

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
 Data File : BN010633.D
 Acq On : 28 Apr 2020 21:14
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 28 21:46:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 11:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4259	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	18052	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11409	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	25903	0.40	ng	0.00
27) Chrysene-d12	21.16	240	21634	0.40	ng	0.00
34) Perylene-d12	23.33	264	20157	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	3969	0.43	ng	0.00
5) Phenol-d6	6.78	99	5186	0.43	ng	0.00
8) Nitrobenzene-d5	8.72	82	5064	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	13602	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1845	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	16688	0.40	ng	0.00
25) Fluoranthene-d10	18.99	212	33160	0.42	ng	0.00
29) Terphenyl-d14	19.61	244	22574	0.46	ng	0.00

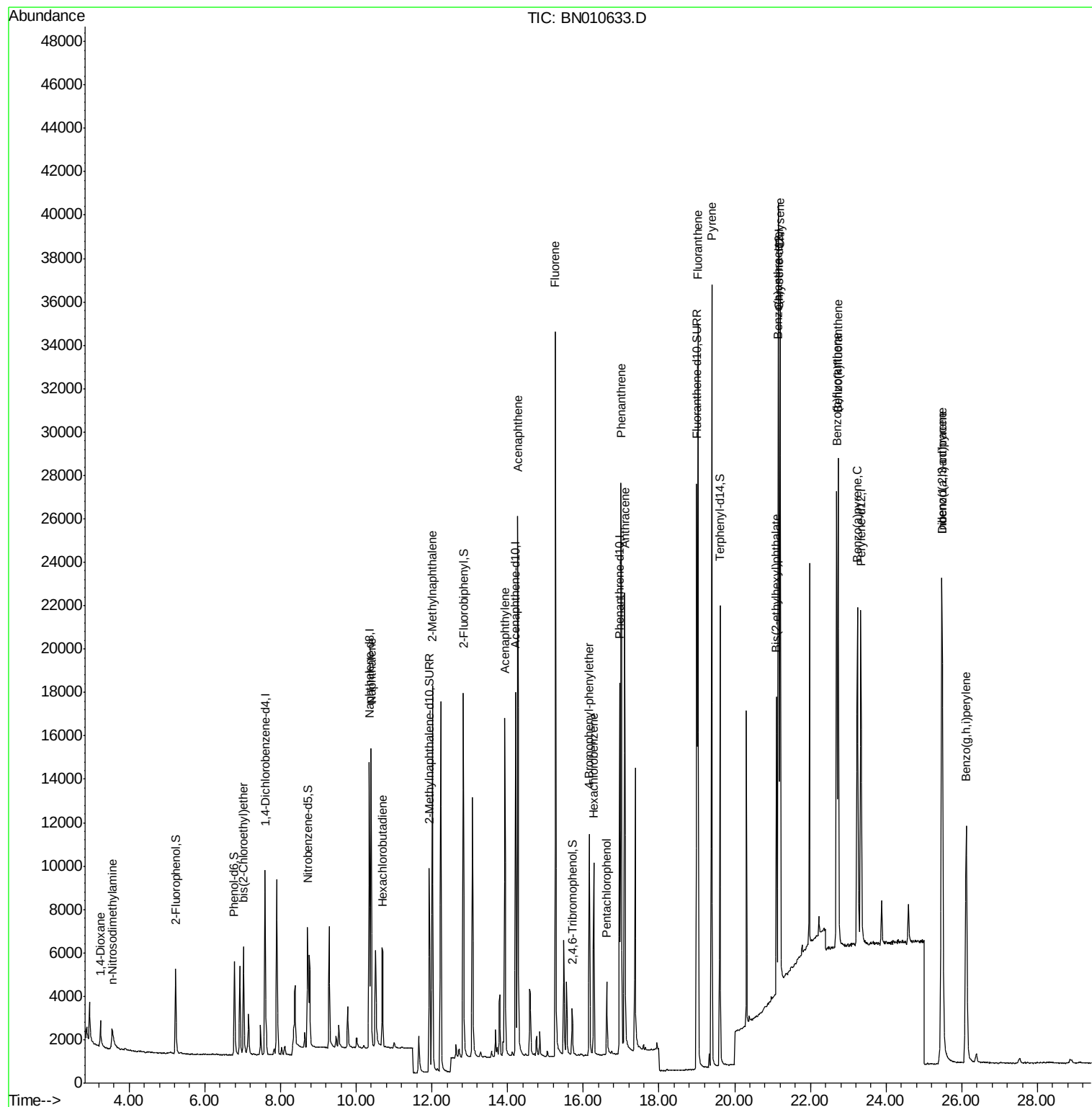
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1354	0.432	ng	99
3) n-Nitrosodimethylamine	3.55	42	880	0.433	ng	# 78
6) bis(2-Chloroethyl)ether	7.03	93	4446	0.421	ng	98
9) Naphthalene	10.39	128	18408	0.411	ng	99
10) Hexachlorobutadiene	10.70	225	4333	0.401	ng	# 100
12) 2-Methylnaphthalene	12.01	142	13216	0.410	ng	100
16) Acenaphthylene	13.92	152	18700	0.379	ng	100
17) Acenaphthene	14.27	154	12949	0.409	ng	100
18) Fluorene	15.26	166	16777	0.404	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	5526	0.384	ng	# 74
21) Hexachlorobenzene	16.27	284	6800	0.414	ng	98
22) Pentachlorophenol	16.62	266	2041	0.316	ng	99
23) Phenanthrene	17.00	178	28350	0.405	ng	100
24) Anthracene	17.09	178	23846	0.373	ng	100
26) Fluoranthene	19.03	202	32952	0.378	ng	99
28) Pyrene	19.39	202	33168	0.455	ng	100
30) Benzo(a)anthracene	21.14	228	27086	0.384	ng	99
31) Chrysene	21.20	228	28332	0.403	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	13605	0.376	ng	100
33) Indeno(1,2,3-cd)pyrene	25.47	276	29078	0.468	ng	99
35) Benzo(b)fluoranthene	22.69	252	25956	0.391	ng	99
36) Benzo(k)fluoranthene	22.73	252	27817	0.418	ng	97
37) Benzo(a)pyrene	23.24	252	23509	0.400	ng	99
38) Dibenzo(a,h)anthracene	25.48	278	23309	0.434	ng	99
39) Benzo(g,h,i)perylene	26.12	276	23753	0.439	ng	99

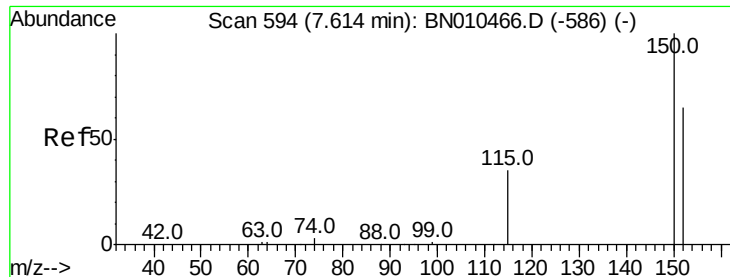
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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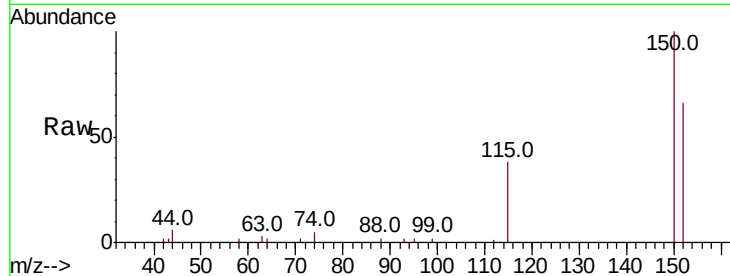


#1

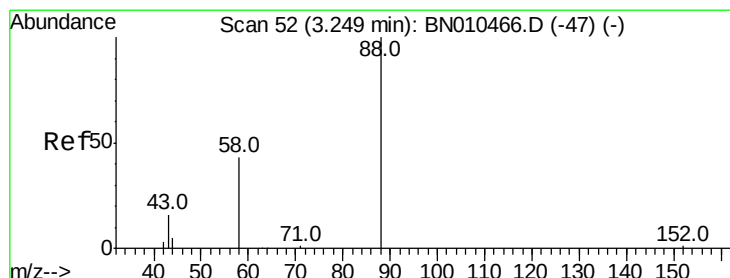
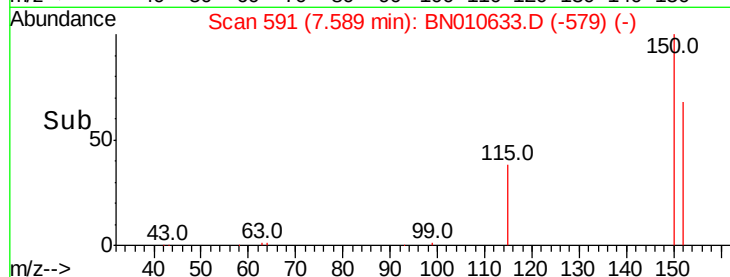
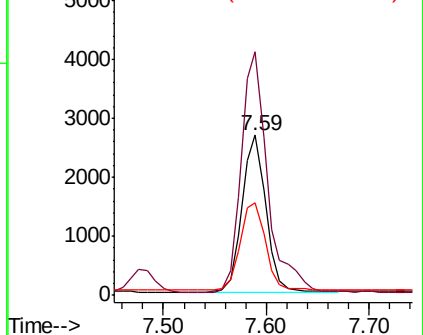
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 4259
Ion Ratio Lower Upper
152 100
150 152.2 121.8 182.6
115 58.2 45.5 68.3



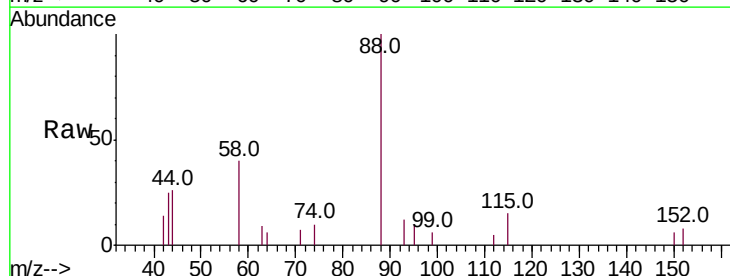
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



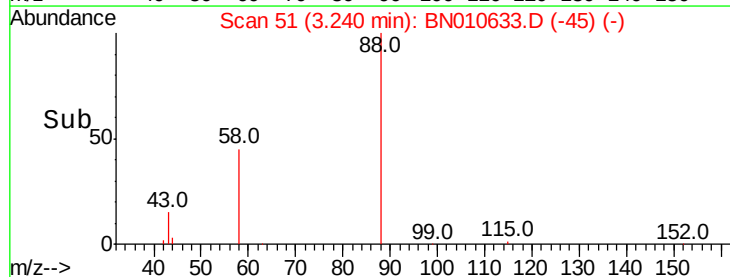
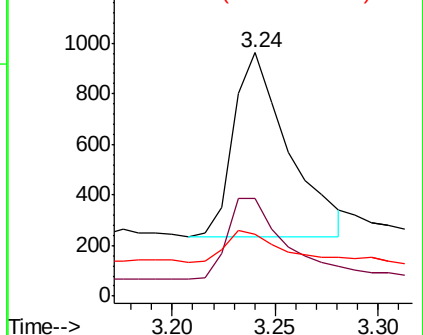
#2

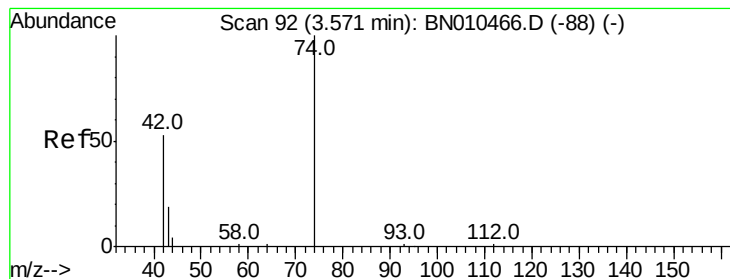
1,4-Dioxane
Concen: 0.432 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion: 88 Resp: 1354
Ion Ratio Lower Upper
88 100
58 44.8 36.5 54.7
43 16.1 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



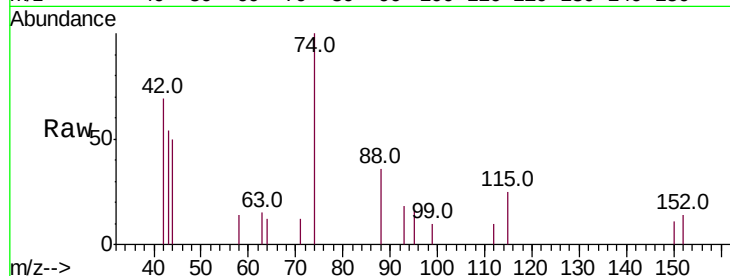


#3

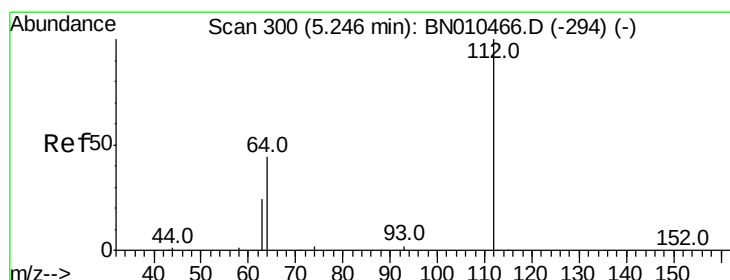
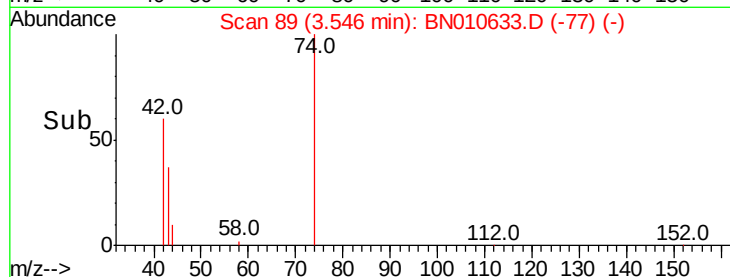
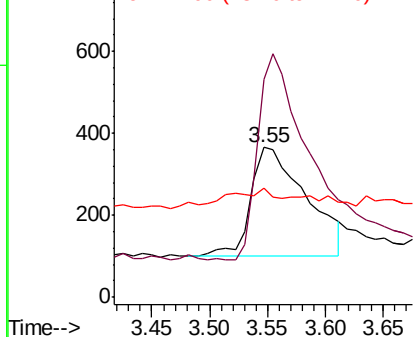
n-Nitrosodimethylamine
 Concen: 0.433 ng
 RT: 3.55 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: BN010633.D
 Acq: 28 Apr 2020 21:14

