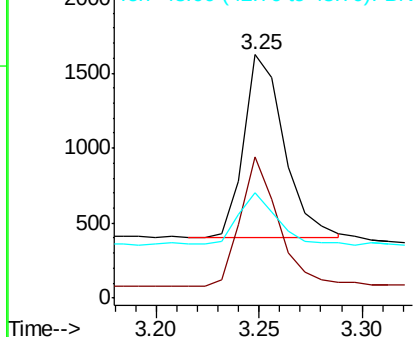
#2

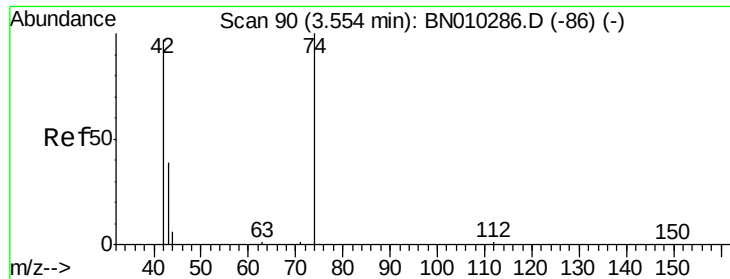
1,4-Dioxane
Concen: 0.392 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion: 88 Resp: 1664
Ion Ratio Lower Upper
88 100
58 66.9 51.7 77.5
43 26.0 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0



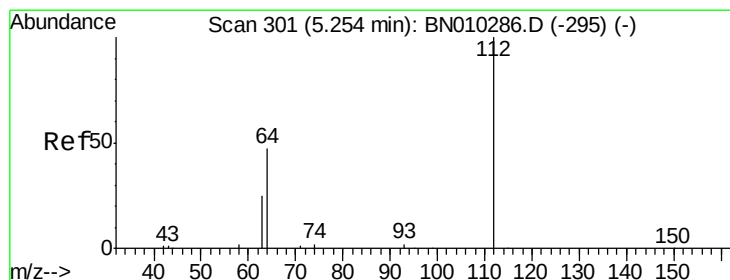
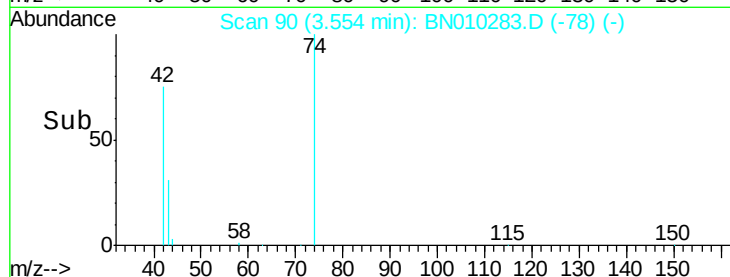
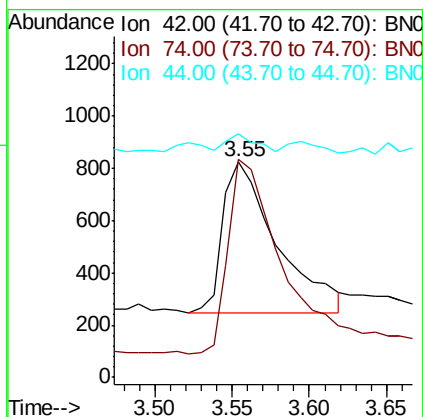
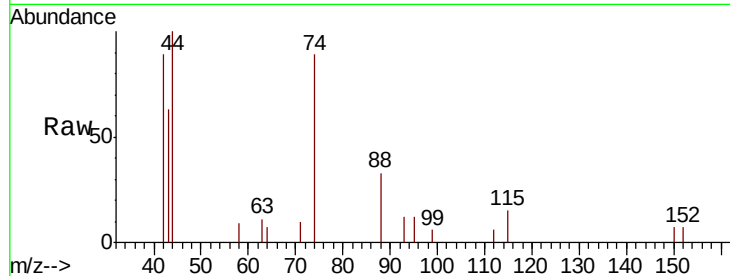


#3

n-Nitrosodimethylamine
 Concen: 0.370 ng
 RT: 3.55 min Scan# 90
 Delta R.T. -0.00 min
 Lab File: BN010283.D
 Acq: 19 Mar 2020 10:28

Instrument :
 BNA_N
 ClientSampleId :

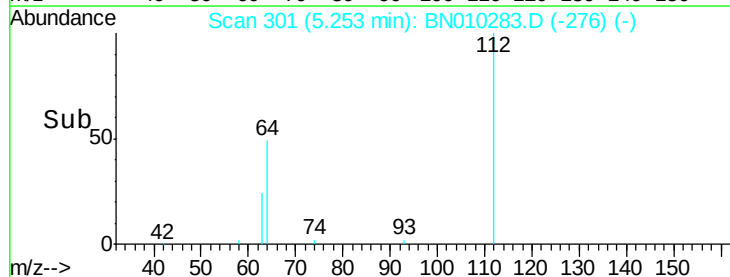
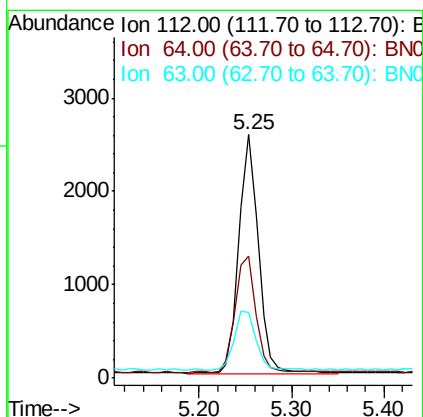
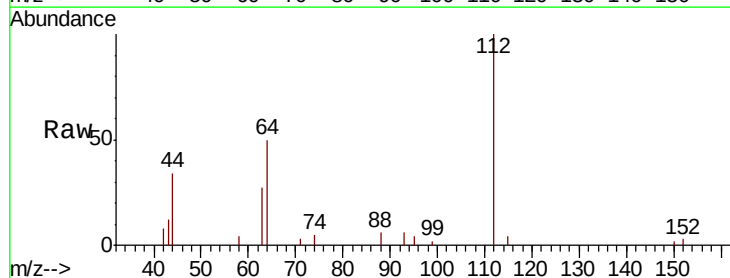
Tot Ion: 42 Resp: 1393
 Ion Ratio Lower Upper
 42 100
 74 128.1 99.4 149.0
 44 6.1 4.8 7.2

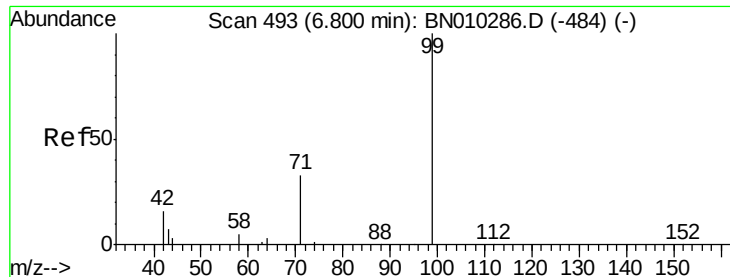


#4

2-Fluorophenol
 Concen: 0.364 ng
 RT: 5.25 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BN010283.D
 Acq: 19 Mar 2020 10:28

Tgt Ion: 112 Resp: 3721
 Ion Ratio Lower Upper
 112 100
 64 51.5 41.4 62.2
 63 27.1 22.9 34.3





#5

Phenol-d6

Concen: 0.352 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

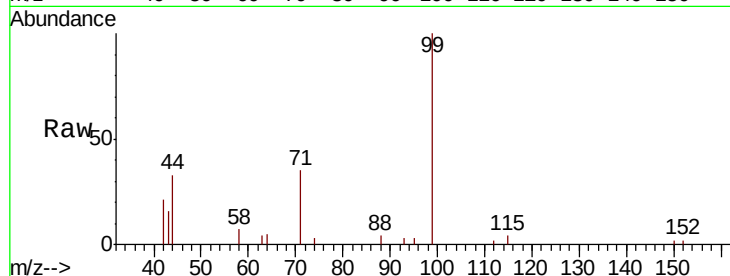
Tot Ion: 99 Resp: 4500

Ion Ratio Lower Upper

99 100

42 20.0 14.8 22.2

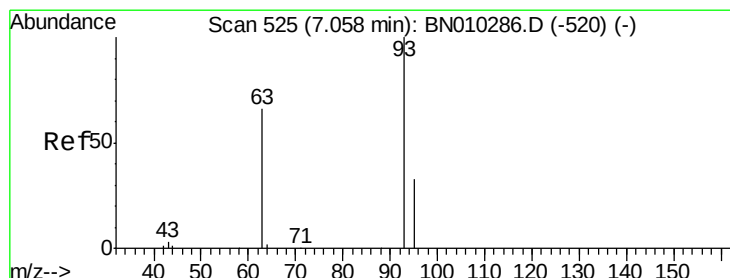
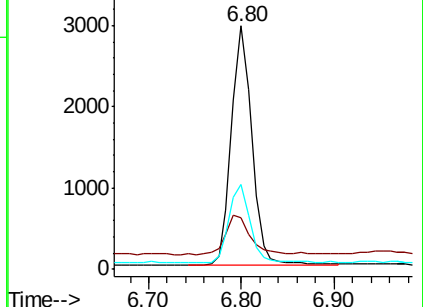
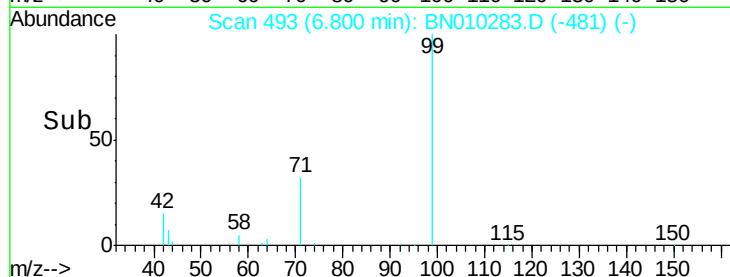
71 33.8 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010283.D (-481) (-)

Ion 42.00 (41.70 to 42.70): BN010283.D (-481) (-)

Ion 71.00 (70.70 to 71.70): BN010283.D (-481) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.414 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

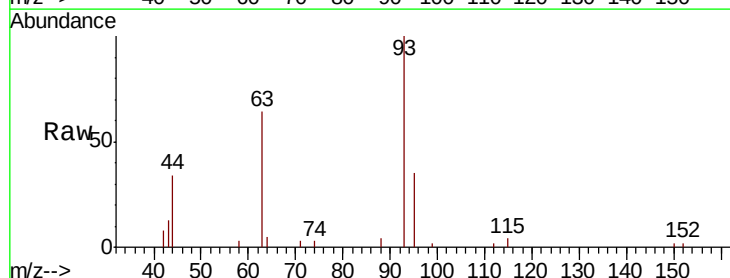
Tgt Ion: 93 Resp: 4412

Ion Ratio Lower Upper

93 100

63 67.1 55.6 83.4

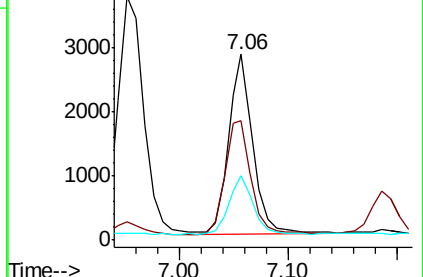
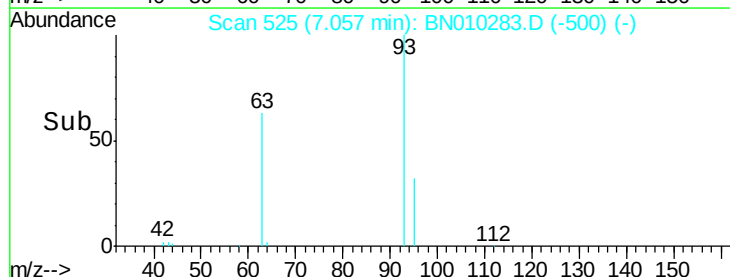
95 32.9 26.2 39.4

