

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
 Data File : BN010037.D
 Acq On : 02 Mar 2020 13:03
 Operator : CG/JU
 Sample : PB127062BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 15:43:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 15:27:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	863	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	2960	0.40	ng	0.00
13) Acenaphthene-d10	14.02	164	1992	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	4667	0.40	ng	0.00
27) Chrysene-d12	21.01	240	4233	0.40	ng	0.00
34) Perylene-d12	23.11	264	4537	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	829	0.43	ng	0.00
5) Phenol-d6	6.62	99	942	0.40	ng	0.00
8) Nitrobenzene-d5	8.57	82	951	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2265	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	321	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	2855	0.38	ng	-0.01
25) Fluoranthene-d10	18.83	212	6266	0.39	ng	0.00
29) Terphenyl-d14	19.44	244	4020	0.40	ng	0.00

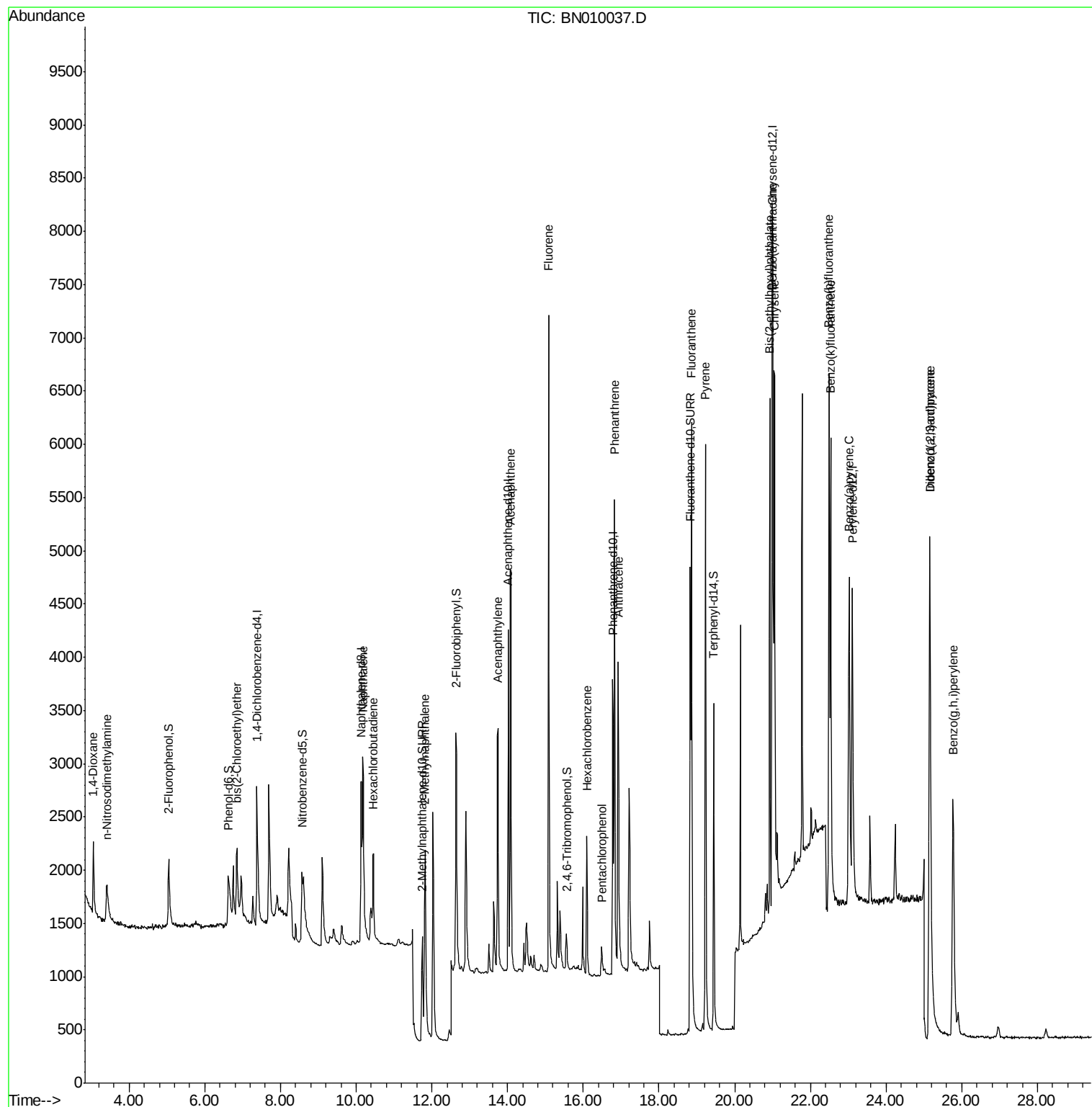
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	357	0.404	ng	87
3) n-Nitrosodimethylamine	3.41	42	602	0.415	ng	# 93
6) bis(2-Chloroethyl)ether	6.85	93	962	0.424	ng	95
9) Naphthalene	10.18	128	3148	0.390	ng	99
10) Hexachlorobutadiene	10.46	225	700	0.394	ng	# 100
12) 2-Methylnaphthalene	11.82	142	2186	0.395	ng	98
16) Acenaphthylene	13.74	152	3267	0.385	ng	100
17) Acenaphthene	14.09	154	2317	0.388	ng	99
18) Fluorene	15.09	166	3127	0.397	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	263	Below Cal		92
21) Hexachlorobenzene	16.10	284	1117	0.384	ng	98
22) Pentachlorophenol	16.48	266	233	0.418	ng	95
23) Phenanthrene	16.82	178	5232	0.377	ng	99
24) Anthracene	16.93	178	4465	0.380	ng	98
26) Fluoranthene	18.86	202	6493	0.390	ng	100
28) Pyrene	19.23	202	6683	0.416	ng	99
30) Benzo(a)anthracene	21.00	228	5029	0.358	ng	99
31) Chrysene	21.05	228	6340	0.390	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	4177	0.609	ng	99
33) Indeno(1,2,3-cd)pyrene	25.15	276	6626	0.392	ng	99
35) Benzo(b)fluoranthene	22.49	252	5952	0.359	ng	100
36) Benzo(k)fluoranthene	22.54	252	6598	0.365	ng	99
37) Benzo(a)pyrene	23.02	252	5807	0.384	ng	99
38) Dibenzo(a,h)anthracene	25.16	278	5111	0.343	ng	99
39) Benzo(g,h,i)perylene	25.77	276	5781	0.364	ng	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
Data File : BN010037.D
Acq On : 02 Mar 2020 13:03
Operator : CG/JU
Sample : PB127062BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Mar 02 15:43:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 15:27:13 2020
Response via : Initial Calibration



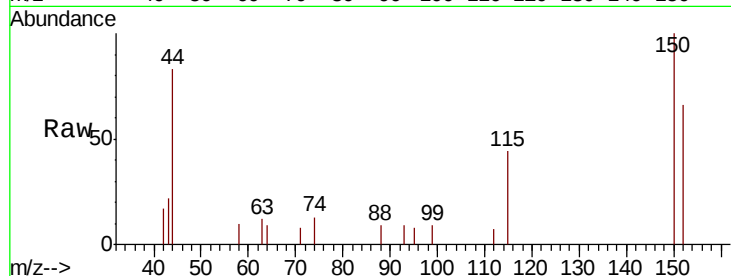


#1

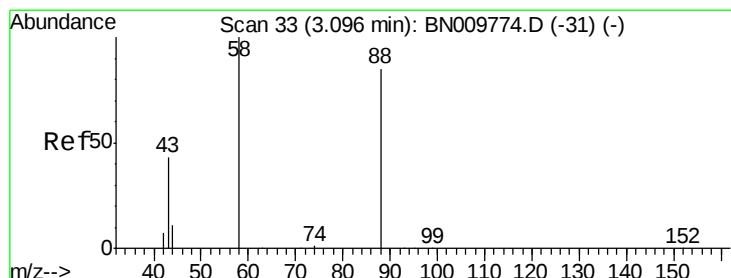
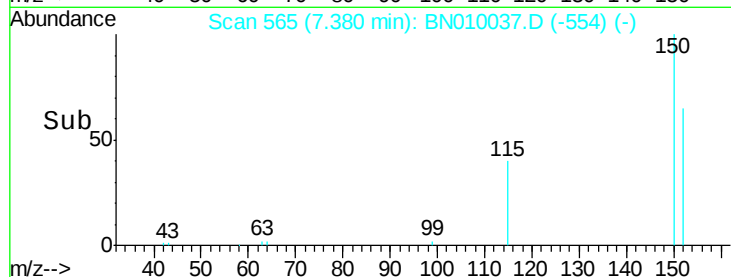
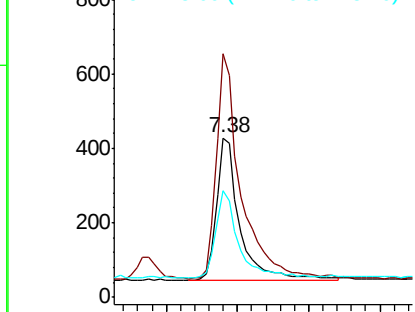
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 863
Ion Ratio Lower Upper
152 100
150 152.4 118.6 177.8
115 67.1 51.8 77.6



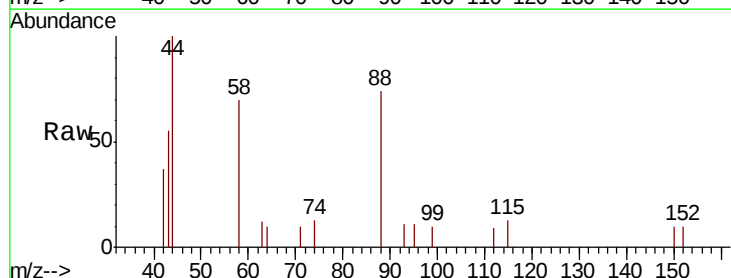
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



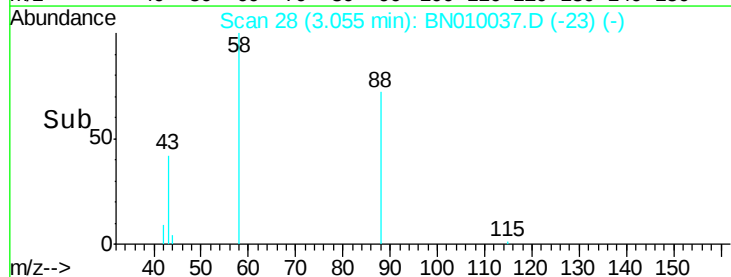
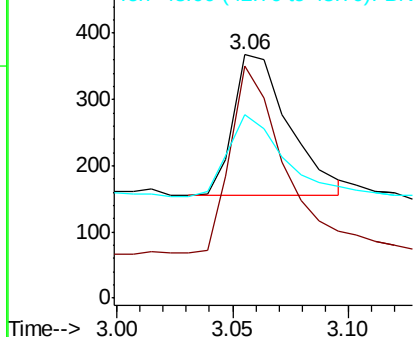
#2

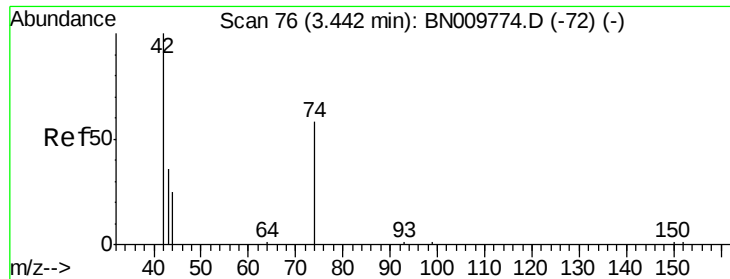
1,4-Dioxane
Concen: 0.404 ng
RT: 3.06 min Scan# 28
Delta R.T. -0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion: 88 Resp: 357
Ion Ratio Lower Upper
88 100
58 127.2 86.2 129.4
43 58.0 47.4 71.0