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 880
 Ion Ratio Lower Upper
 42 100
 74 169.5 162.2 243.4
 44 15.9 2.4 3.6#



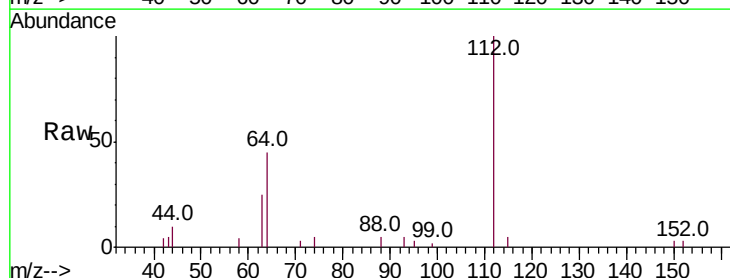
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



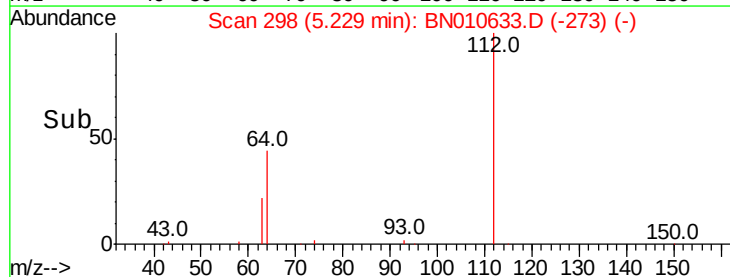
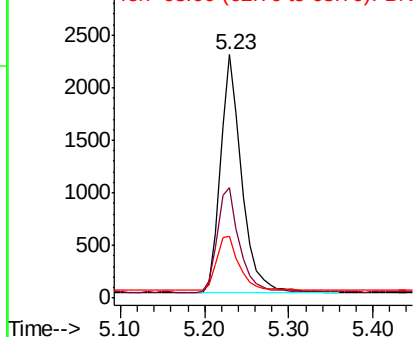
#4

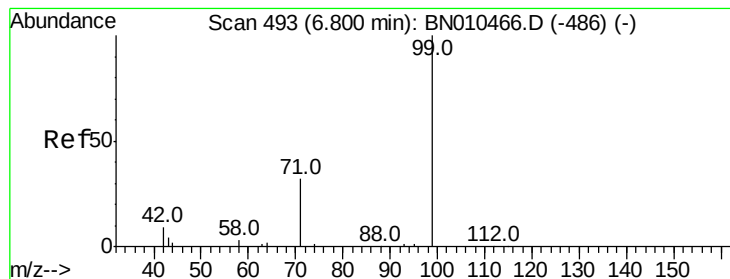
2-Fluorophenol
 Concen: 0.426 ng
 RT: 5.23 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: BN010633.D
 Acq: 28 Apr 2020 21:14

Tgt Ion: 112 Resp: 3969
 Ion Ratio Lower Upper
 112 100
 64 45.9 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: 0.425 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

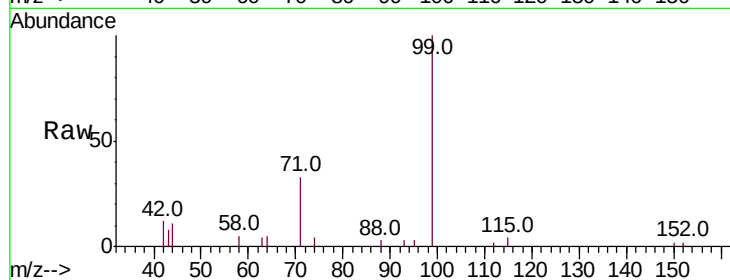
Tot Ion: 99 Resp: 5186

Ion Ratio Lower Upper

99 100

42 12.2 9.8 14.6

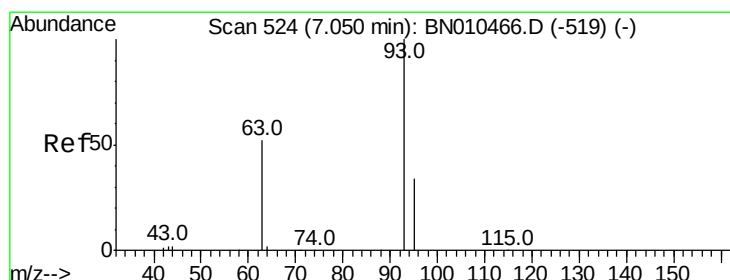
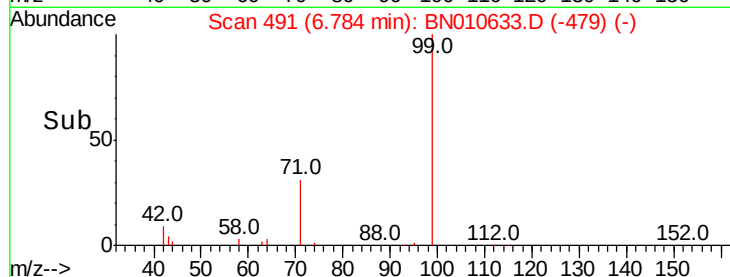
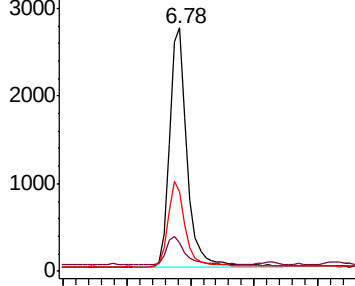
71 34.7 27.8 41.8



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.421 ng

RT: 7.03 min Scan# 521

Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

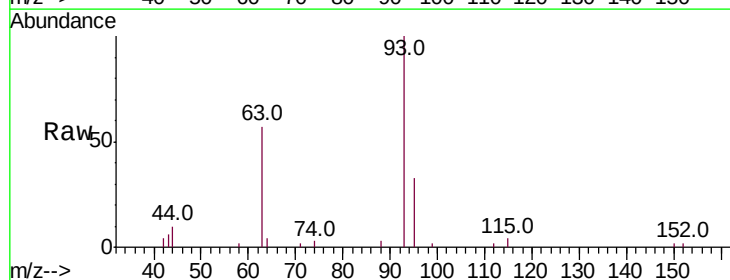
Tgt Ion: 93 Resp: 4446

Ion Ratio Lower Upper

93 100

63 57.1 44.6 66.8

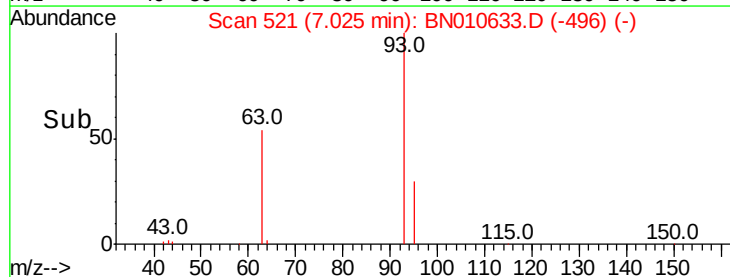
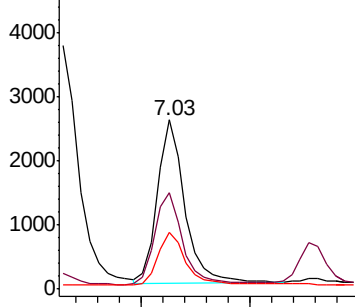
95 32.5 26.5 39.7

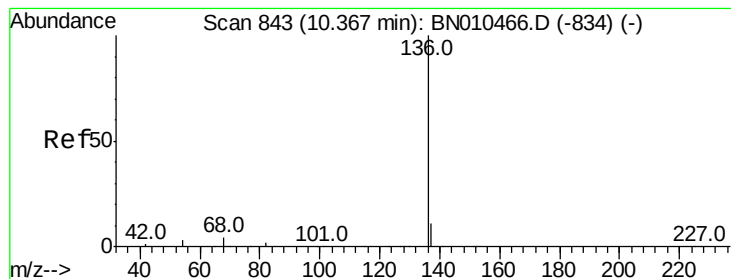


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 18052

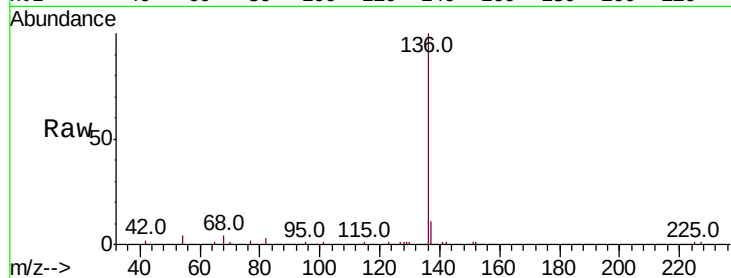
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 3.7 2.6 4.0

68 4.4 3.4 5.2

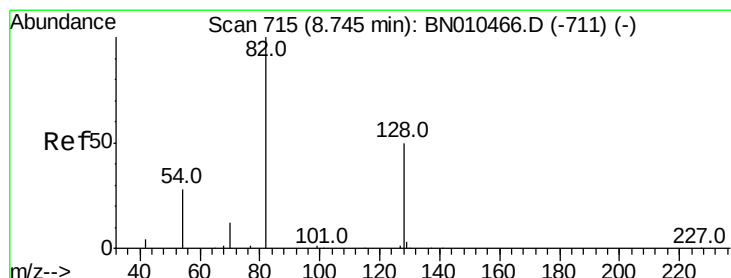
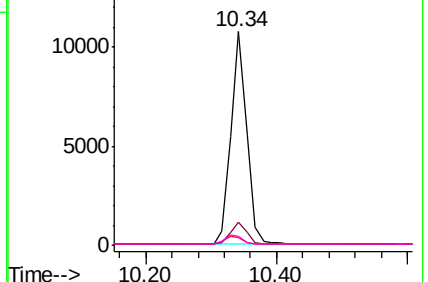
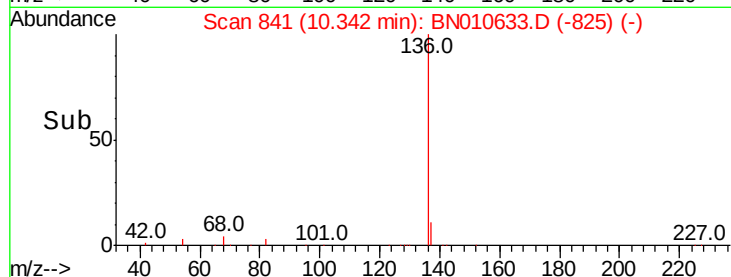


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

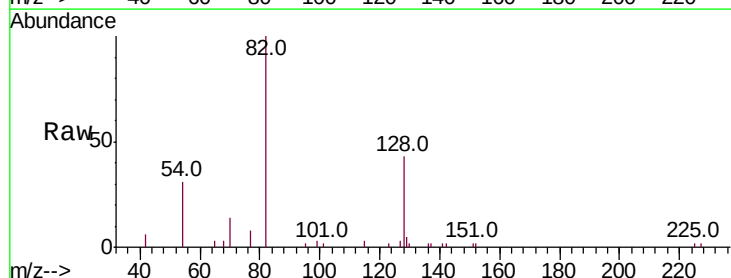
Tgt Ion: 82 Resp: 5064

Ion Ratio Lower Upper

82 100

128 42.8 41.3 61.9

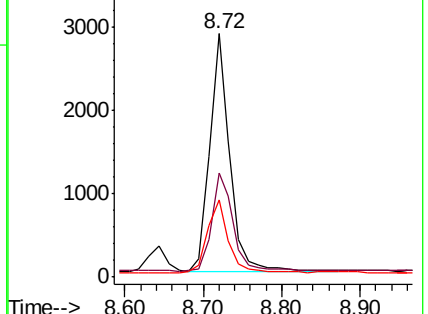
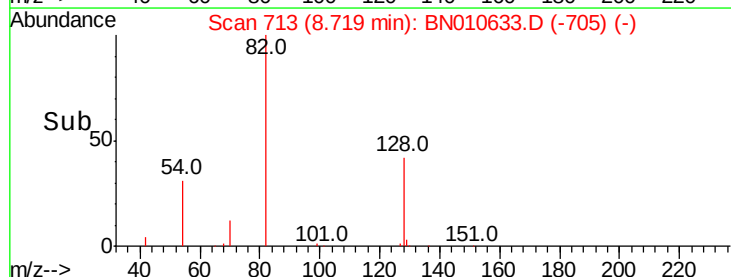
54 31.5 23.4 35.0