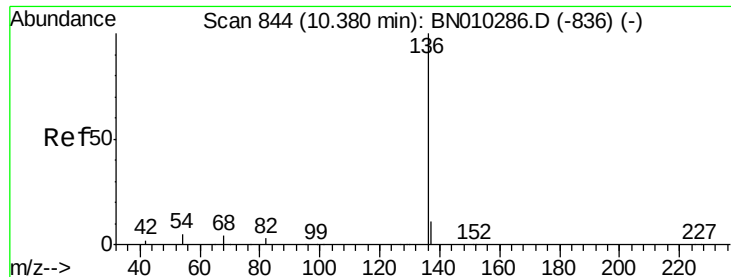


Abundance Ion 93.00 (92.70 to 93.70): BN010283.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010283.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010283.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15278

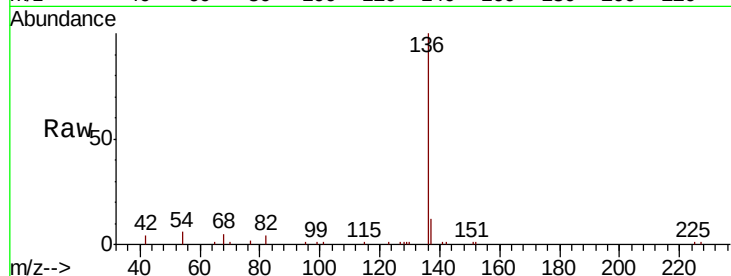
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 6.1 4.8 7.2

68 5.4 4.1 6.1

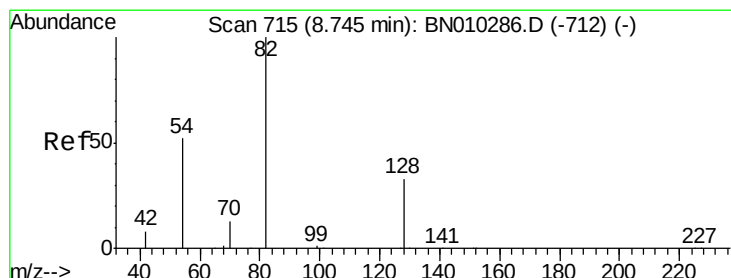
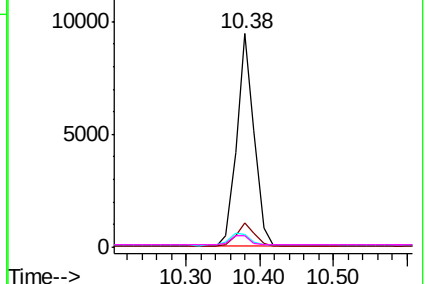
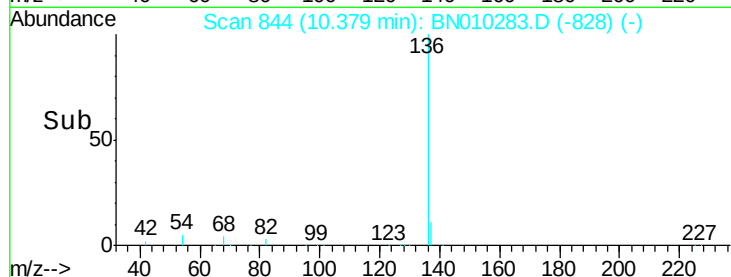


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.425 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

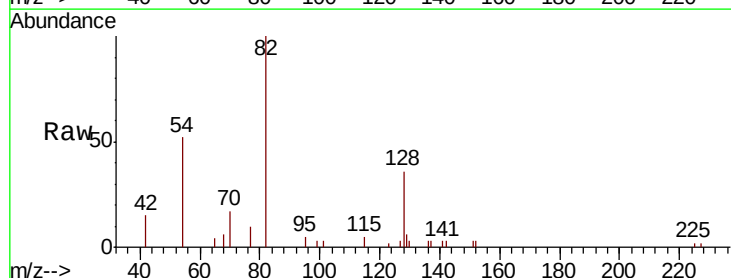
Tgt Ion: 82 Resp: 3898

Ion Ratio Lower Upper

82 100

128 36.1 28.8 43.2

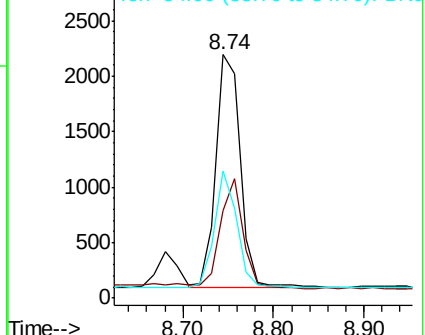
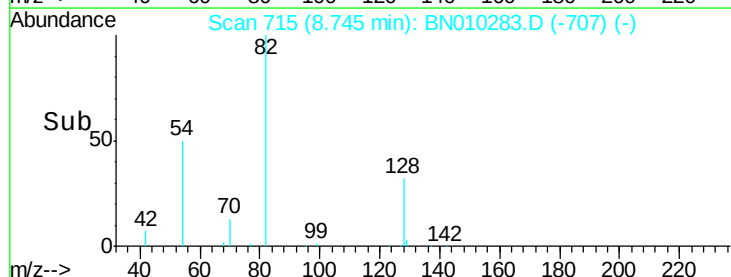
54 52.1 42.1 63.1

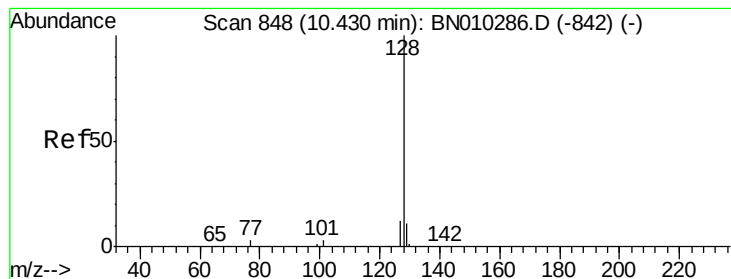


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

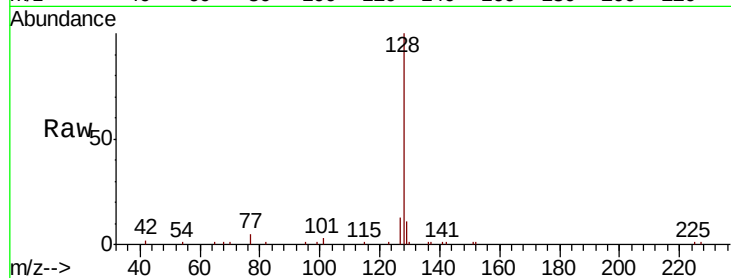
Tot Ion:128 Resp: 15227

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

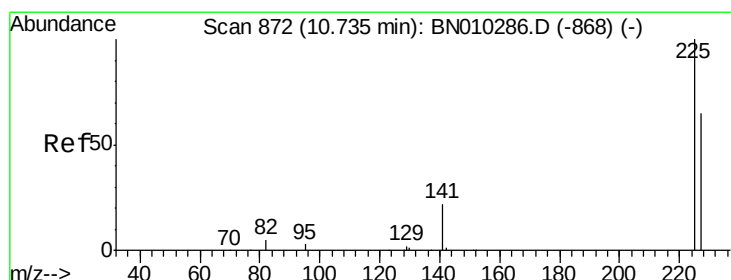
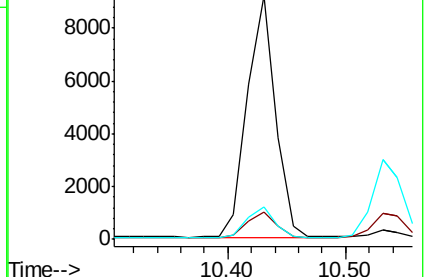
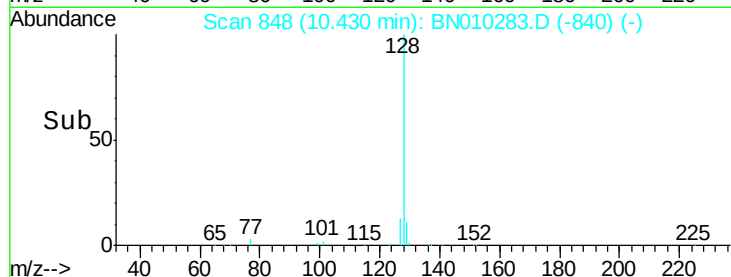
127 13.4 10.4 15.6



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: 0.414 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

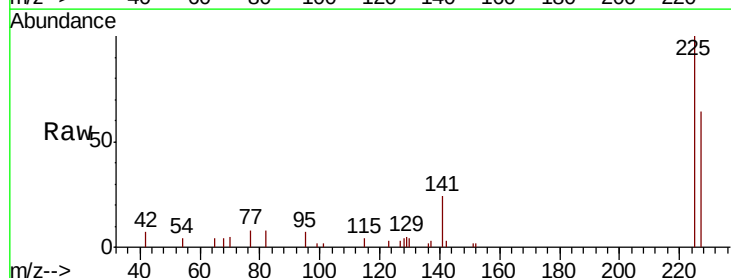
Tgt Ion:225 Resp: 3652

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

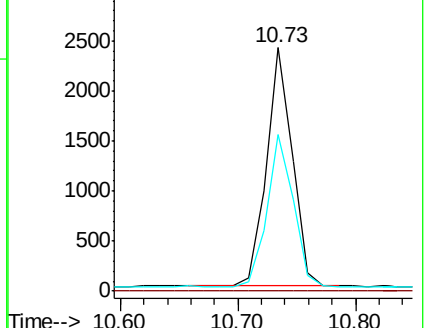
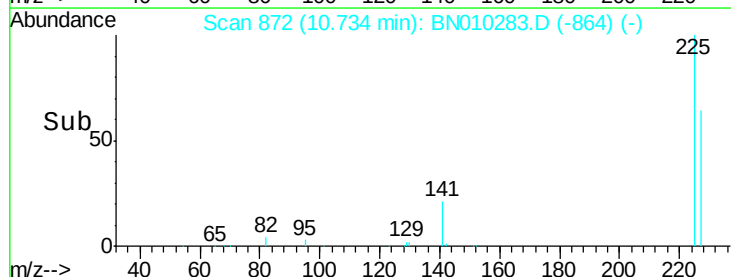
227 64.5 51.9 77.9

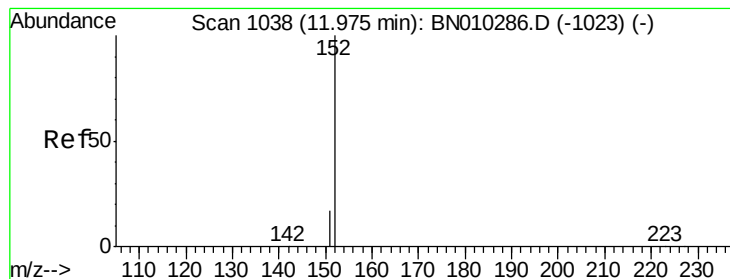


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 11.97 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

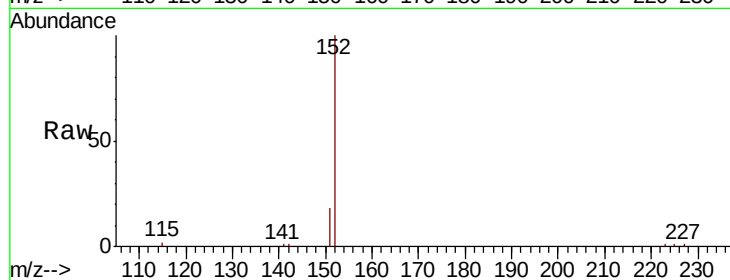
ClientSampleId :

Tot Ion:152 Resp: 9579

Ion Ratio Lower Upper

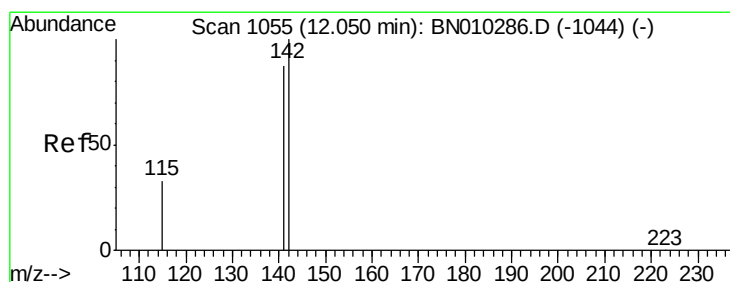
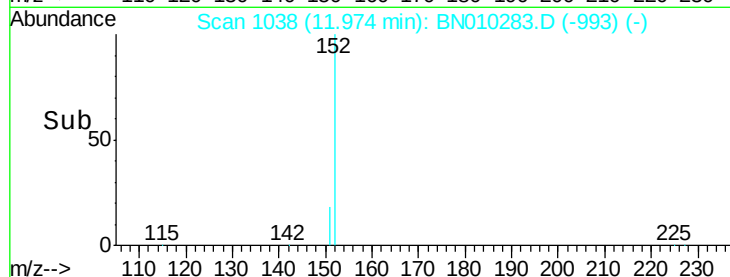
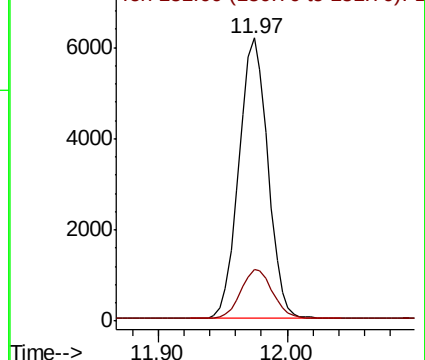
152 100