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



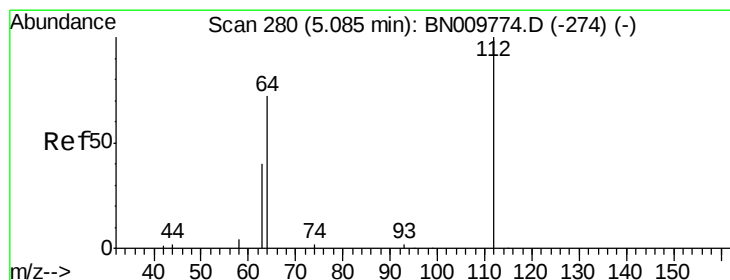
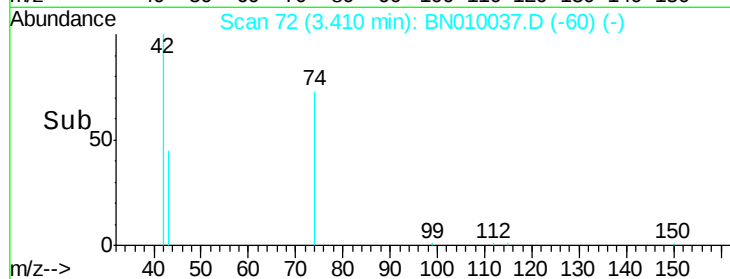
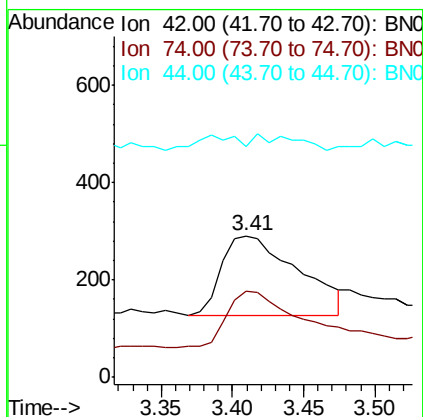
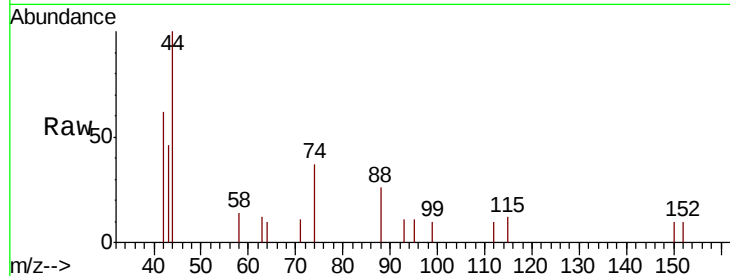


#3

n-Nitrosodimethylamine
 Concen: 0.415 ng
 RT: 3.41 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BN010037.D
 Acq: 02 Mar 2020 13:03

Instrument :
 BNA_N
 ClientSampleId :

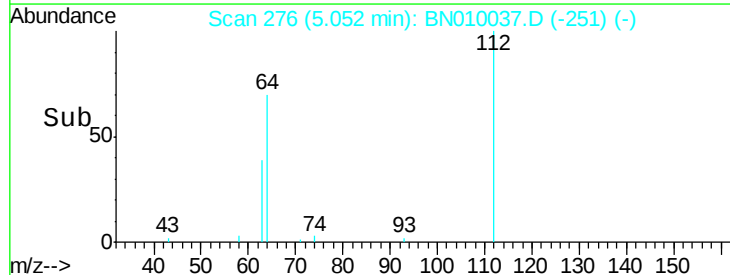
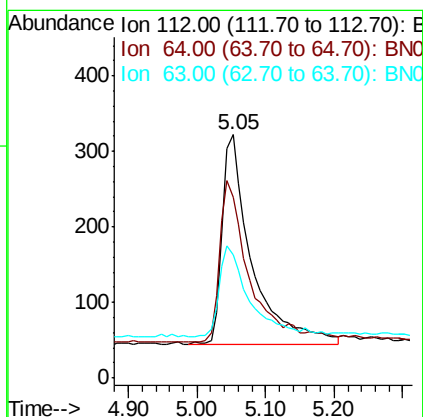
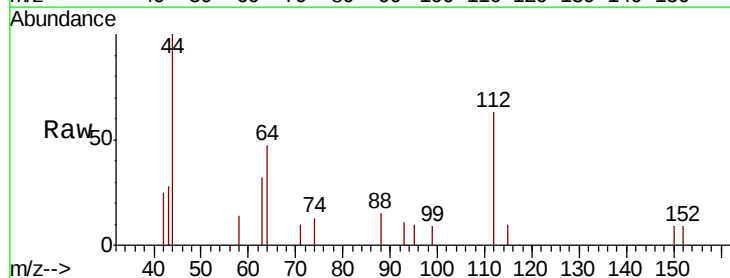
Tot Ion: 42 Resp: 602
 Ion Ratio Lower Upper
 42 100
 74 67.9 58.9 88.3
 44 2.8 4.6 7.0#



#4

2-Fluorophenol
 Concen: 0.432 ng
 RT: 5.05 min Scan# 276
 Delta R.T. -0.00 min
 Lab File: BN010037.D
 Acq: 02 Mar 2020 13:03

Tgt Ion: 112 Resp: 829
 Ion Ratio Lower Upper
 112 100
 64 76.0 62.5 93.7
 63 44.0 35.4 53.0





#5

Phenol-d6

Concen: 0.403 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

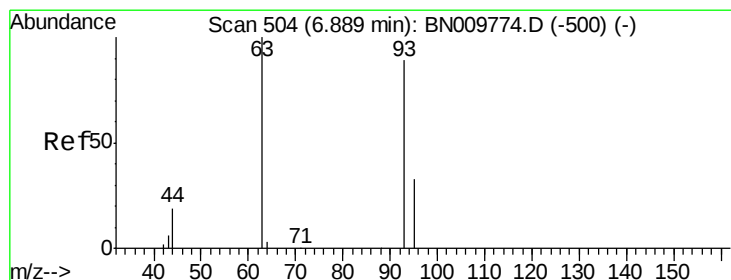
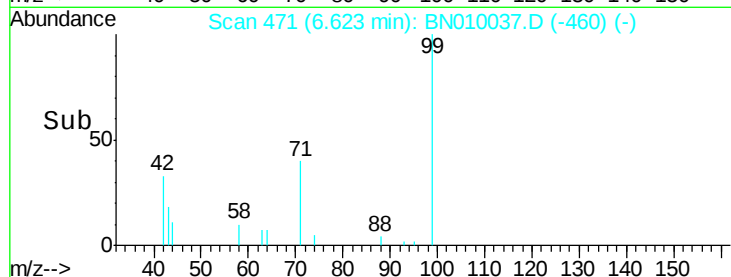
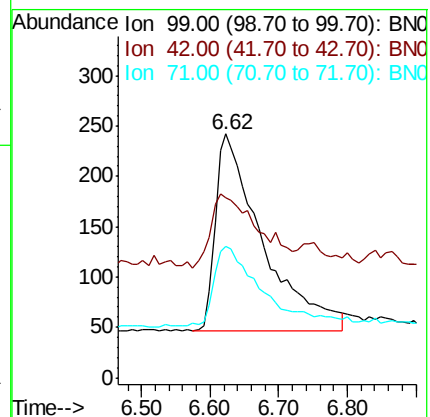
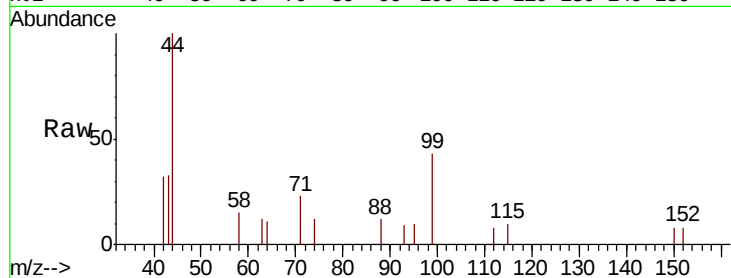
Tot Ion: 99 Resp: 942

Ion Ratio Lower Upper

99 100

42 35.7 25.9 38.9

71 41.4 35.0 52.6



#6

bis(2-Chloroethyl)ether

Concen: 0.424 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.01 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

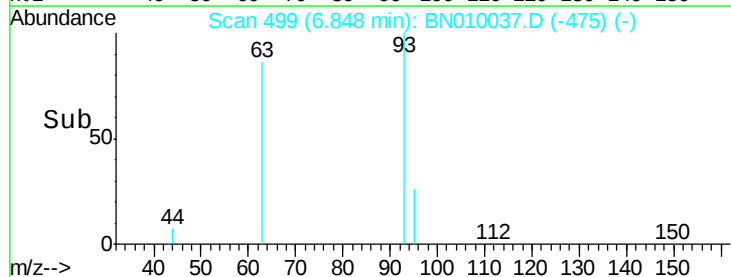
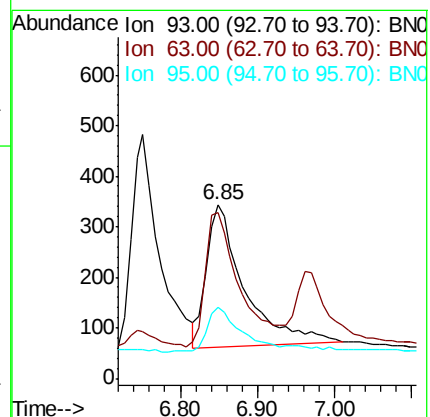
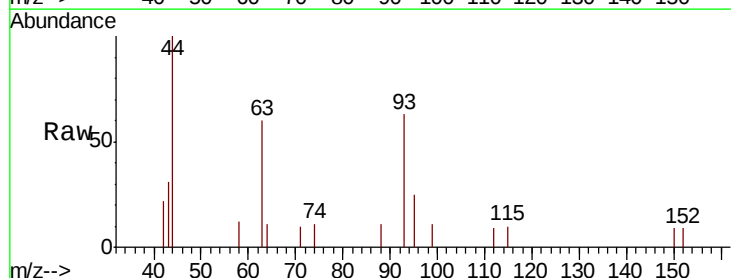
Tgt Ion: 93 Resp: 962

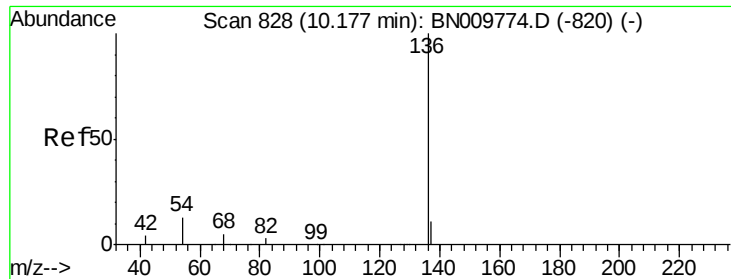
Ion Ratio Lower Upper

93 100

63 84.8 63.2 94.8

95 31.8 25.0 37.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 2960

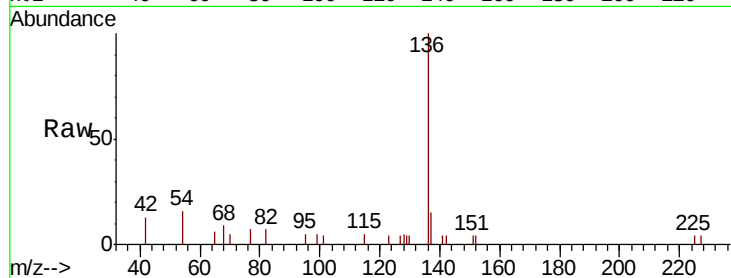
Ion Ratio Lower Upper

136 100

137 14.9 11.3 16.9

54 15.9 13.9 20.9

68 9.1 7.1 10.7

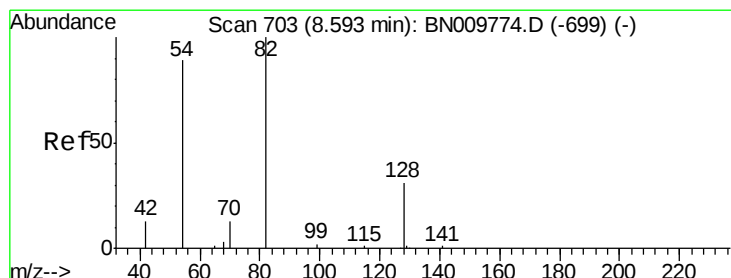
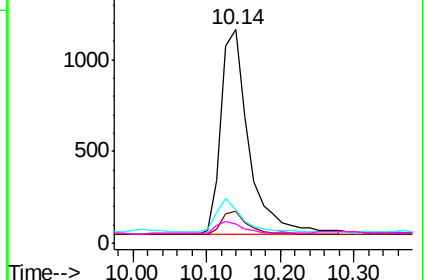
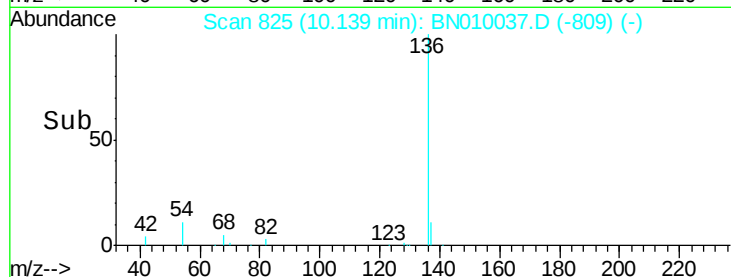


