

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
 Data File : BN010040.D
 Acq On : 02 Mar 2020 14:52
 Operator : CG/JU
 Sample : L1613-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 15:34:18 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	7.39	152	1021	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3453	0.40	ng	-0.01
13) Acenaphthene-d10	14.01	164	2189	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	4467	0.40	ng	-0.01
27) Chrysene-d12	20.99	240	4140	0.40	ng	-0.02
34) Perylene-d12	23.09	264	4594	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	778	0.34	ng	0.00
5) Phenol-d6	6.61	99	1033	0.37	ng	-0.02
8) Nitrobenzene-d5	8.57	82	1057	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1952	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	308	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	3174	0.38	ng	-0.01
25) Fluoranthene-d10	18.81	212	3905	0.25	ng	-0.01
29) Terphenyl-d14	19.43	244	3515	0.36	ng	0.00

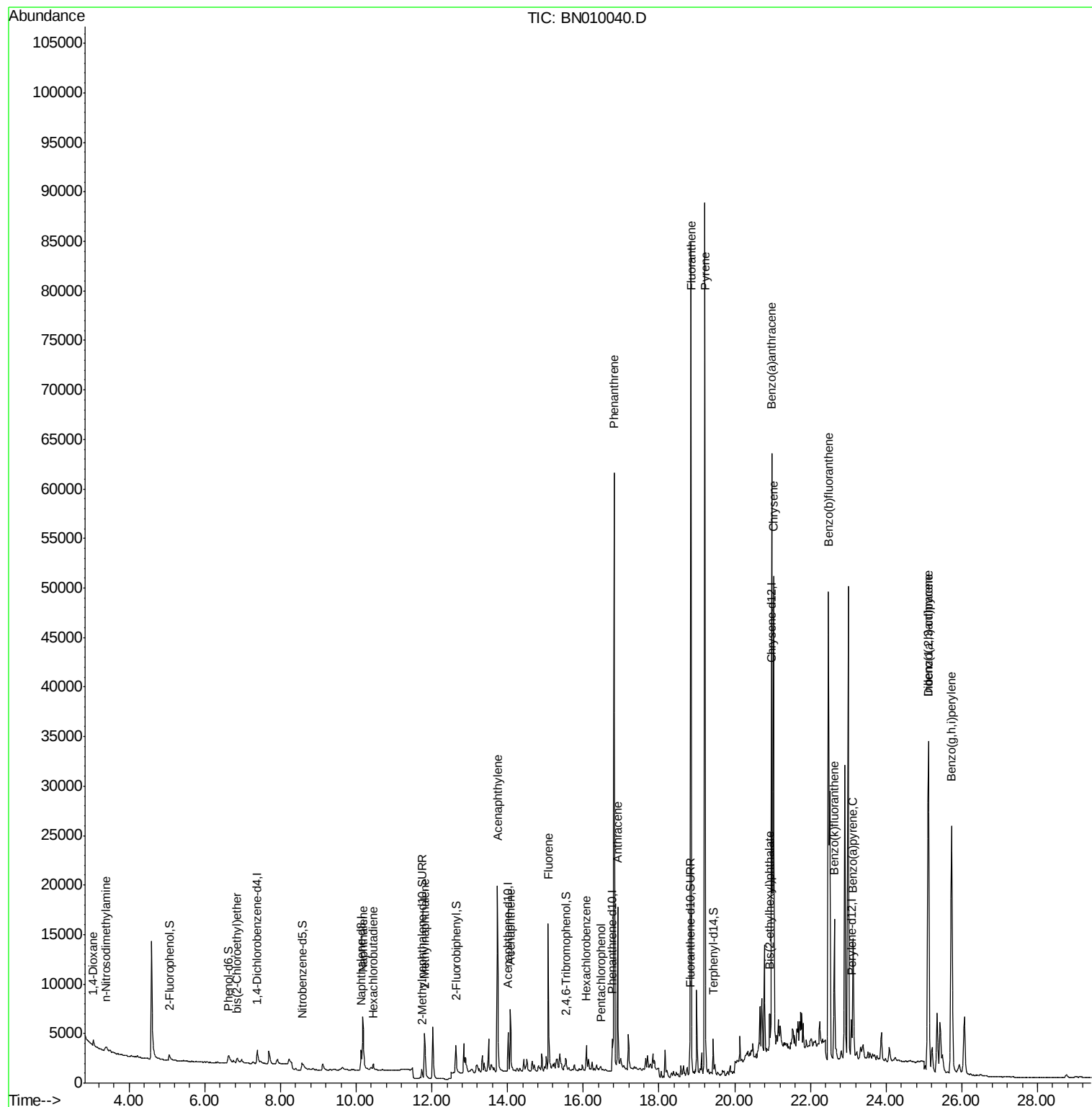
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	277	0.265	ng	# 69
3) n-Nitrosodimethylamine	3.39	42	605	0.352	ng	# 88
6) bis(2-Chloroethyl)ether	6.86	93	739	0.275	ng	94
9) Naphthalene	10.18	128	9420	1.000	ng	95
10) Hexachlorobutadiene	10.46	225	521	0.251	ng	# 97
12) 2-Methylnaphthalene	11.81	142	4701	0.728	ng	98
16) Acenaphthylene	13.73	152	22975	2.462	ng	100
17) Acenaphthene	14.08	154	3350	0.511	ng	100
18) Fluorene	15.08	166	9183	1.061	ng	97
20) 4-Bromophenyl-phenylether	16.01	248	189	Below Cal		# 74
21) Hexachlorobenzene	16.09	284	765	0.275	ng	99
22) Pentachlorophenol	16.46	266	139	0.328	ng	92
23) Phenanthrene	16.81	178	61704	4.641	ng	100
24) Anthracene	16.91	178	19662	1.750	ng	99
26) Fluoranthene	18.85	202	74905	4.706	ng	99
28) Pyrene	19.21	202	77127	4.906	ng	98
30) Benzo(a)anthracene	20.97	228	47475	3.456	ng	95
31) Chrysene	21.03	228	43306	2.725	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	3313	0.494	ng	97
33) Indeno(1,2,3-cd)pyrene	25.12	276	46108	2.786	ng	97
35) Benzo(b)fluoranthene	22.48	252	71099	4.233	ng	# 82
36) Benzo(k)fluoranthene	22.63	252	18151	0.993	ng	98
37) Benzo(a)pyrene	23.13	252	15088	0.985	ng	95
38) Dibenzo(a,h)anthracene	25.12	278	15983	1.059	ng	97
39) Benzo(g,h,i)perylene	25.73	276	48597	3.023	ng	96

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

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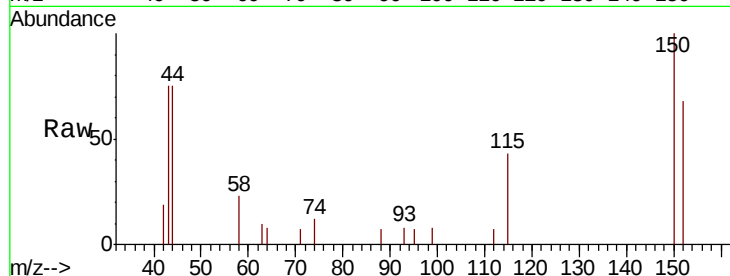


#1

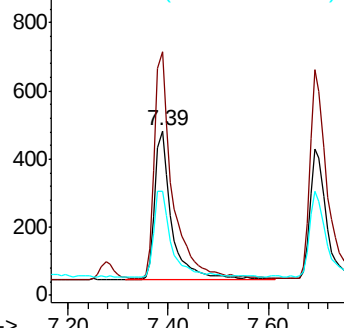
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. 0.00 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

Instrument :
BNA_N
ClientSampleId :

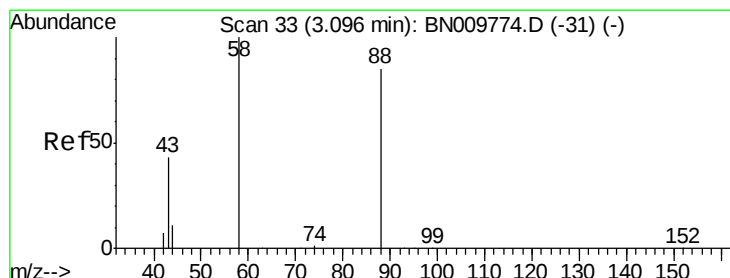
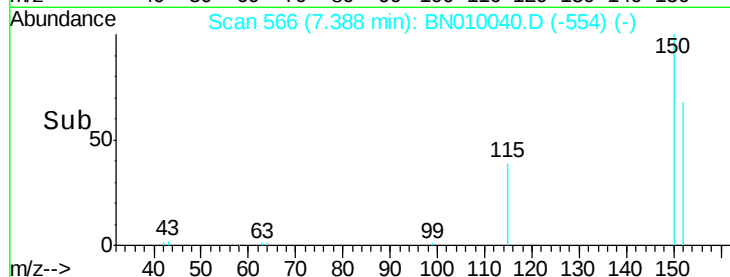
Tot Ion:152 Resp: 1021
Ion Ratio Lower Upper
152 100
150 148.1 118.6 177.8
115 63.3 51.8 77.6



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



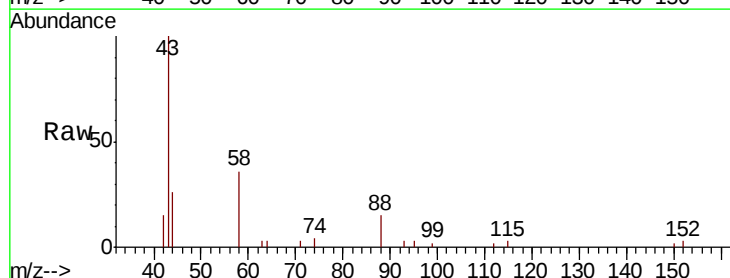
Time-->



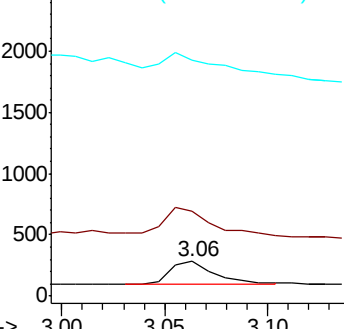
#2

1,4-Dioxane
Concen: 0.265 ng
RT: 3.06 min Scan# 29
Delta R.T. 0.00 min
Lab File: BN010040.D
Acq: 02 Mar 2020 14:52

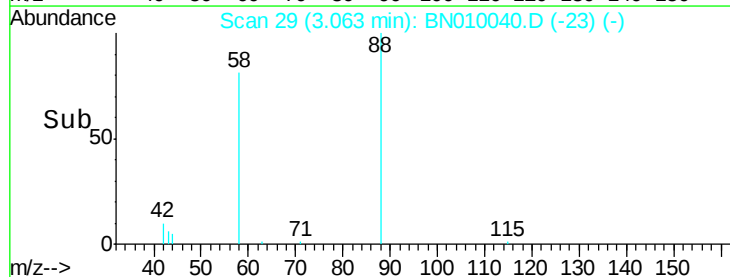
Tgt Ion: 88 Resp: 277
Ion Ratio Lower Upper
88 100
58 122.0 86.2 129.4
43 106.1 47.4 71.0#