151 19.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

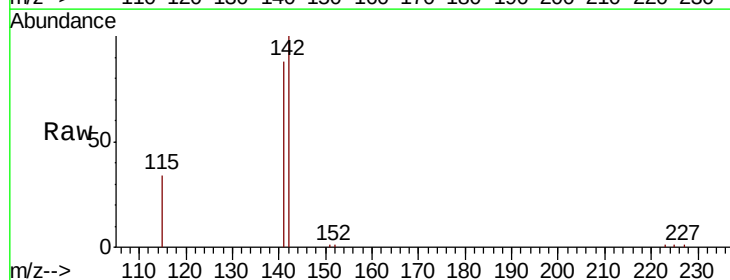
Tgt Ion:142 Resp: 10521

Ion Ratio Lower Upper

142 100

141 87.7 69.5 104.3

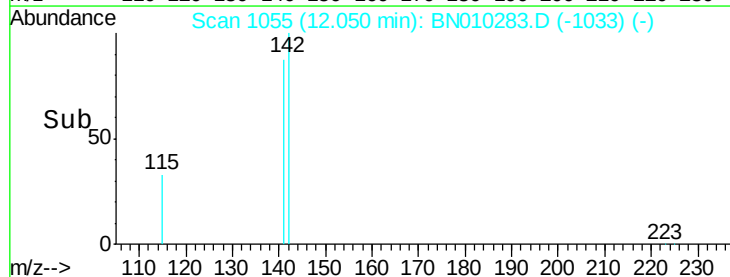
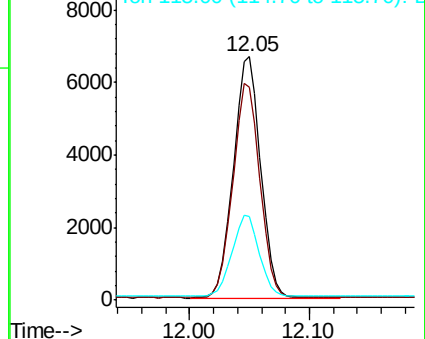
115 34.2 27.5 41.3

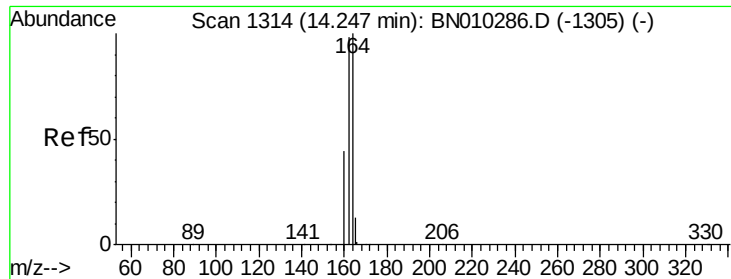


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

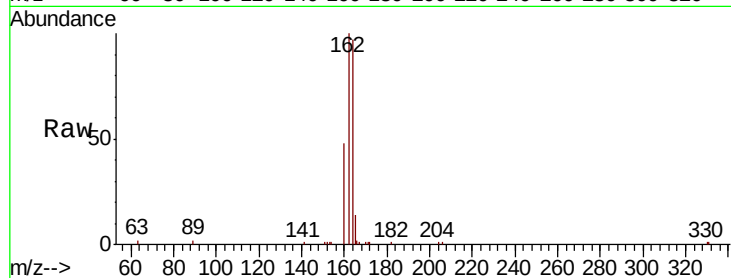
Tot Ion:164 Resp: 9273

Ion Ratio Lower Upper

164 100

162 102.9 78.2 117.2

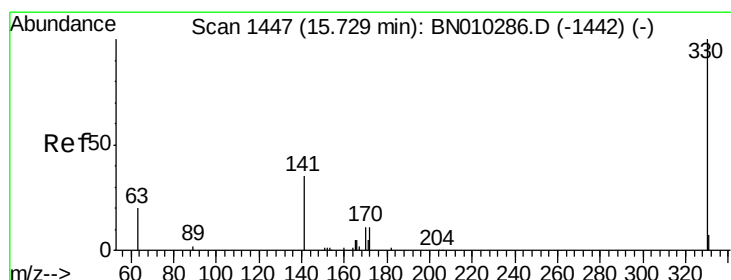
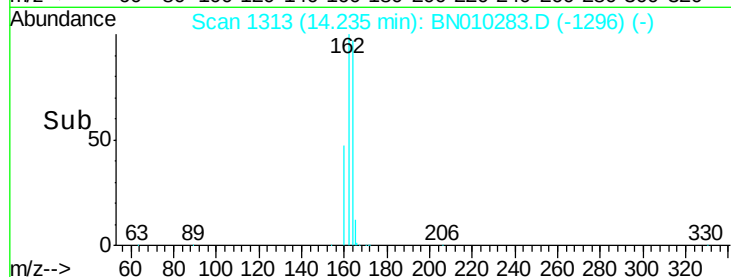
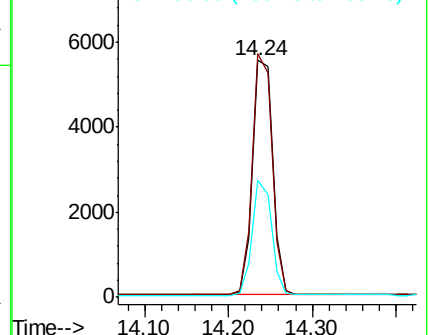
160 49.2 35.8 53.6



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: 0.434 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

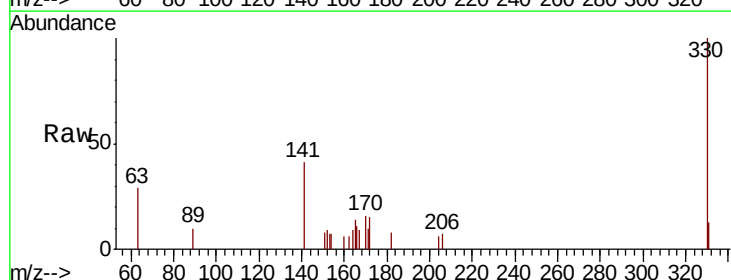
Tgt Ion:330 Resp: 1441

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

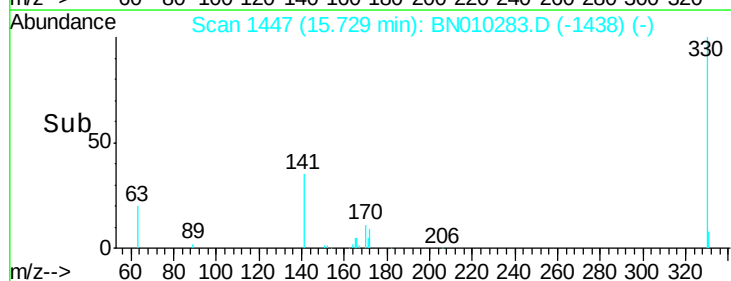
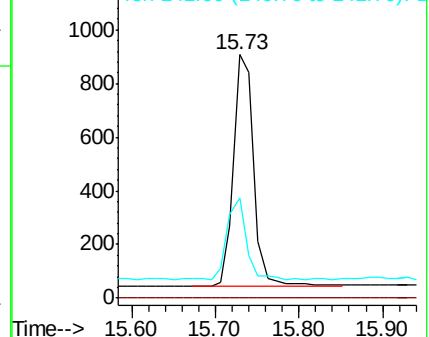
141 33.1 29.3 43.9

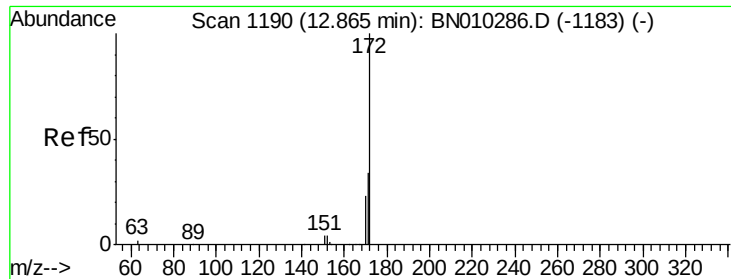


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

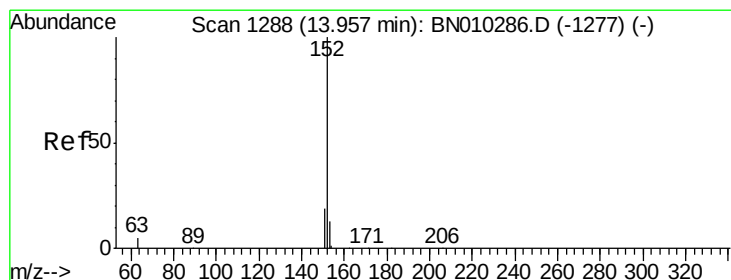
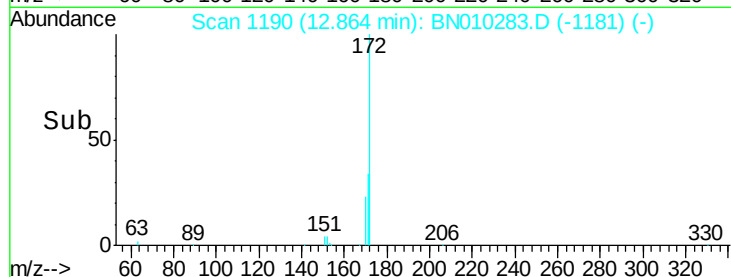
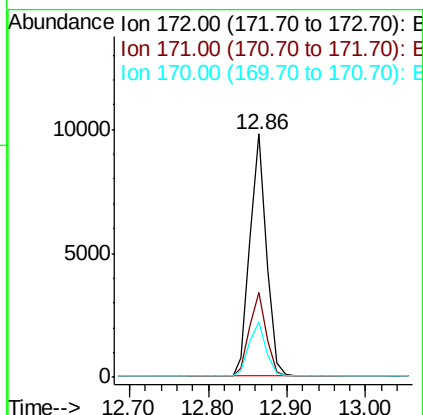
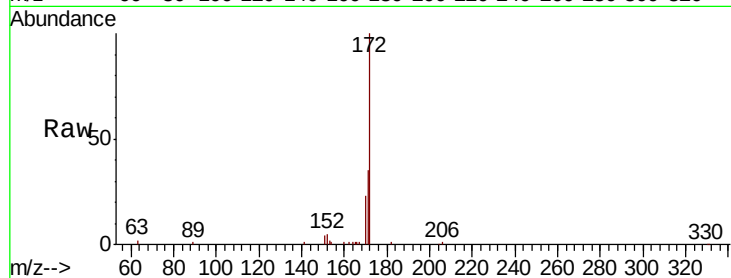