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 8.57 min Scan# 701

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

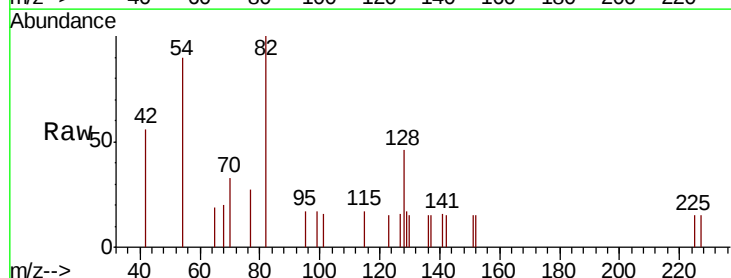
Tgt Ion: 82 Resp: 951

Ion Ratio Lower Upper

82 100

128 46.3 37.5 56.3

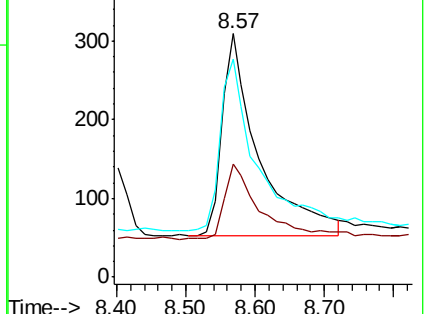
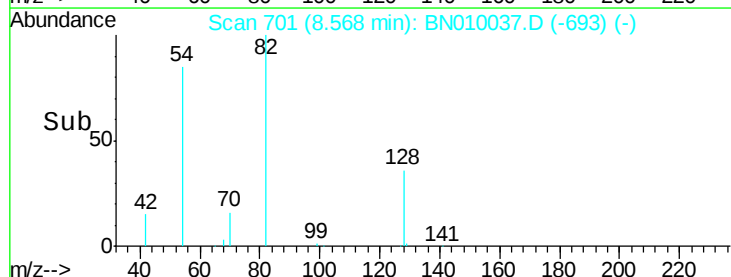
54 89.6 72.4 108.6



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: 0.390 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

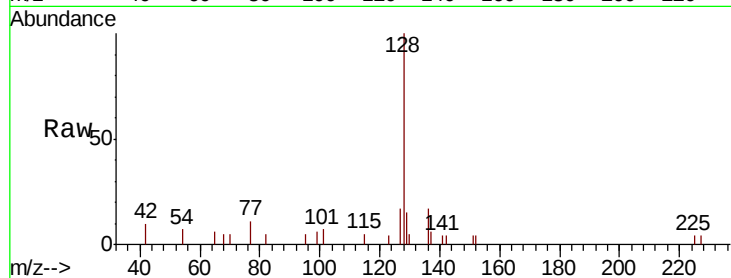
Tot Ion:128 Resp: 3148

Ion Ratio Lower Upper

128 100

129 14.9 11.6 17.4

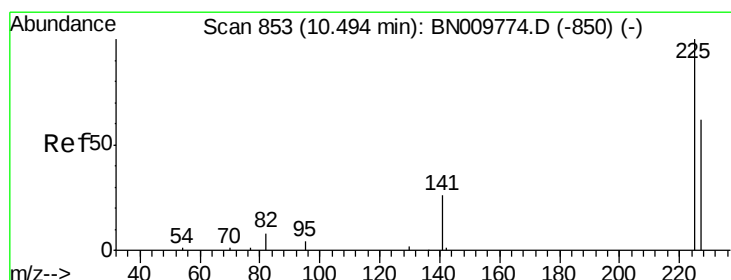
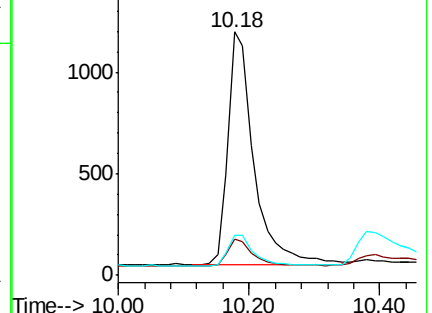
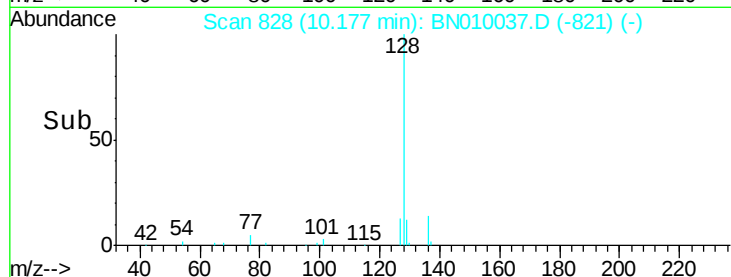
127 16.5 12.6 19.0



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: 0.394 ng

RT: 10.46 min Scan# 850

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

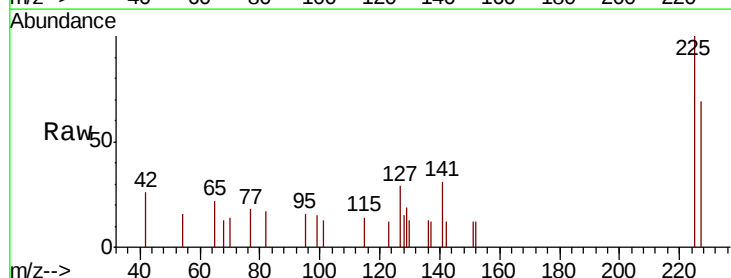
Tgt Ion:225 Resp: 700

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

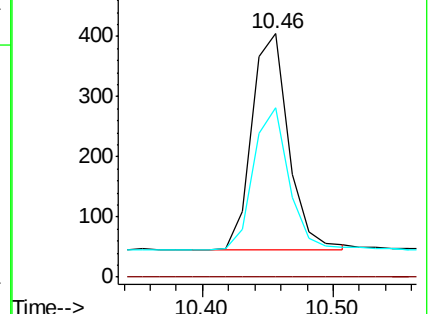
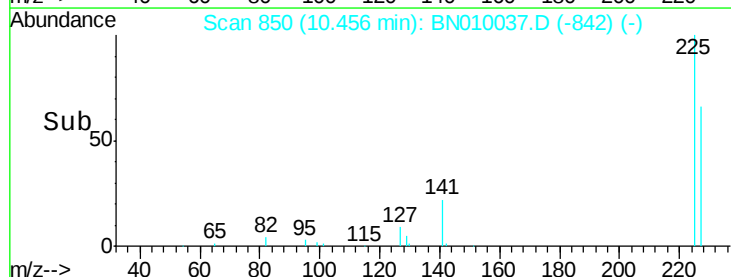
227 63.7 51.1 76.7



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: 0.395 ng

RT: 11.74 min Scan# 986

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

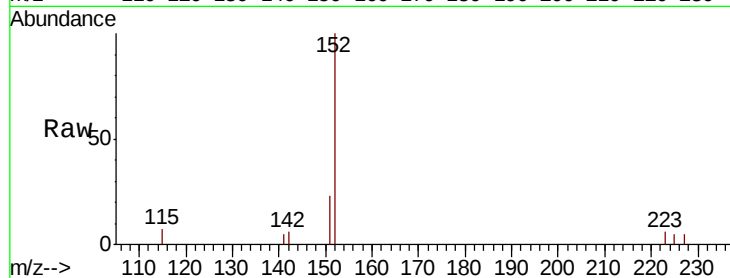
ClientSampleId :

Tot Ion:152 Resp: 2265

Ion Ratio Lower Upper

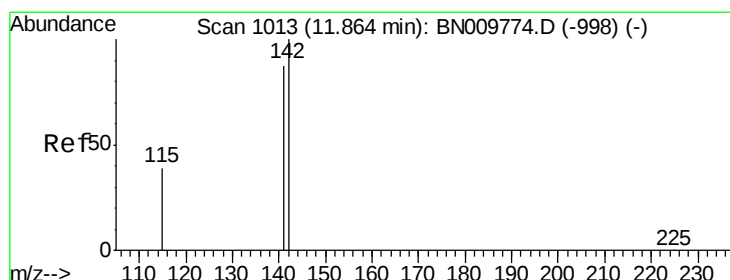
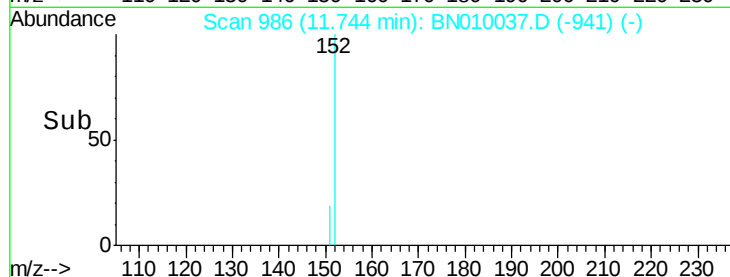
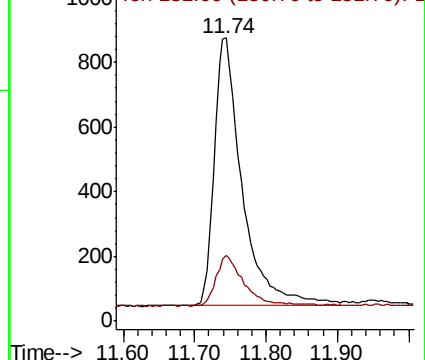
152 100

151 19.3 14.6 22.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 11.82 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

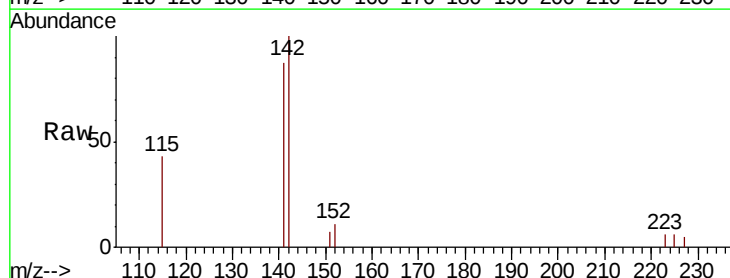
Tgt Ion:142 Resp: 2186

Ion Ratio Lower Upper

142 100

141 86.9 71.5 107.3

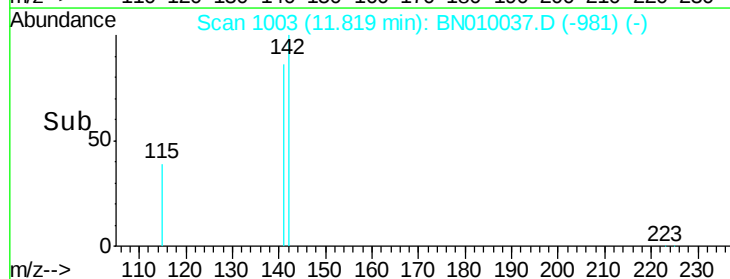
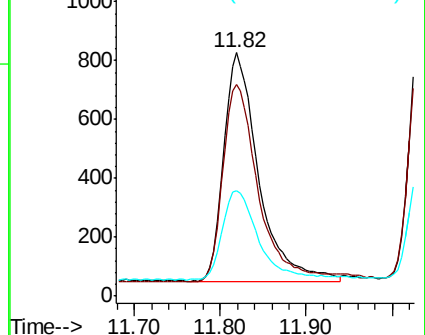
115 43.0 34.8 52.2

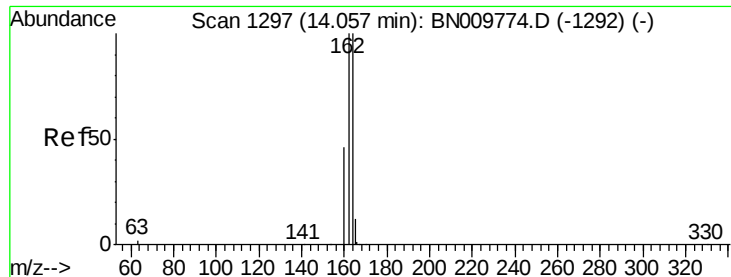


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.02 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

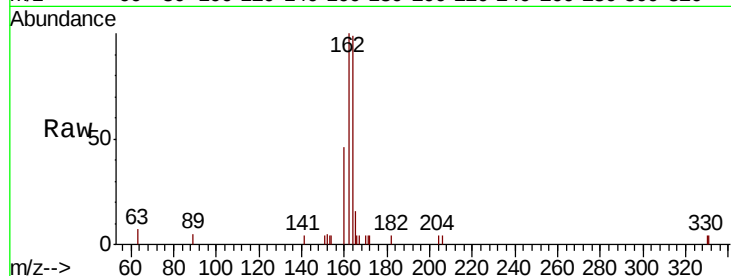
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 1992

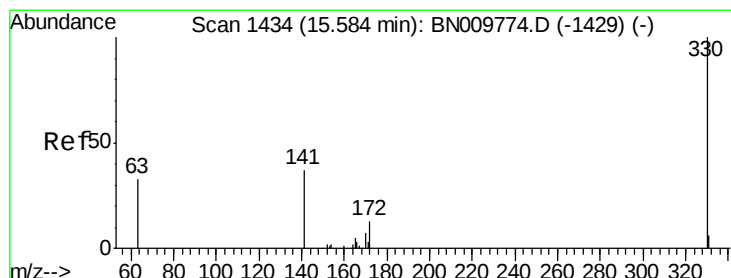
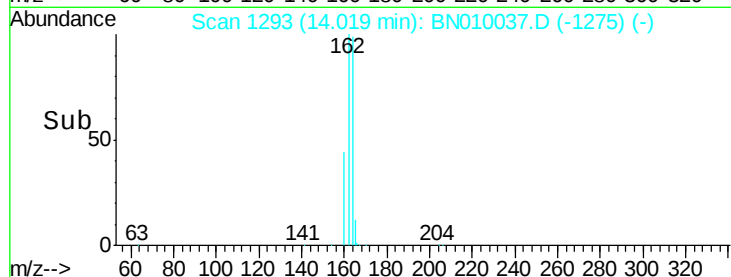
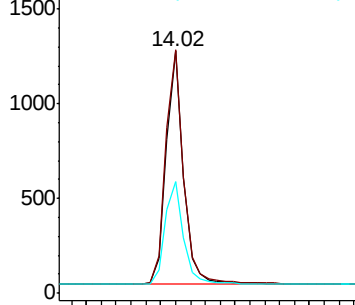
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.9	122.9
160	46.3	37.6	56.4