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



Time-->



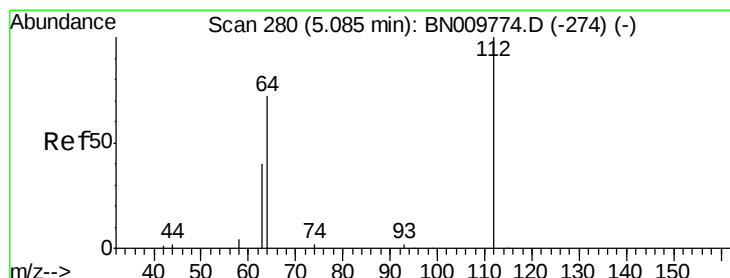
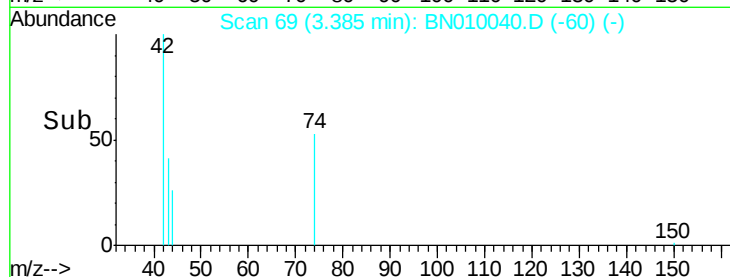
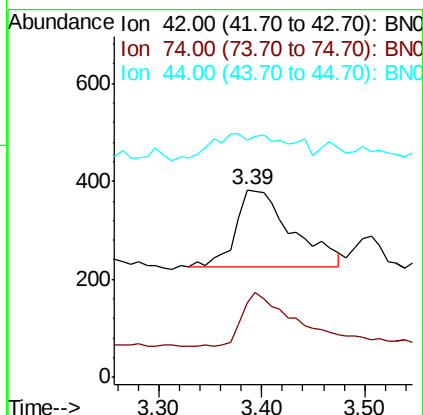
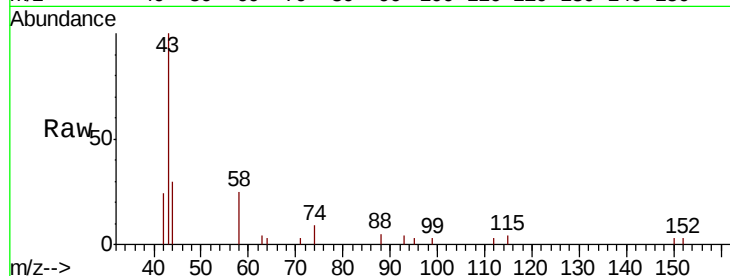


#3

n-Nitrosodimethylamine
 Concen: 0.352 ng
 RT: 3.39 min Scan# 69
 Delta R.T. -0.02 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

Instrument :
 BNA_N
 ClientSampleId :

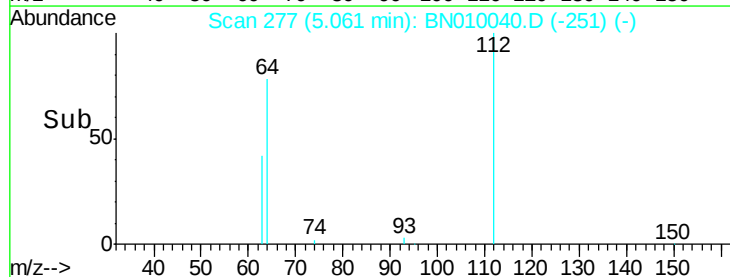
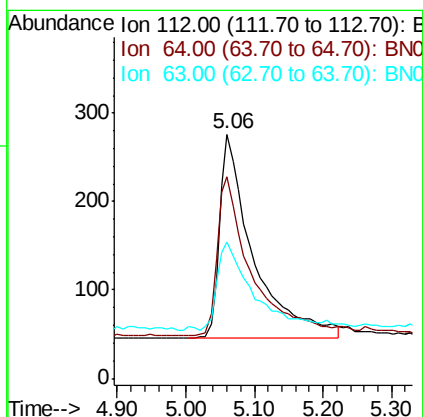
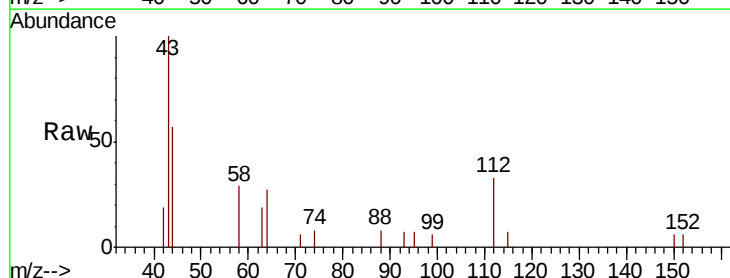
Tot Ion: 42 Resp: 605
 Ion Ratio Lower Upper
 42 100
 74 64.1 58.9 88.3
 44 0.0 4.6 7.0#



#4

2-Fluorophenol
 Concen: 0.343 ng
 RT: 5.06 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

Tgt Ion: 112 Resp: 778
 Ion Ratio Lower Upper
 112 100
 64 80.1 62.5 93.7
 63 45.9 35.4 53.0





#5

Phenol-d6

Concen: 0.374 ng

RT: 6.61 min Scan# 470

Delta R.T. -0.02 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampled :

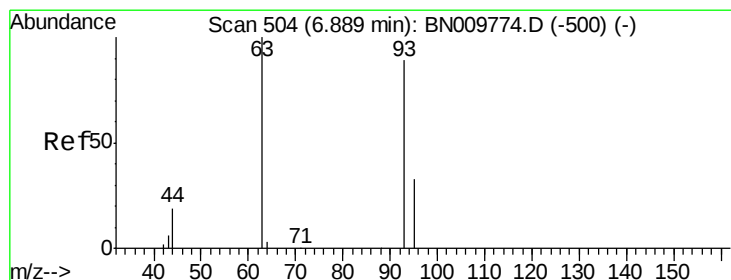
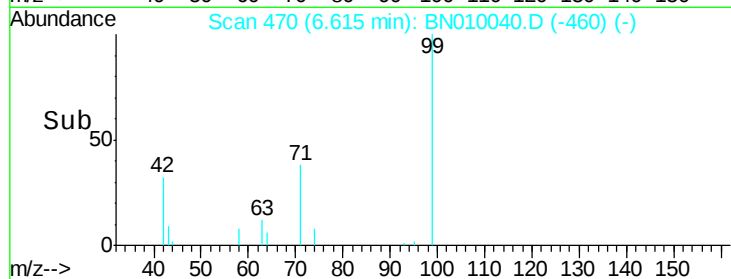
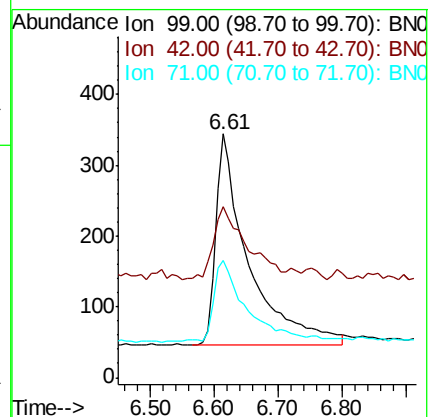
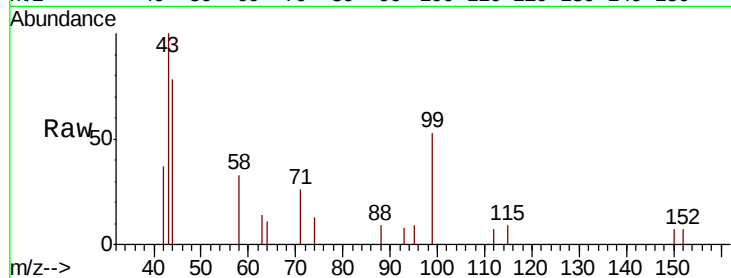
Tot Ion: 99 Resp: 1033

Ion Ratio Lower Upper

99 100

42 35.7 25.9 38.9

71 35.7 35.0 52.6



#6

bis(2-Chloroethyl)ether

Concen: 0.275 ng

RT: 6.86 min Scan# 500

Delta R.T. 0.00 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

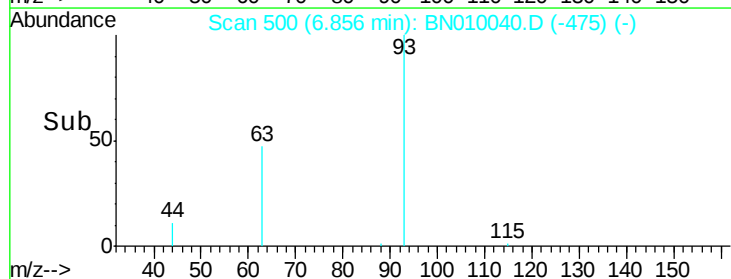
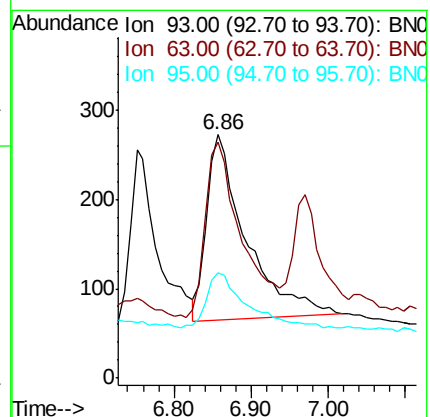
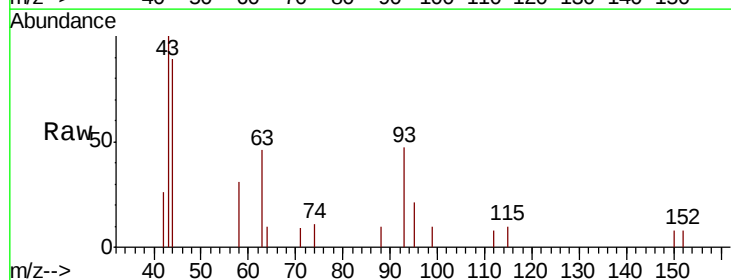
Tgt Ion: 93 Resp: 739