#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

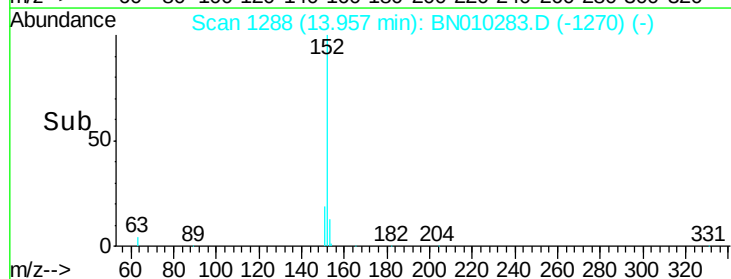
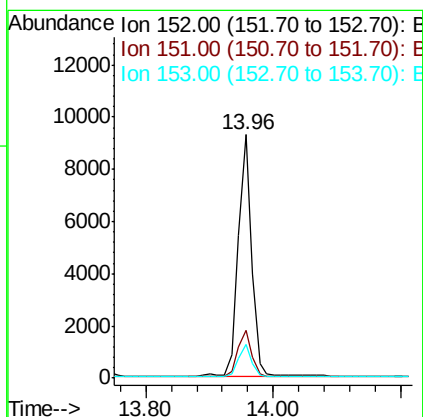
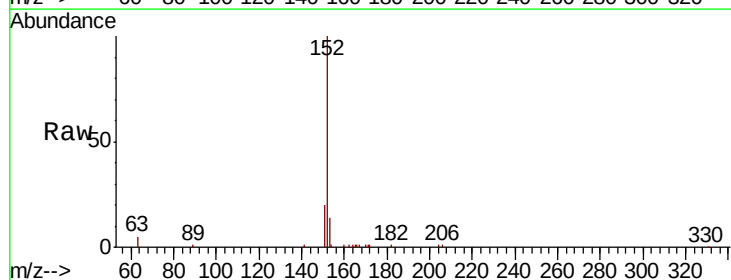
Instrument :
BNA_N
ClientSampleId :

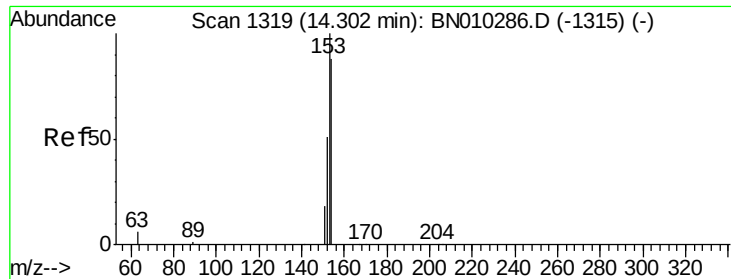
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.6	41.4
170	22.9	18.5	27.7



#16
Acenaphthylene
Concen: 0.323 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	12.9	10.6	15.8





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampled :

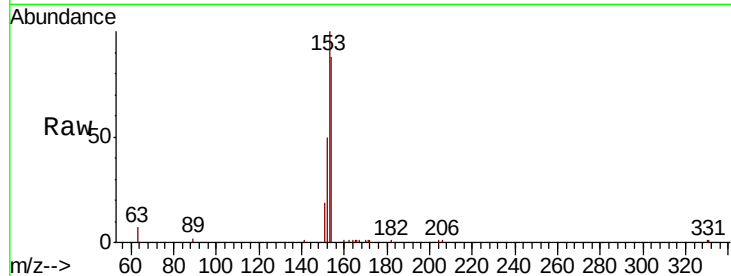
Tot Ion:154 Resp: 10163

Ion Ratio Lower Upper

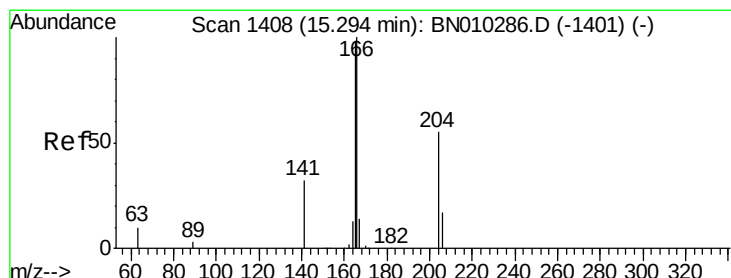
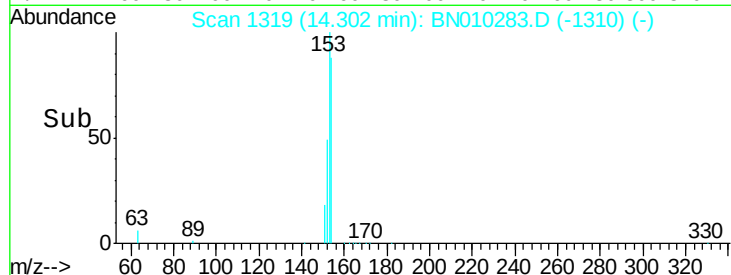
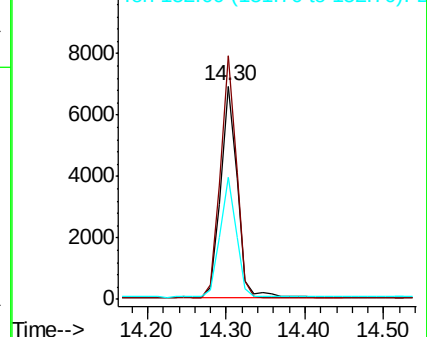
154 100

153 109.7 88.1 132.1

152 55.7 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: 0.380 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

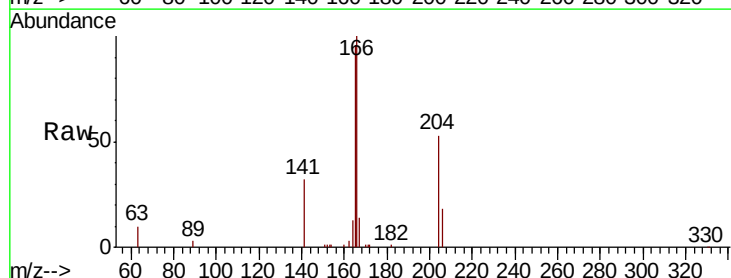
Tgt Ion:166 Resp: 13449

Ion Ratio Lower Upper

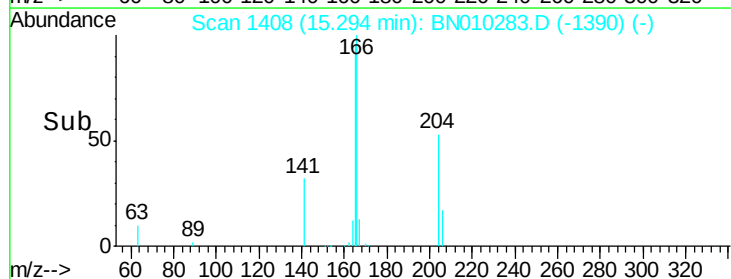
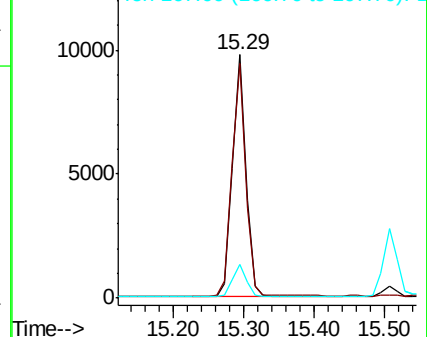
166 100

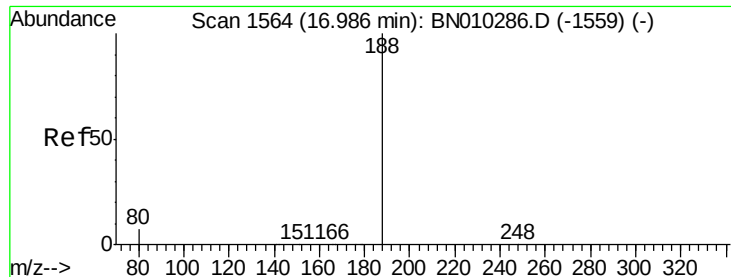
165 97.2 78.7 118.1

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: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

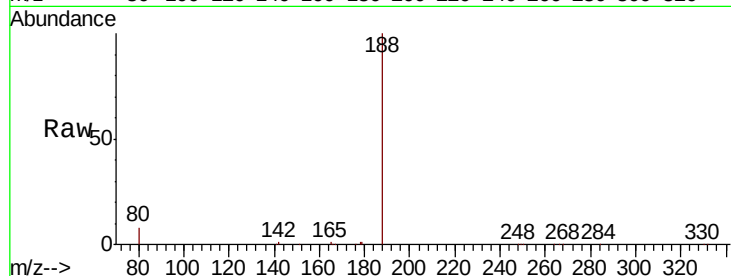
Tot Ion:188 Resp: 21514

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

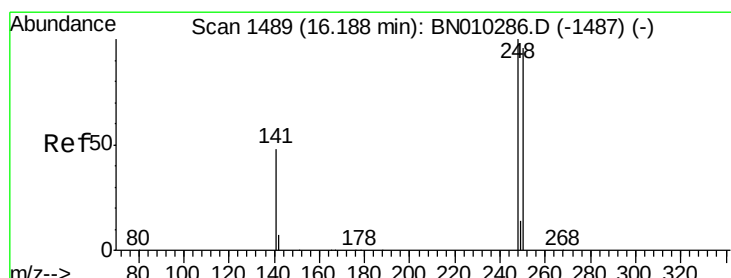
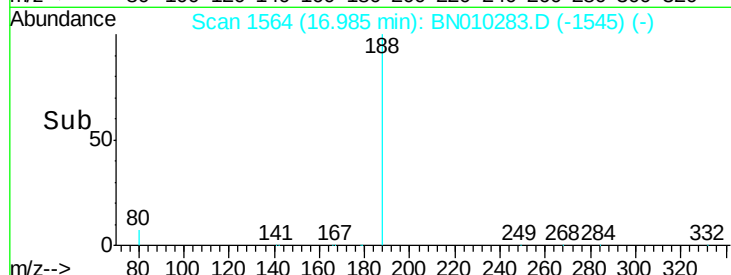
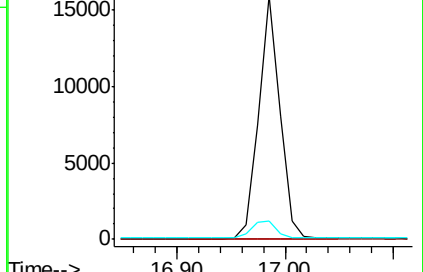
80 7.6 6.0 9.0



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: 0.420 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

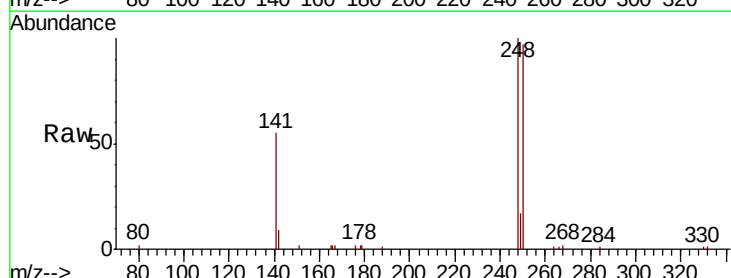
Tgt Ion:248 Resp: 5189

Ion Ratio Lower Upper

248 100

250 96.7 76.8 115.2

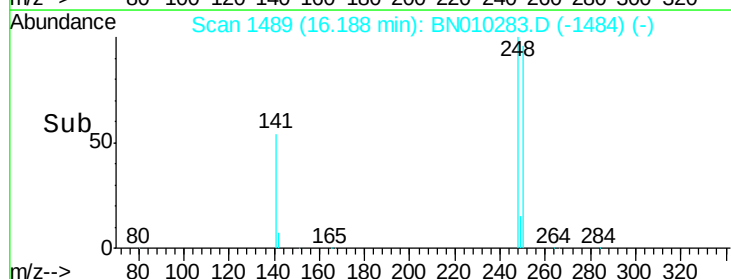
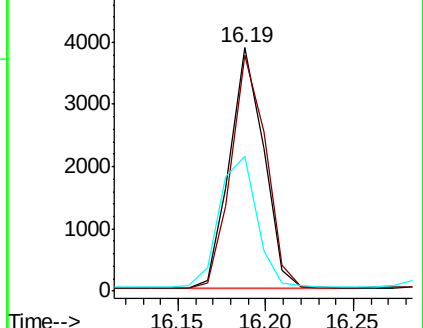
141 55.3 44.4 66.6