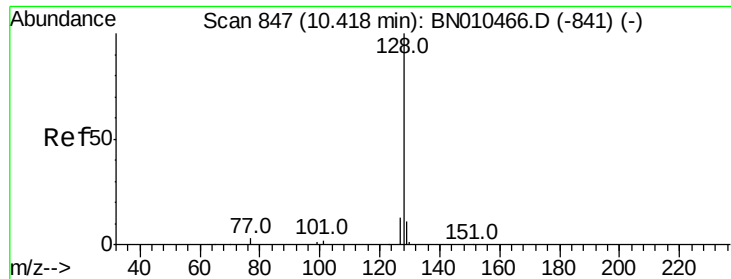


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.411 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

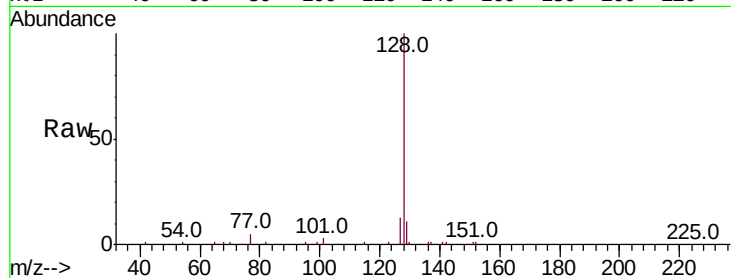
Tot Ion:128 Resp: 18408

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

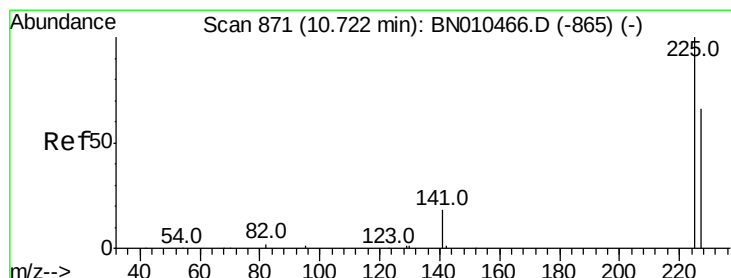
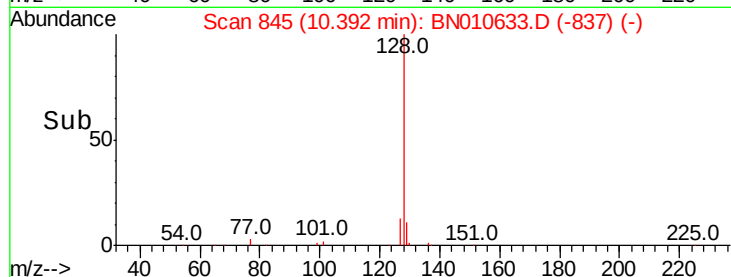
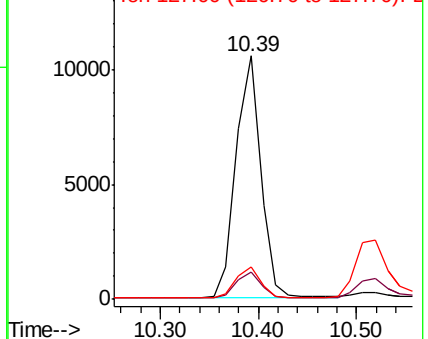
127 13.2 10.5 15.7



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: 0.401 ng

RT: 10.70 min Scan# 869

Delta R.T. 0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

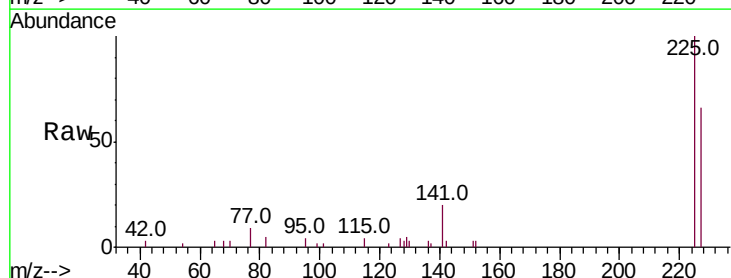
Tgt Ion:225 Resp: 4333

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

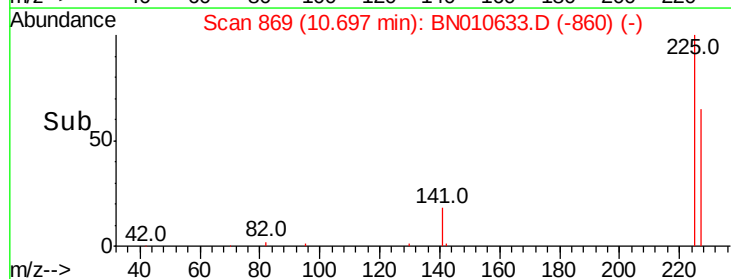
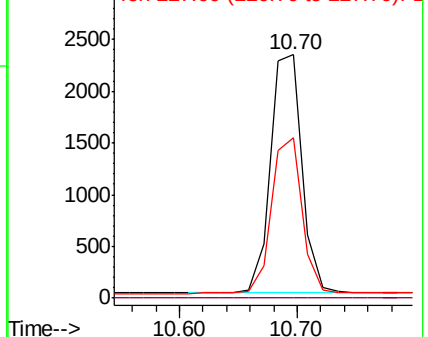
227 63.2 50.6 76.0

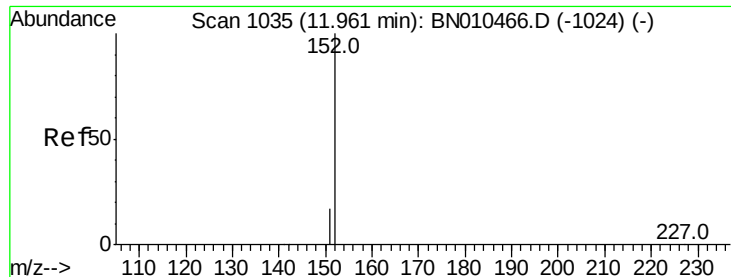


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

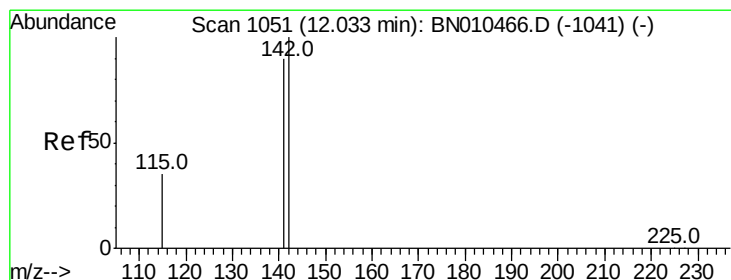
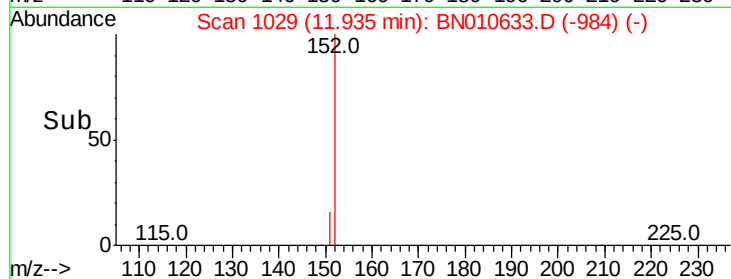
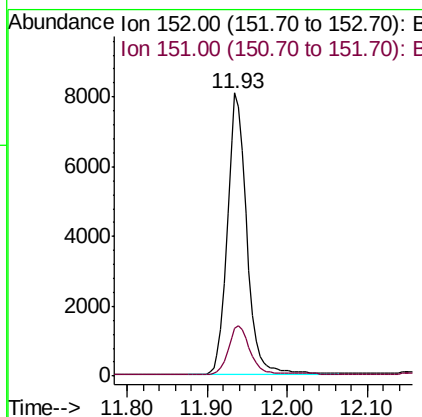
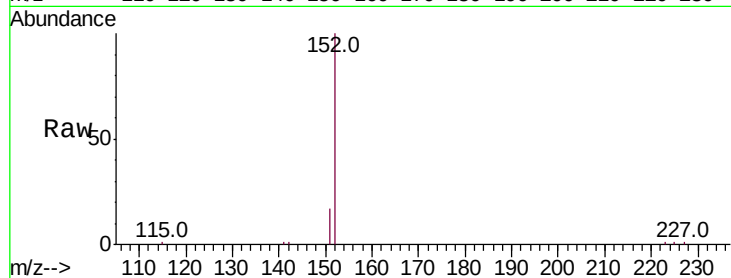




#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

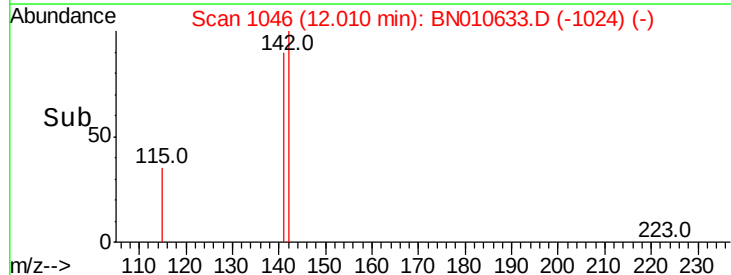
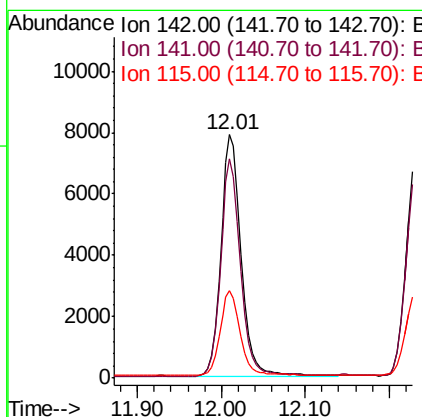
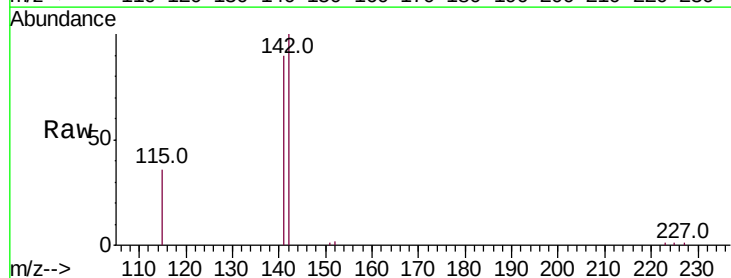
Instrument :
BNA_N
ClientSampleId :

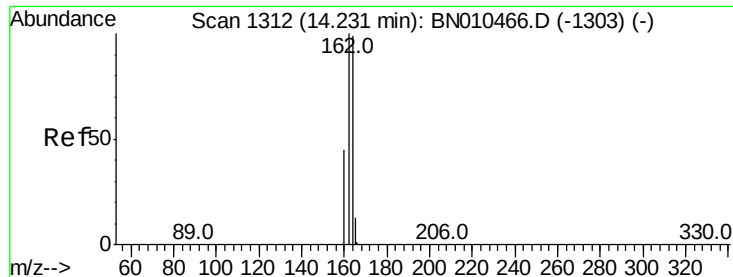
Tot Ion:152 Resp: 13602
Ion Ratio Lower Upper
152 100
151 18.9 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.01 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:142 Resp: 13216
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 36.1 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

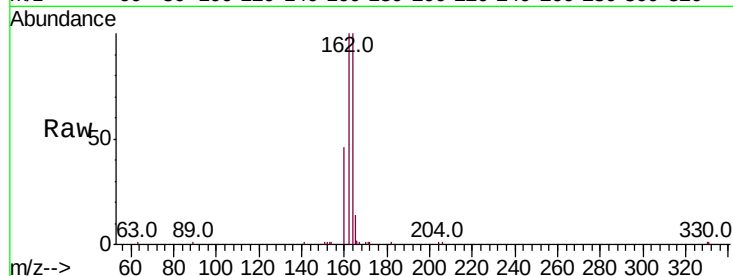
Tot Ion:164 Resp: 11409

Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

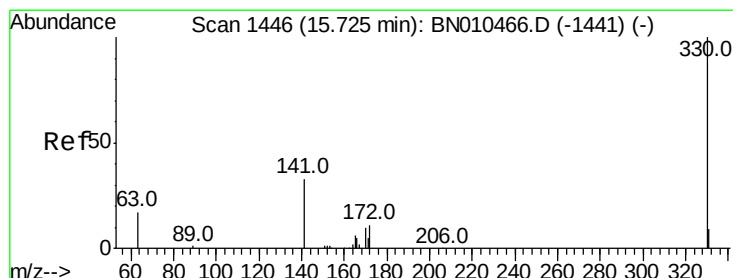
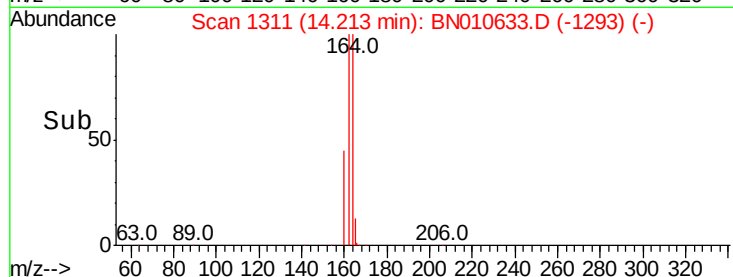
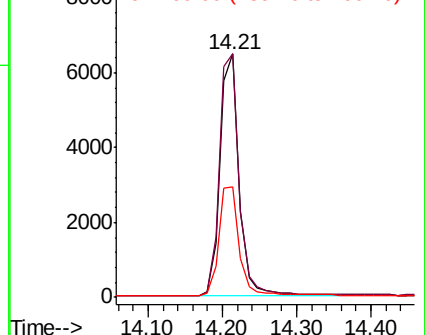
160 45.7 36.5 54.7