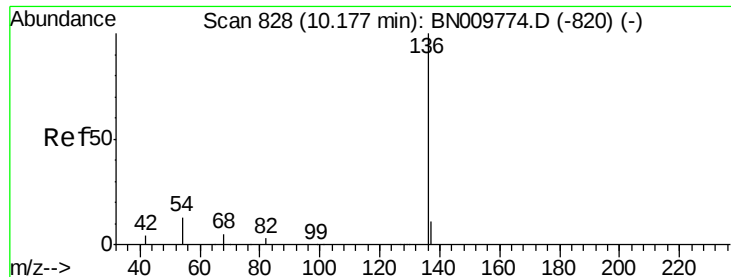
Ion Ratio Lower Upper

93 100

63 85.4 63.2 94.8

95 30.4 25.0 37.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3453

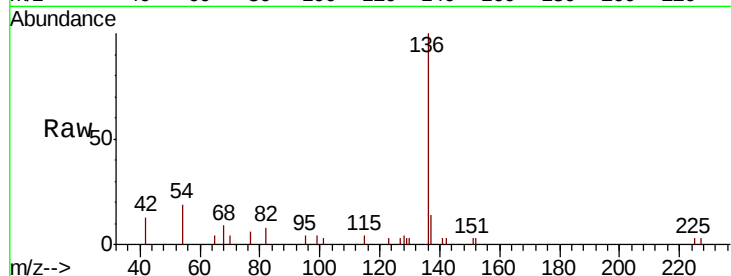
Ion Ratio Lower Upper

136 100

137 13.9 11.3 16.9

54 18.8 13.9 20.9

68 9.5 7.1 10.7

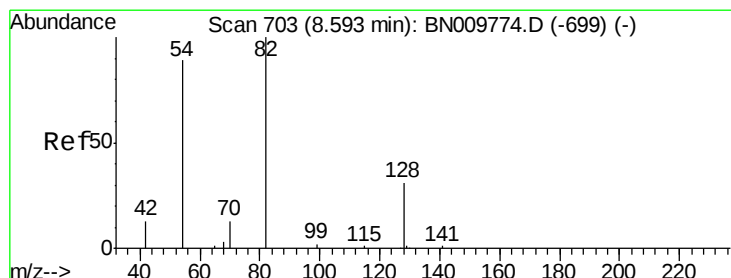
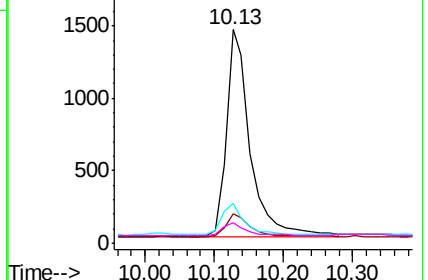
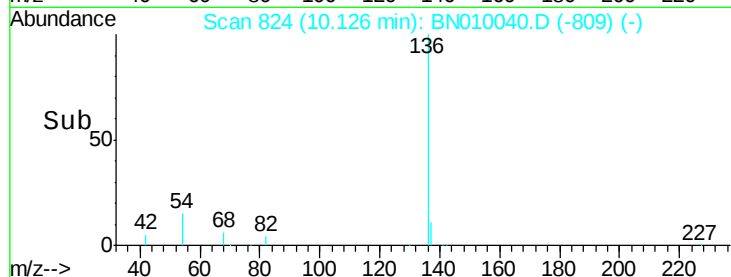


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.57 min Scan# 701

Delta R.T. 0.00 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

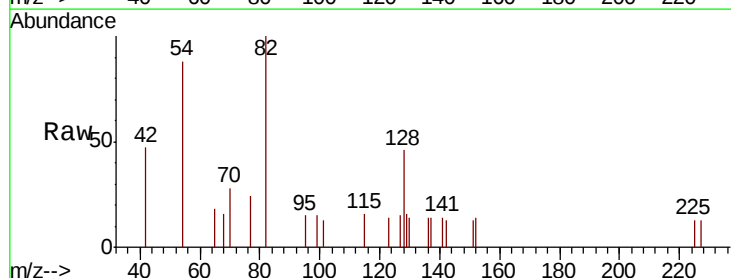
Tgt Ion: 82 Resp: 1057

Ion Ratio Lower Upper

82 100

128 45.6 37.5 56.3

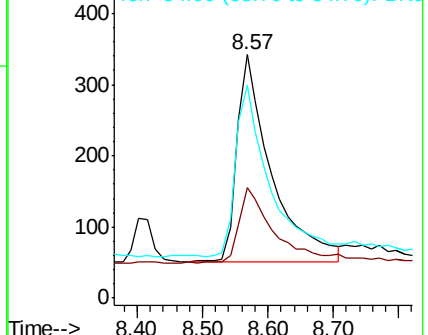
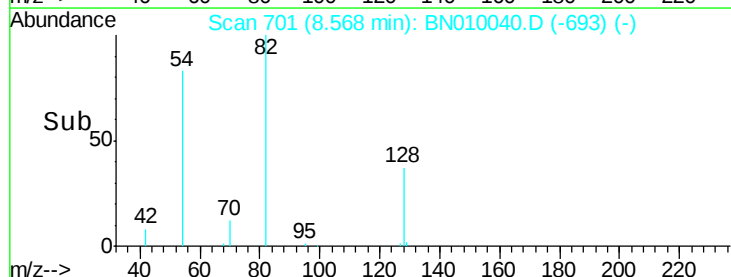
54 87.7 72.4 108.6



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: 1.000 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

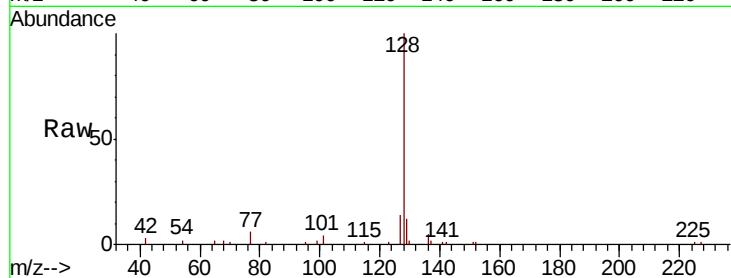
Tot Ion:128 Resp: 9420

Ion Ratio Lower Upper

128 100

129 11.9 11.6 17.4

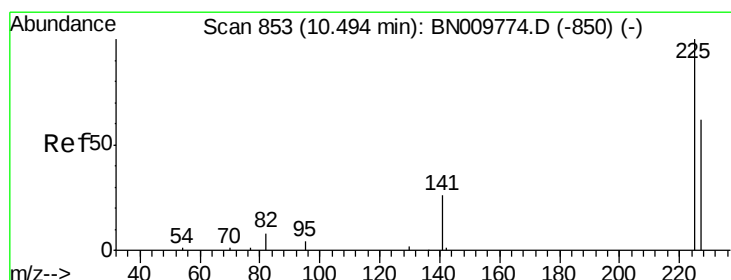
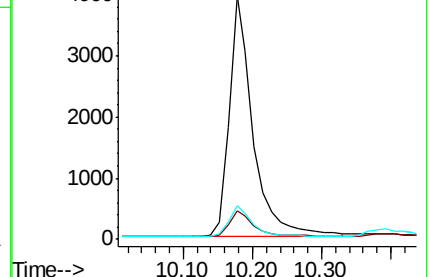
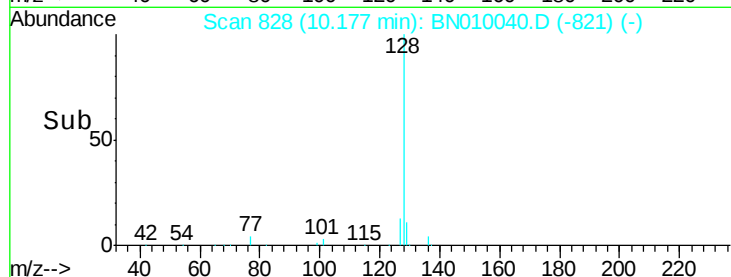
127 14.1 12.6 19.0



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: 0.251 ng

RT: 10.46 min Scan# 850

Delta R.T. 0.00 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

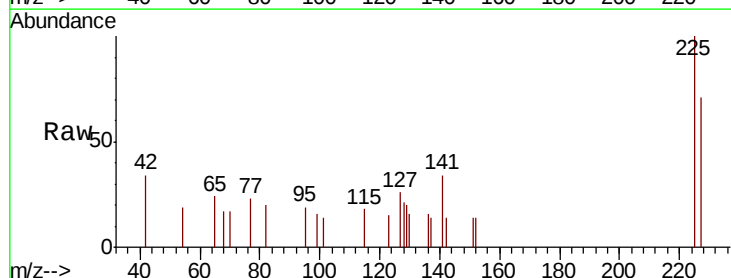
Tgt Ion:225 Resp: 521

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

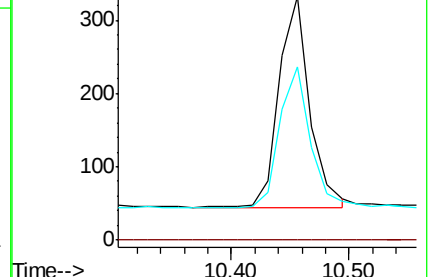
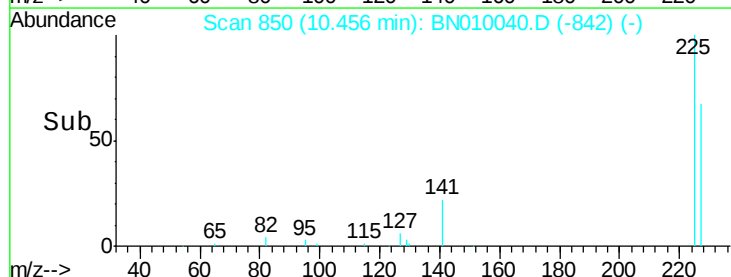
227 66.2 51.1 76.7



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: 0.292 ng

RT: 11.73 min Scan# 984

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

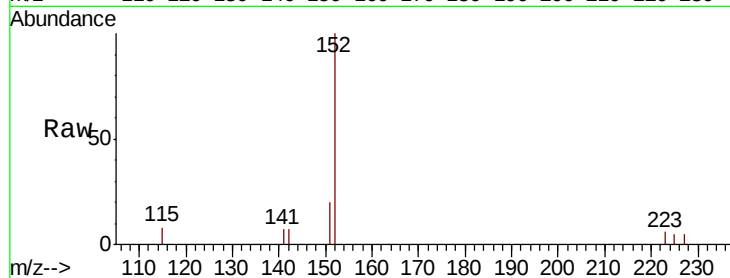
ClientSampleId :

Tot Ion:152 Resp: 1952

Ion Ratio Lower Upper

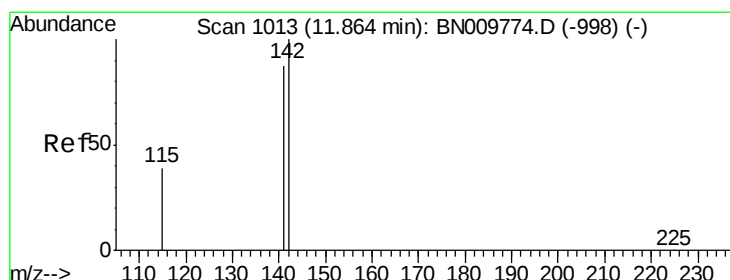
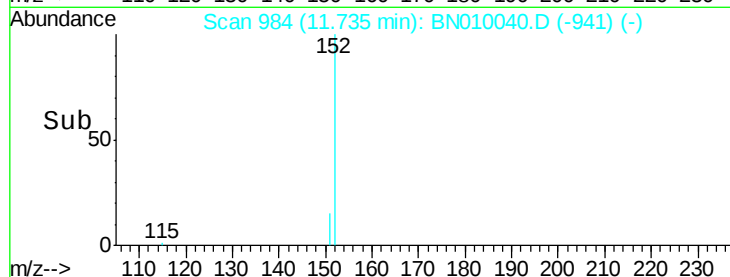
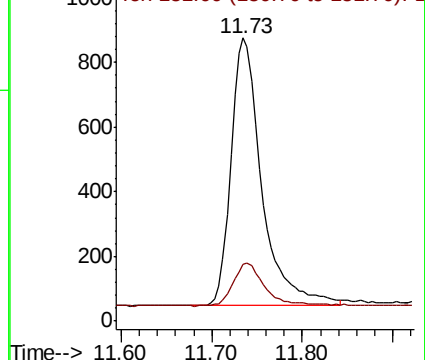
152 100