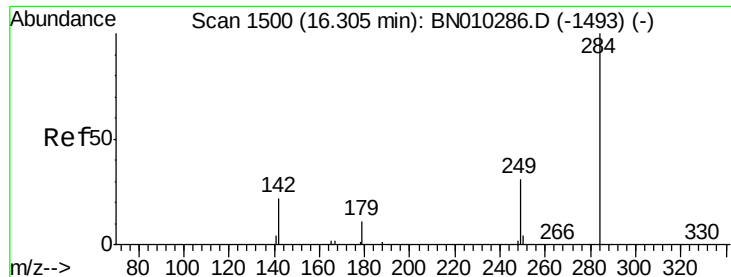


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

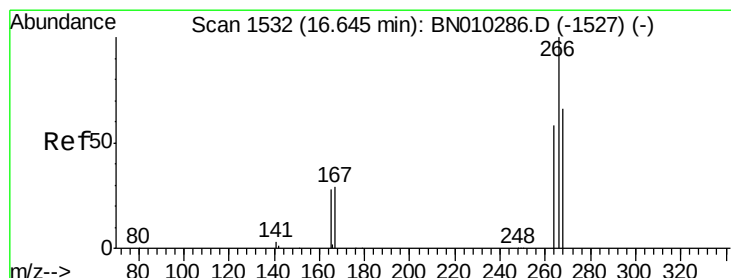
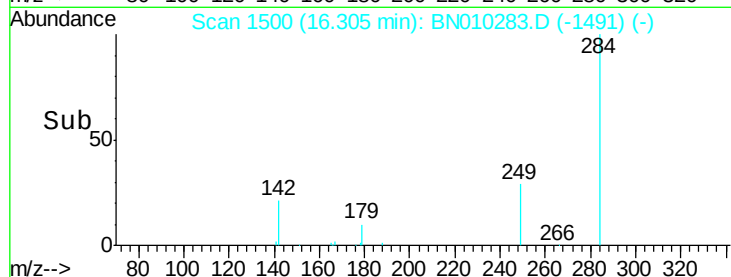
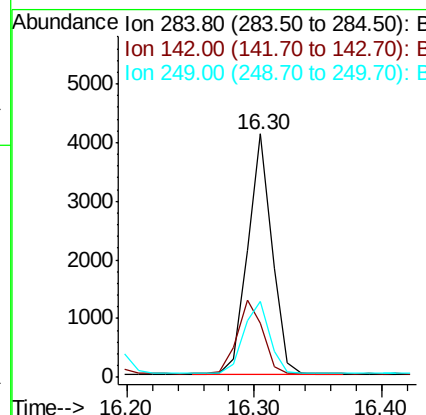
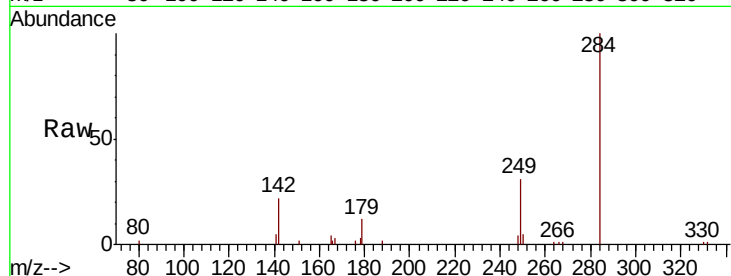




#21
Hexachlorobenzene
Concen: 0.449 ng
RT: 16.30 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

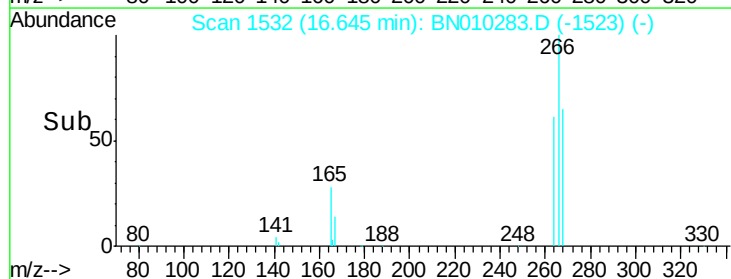
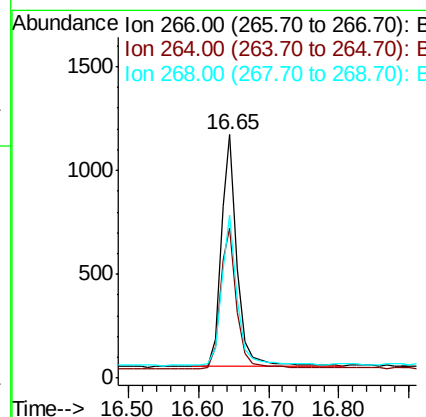
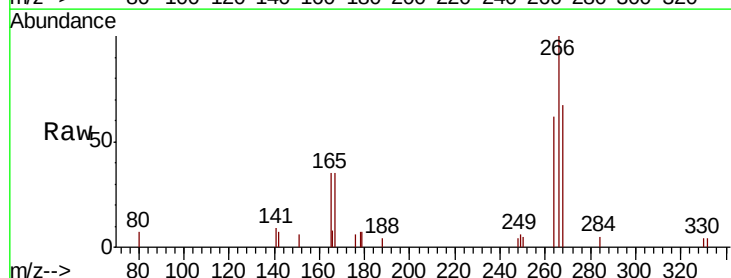
Instrument :
BNA_N
ClientSampleId :

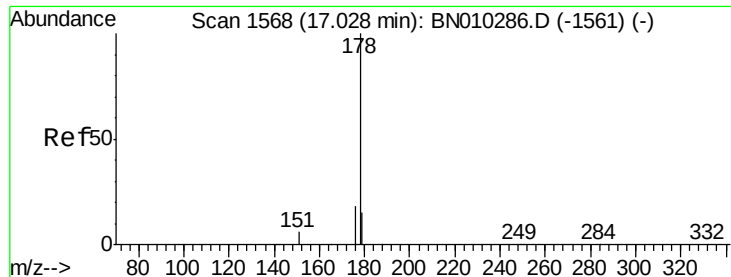
Tot Ion:284 Resp: 5412
Ion Ratio Lower Upper
284 100
142 32.4 27.4 41.2
249 31.8 26.5 39.7



#22
Pentachlorophenol
Concen: 0.482 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:266 Resp: 1796
Ion Ratio Lower Upper
266 100
264 61.7 47.7 71.5
268 67.1 54.9 82.3





#23

Phenanthrene

Concen: 0.415 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

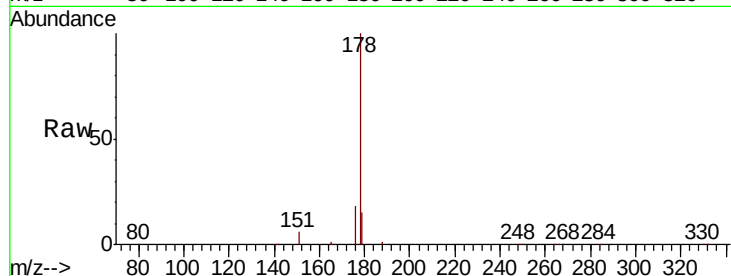
Tot Ion:178 Resp: 23695

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

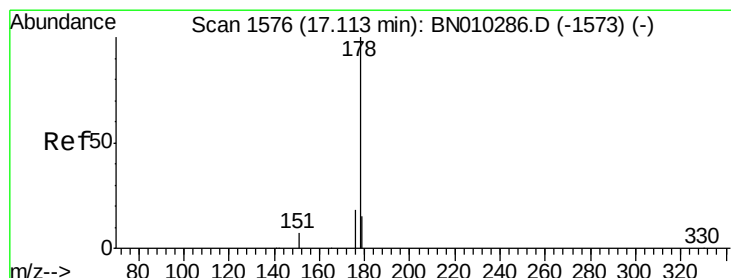
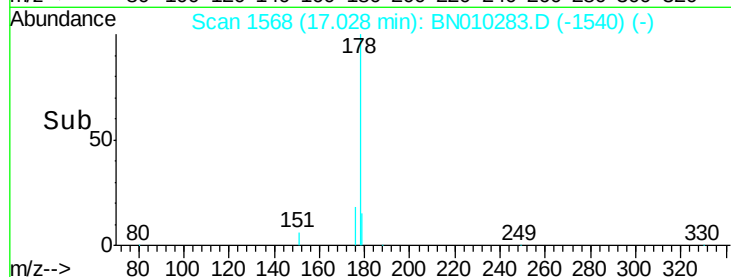
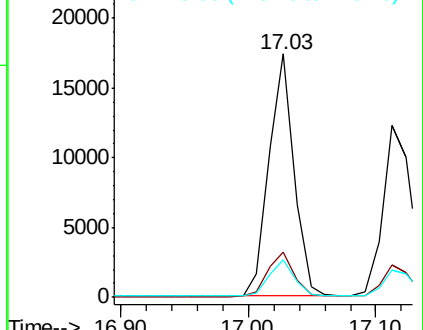
179 15.2 12.4 18.6



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: 0.340 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

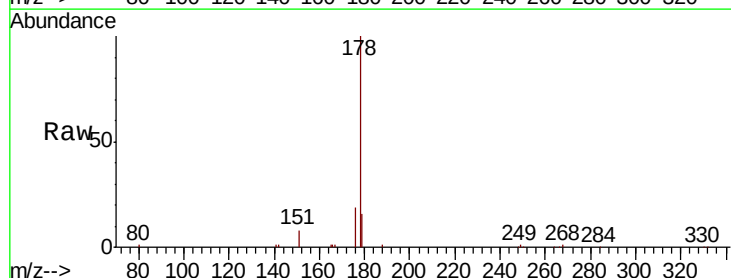
Tgt Ion:178 Resp: 19356

Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

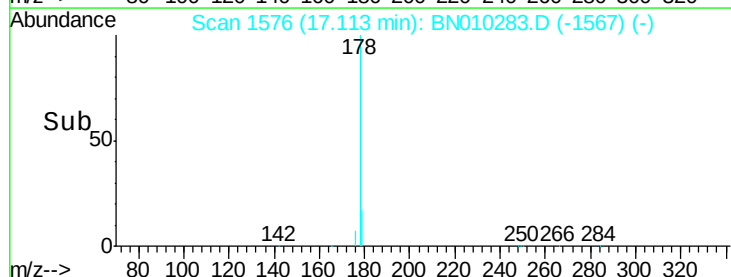
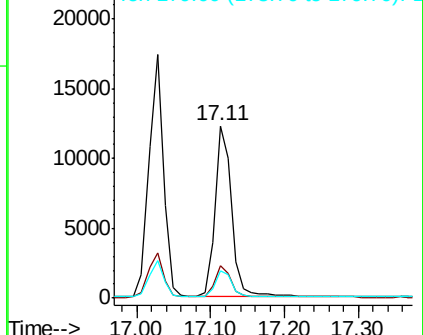
179 15.6 12.3 18.5

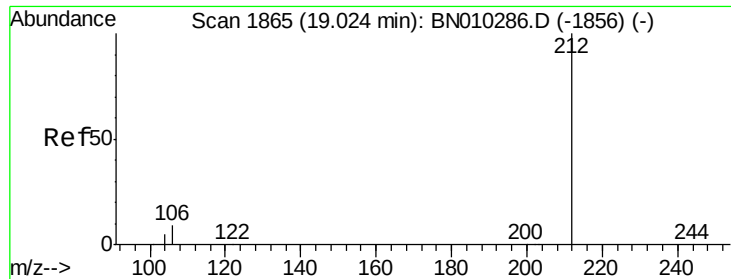


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

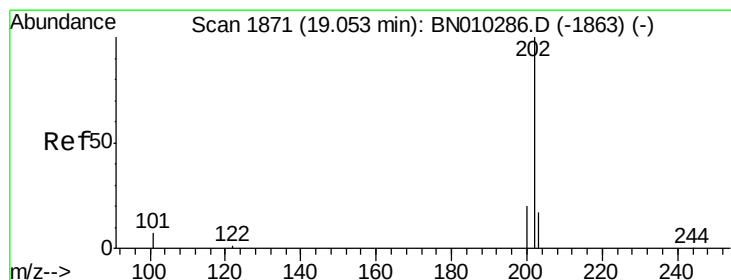
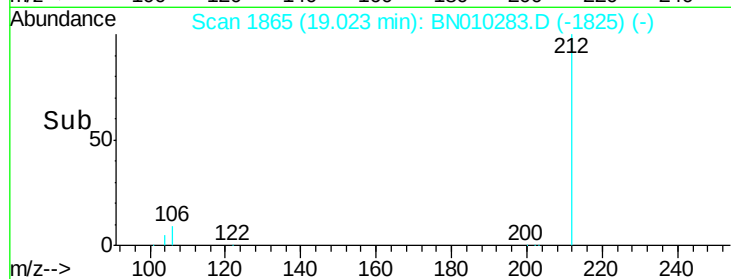
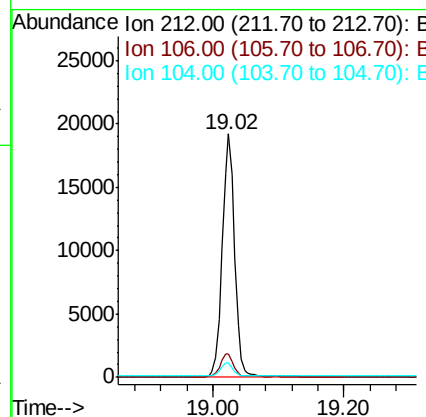
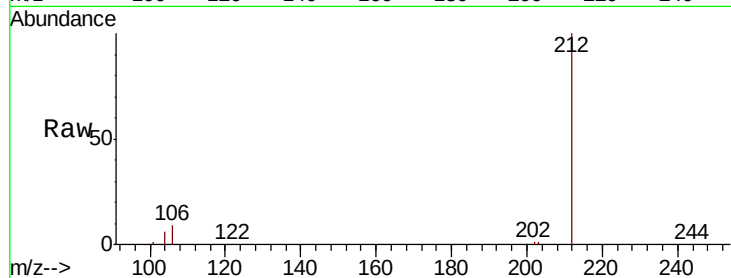