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: 0.343 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

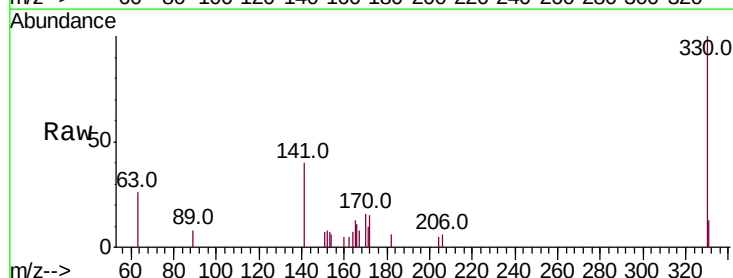
Tgt Ion:330 Resp: 1845

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

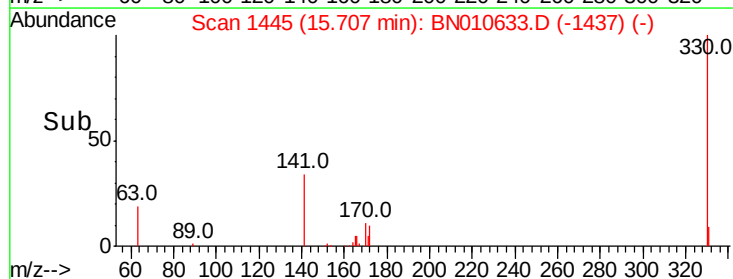
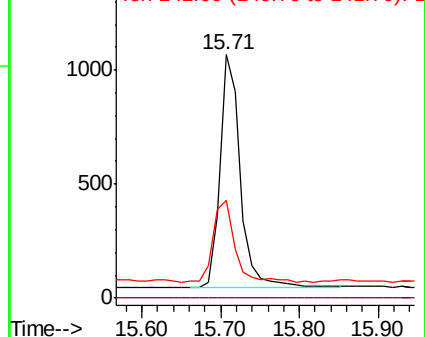
141 36.3 28.1 42.1

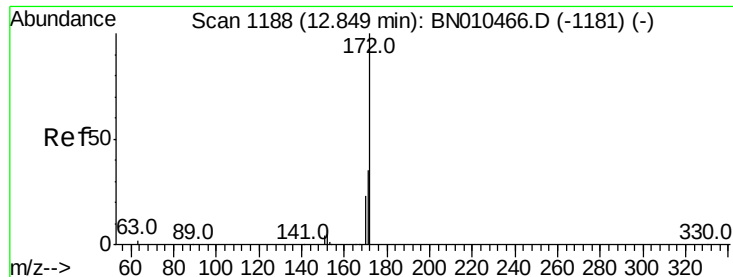


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

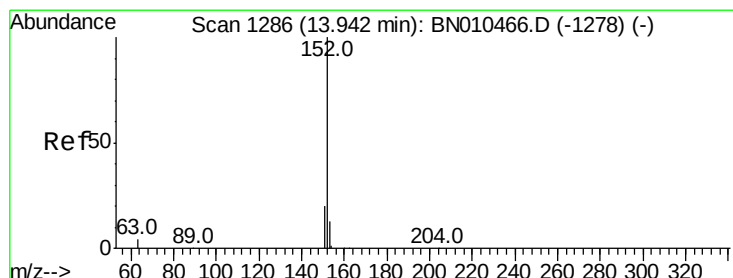
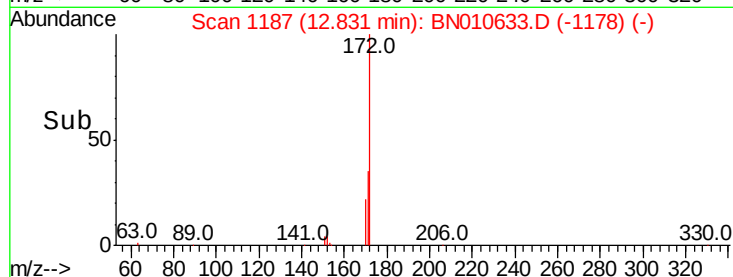
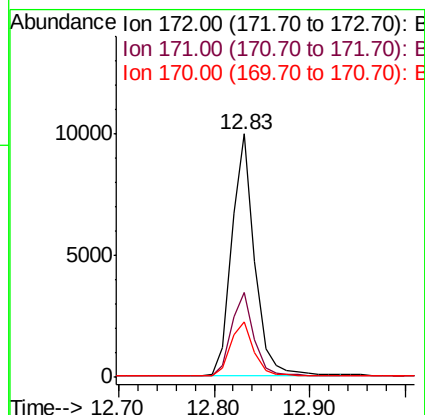
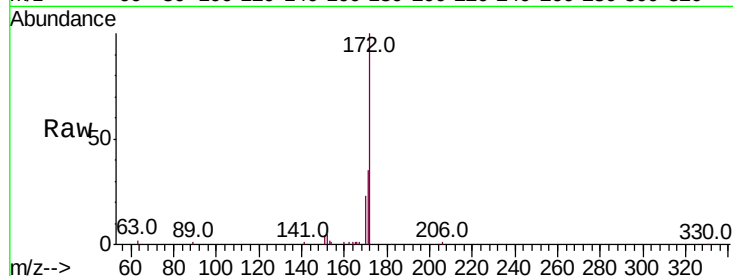




#15
 2-Fluorobiphenyl
 Concen: 0.402 ng
 RT: 12.83 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BN010633.D
 Acq: 28 Apr 2020 21:14

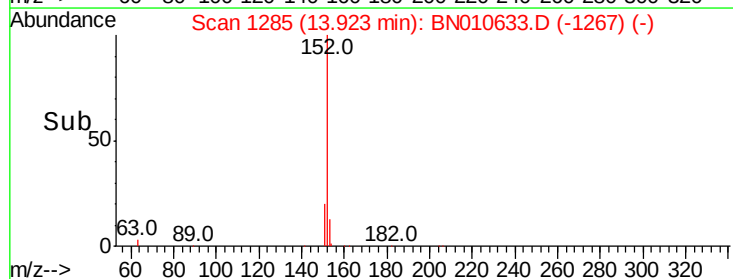
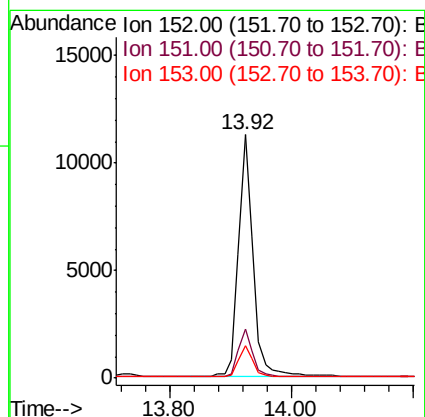
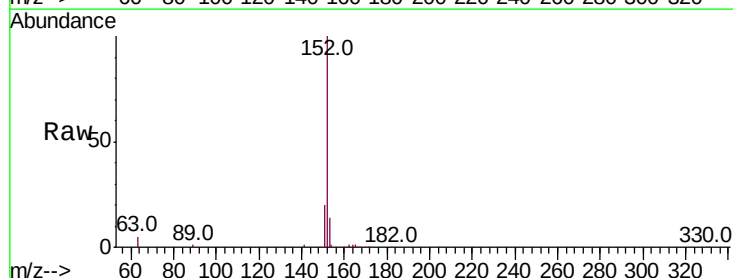
Instrument :
 BNA_N
 ClientSampled :

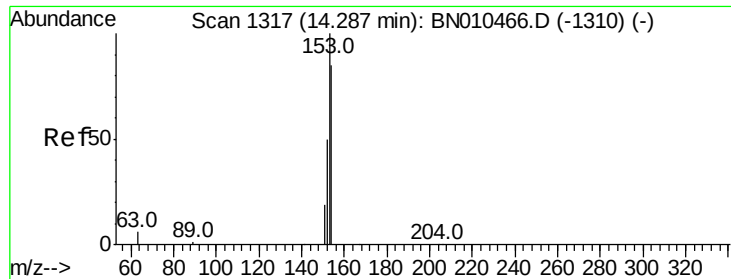
Tot Ion:172 Resp: 16688
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.2 42.2
 170 22.9 18.4 27.6



#16
 Acenaphthylene
 Concen: 0.379 ng
 RT: 13.92 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BN010633.D
 Acq: 28 Apr 2020 21:14

Tgt Ion:152 Resp: 18700
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.7 23.5
 153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.27 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

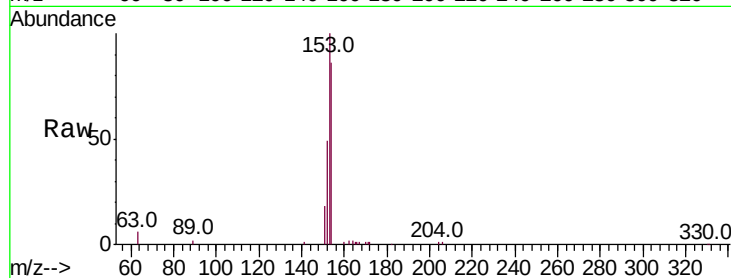
Tot Ion:154 Resp: 12949

Ion Ratio Lower Upper

154 100

153 114.1 91.0 136.4

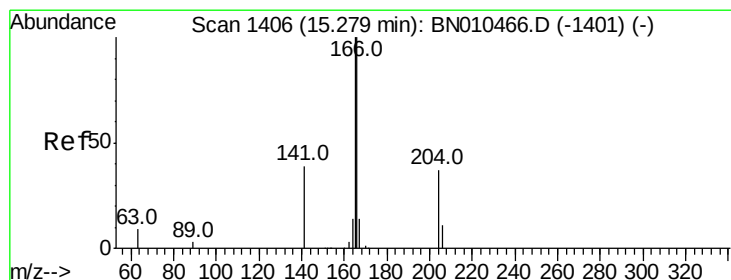
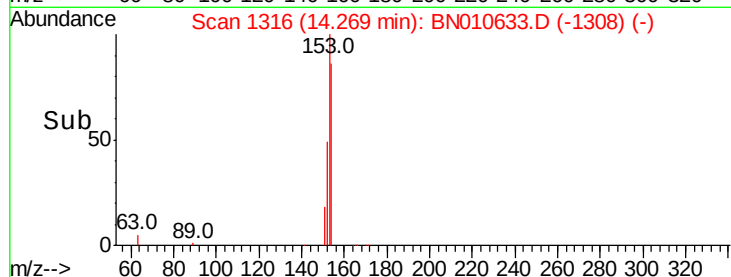
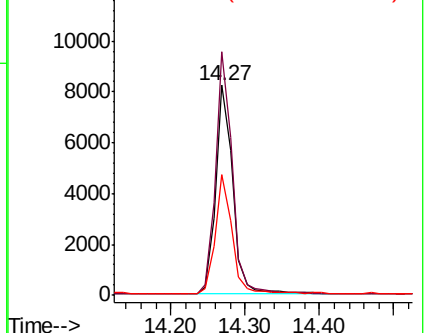
152 55.6 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.404 ng

RT: 15.26 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

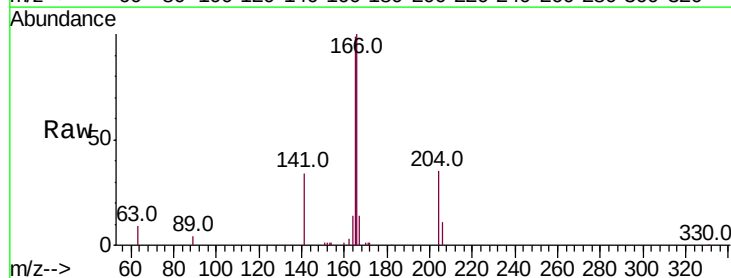
Tgt Ion:166 Resp: 16777

Ion Ratio Lower Upper

166 100

165 97.8 78.4 117.6

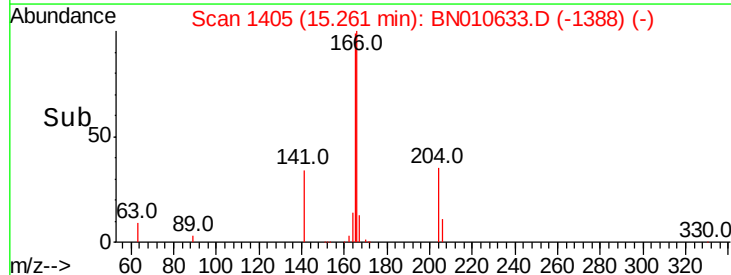
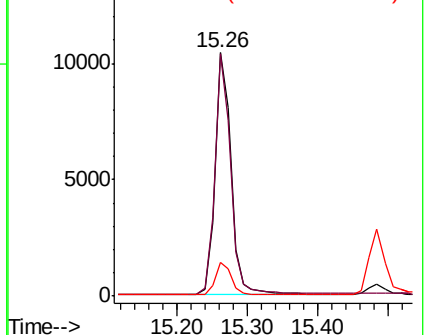
167 13.8 10.9 16.3