151 17.0 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: 0.728 ng

RT: 11.81 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

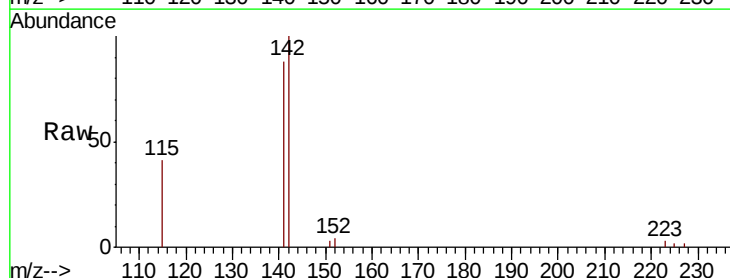
Tgt Ion:142 Resp: 4701

Ion Ratio Lower Upper

142 100

141 88.1 71.5 107.3

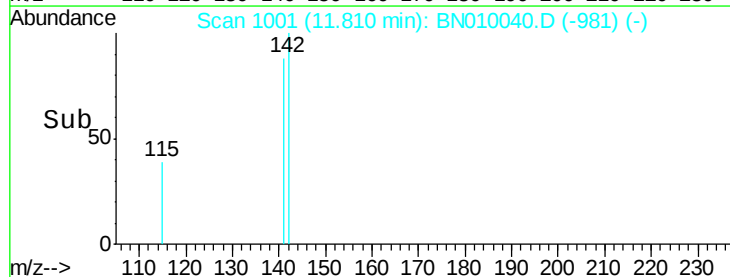
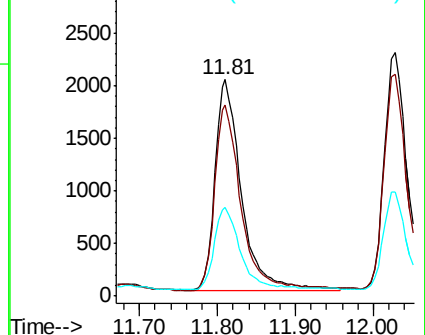
115 41.1 34.8 52.2



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: 14.01 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

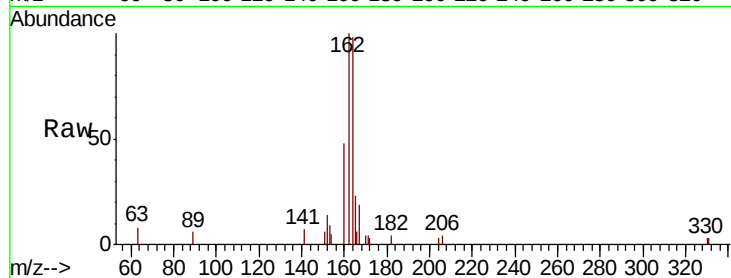
Tot Ion:164 Resp: 2189

Ion Ratio Lower Upper

164 100

162 101.8 81.9 122.9

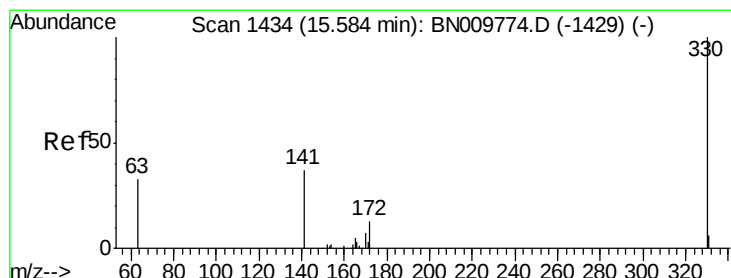
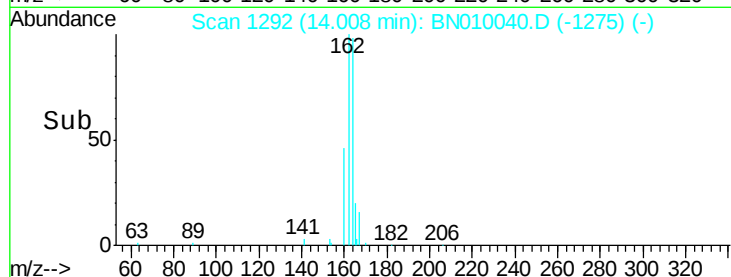
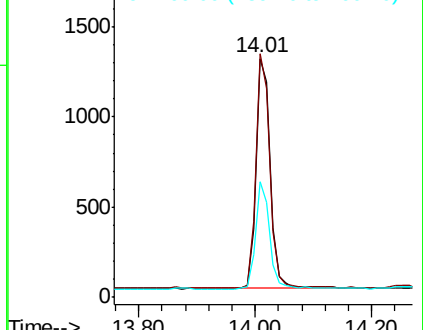
160 48.4 37.6 56.4



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: 0.365 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

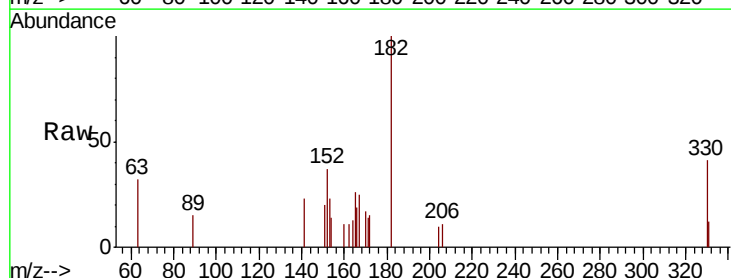
Tgt Ion:330 Resp: 308

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

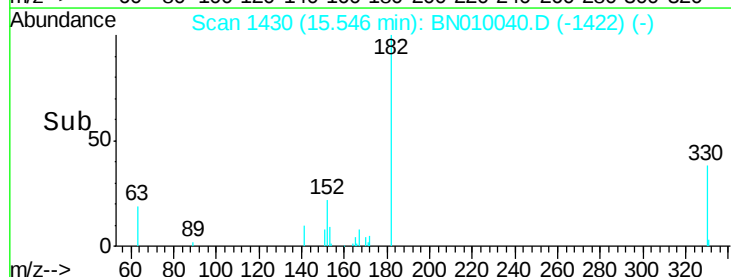
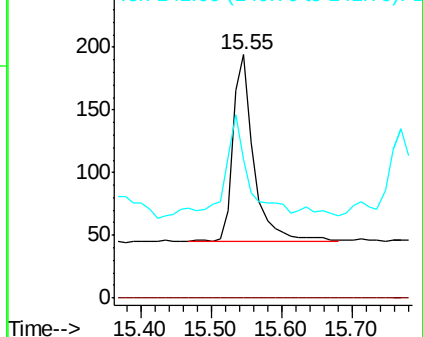
141 49.7 38.2 57.2



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

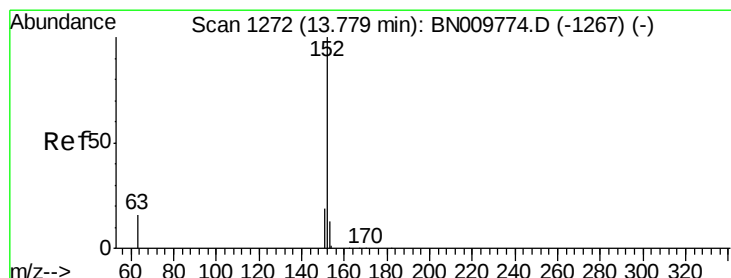
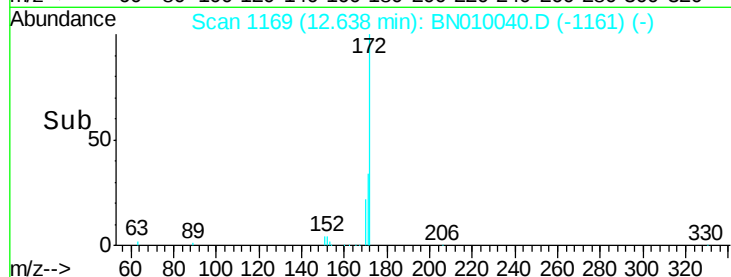
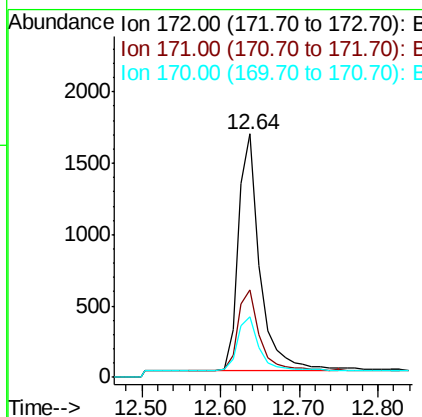
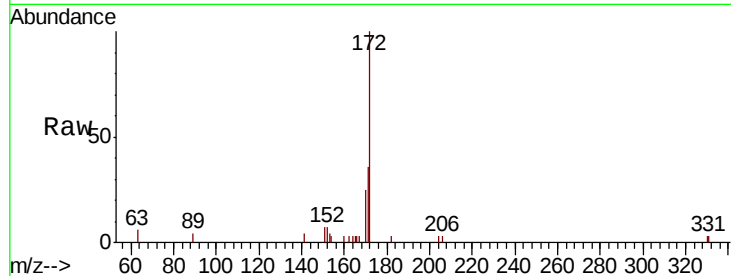




#15
 2-Fluorobiphenyl
 Concen: 0.384 ng
 RT: 12.64 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

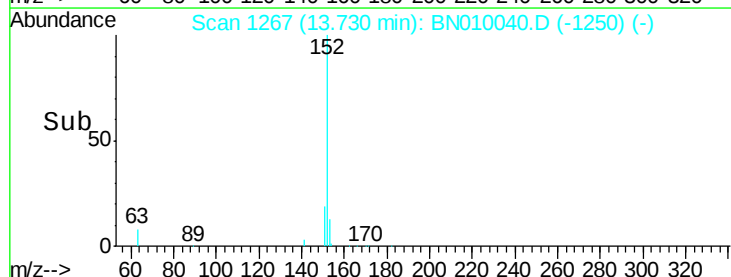
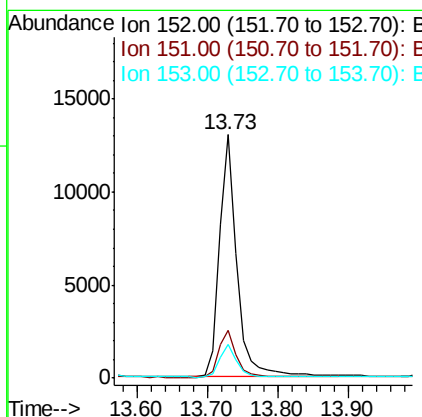
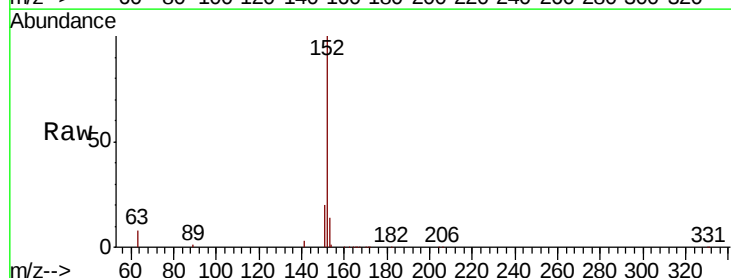
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:172 Resp: 3174
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.8 43.2
 170 24.7 19.4 29.0