#25
 Fluoranthene-d10
 Concen: 0.381 ng
 RT: 19.02 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BN010283.D
 Acq: 19 Mar 2020 10:28

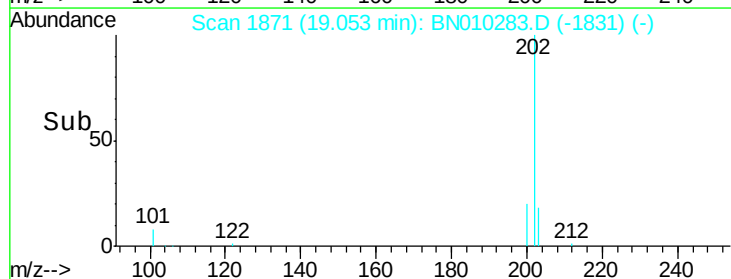
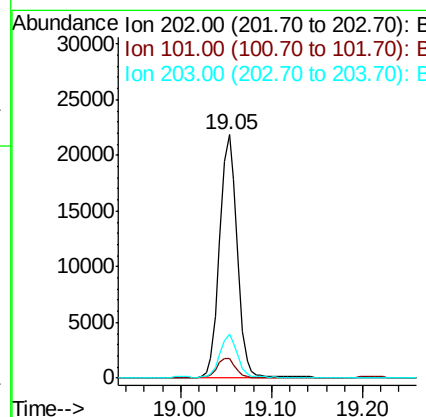
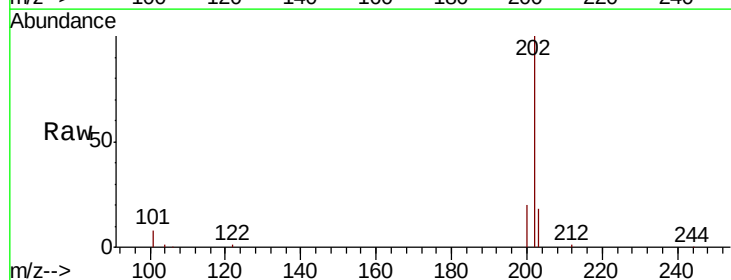
Instrument :
 BNA_N
 ClientSampleId :

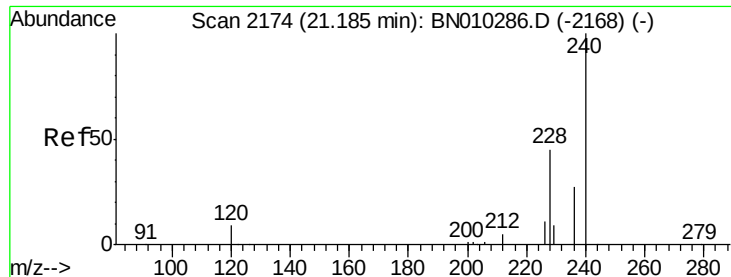
Tot Ion:212 Resp: 25298
 Ion Ratio Lower Upper
 212 100
 106 9.6 7.4 11.2
 104 5.6 4.2 6.4



#26
 Fluoranthene
 Concen: 0.394 ng
 RT: 19.05 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: BN010283.D
 Acq: 19 Mar 2020 10:28

Tgt Ion:202 Resp: 28513
 Ion Ratio Lower Upper
 202 100
 101 8.2 6.6 9.8
 203 17.1 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.18 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

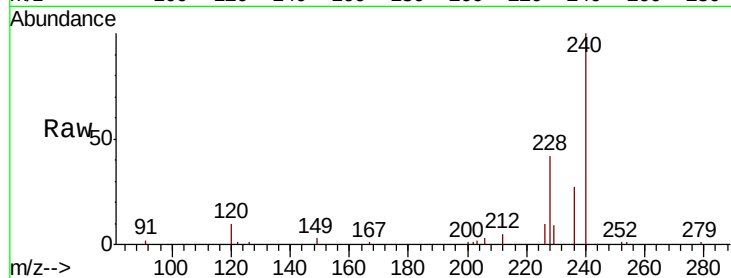
Tot Ion:240 Resp: 22730

Ion Ratio Lower Upper

240 100

120 9.7 7.9 11.9

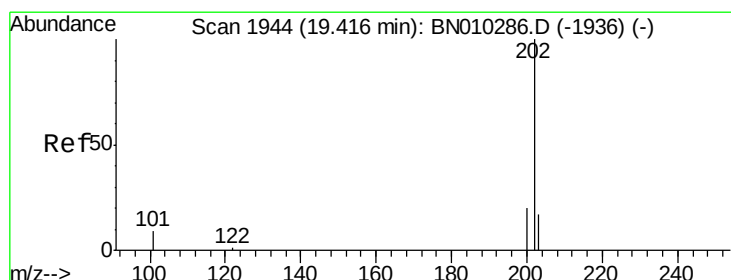
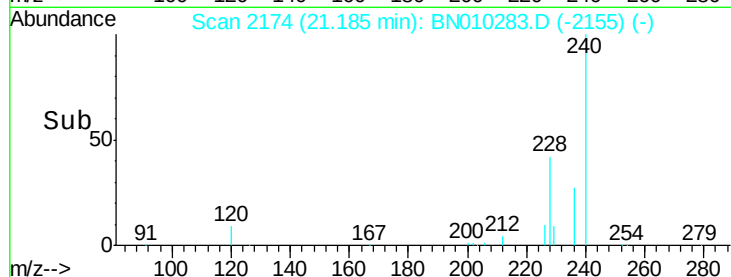
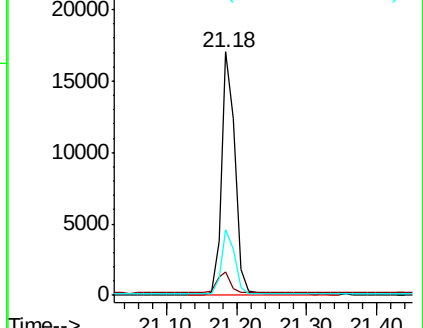
236 27.2 22.2 33.4



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: 0.377 ng

RT: 19.42 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

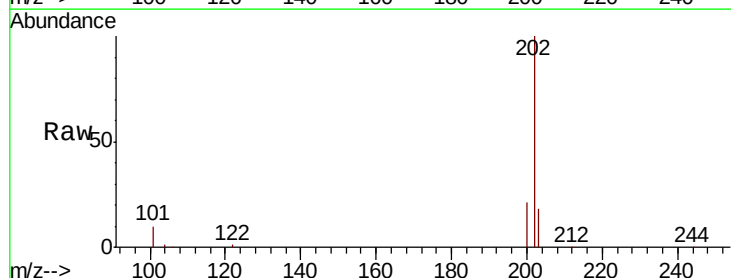
Tgt Ion:202 Resp: 28627

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

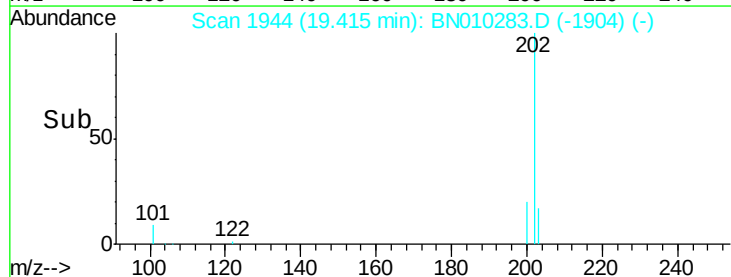
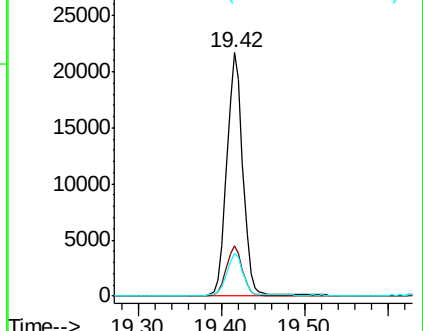
203 17.6 14.2 21.2

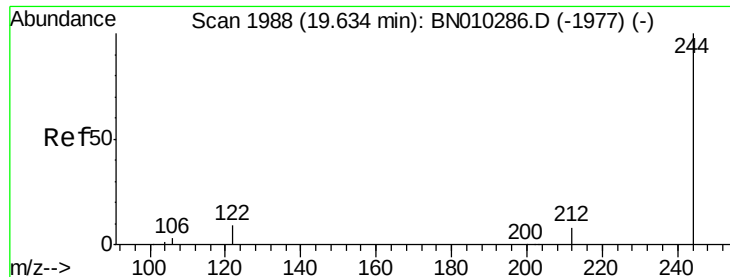


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

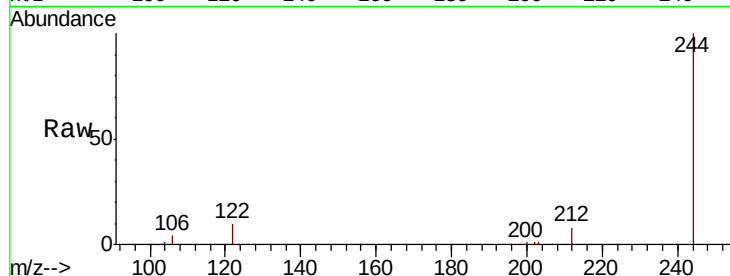
Tot Ion:244 Resp: 19959

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

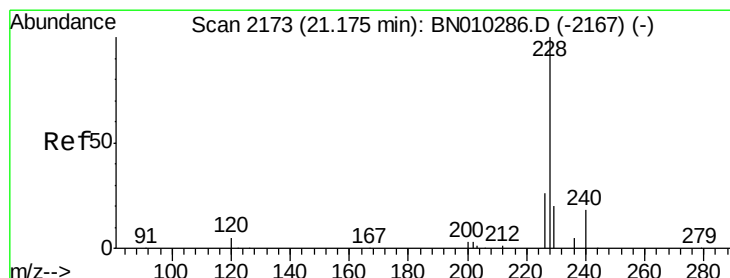
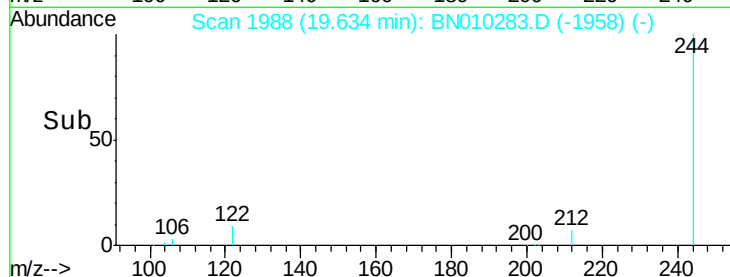
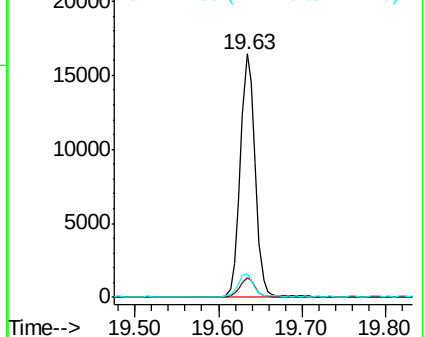
122 9.7 7.6 11.4



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: 0.360 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