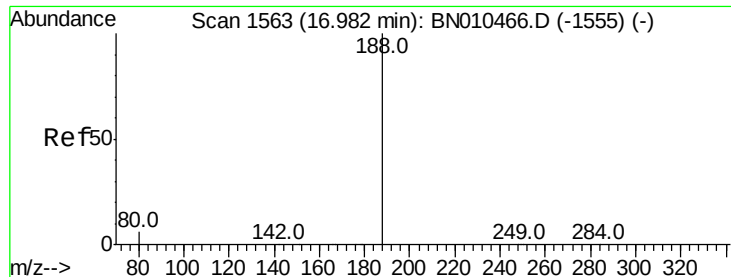


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

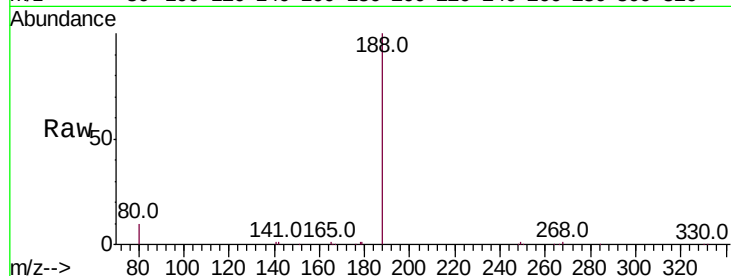
Tot Ion:188 Resp: 25903

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

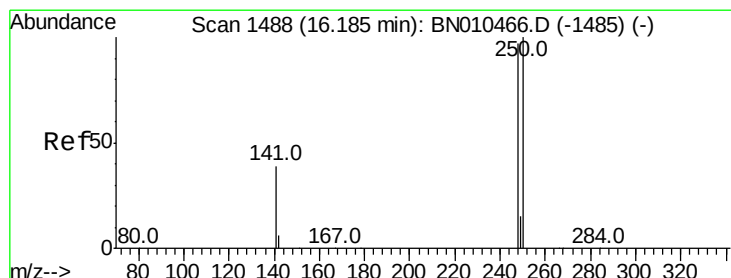
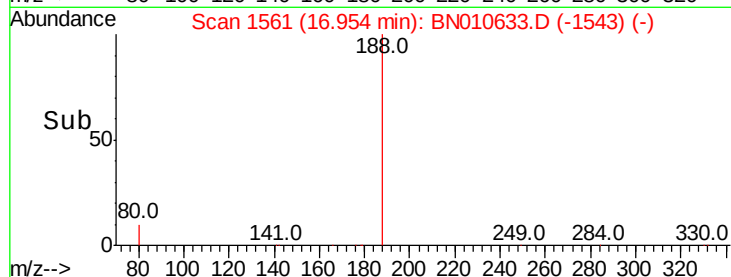
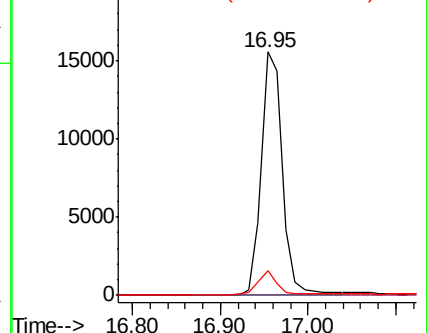
80 10.0 5.0 7.6#



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: 0.384 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

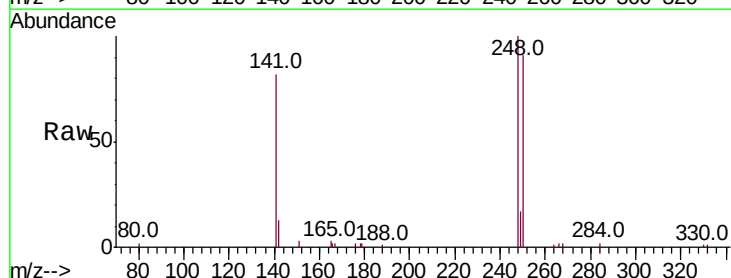
Tgt Ion:248 Resp: 5526

Ion Ratio Lower Upper

248 100

250 91.4 82.3 123.5

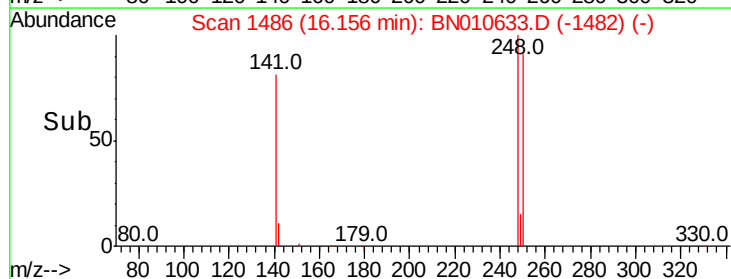
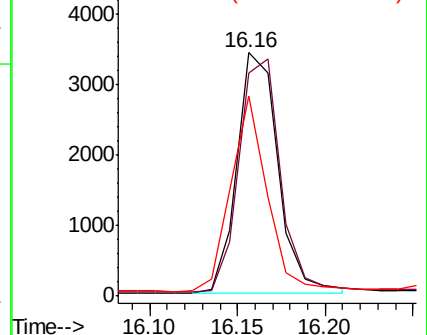
141 82.2 35.2 52.8#

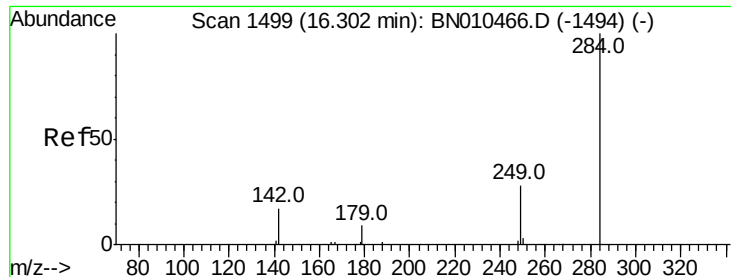


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.414 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

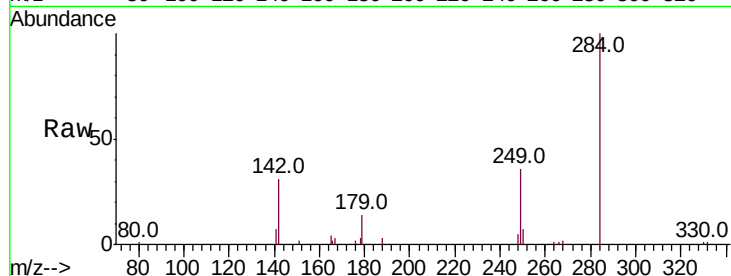
Tot Ion:284 Resp: 6800

Ion Ratio Lower Upper

284 100

142 32.5 25.5 38.3

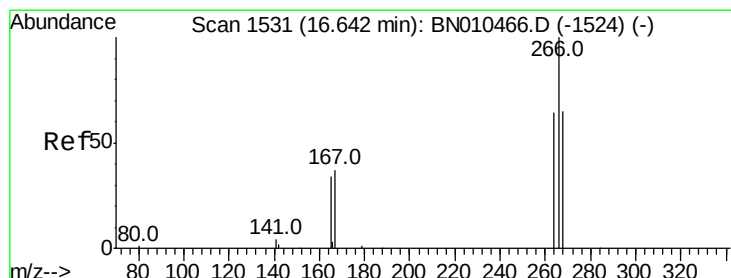
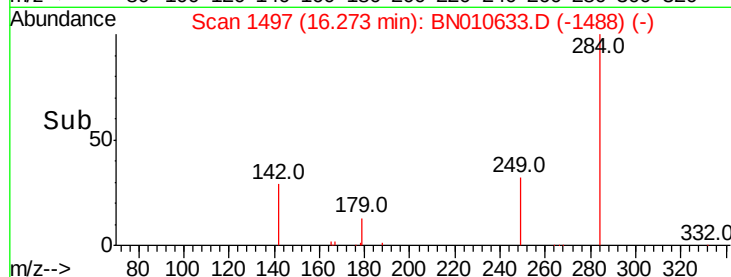
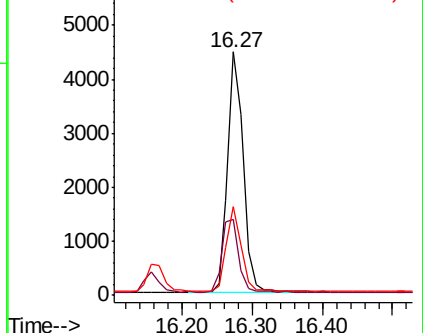
249 33.4 25.8 38.6



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: 0.316 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

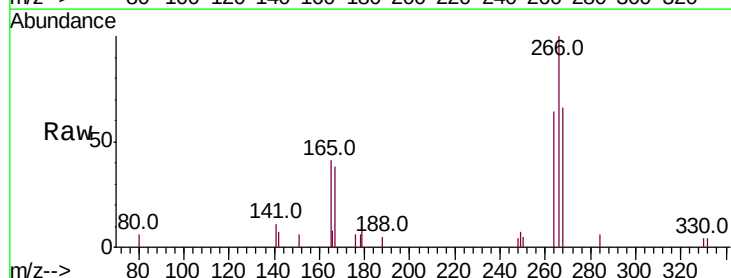
Tgt Ion:266 Resp: 2041

Ion Ratio Lower Upper

266 100

264 63.9 51.8 77.6

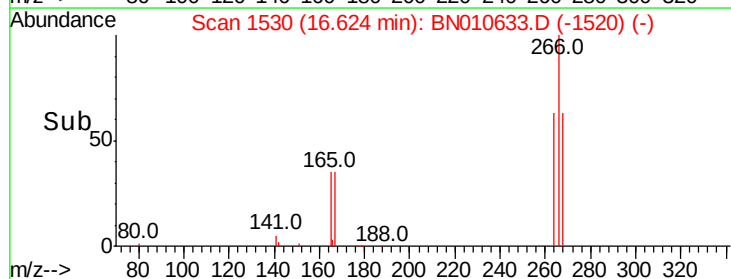
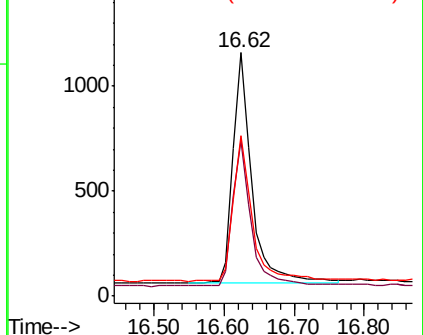
268 65.7 53.7 80.5

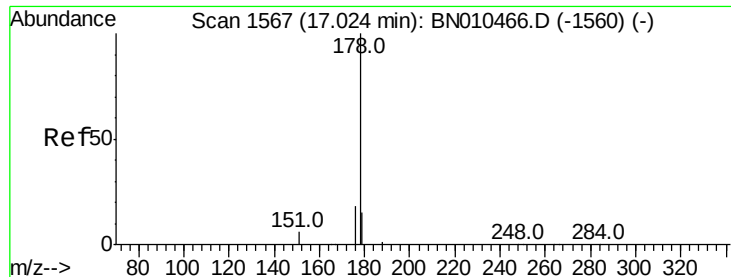


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.405 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

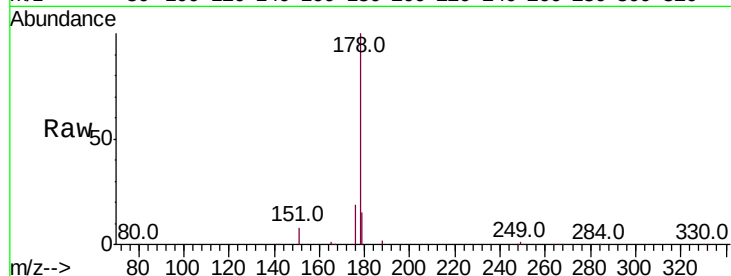
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 28350

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.6	18.8

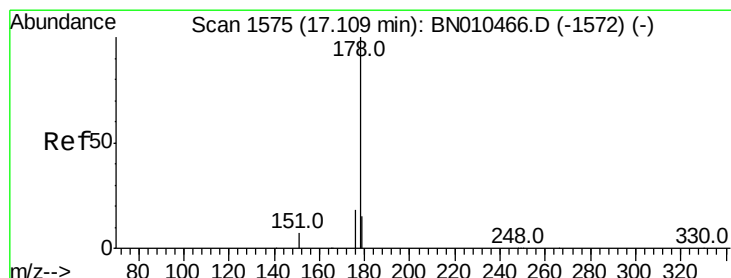
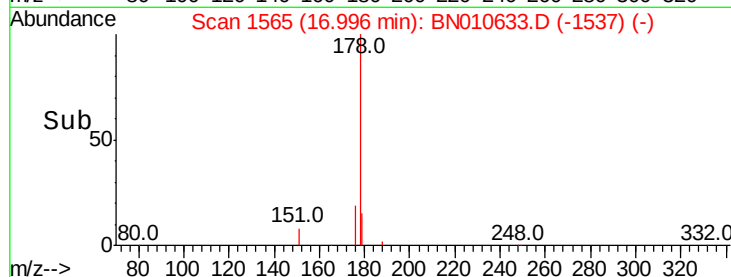
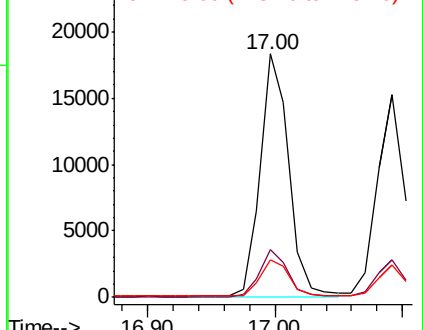


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.373 ng

RT: 17.09 min Scan# 1574

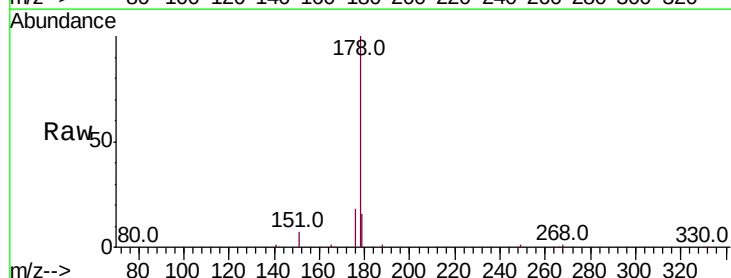
Delta R.T. 0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Tgt Ion:178 Resp: 23846