#16
 Acenaphthylene
 Concen: 2.462 ng
 RT: 13.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

Tgt Ion:152 Resp: 22975
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.6 23.4
 153 13.4 10.8 16.2





#17

Acenaphthene

Concen: 0.511 ng

RT: 14.08 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

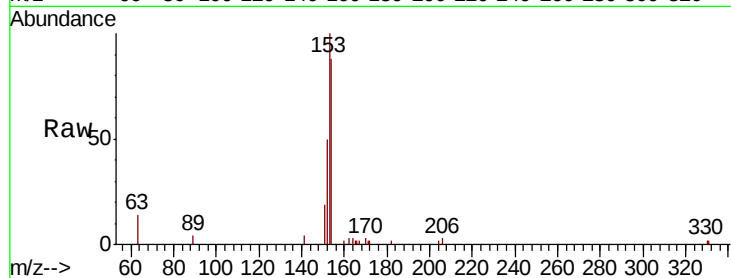
Tot Ion:154 Resp: 3350

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

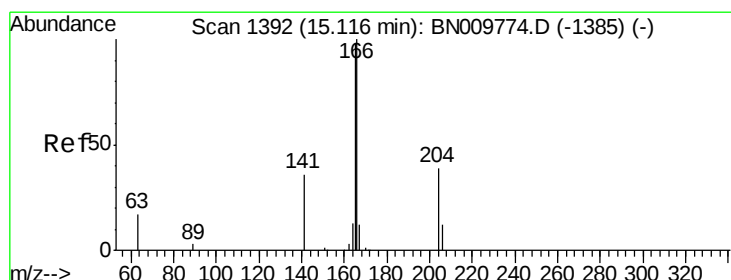
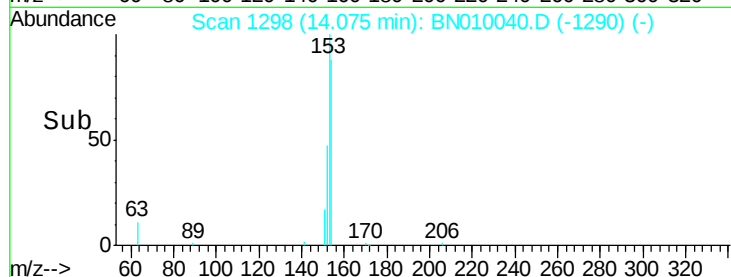
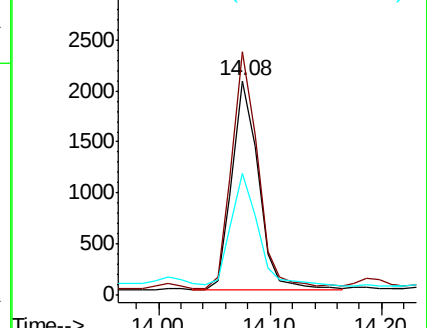
152 55.2 44.2 66.4



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: 1.061 ng

RT: 15.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

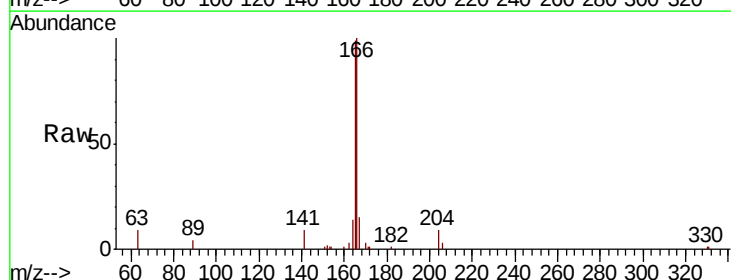
Tgt Ion:166 Resp: 9183

Ion Ratio Lower Upper

166 100

165 99.5 77.1 115.7

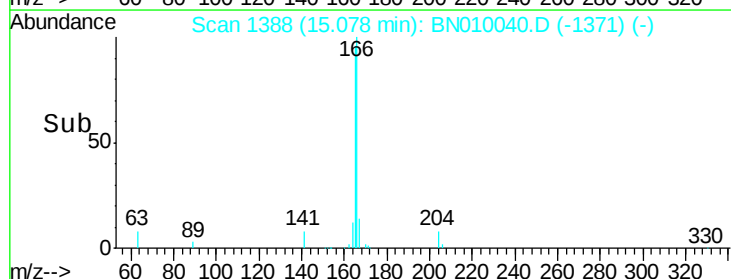
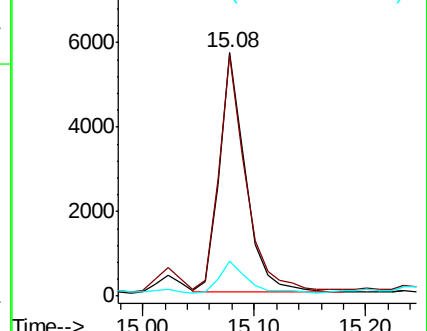
167 14.5 11.3 16.9



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: 16.77 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

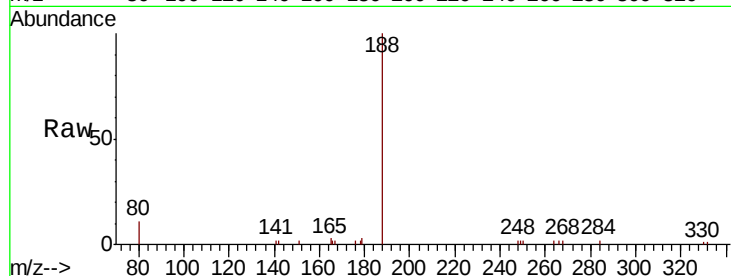
Tot Ion:188 Resp: 4467

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

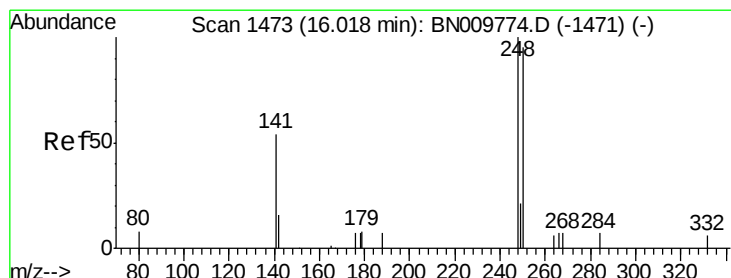
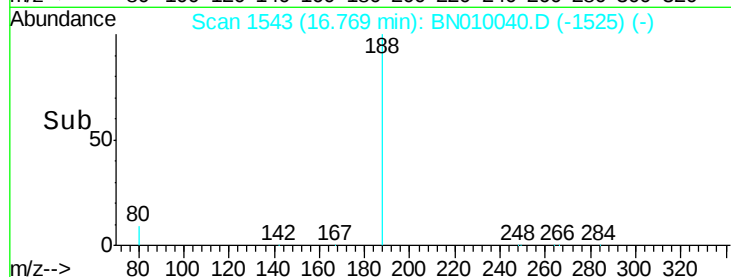
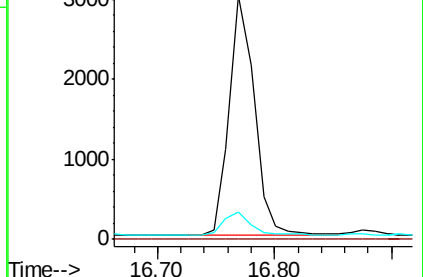
80 11.4 9.4 14.2



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: BN010040.D

Acq: 02 Mar 2020 14:52

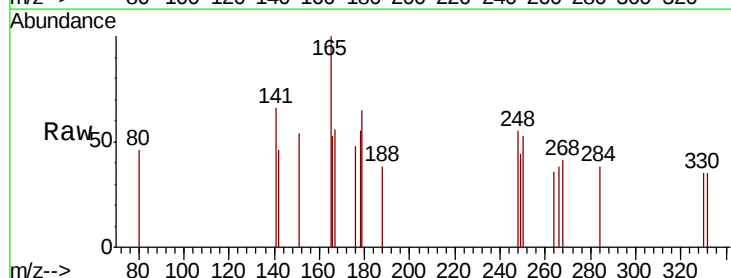
Tgt Ion:248 Resp: 189

Ion Ratio Lower Upper

248 100

250 95.8 94.2 141.2

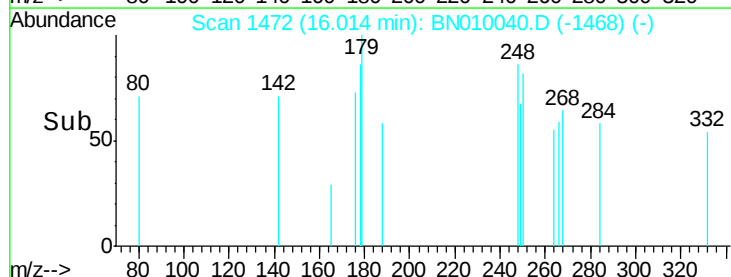
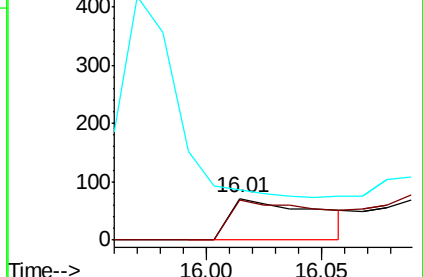
141 119.7 70.0 105.0#

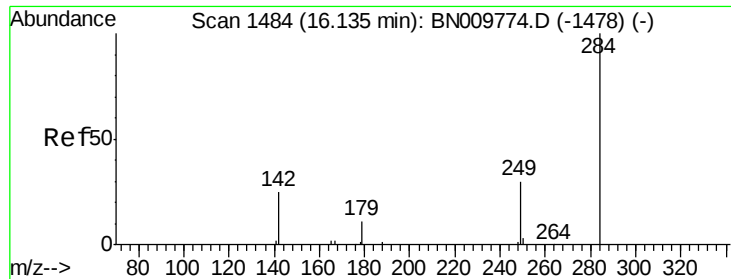


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.275 ng

RT: 16.09 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

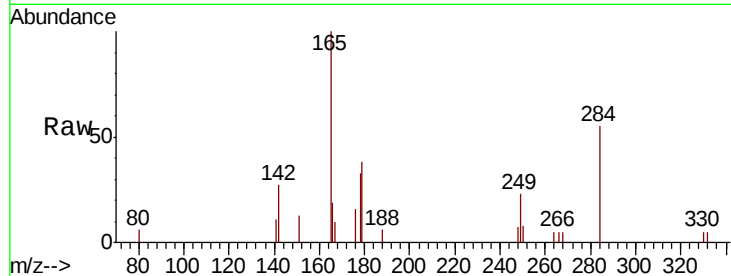
Tot Ion:284 Resp: 765

Ion Ratio Lower Upper

284 100

142 42.2 33.3 49.9

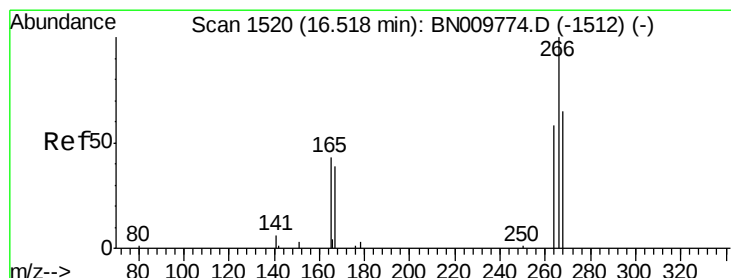
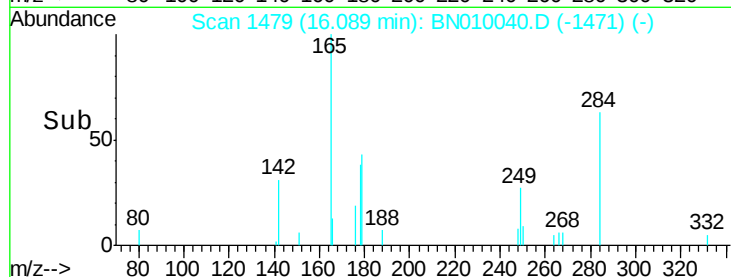
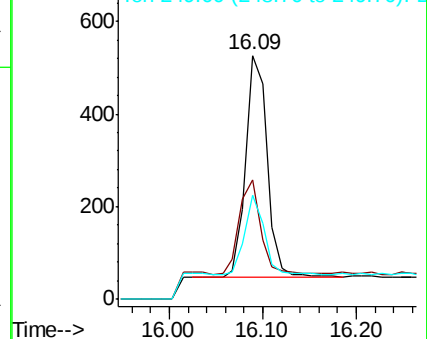
249 32.7 26.0 39.0