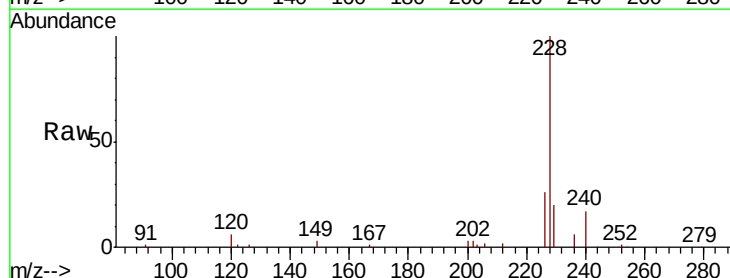
Tgt Ion:228 Resp: 27781

Ion Ratio Lower Upper

228 100

226 26.2 21.0 31.4

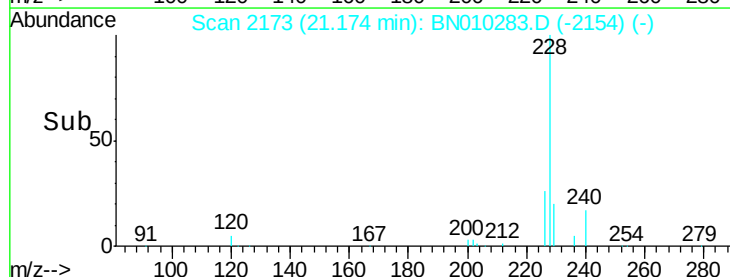
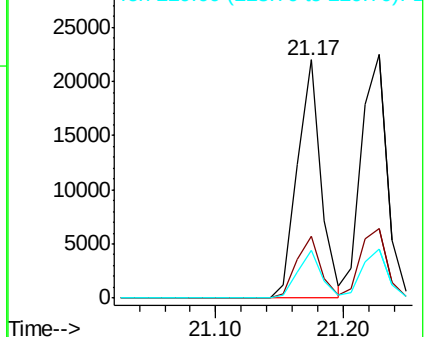
229 20.0 16.0 24.0

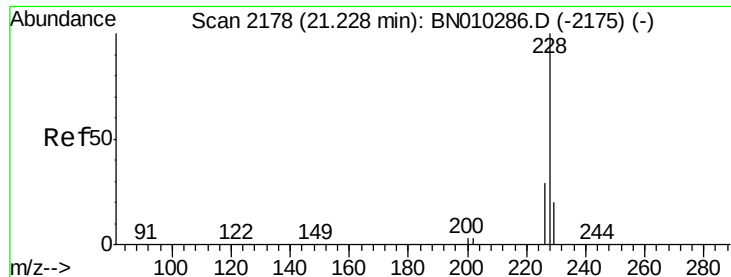


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

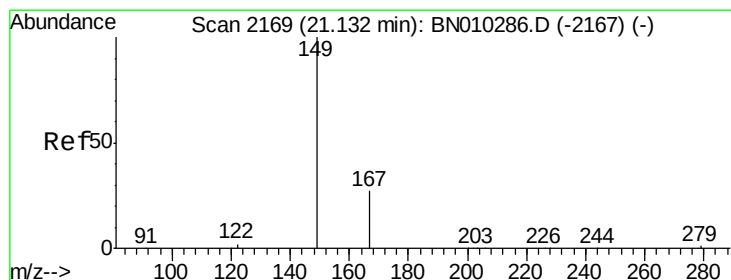
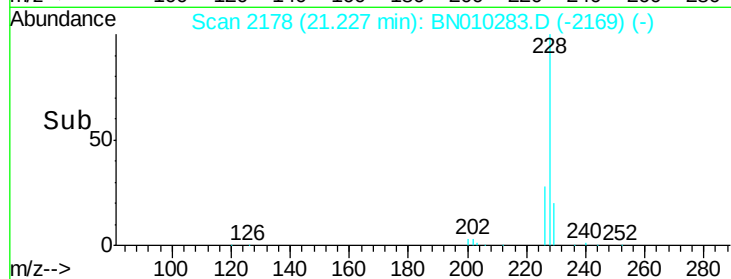
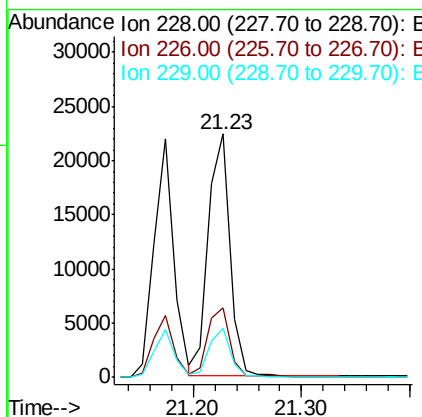
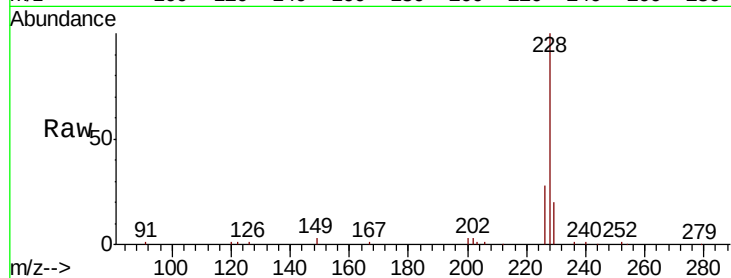




#31
 Chrysene
 Concen: 0.409 ng
 RT: 21.23 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BN010283.D
 Acq: 19 Mar 2020 10:28

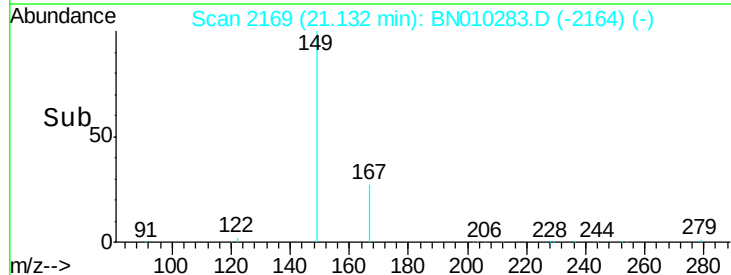
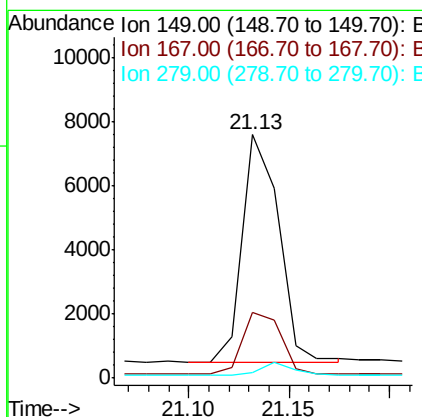
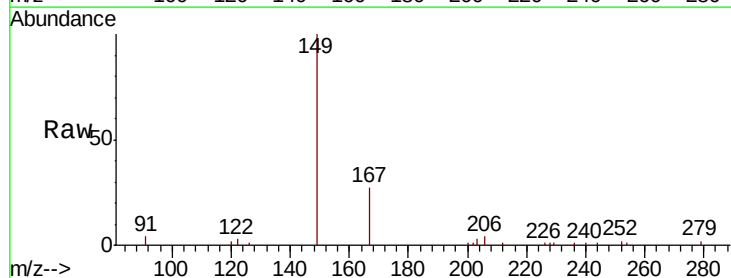
Instrument :
 BNA_N
 ClientSampleId :

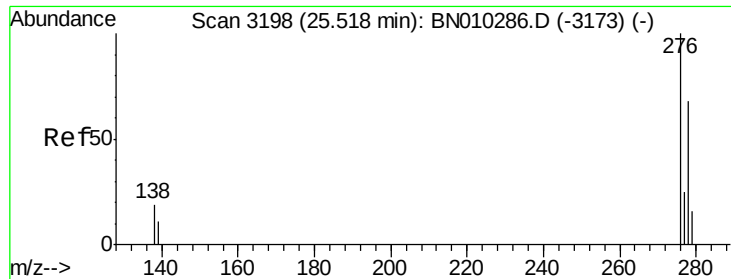
Tot Ion:228 Resp: 31119
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.0 34.6
 229 20.1 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.272 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BN010283.D
 Acq: 19 Mar 2020 10:28

Tgt Ion:149 Resp: 8937
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.0 34.6
 279 5.0 3.8 5.8

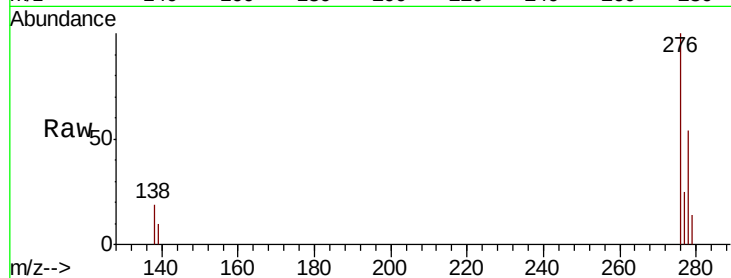




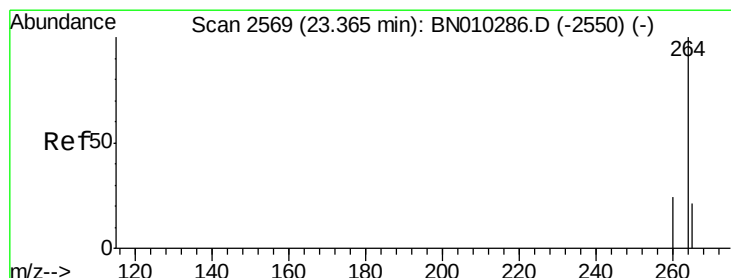
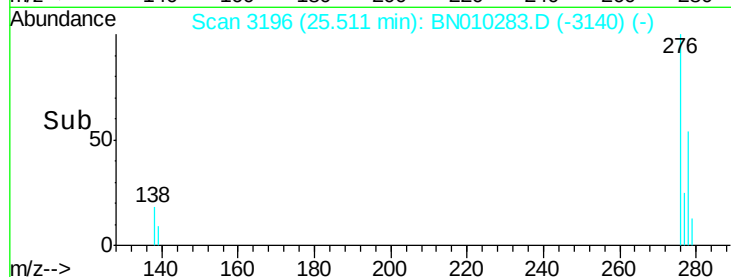
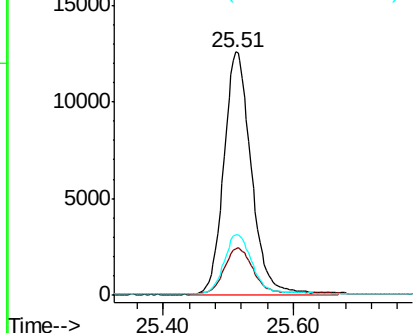
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 25.51 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 36795
Ion Ratio Lower Upper
276 100
138 19.7 15.6 23.4
277 25.1 20.1 30.1

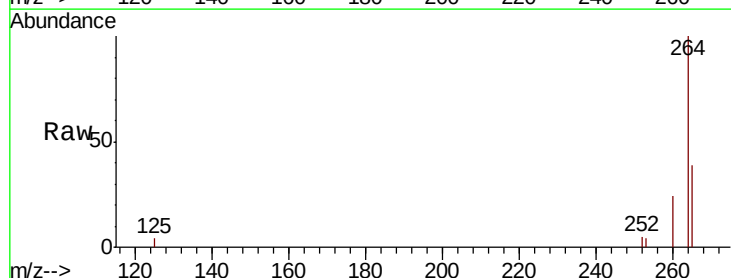


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

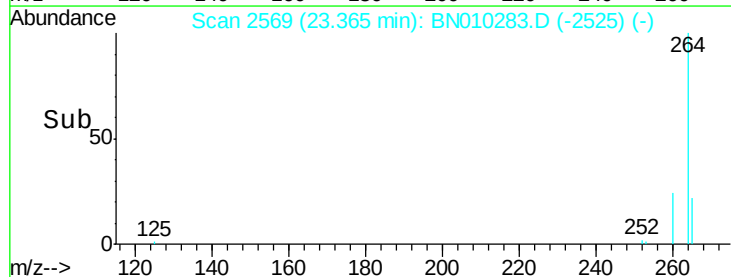
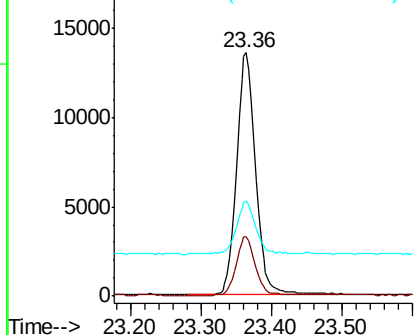