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: 0.418 ng

RT: 15.56 min Scan# 1431

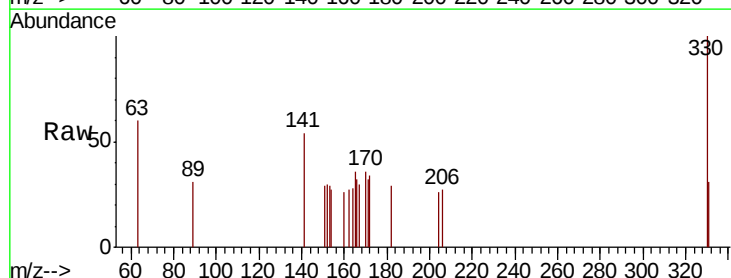
Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Tgt Ion:330 Resp: 321

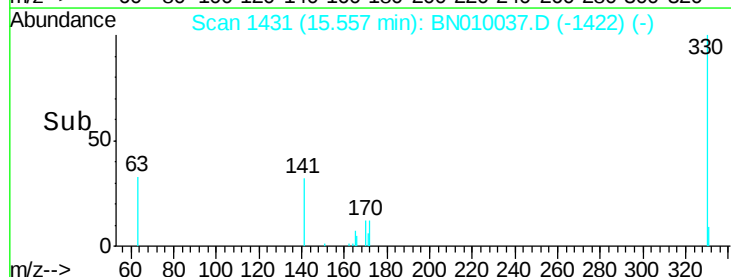
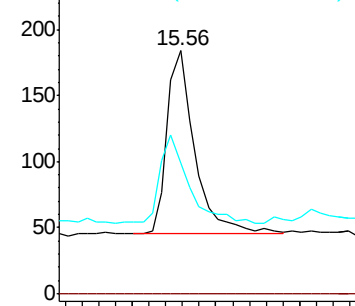
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.8	38.2	57.2



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

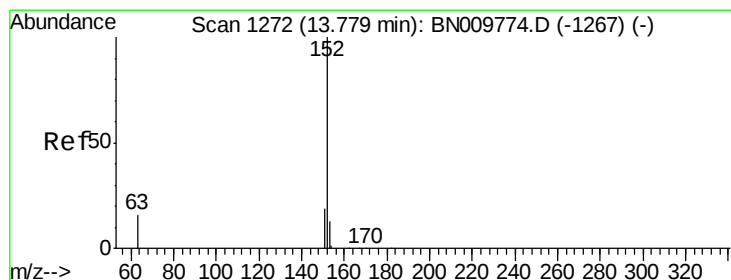
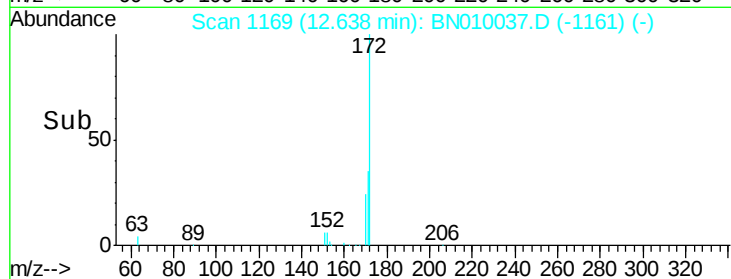
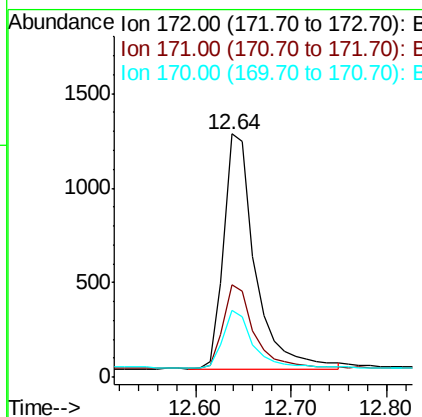
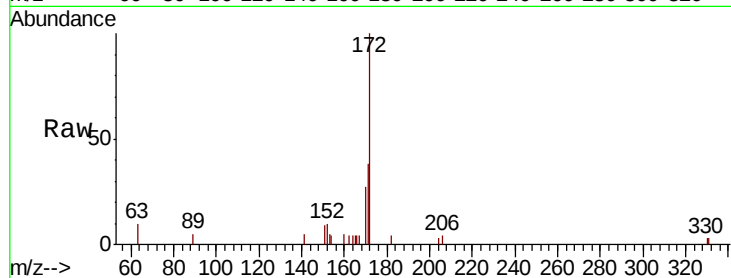




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.64 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

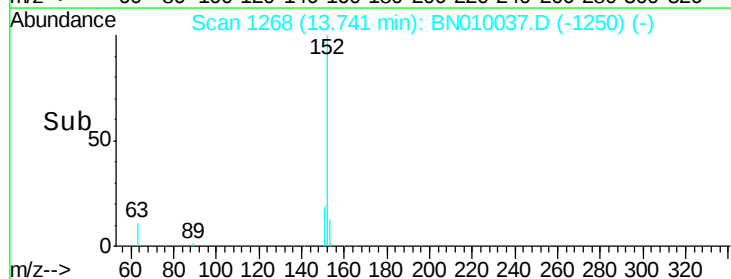
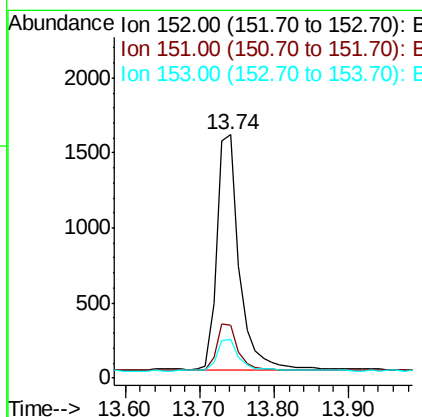
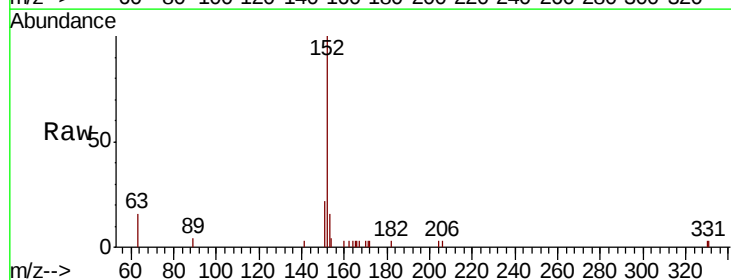
Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 2855
Ion Ratio Lower Upper
172 100
171 37.8 28.8 43.2
170 27.4 19.4 29.0



#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.74 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:152 Resp: 3267
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.8 10.8 16.2





#17

Acenaphthene

Concen: 0.388 ng

RT: 14.09 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

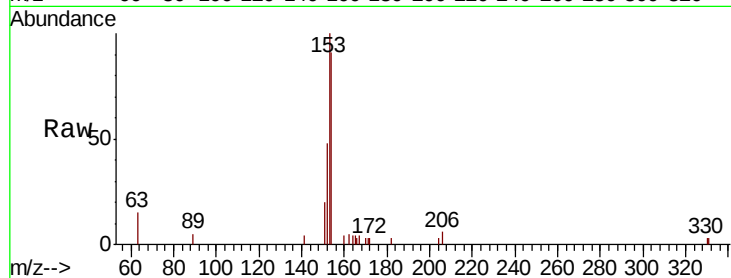
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 2317

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.4	137.2
152	54.6	44.2	66.4

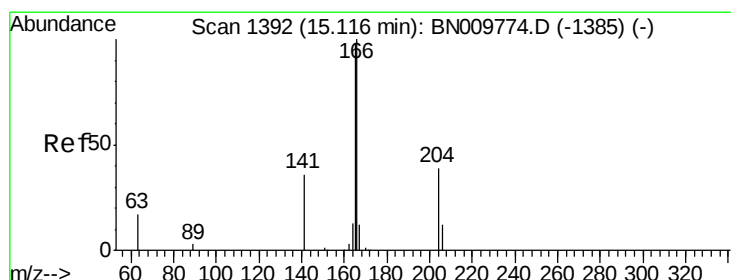
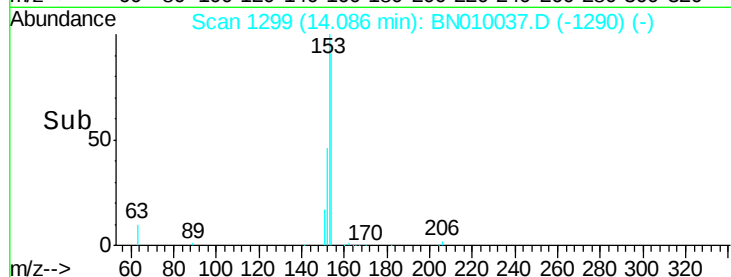
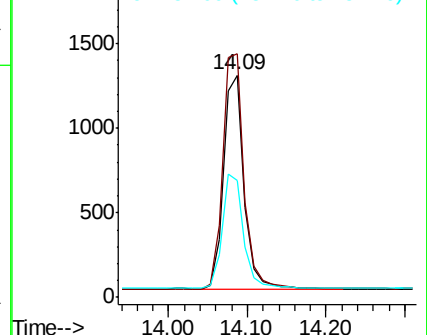


Abundance

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: 0.397 ng

RT: 15.09 min Scan# 1389

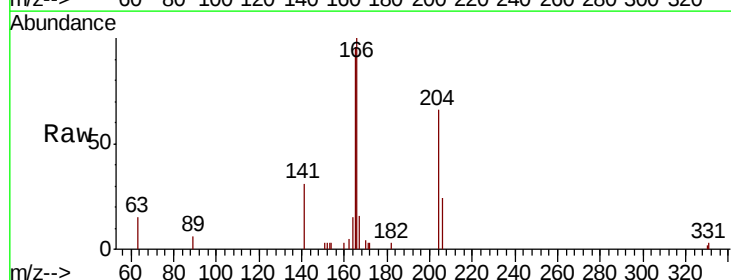
Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Tgt Ion:166 Resp: 3127

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.1	115.7
167	13.4	11.3	16.9

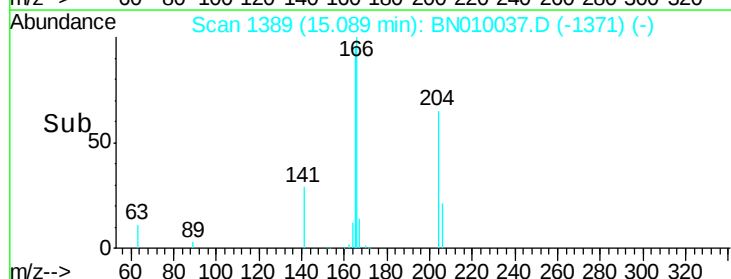
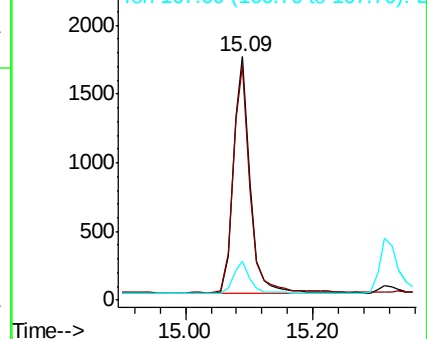


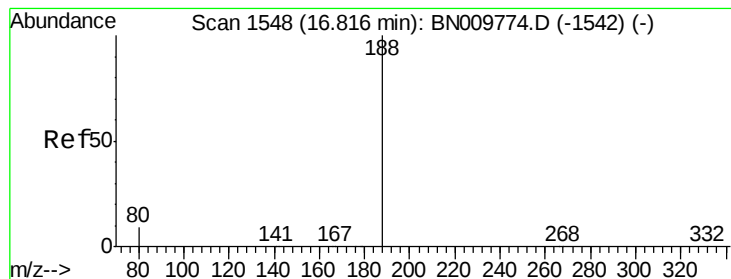
Abundance

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: 16.78 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