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: 0.328 ng

RT: 16.46 min Scan# 1514

Delta R.T. -0.02 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

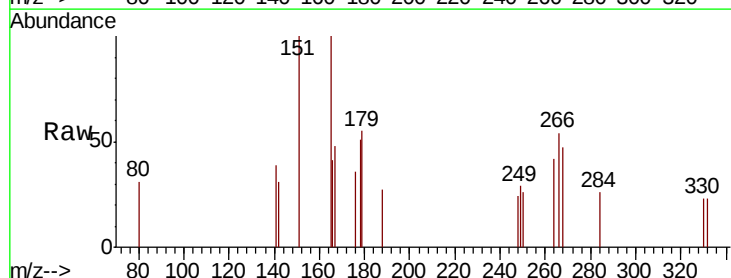
Tgt Ion:266 Resp: 139

Ion Ratio Lower Upper

266 100

264 77.9 57.4 86.0

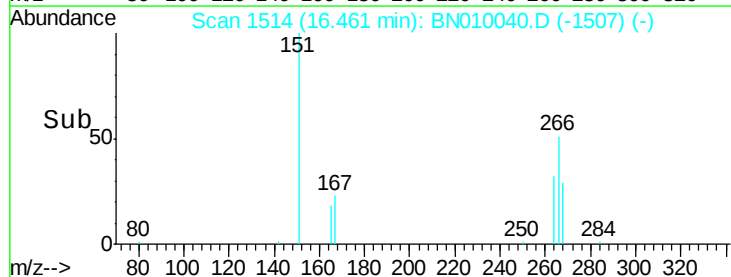
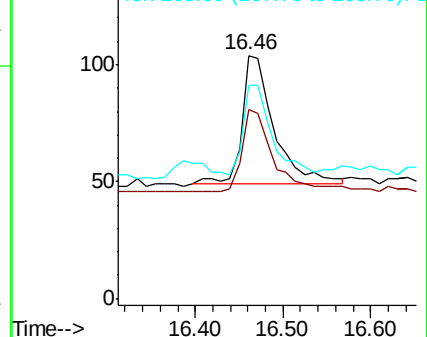
268 87.5 63.8 95.6

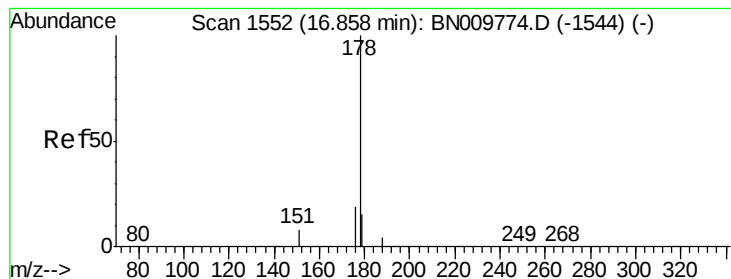


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 4.641 ng

RT: 16.81 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

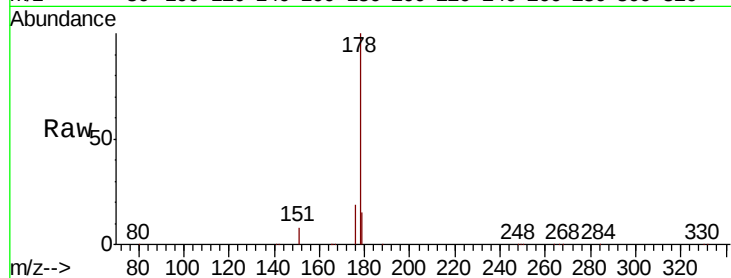
Tot Ion:178 Resp: 61704

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

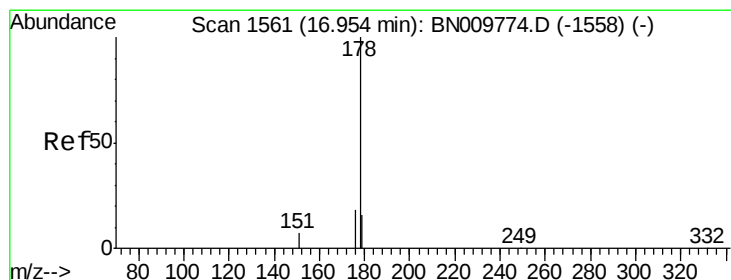
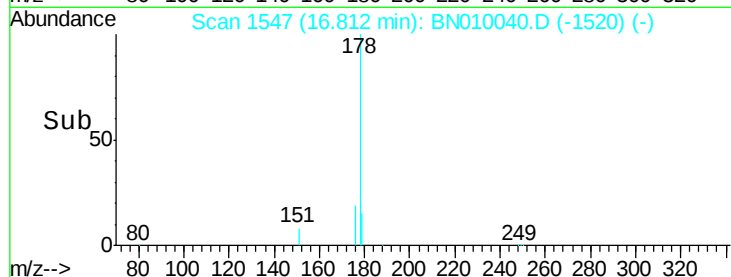
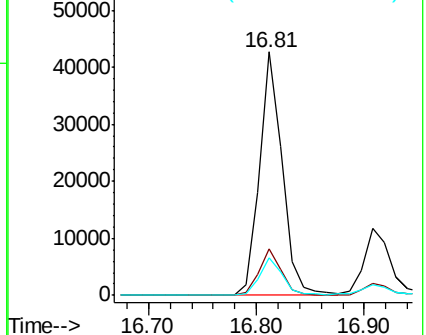
179 15.3 12.2 18.4



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: 1.750 ng

RT: 16.91 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

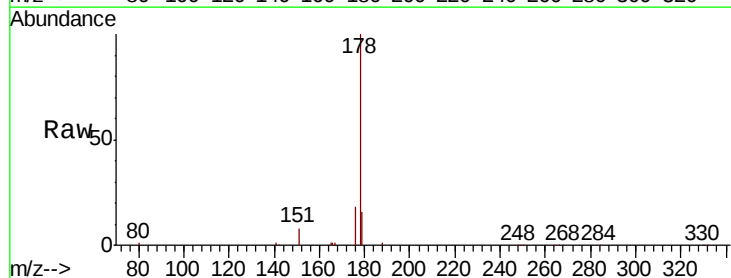
Tgt Ion:178 Resp: 19662

Ion Ratio Lower Upper

178 100

176 17.5 14.2 21.2

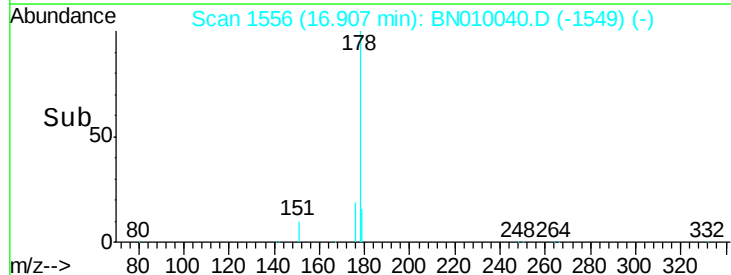
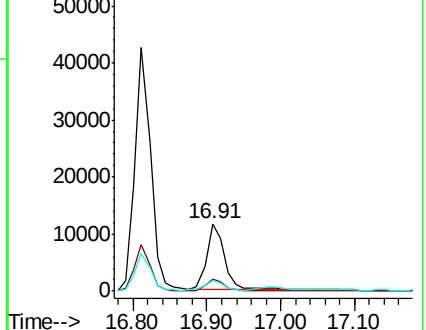
179 15.1 11.8 17.8

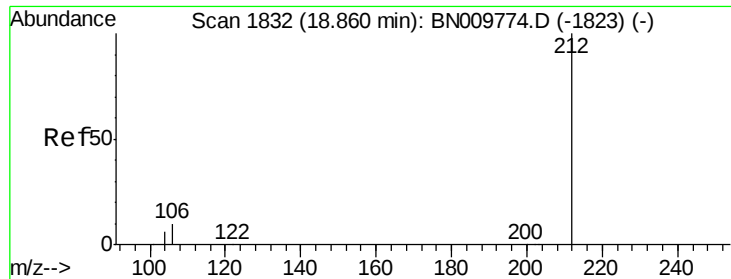


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.253 ng

RT: 18.81 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

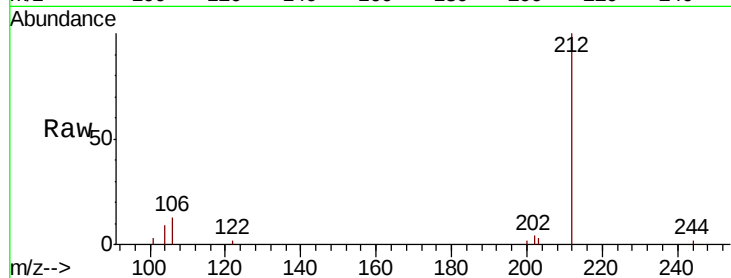
Tot Ion:212 Resp: 3905

Ion Ratio Lower Upper

212 100

106 11.2 8.2 12.4

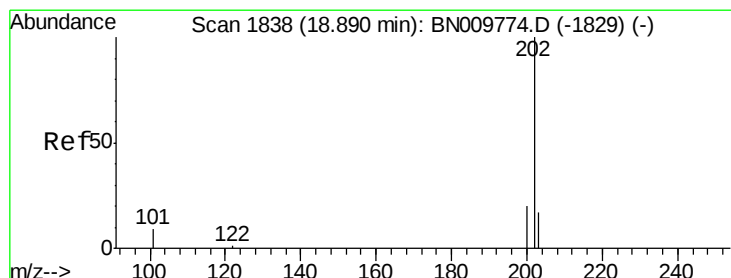
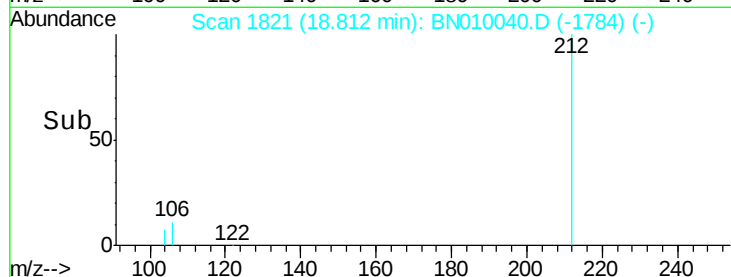
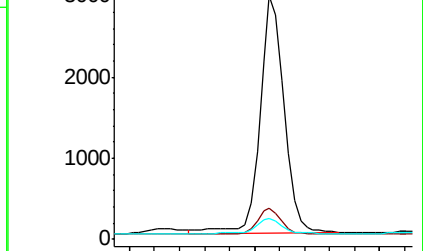
104 8.0 5.0 7.6#