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.2	18.2

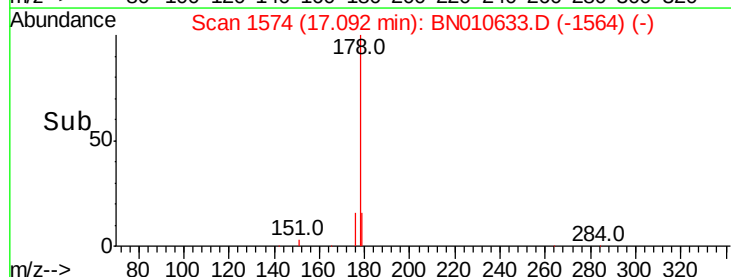
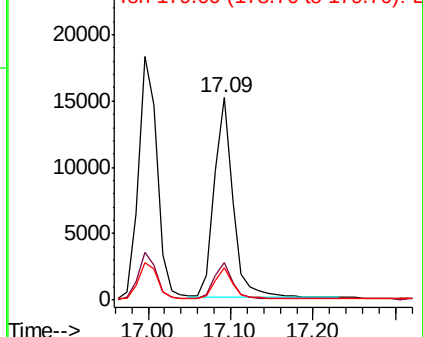


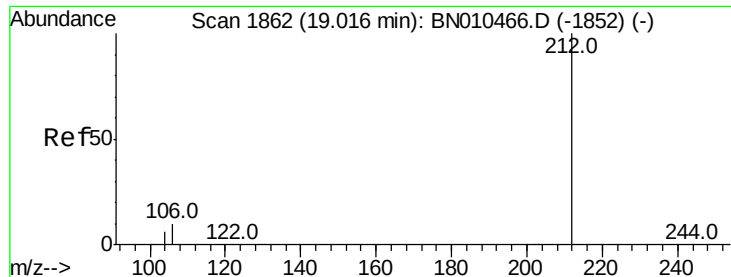
Abundance

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

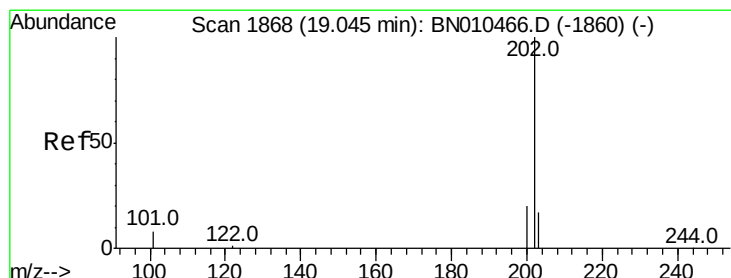
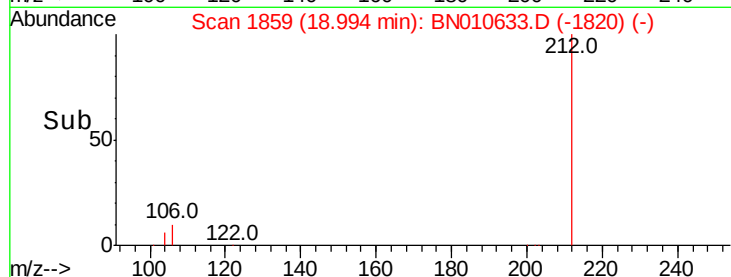
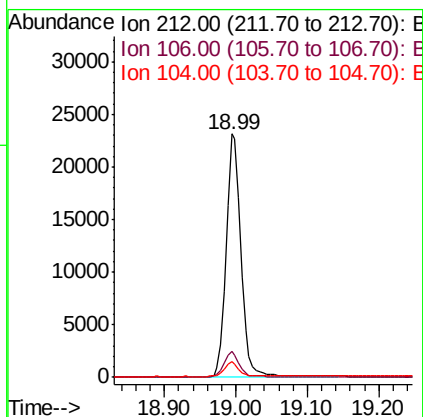
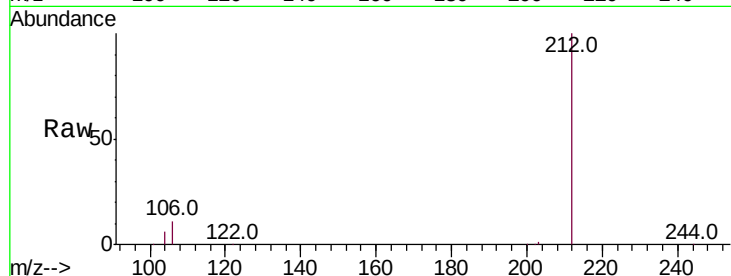




#25
 Fluoranthene-d10
 Concen: 0.422 ng
 RT: 18.99 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BN010633.D
 Acq: 28 Apr 2020 21:14

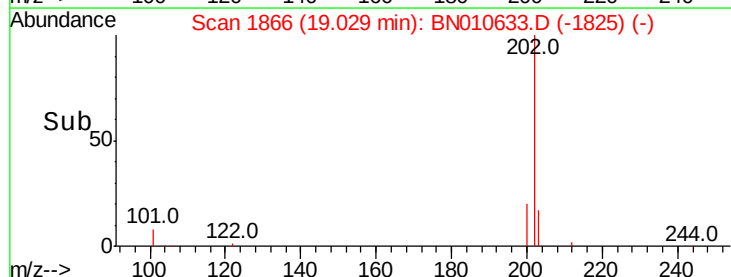
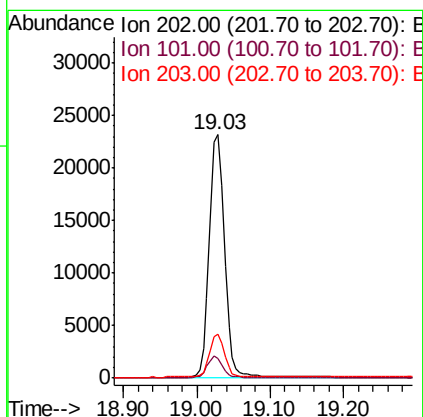
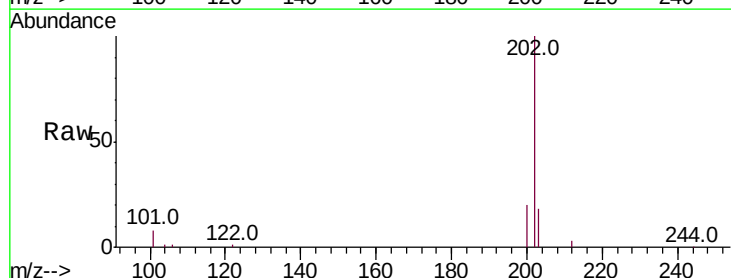
Instrument :
 BNA_N
 ClientSampleId :

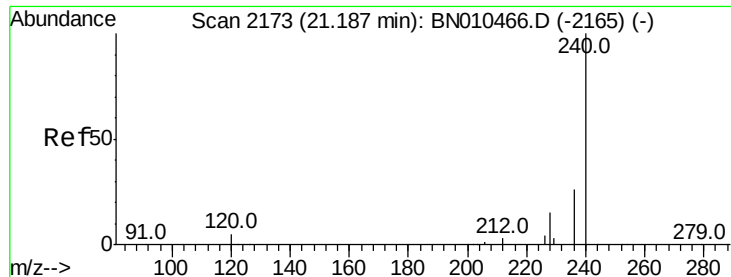
Tot Ion:212 Resp: 33160
 Ion Ratio Lower Upper
 212 100
 106 10.1 7.8 11.6
 104 5.8 4.5 6.7



#26
 Fluoranthene
 Concen: 0.378 ng
 RT: 19.03 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: BN010633.D
 Acq: 28 Apr 2020 21:14

Tgt Ion:202 Resp: 32952
 Ion Ratio Lower Upper
 202 100
 101 9.0 6.9 10.3
 203 17.2 13.9 20.9

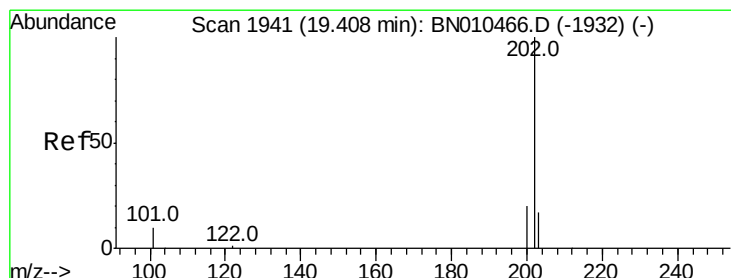
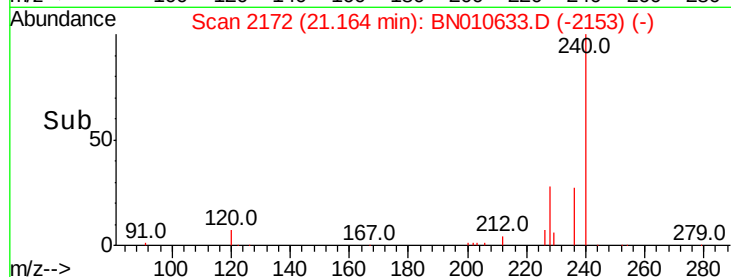
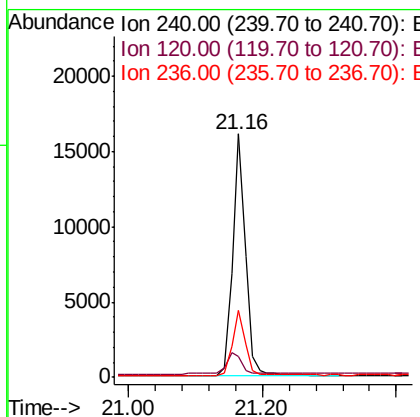
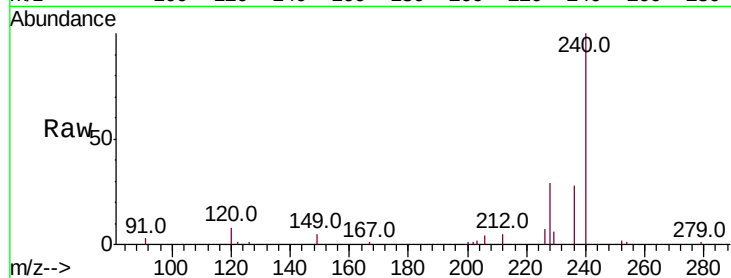




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.16 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BN010633.D
 Acq: 28 Apr 2020 21:14

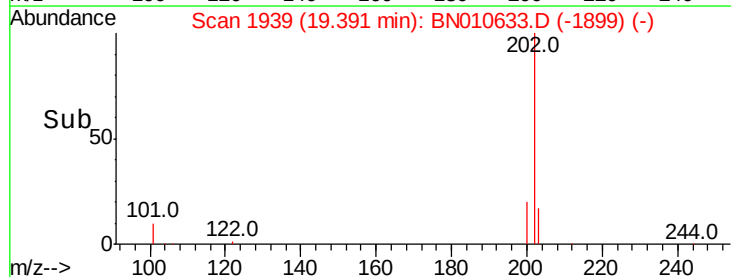
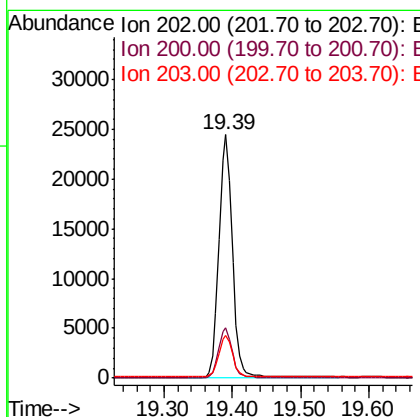
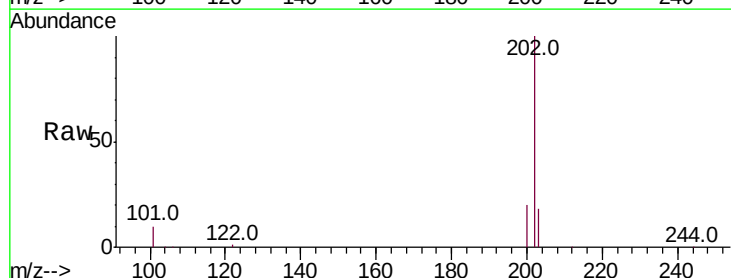
Instrument :
 BNA_N
 ClientSampleId :

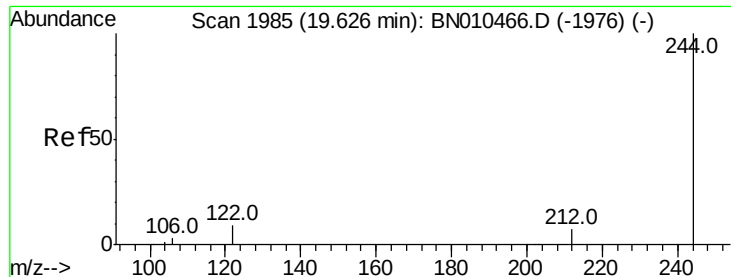
Tot Ion:240 Resp: 21634
 Ion Ratio Lower Upper
 240 100
 120 8.5 4.8 7.2#
 236 27.6 21.4 32.0



#28
 Pyrene
 Concen: 0.455 ng
 RT: 19.39 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BN010633.D
 Acq: 28 Apr 2020 21:14

Tgt Ion:202 Resp: 33168
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.3 24.5
 203 17.6 14.0 21.0