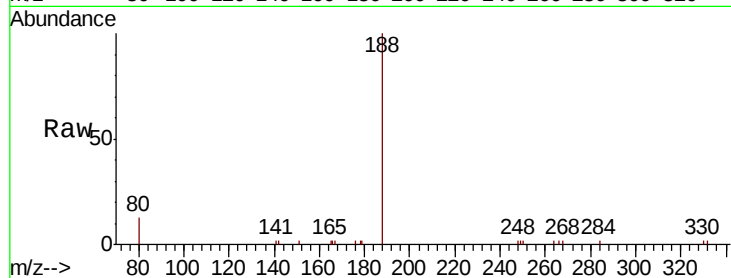
Tot Ion:188 Resp: 4667

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

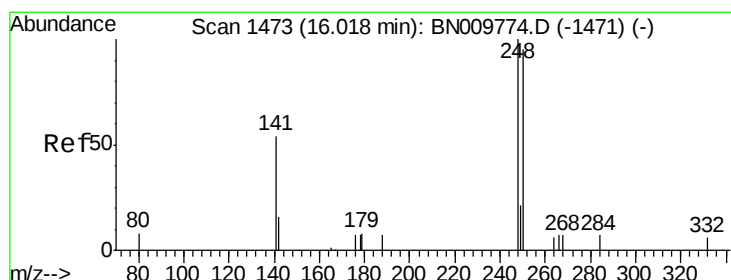
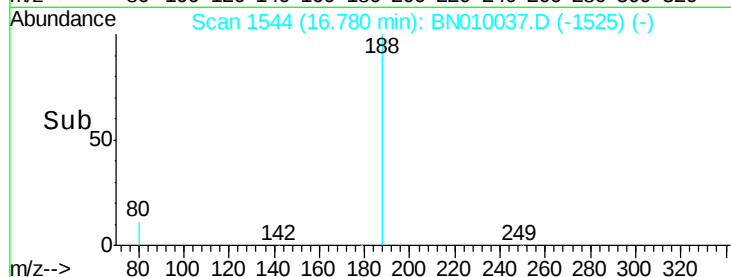
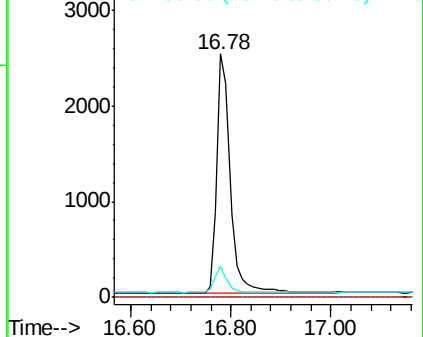
80 12.5 9.4 14.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

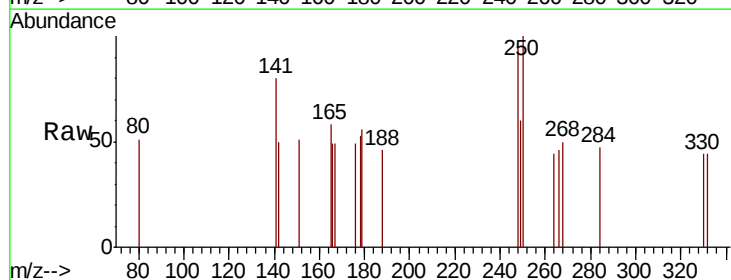
Tgt Ion:248 Resp: 263

Ion Ratio Lower Upper

248 100

250 105.1 94.2 141.2

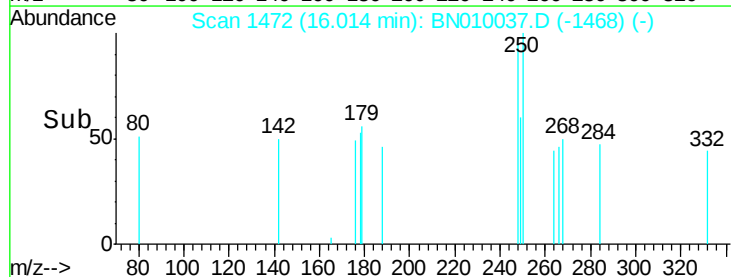
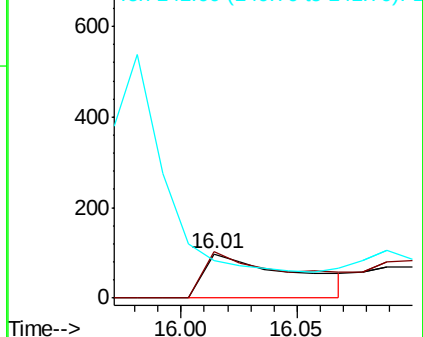
141 83.7 70.0 105.0

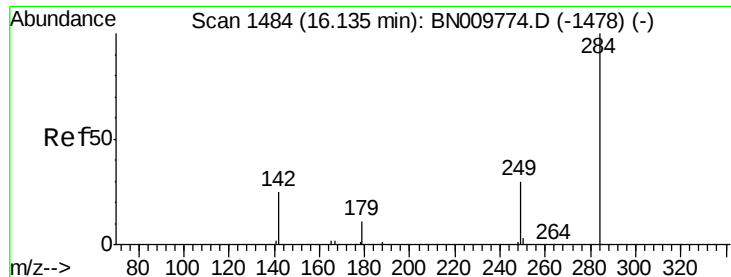


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 16.10 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

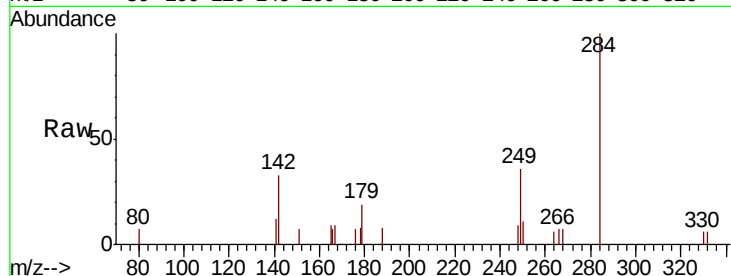
Tot Ion:284 Resp: 1117

Ion Ratio Lower Upper

284 100

142 39.8 33.3 49.9

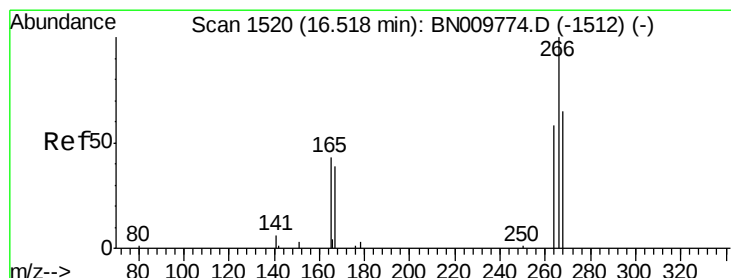
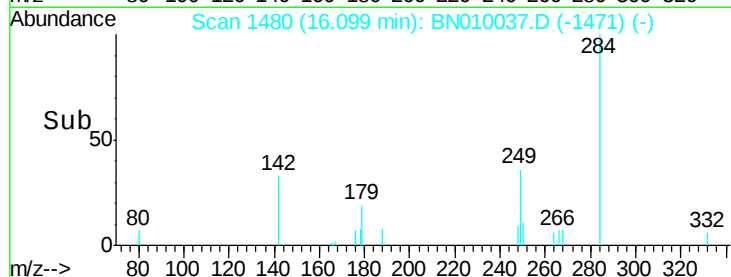
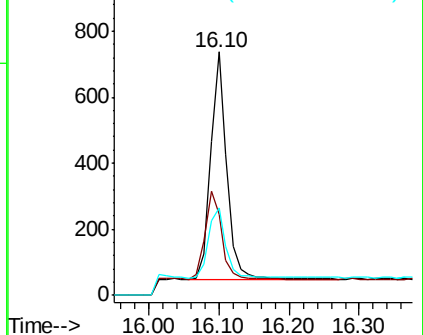
249 32.5 26.0 39.0



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: 0.418 ng

RT: 16.48 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

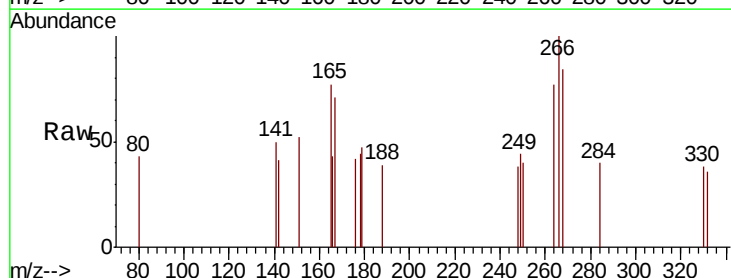
Tgt Ion:266 Resp: 233

Ion Ratio Lower Upper

266 100

264 77.0 57.4 86.0

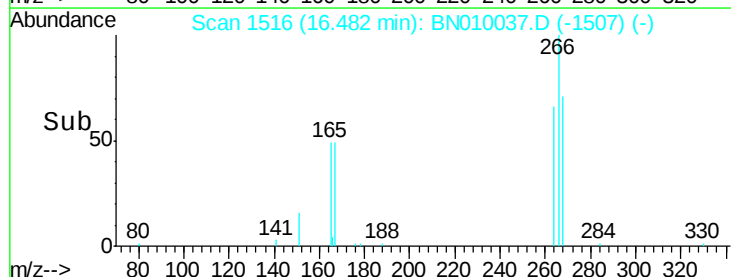
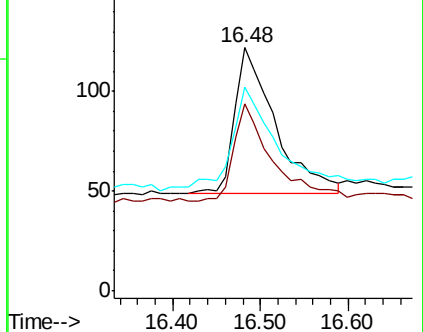
268 83.6 63.8 95.6

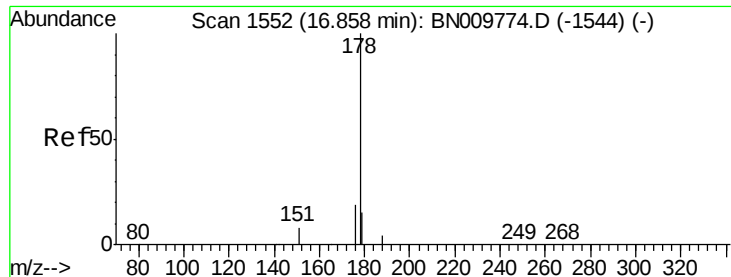


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.377 ng

RT: 16.82 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

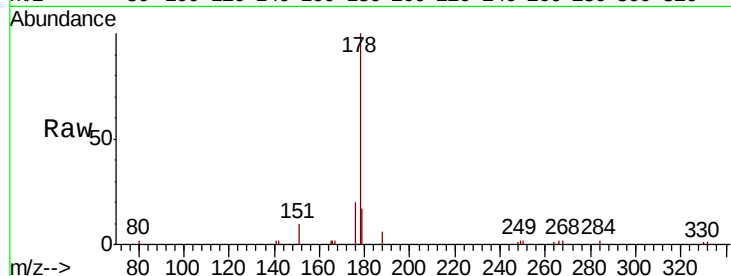
Tot Ion:178 Resp: 5232

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

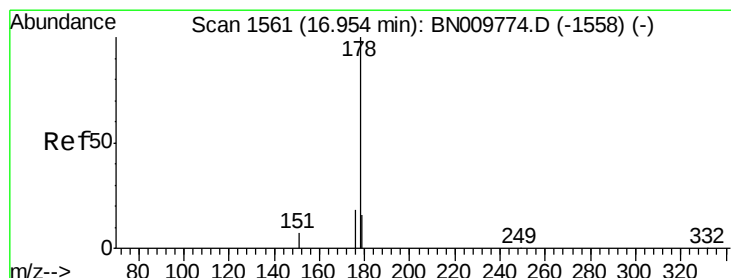
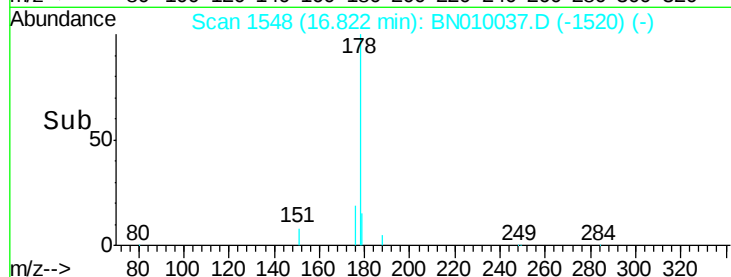
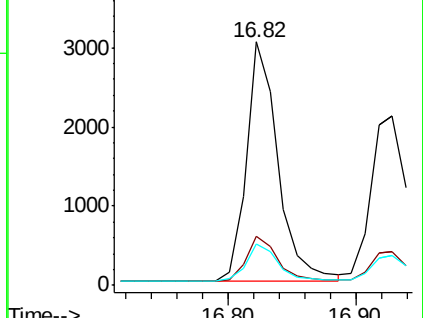
179 15.5 12.2 18.4