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: 4.706 ng

RT: 18.85 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

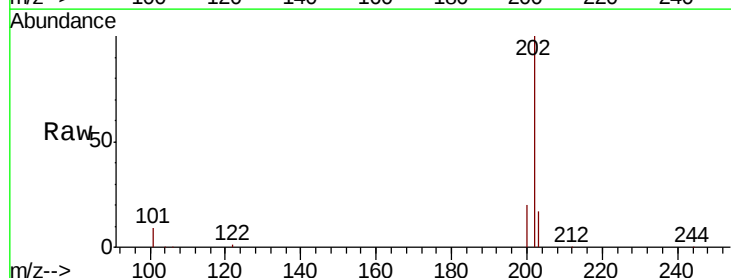
Tgt Ion:202 Resp: 74905

Ion Ratio Lower Upper

202 100

101 9.2 7.0 10.6

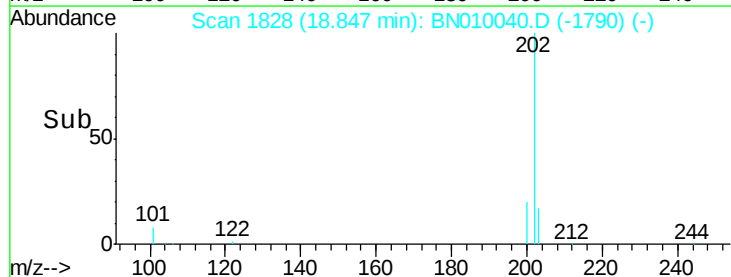
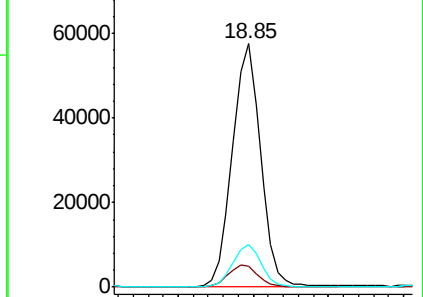
203 17.3 13.4 20.2



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

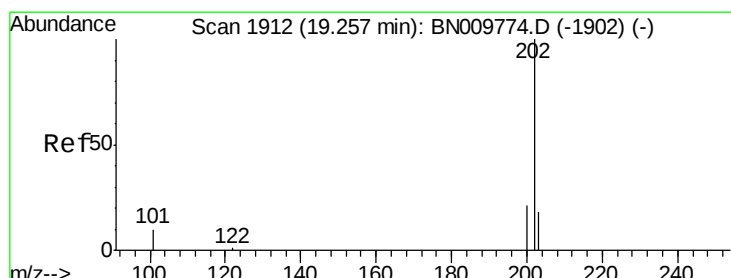
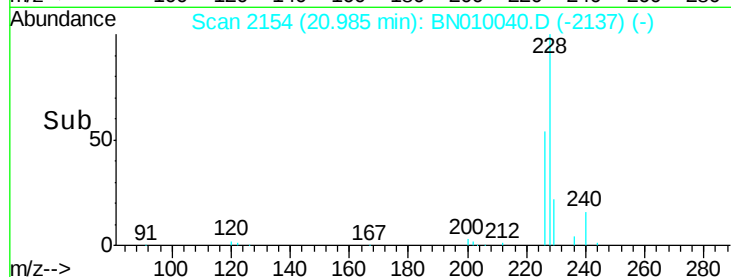
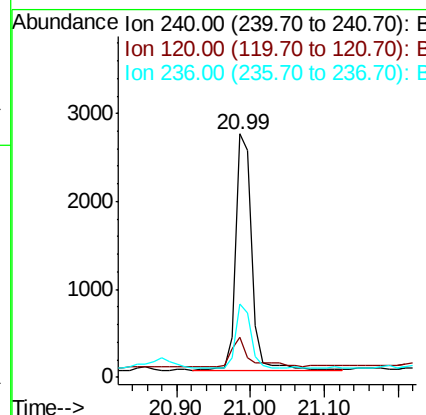
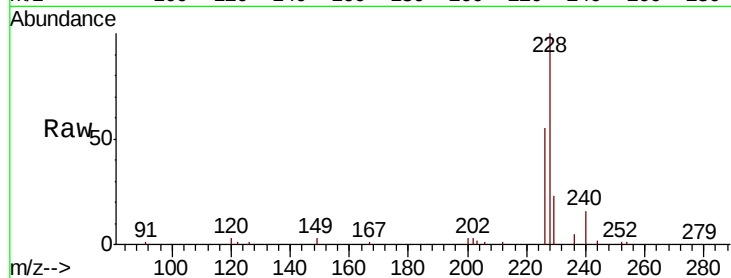




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.99 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

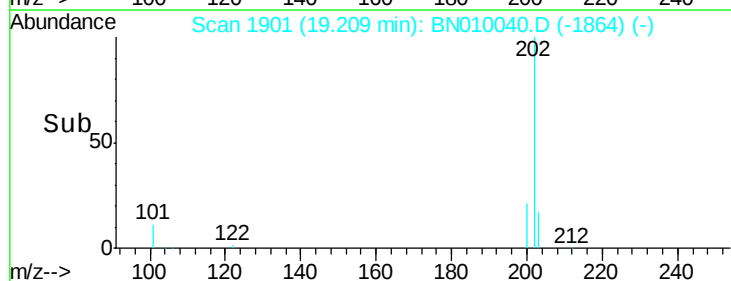
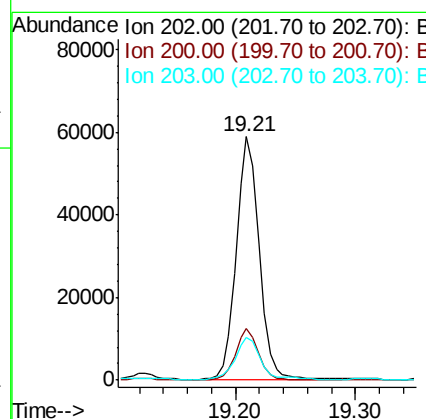
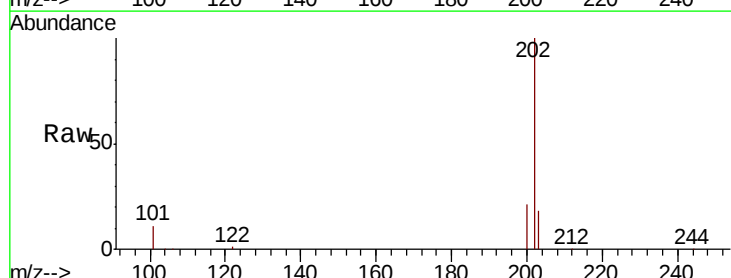
Instrument :
 BNA_N
 ClientSampleId :

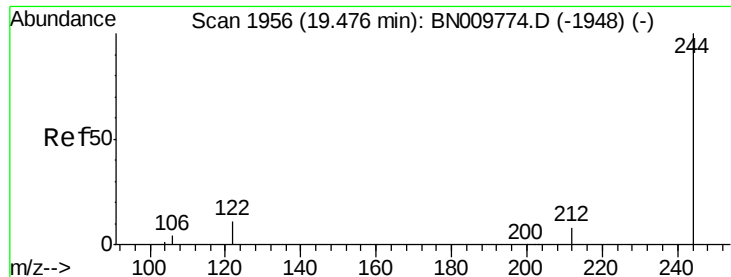
Tot Ion:240 Resp: 4140
 Ion Ratio Lower Upper
 240 100
 120 16.5 8.5 12.7#
 236 30.0 22.5 33.7



#28
 Pyrene
 Concen: 4.906 ng
 RT: 19.21 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

Tgt Ion:202 Resp: 77127
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.2 24.2
 203 19.1 14.0 21.0





#29

Terphenyl-d14

Concen: 0.355 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

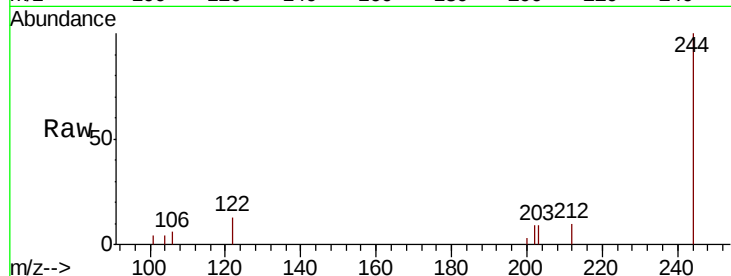
Tot Ion:244 Resp: 3515

Ion Ratio Lower Upper

244 100

212 9.8 8.0 12.0

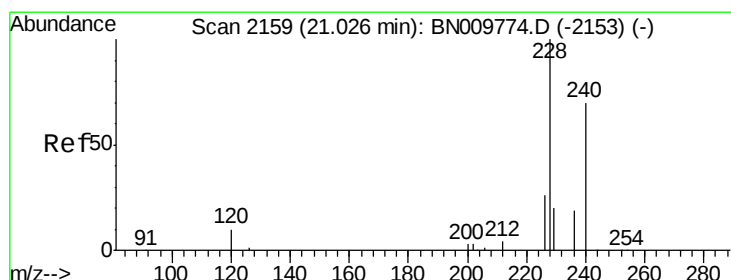
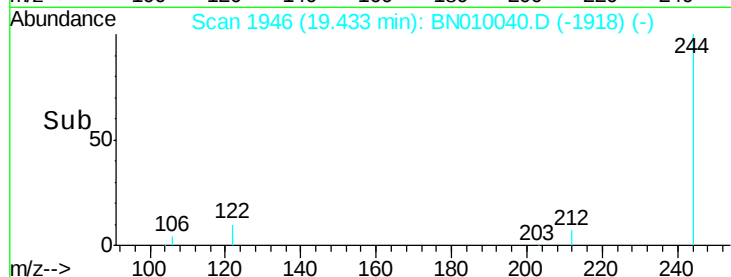
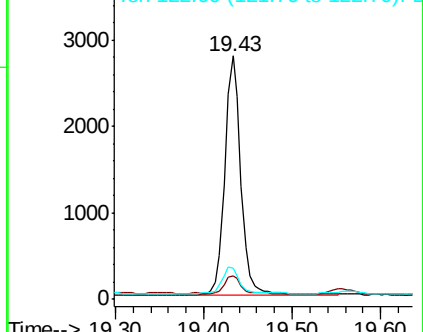
122 12.7 9.9 14.9