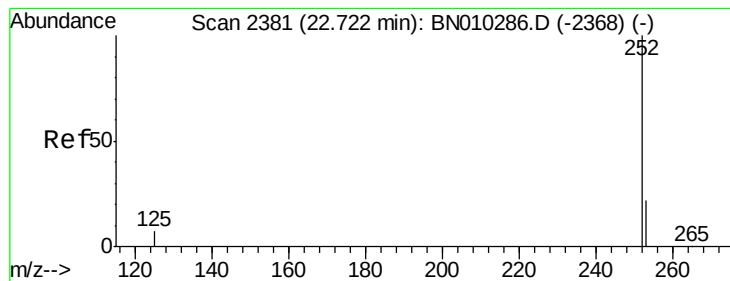
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2569
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:264 Resp: 25443
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 38.8 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: 0.392 ng

RT: 22.72 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

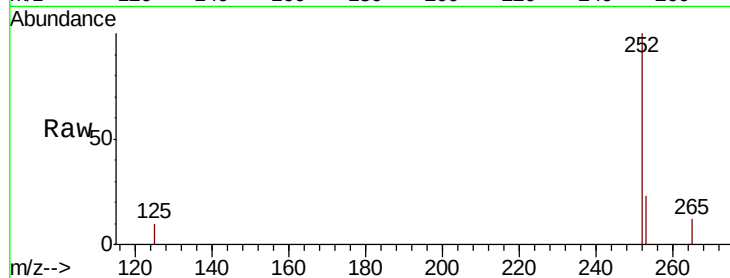
Tot Ion:252 Resp: 30684

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

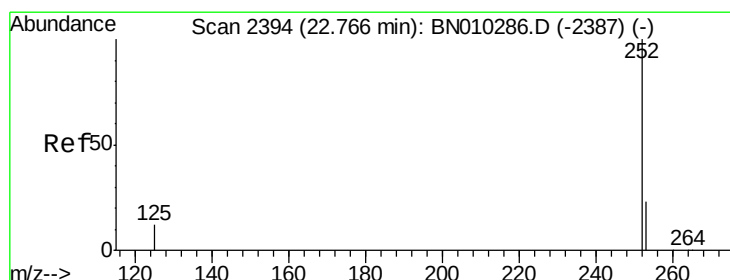
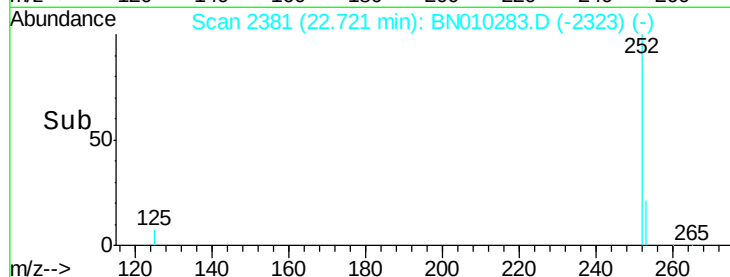
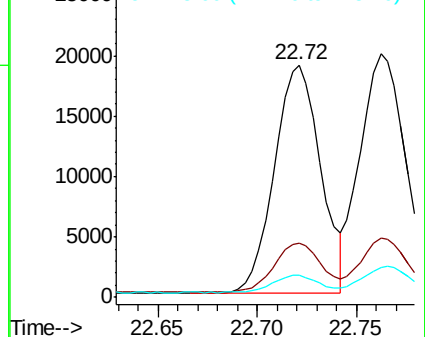
125 9.5 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.412 ng

RT: 22.76 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

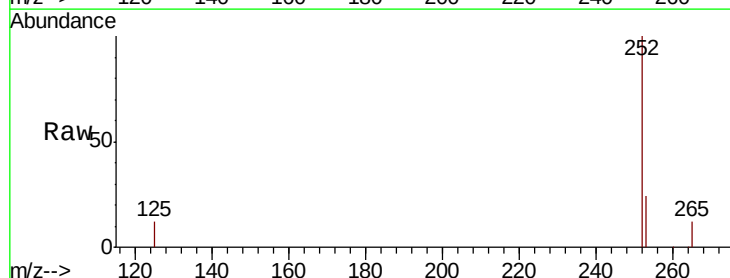
Tgt Ion:252 Resp: 32546

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.0

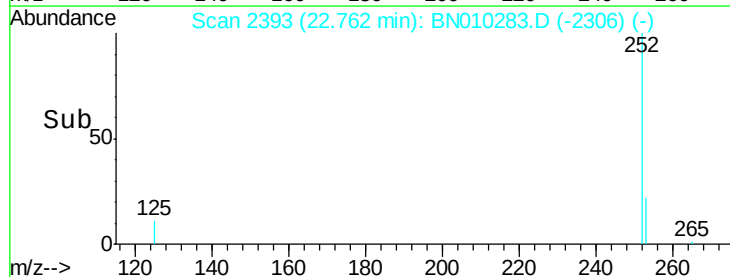
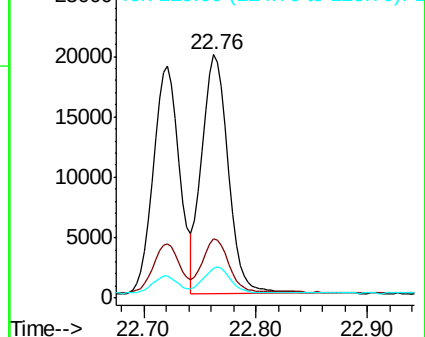
125 12.4 10.2 15.2

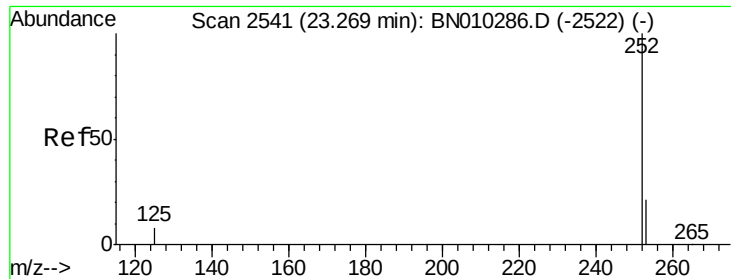


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.366 ng

RT: 23.27 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

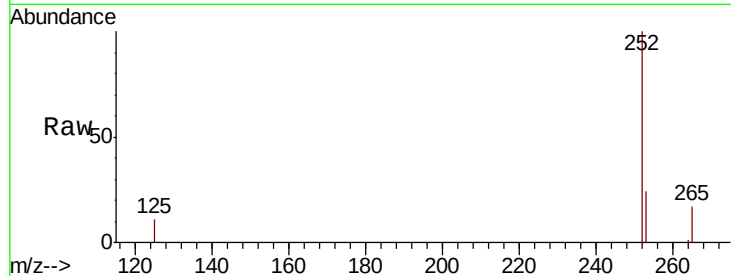
Tot Ion:252 Resp: 26994

Ion Ratio Lower Upper

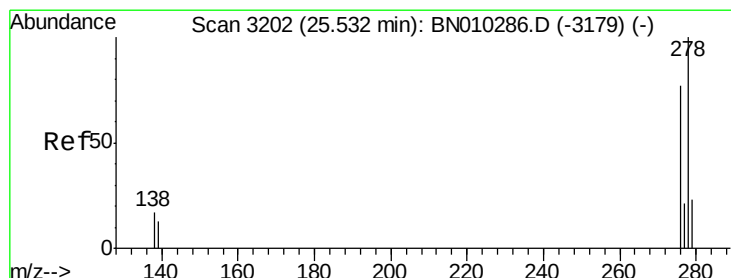
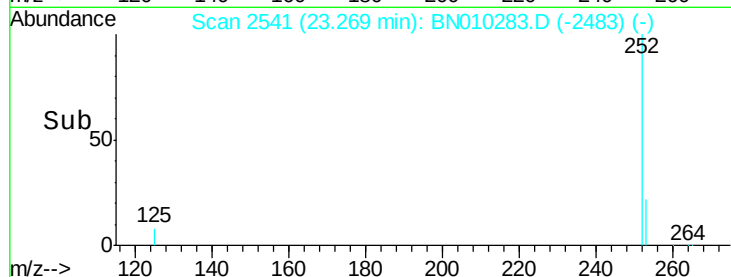
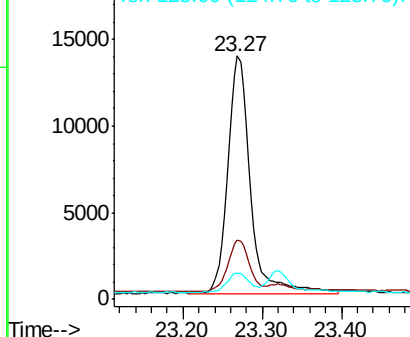
252 100

253 24.5 19.9 29.9

125 10.8 8.9 13.3



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: 0.408 ng

RT: 25.53 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

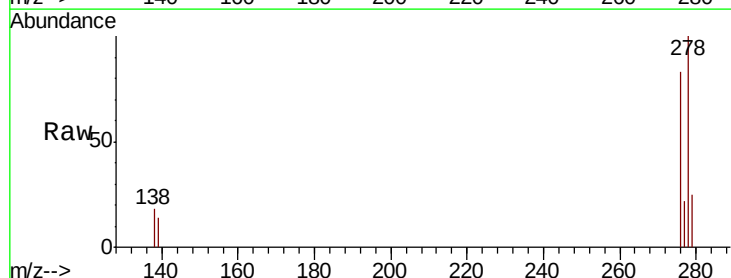
Tgt Ion:278 Resp: 30236

Ion Ratio Lower Upper

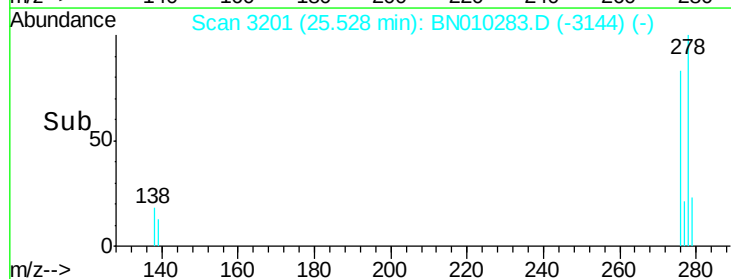
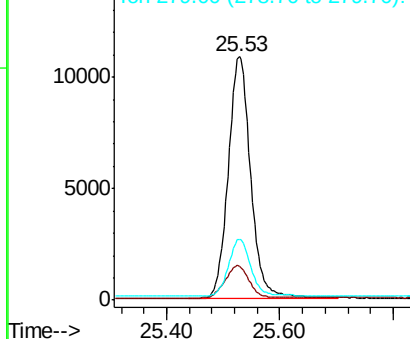
278 100

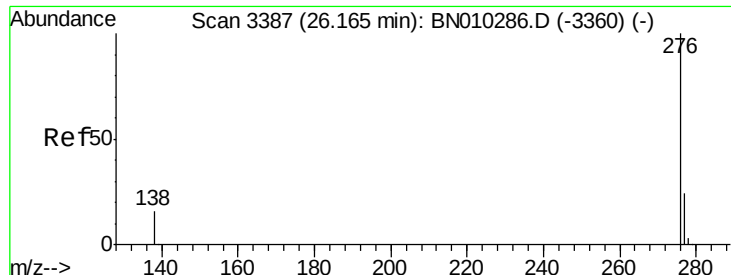
139 13.9 10.6 16.0

279 24.7 19.8 29.6



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: 0.390 ng

RT: 26.16 min Scan# 3387

Delta R.T. -0.00 min

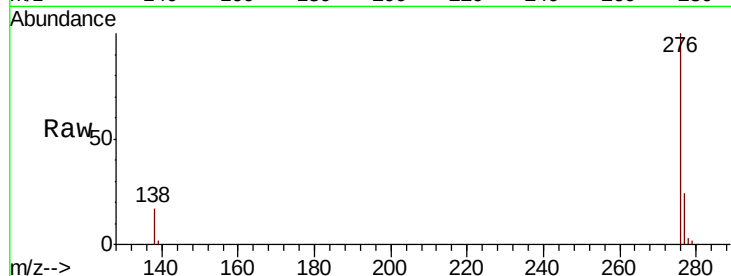
Lab File: BN010283.D

Acq: 19 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 28855

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 17.0 13.3 19.9