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: 0.380 ng

RT: 16.93 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

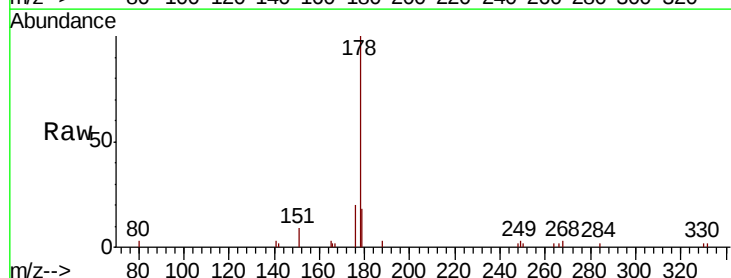
Tgt Ion:178 Resp: 4465

Ion Ratio Lower Upper

178 100

176 18.5 14.2 21.2

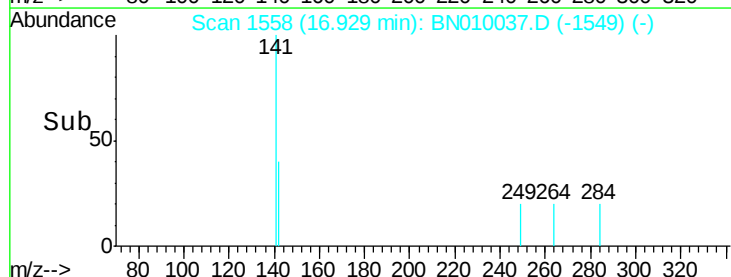
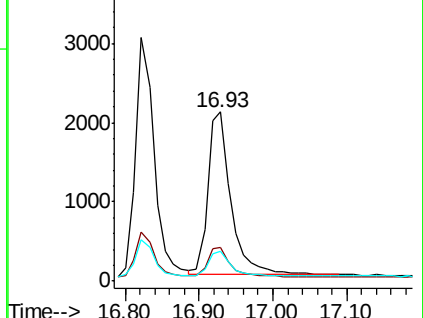
179 15.5 11.8 17.8

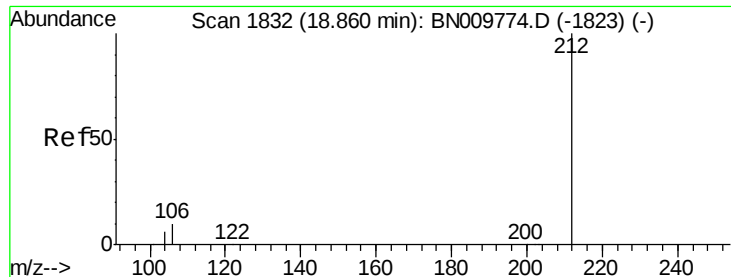


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 18.83 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

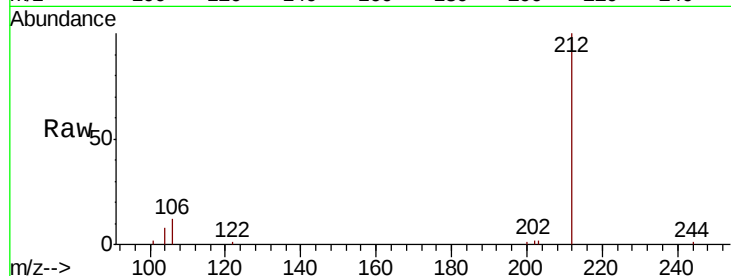
Tot Ion:212 Resp: 6266

Ion Ratio Lower Upper

212 100

106 10.8 8.2 12.4

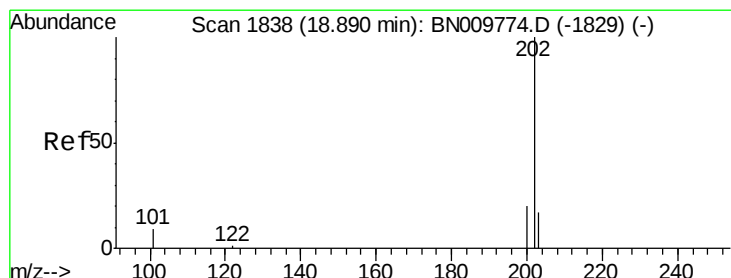
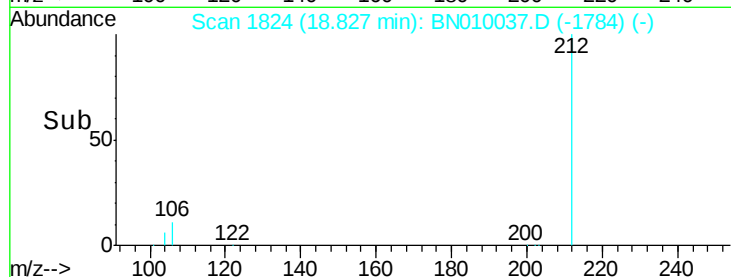
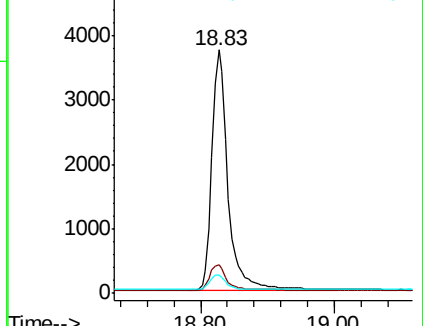
104 6.3 5.0 7.6



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: 0.390 ng

RT: 18.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

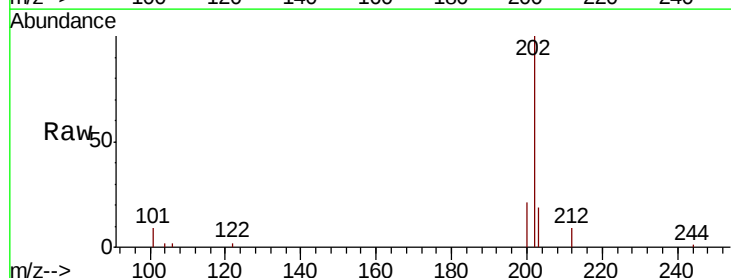
Tgt Ion:202 Resp: 6493

Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.6

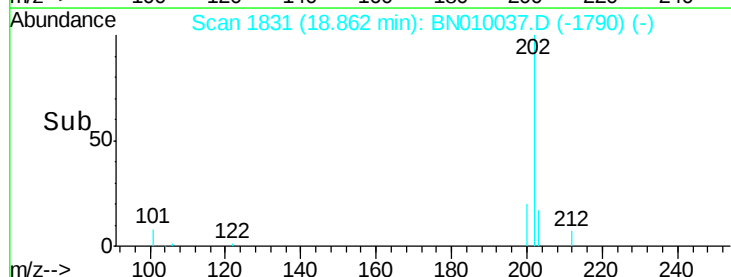
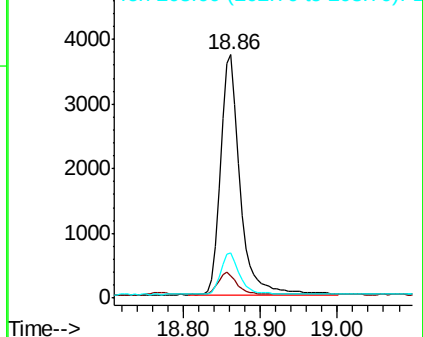
203 17.0 13.4 20.2



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: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

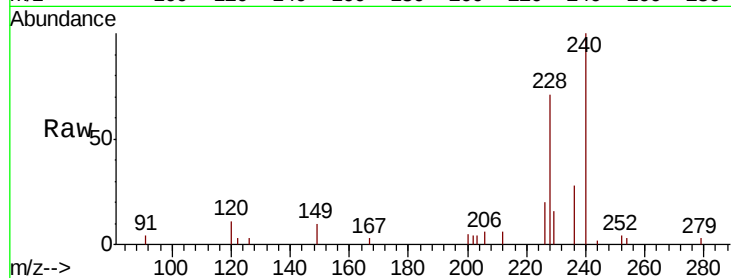
Tot Ion:240 Resp: 4233

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

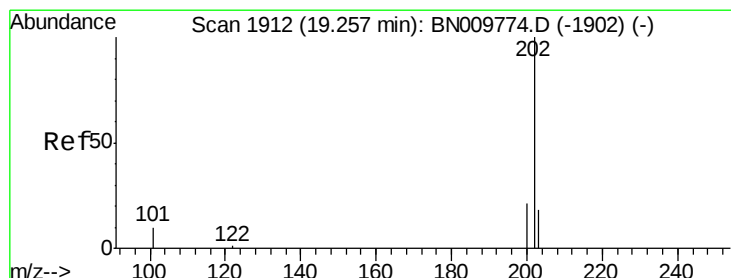
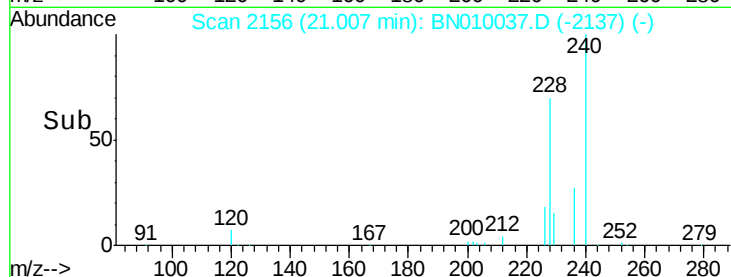
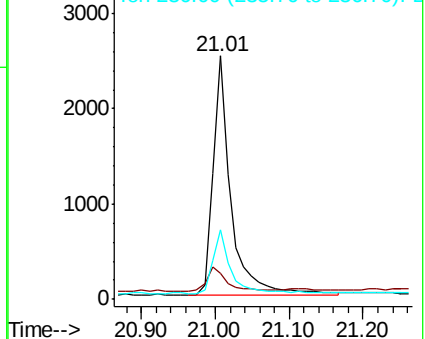
236 28.4 22.5 33.7



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: 0.416 ng

RT: 19.23 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

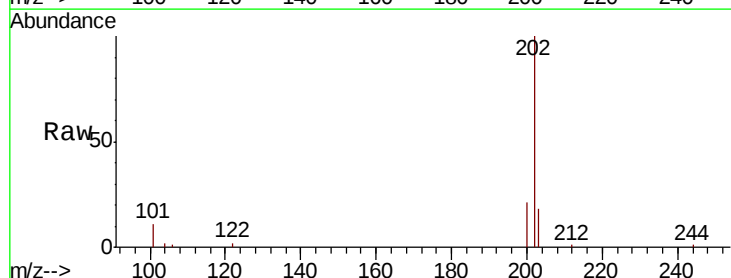
Tgt Ion:202 Resp: 6683

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

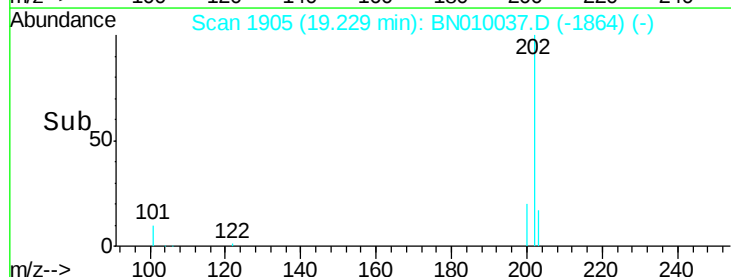
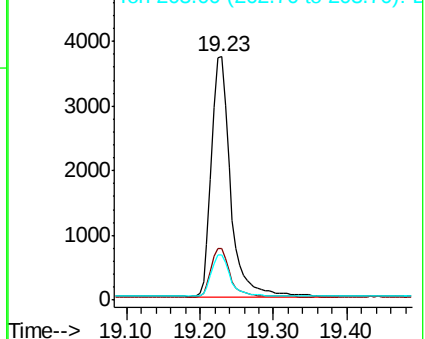
203 17.2 14.0 21.0

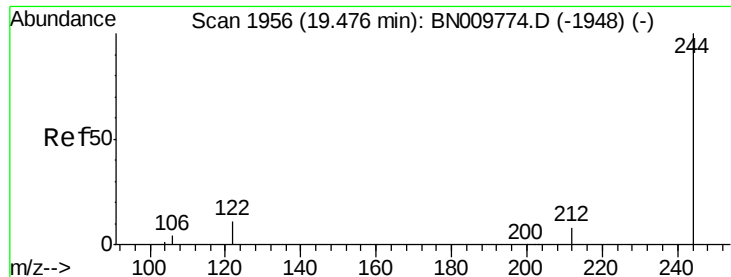


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.44 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