#29

Terphenyl-d14

Concen: 0.456 ng

RT: 19.61 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

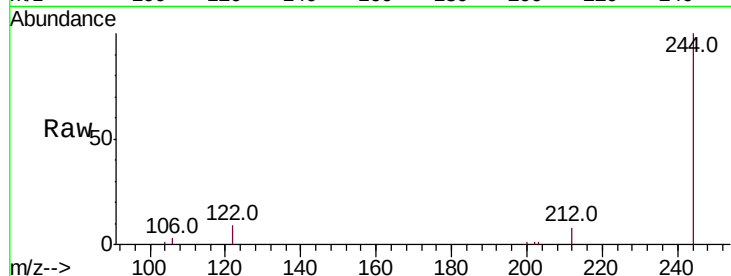
Tot Ion:244 Resp: 22574

Ion Ratio Lower Upper

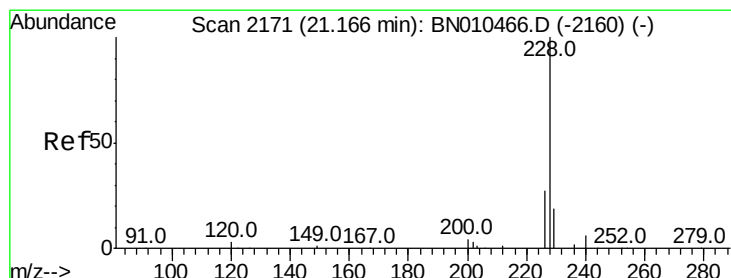
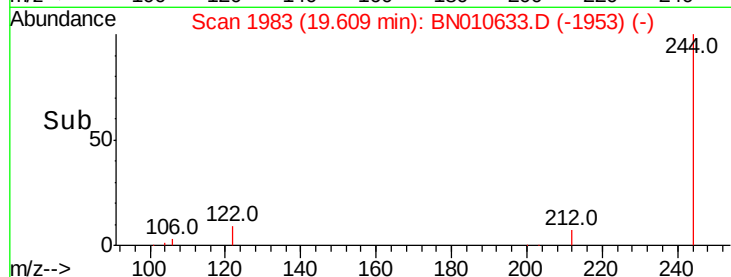
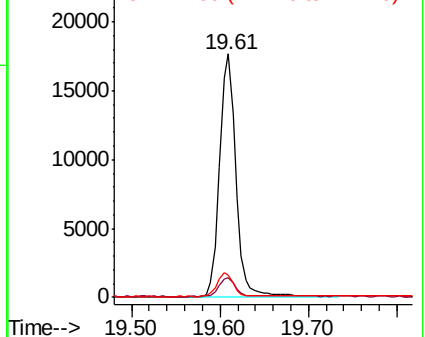
244 100

212 7.8 6.2 9.4

122 9.2 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: 0.384 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

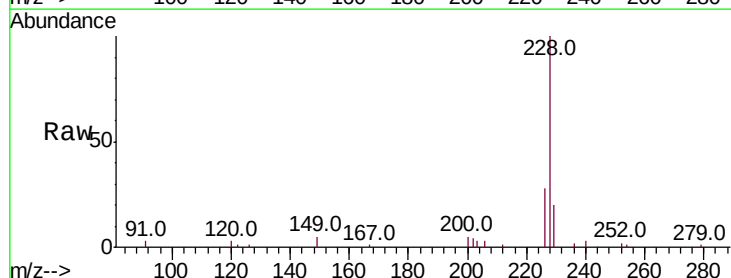
Tgt Ion:228 Resp: 27086

Ion Ratio Lower Upper

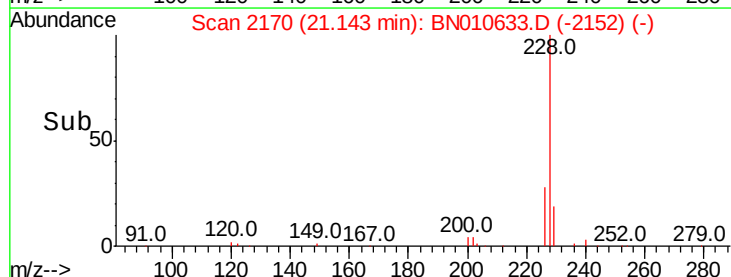
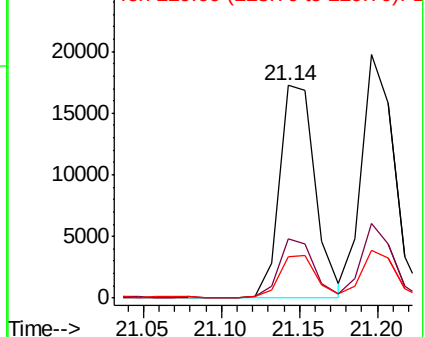
228 100

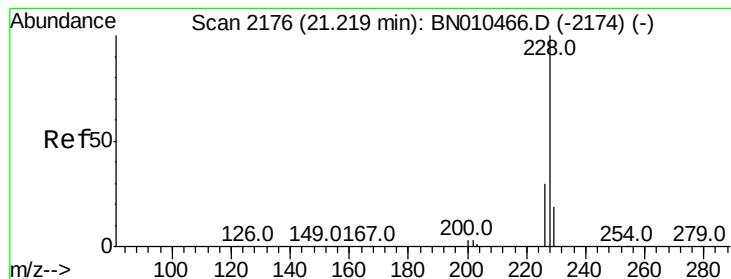
226 28.1 21.7 32.5

229 19.5 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: 0.403 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

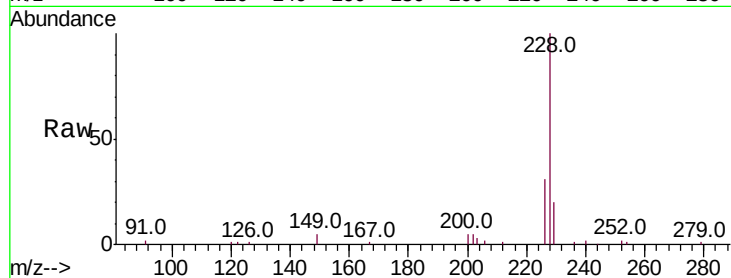
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 28332

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.6	15.8	23.6

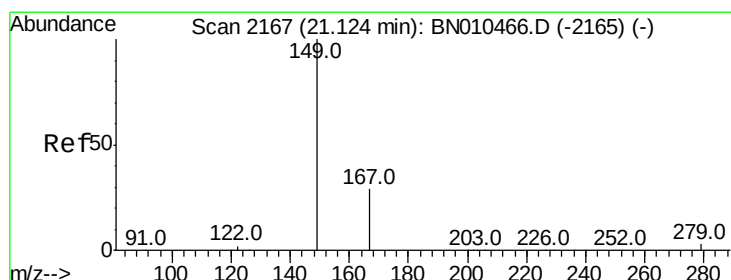
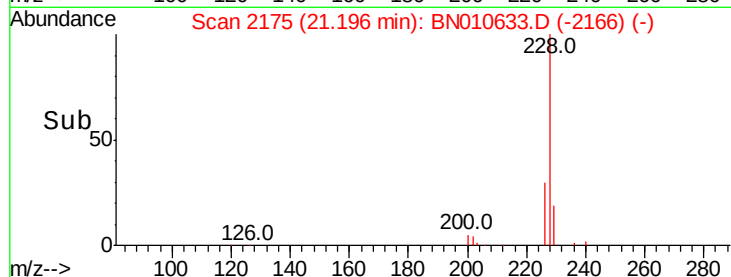
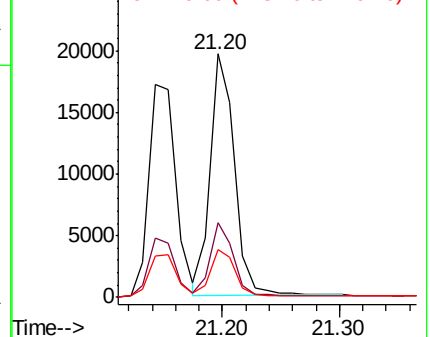


Abundance

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: 0.376 ng

RT: 21.10 min Scan# 2166

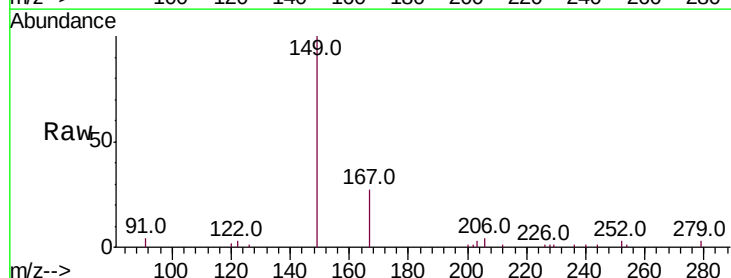
Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Tgt Ion:149 Resp: 13605

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	4.9	4.0	6.0

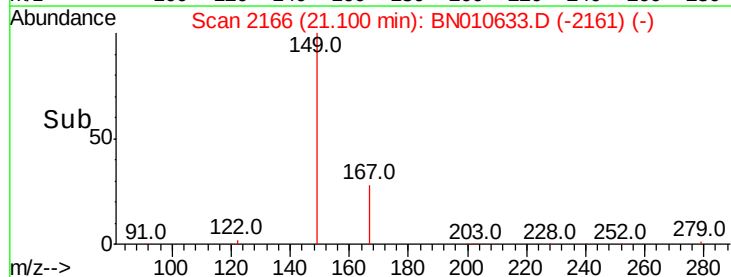
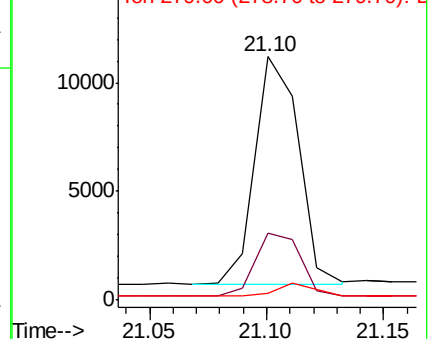


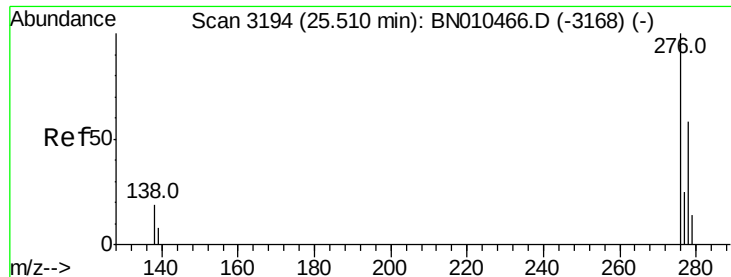
Abundance

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: 0.468 ng

RT: 25.47 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

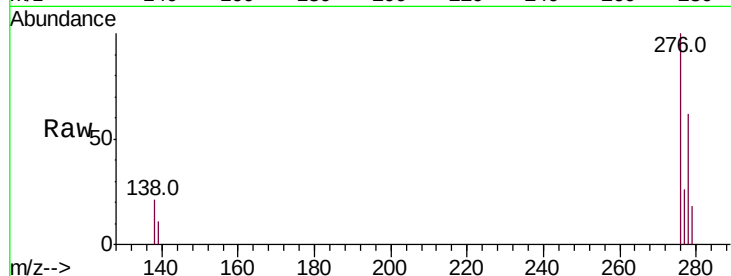
Tot Ion:276 Resp: 29078

Ion Ratio Lower Upper

276 100

138 21.8 16.4 24.6

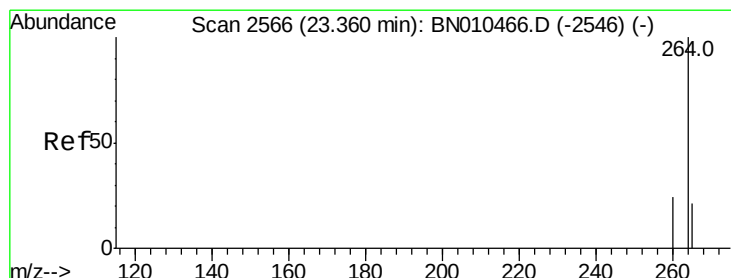
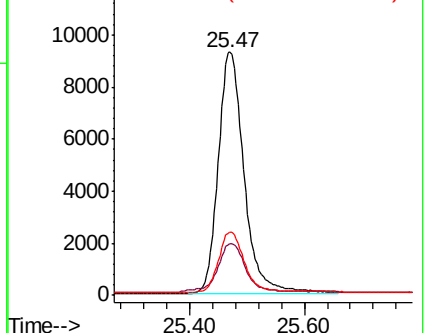
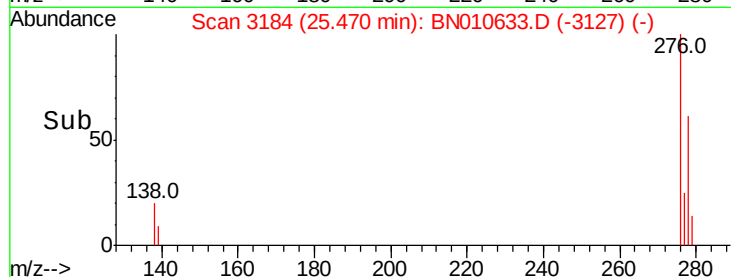
277 24.7 19.8 29.6