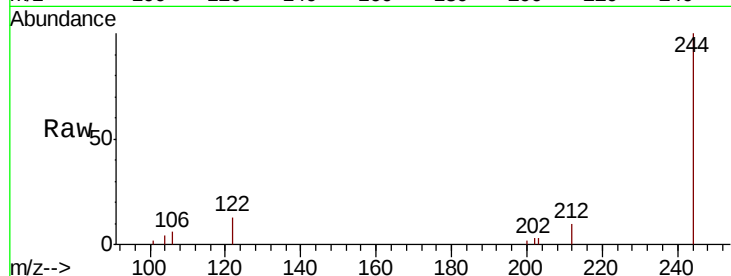
Tot Ion:244 Resp: 4020

Ion Ratio Lower Upper

244 100

212 9.9 8.0 12.0

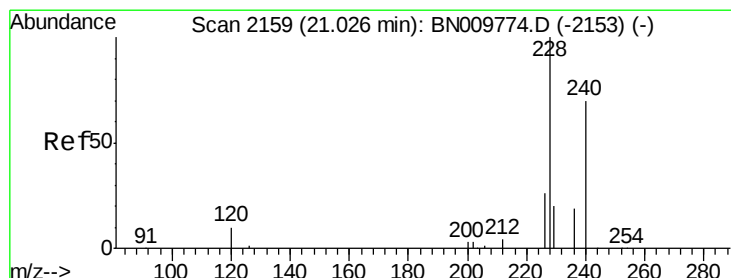
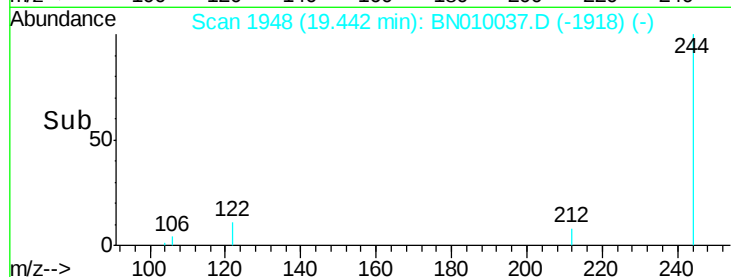
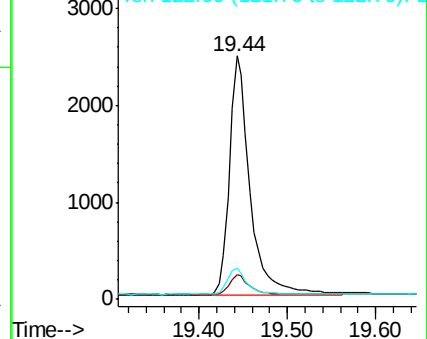
122 12.5 9.9 14.9



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: 0.358 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

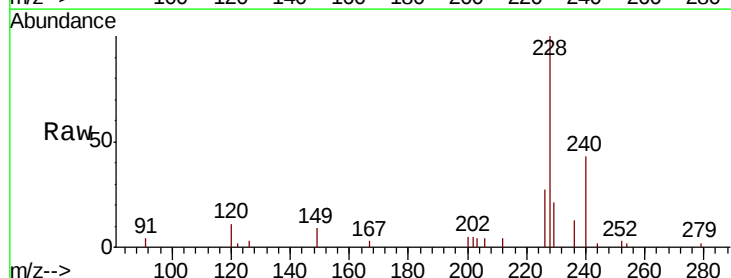
Tgt Ion:228 Resp: 5029

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

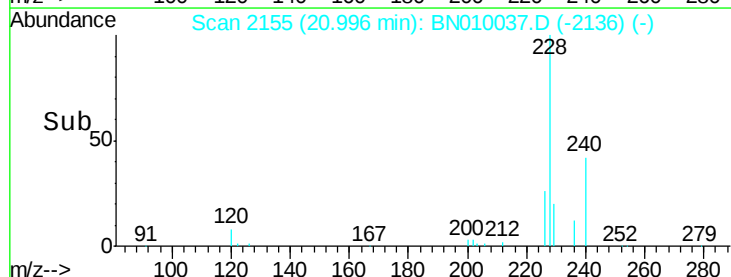
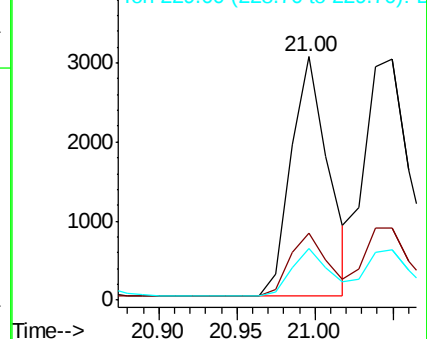
229 21.0 17.1 25.7

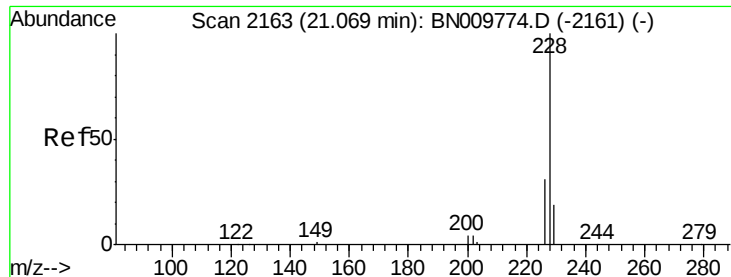


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

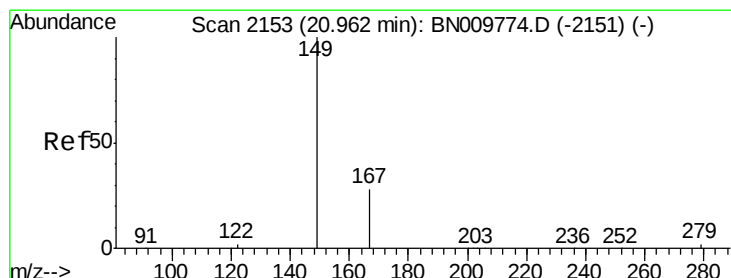
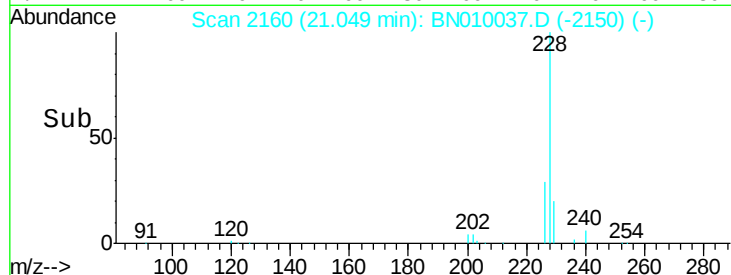
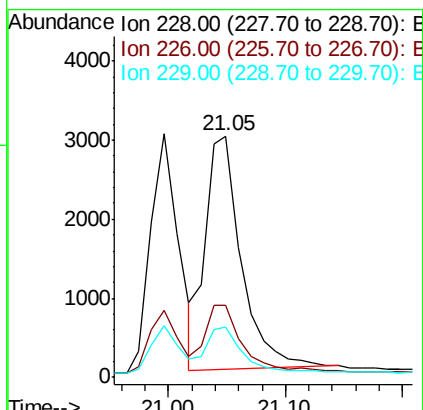
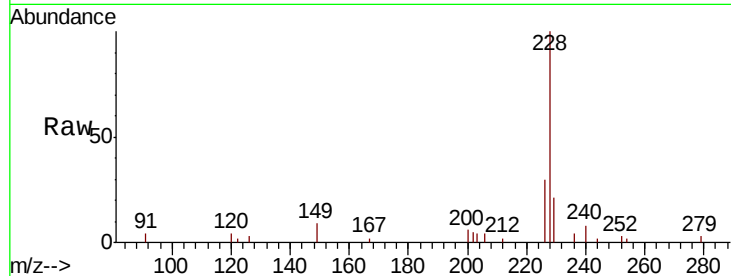




#31
Chrysene
Concen: 0.390 ng
RT: 21.05 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

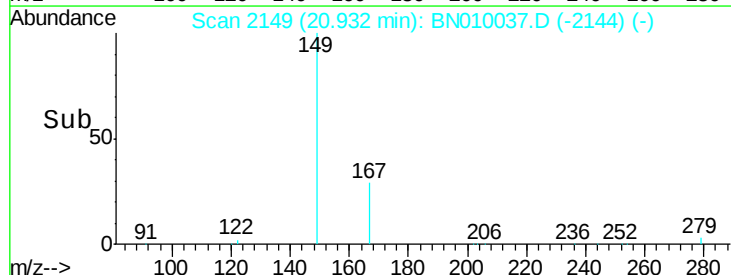
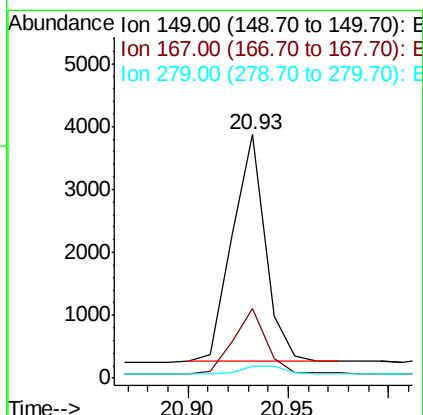
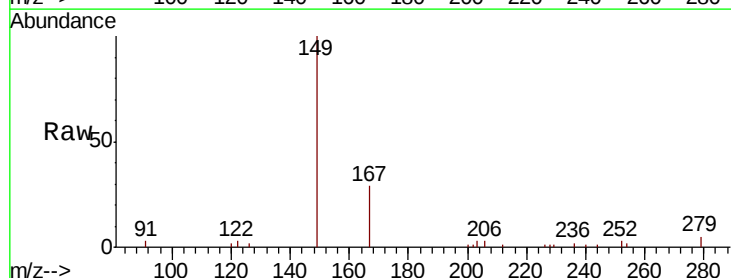
Instrument :
BNA_N
ClientSampleId :

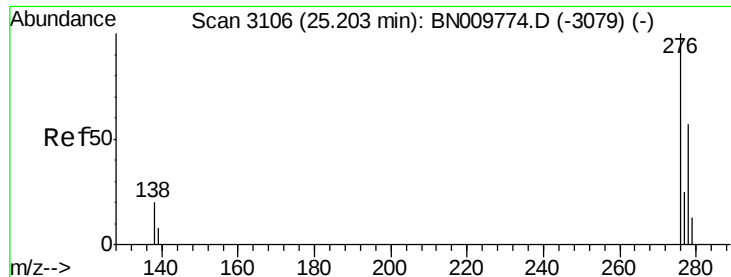
Tot Ion:228 Resp: 6340
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 21.1 16.5 24.7



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.609 ng
RT: 20.93 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:149 Resp: 4177
Ion Ratio Lower Upper
149 100
167 28.3 22.0 33.0
279 3.9 3.2 4.8

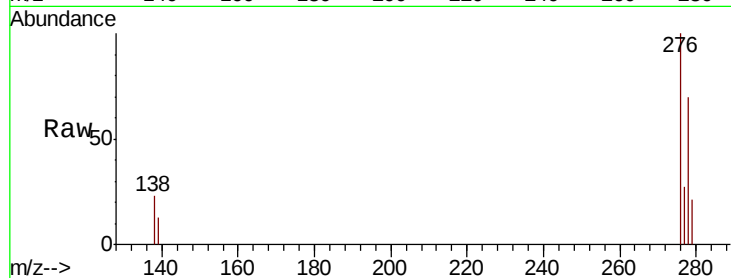




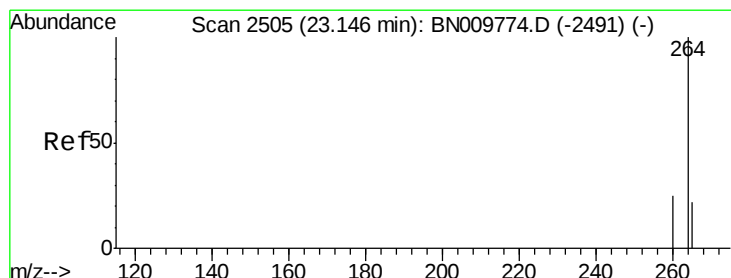
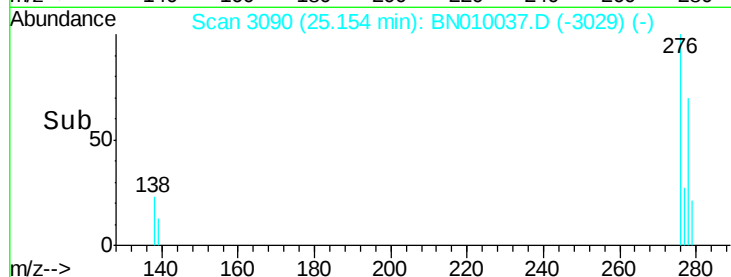
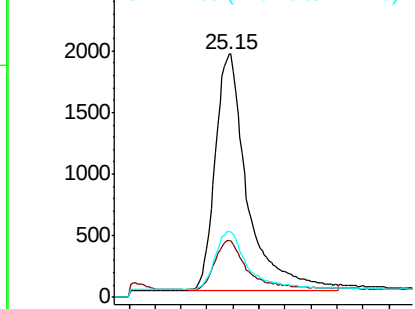
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.392 ng
 RT: 25.15 min Scan# 3090
 Delta R.T. 0.01 min
 Lab File: BN010037.D
 Acq: 02 Mar 2020 13:03

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 6626
 Ion Ratio Lower Upper
 276 100
 138 20.1 16.6 25.0
 277 23.7 18.6 28.0