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# 2559

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

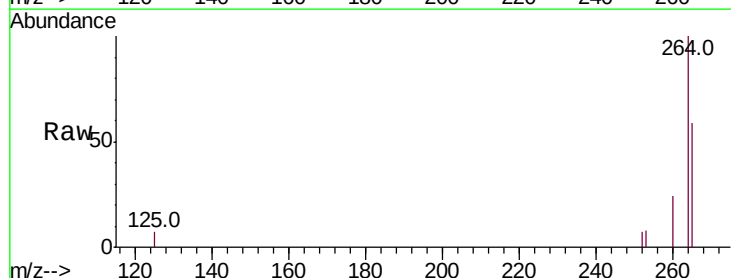
Tgt Ion:264 Resp: 20157

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

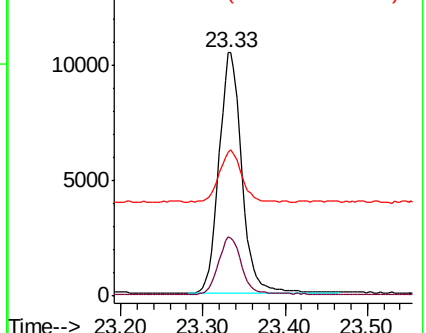
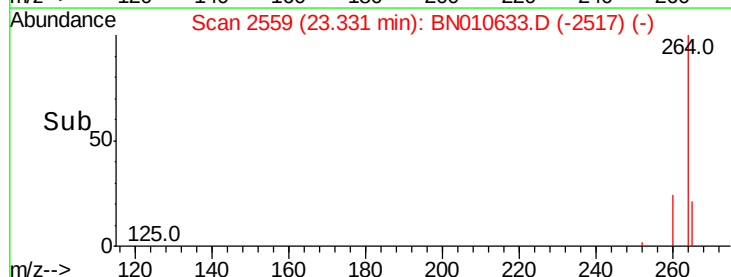
265 59.1 42.3 63.5

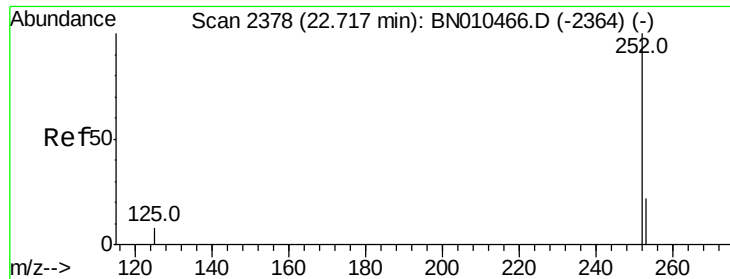


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

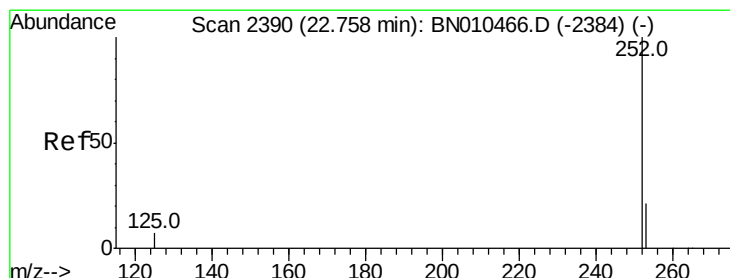
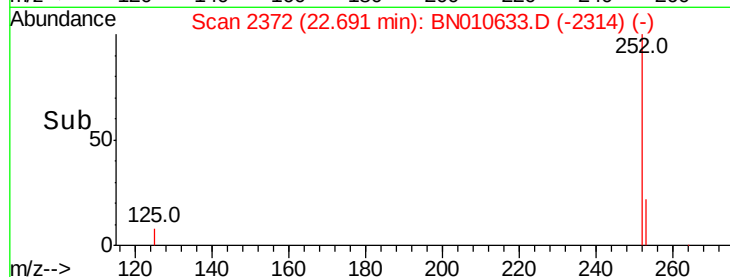
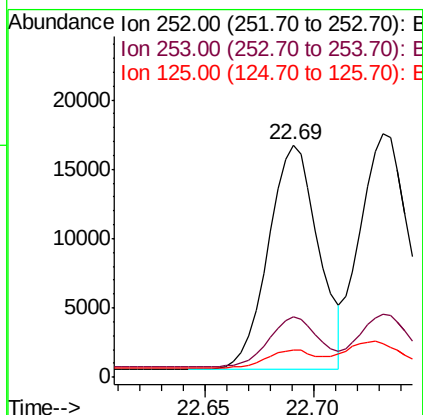
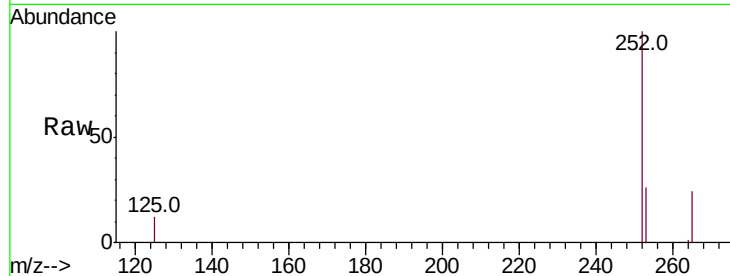




#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 22.69 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

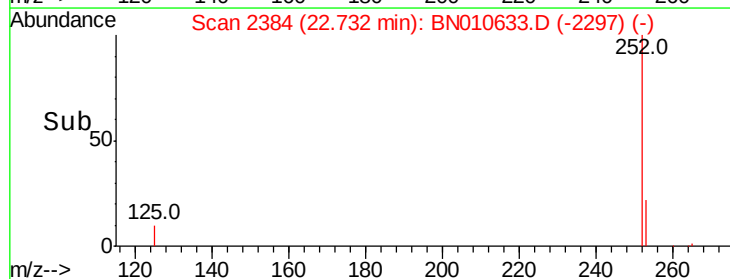
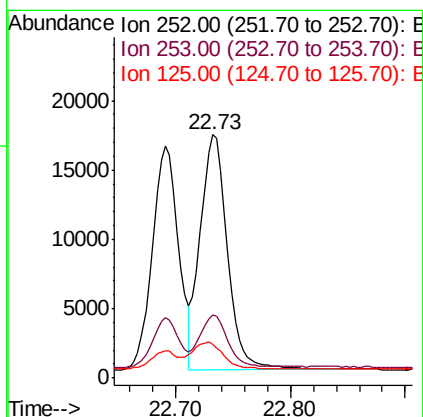
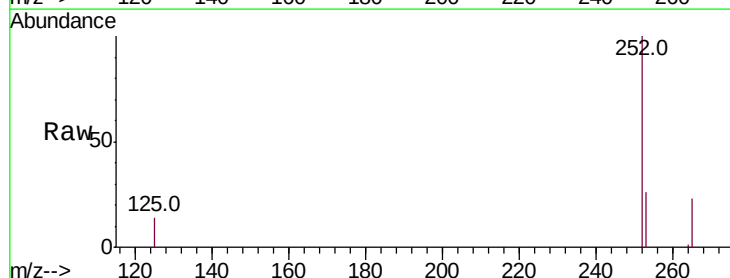
Instrument :
BNA_N
ClientSampleId :

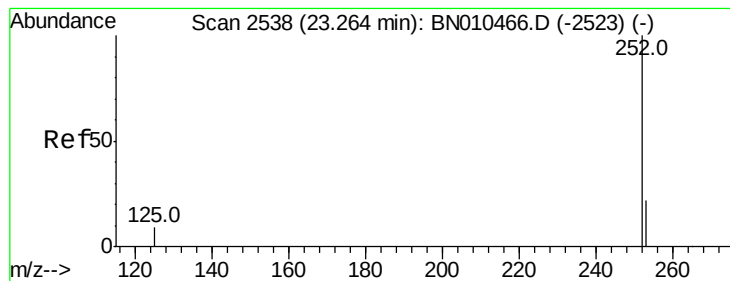
Tot Ion:252 Resp: 25956
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.4
125 11.7 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 22.73 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:252 Resp: 27817
Ion Ratio Lower Upper
252 100
253 25.9 20.1 30.1
125 13.9 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.24 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

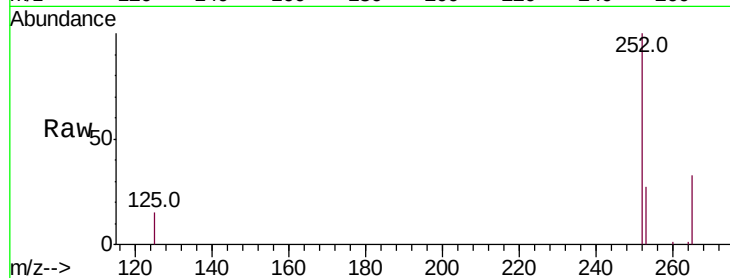
Tot Ion:252 Resp: 23509

Ion Ratio Lower Upper

252 100

253 27.5 21.8 32.8

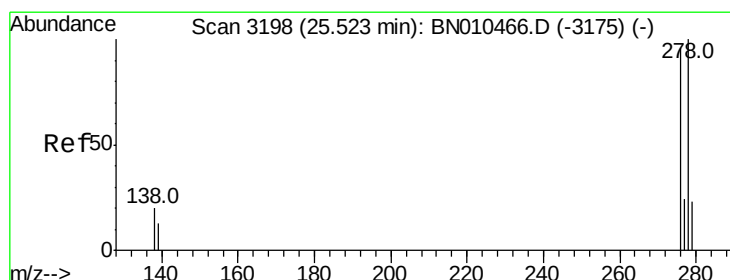
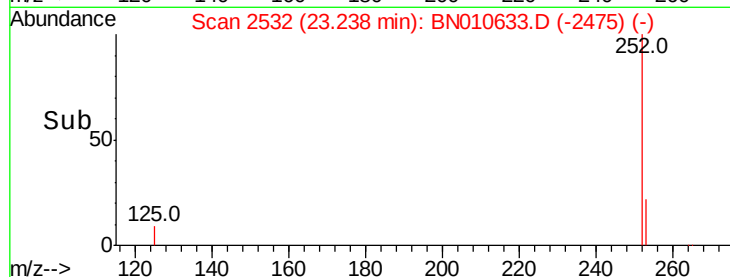
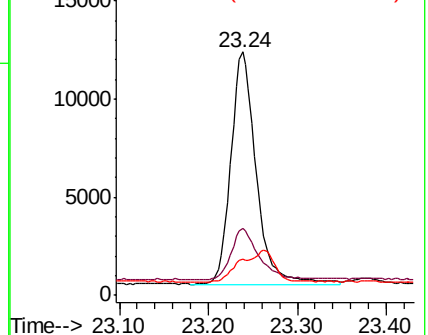
125 14.7 11.0 16.6



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: 0.434 ng

RT: 25.48 min Scan# 3188

Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

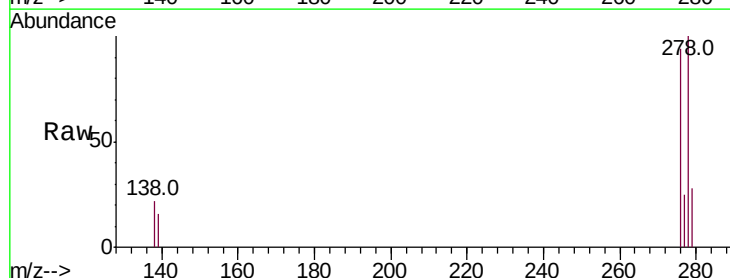
Tgt Ion:278 Resp: 23309

Ion Ratio Lower Upper

278 100

139 15.8 12.3 18.5

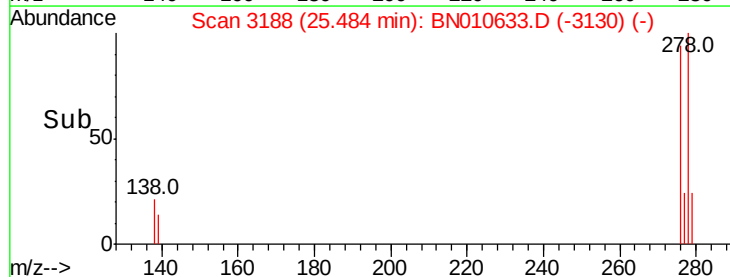
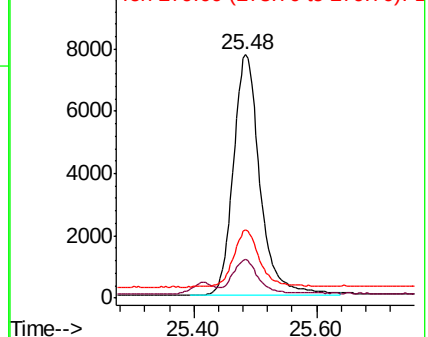
279 28.0 21.9 32.9

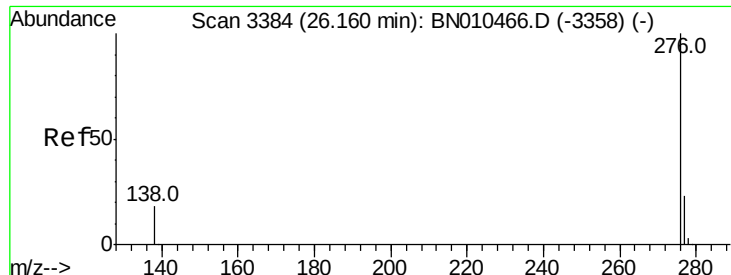


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.439 ng

RT: 26.12 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BN010633.D

Acq: 28 Apr 2020 21:14

Instrument :

BNA_N

ClientSampleId :

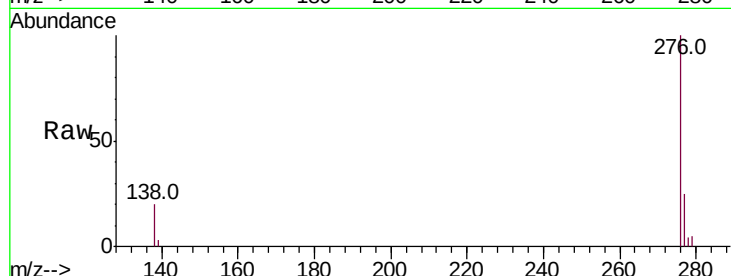
Tot Ion:276 Resp: 23753

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.2

138 19.8 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