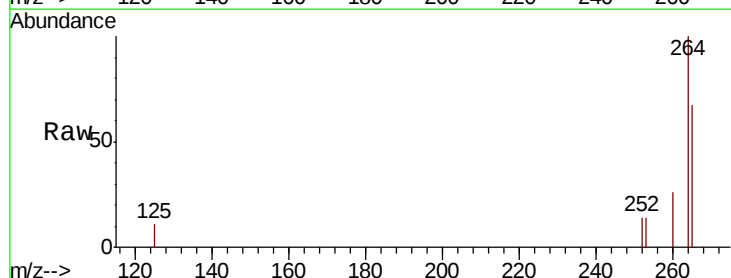


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

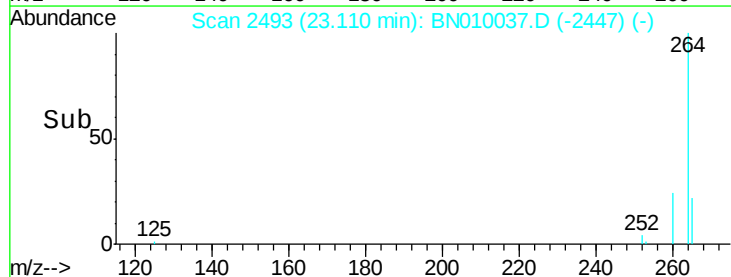
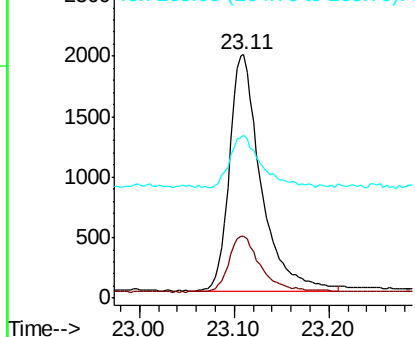


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2493
 Delta R.T. 0.01 min
 Lab File: BN010037.D
 Acq: 02 Mar 2020 13:03

Tgt Ion:264 Resp: 4537
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.4 30.6
 265 66.8 50.5 75.7



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: 0.359 ng

RT: 22.49 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

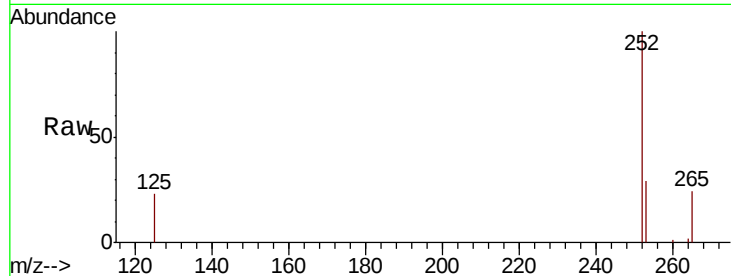
Tot Ion:252 Resp: 5952

Ion Ratio Lower Upper

252 100

253 29.1 23.1 34.7

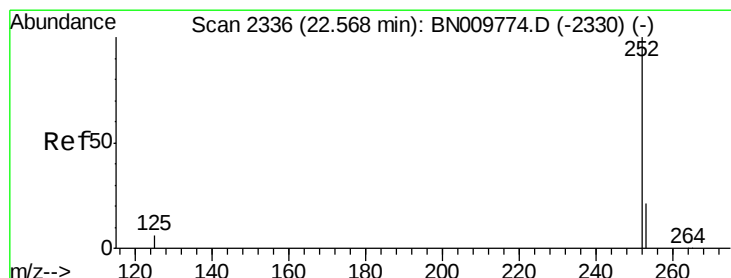
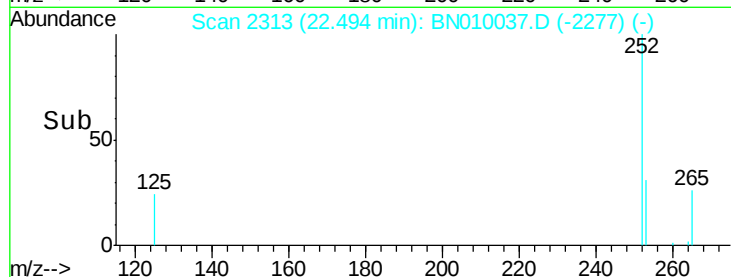
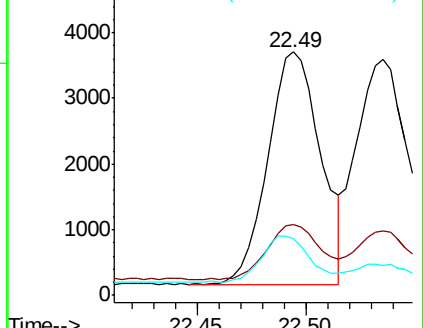
125 23.2 18.6 27.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.365 ng

RT: 22.54 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

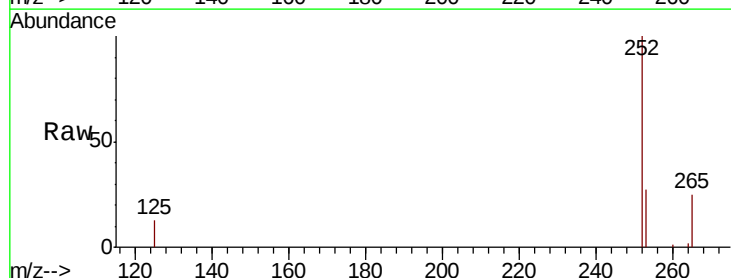
Tgt Ion:252 Resp: 6598

Ion Ratio Lower Upper

252 100

253 27.3 22.0 33.0

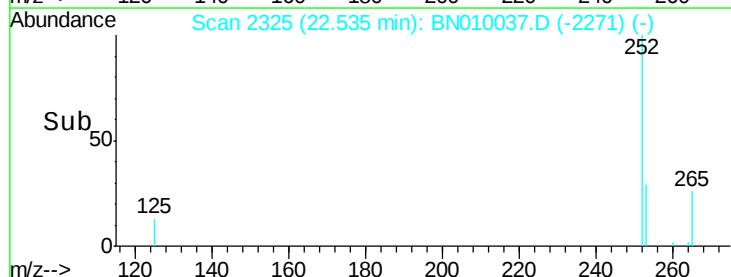
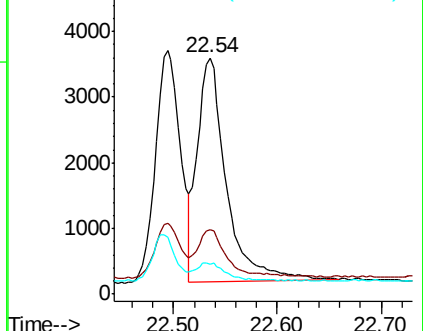
125 12.8 11.1 16.7

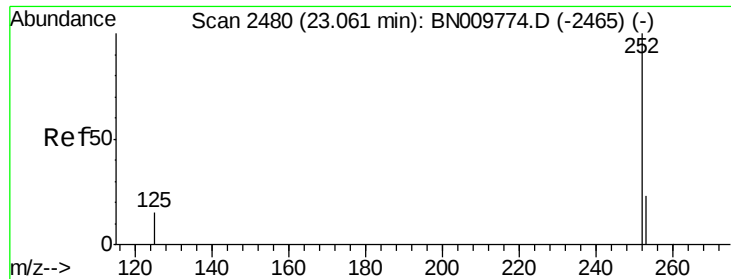


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.384 ng

RT: 23.02 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :

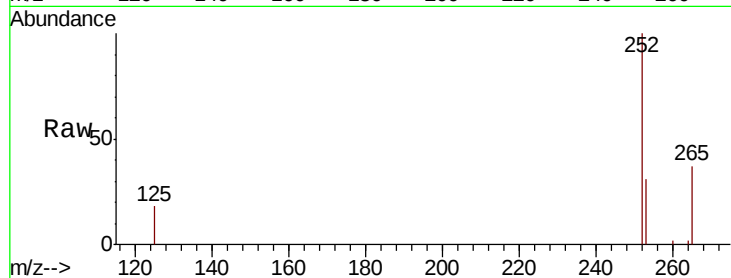
Tot Ion:252 Resp: 5807

Ion Ratio Lower Upper

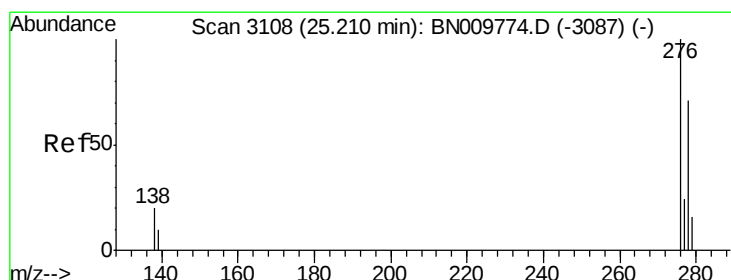
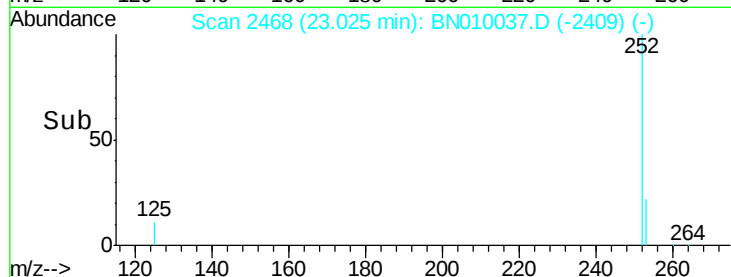
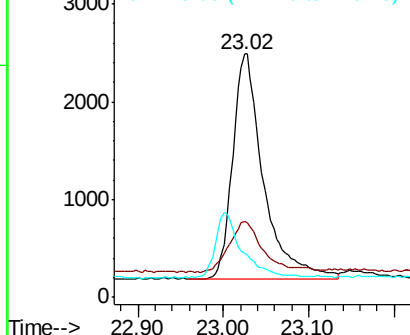
252 100

253 31.2 24.6 36.8

125 18.0 14.3 21.5



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: 0.343 ng

RT: 25.16 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

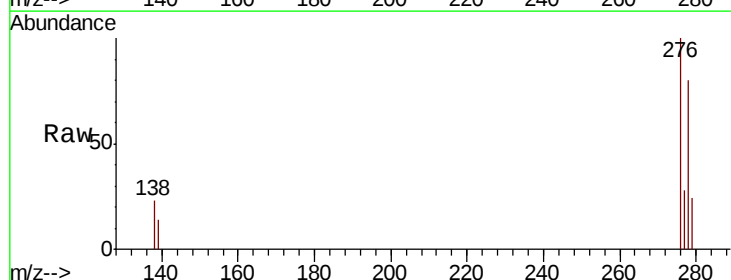
Tgt Ion:278 Resp: 5111

Ion Ratio Lower Upper

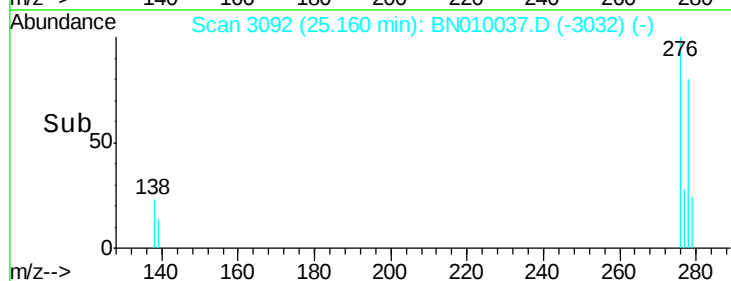
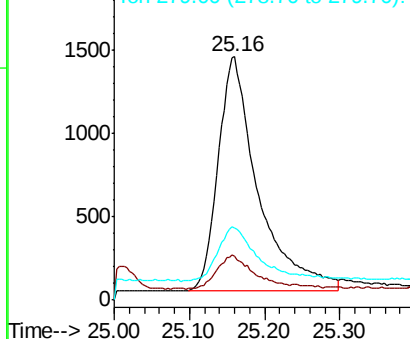
278 100

139 18.1 14.4 21.6

279 29.8 24.4 36.6



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: 0.364 ng

RT: 25.77 min Scan# 3270

Delta R.T. 0.00 min

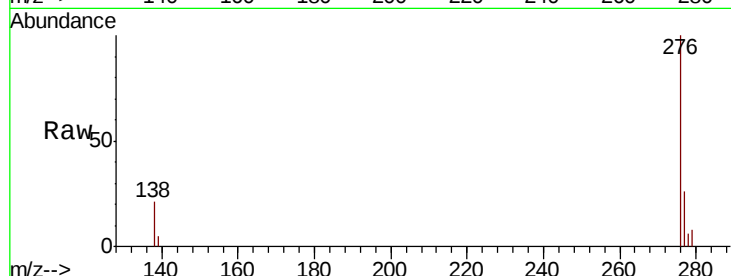
Lab File: BN010037.D

Acq: 02 Mar 2020 13:03

Instrument :

BNA_N

ClientSampleId :



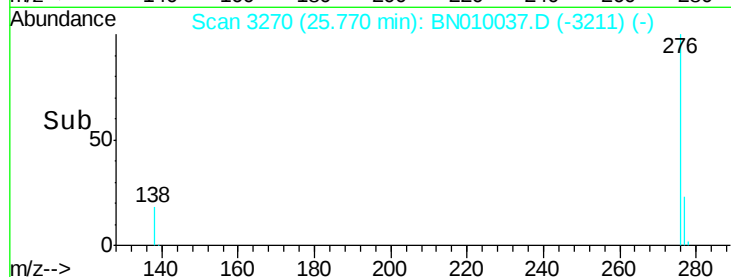
Tot Ion: 276 Resp: 5781

Ion Ratio Lower Upper

276 100

277 26.4 21.4 32.0

138 21.2 17.0 25.4



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