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: 3.456 ng

RT: 20.97 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

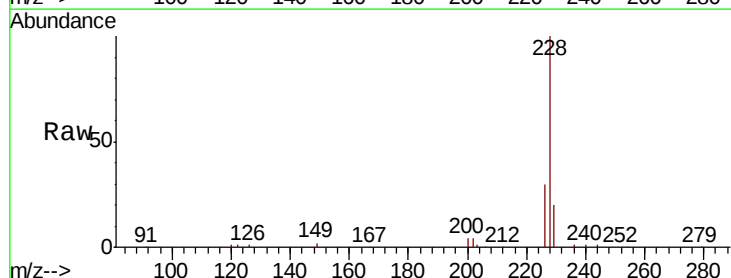
Tgt Ion:228 Resp: 47475

Ion Ratio Lower Upper

228 100

226 30.3 21.6 32.4

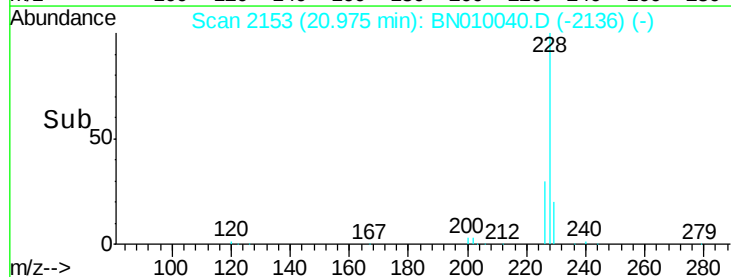
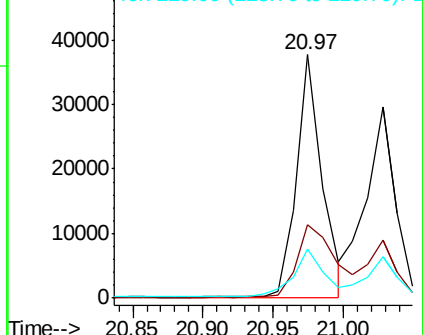
229 20.3 17.1 25.7

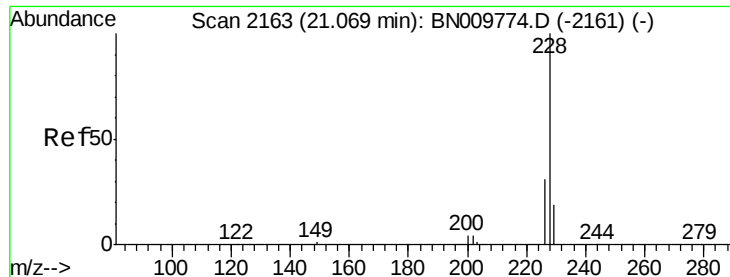


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.725 ng

RT: 21.03 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

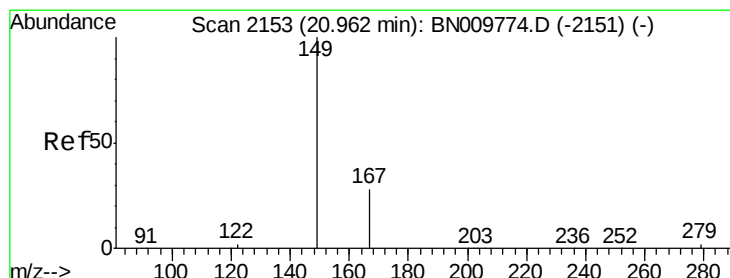
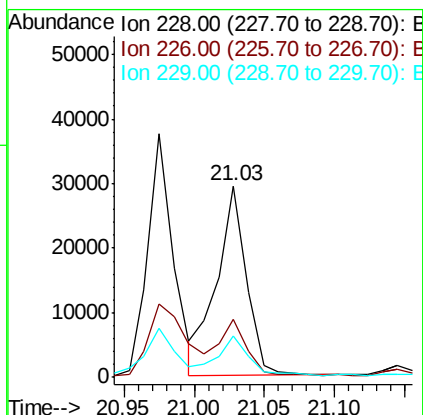
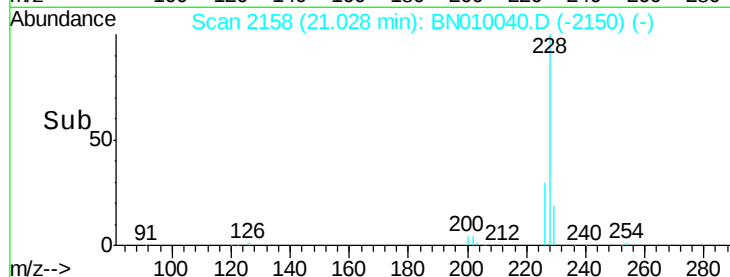
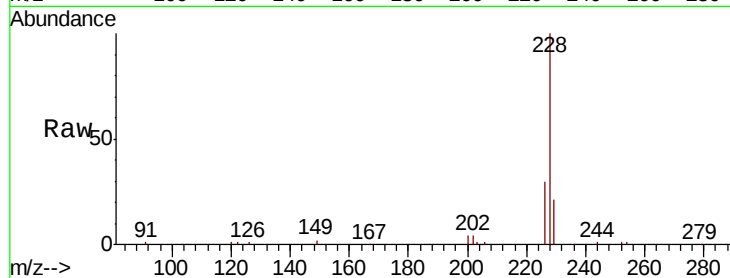
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 43306

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	21.4	16.5	24.7



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.494 ng

RT: 20.92 min Scan# 2148

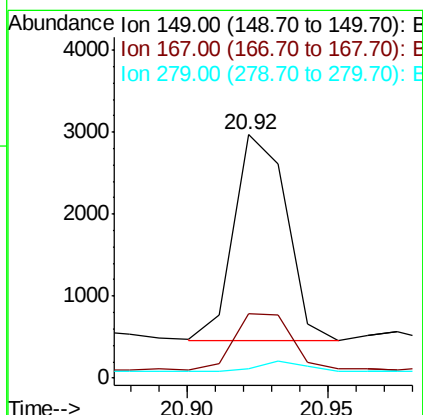
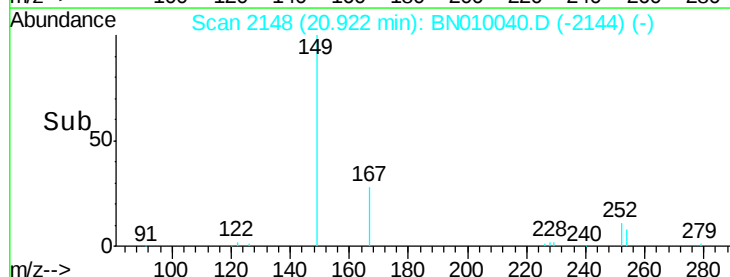
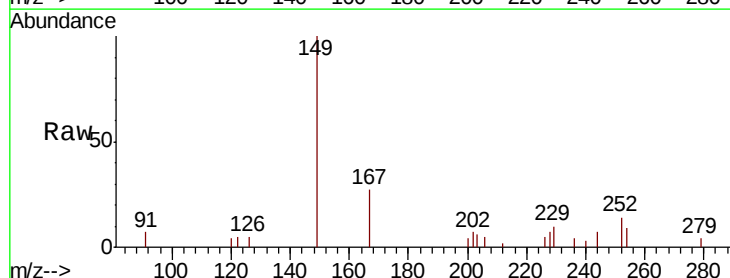
Delta R.T. -0.01 min

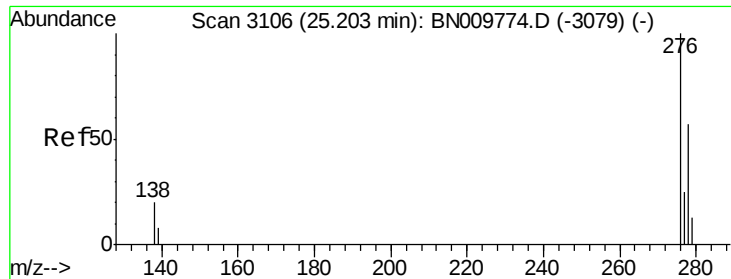
Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Tgt Ion:149 Resp: 3313

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.0	33.0
279	4.8	3.2	4.8

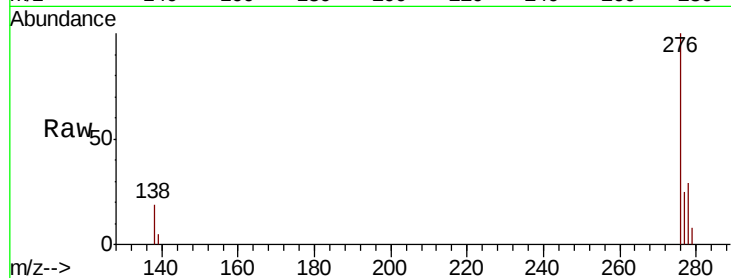




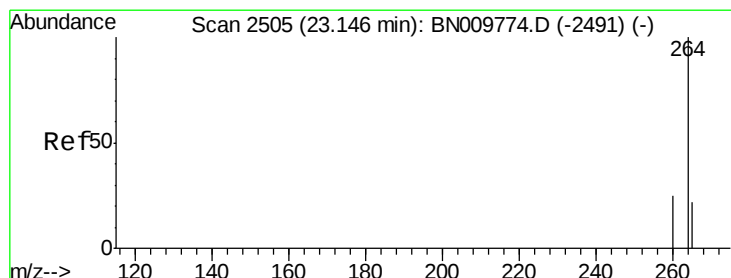
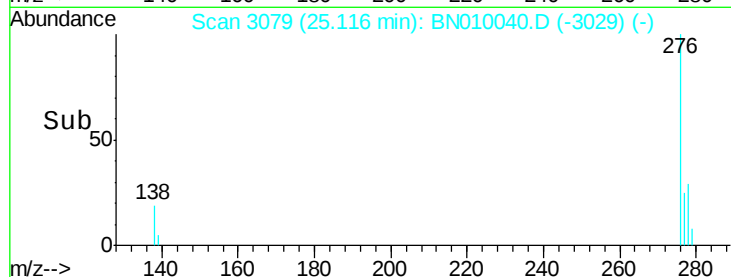
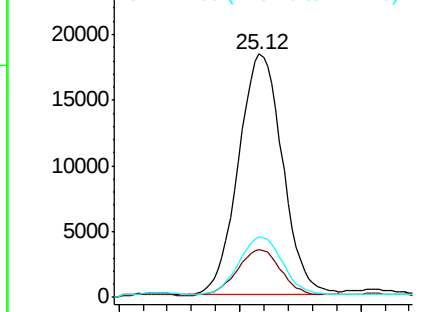
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.786 ng
 RT: 25.12 min Scan# 3079
 Delta R.T. -0.03 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 46108
 Ion Ratio Lower Upper
 276 100
 138 19.6 16.6 25.0
 277 24.7 18.6 28.0

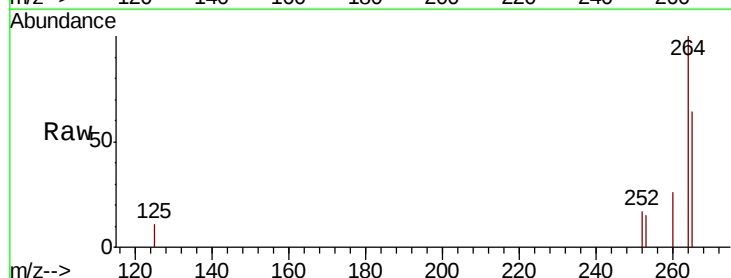


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

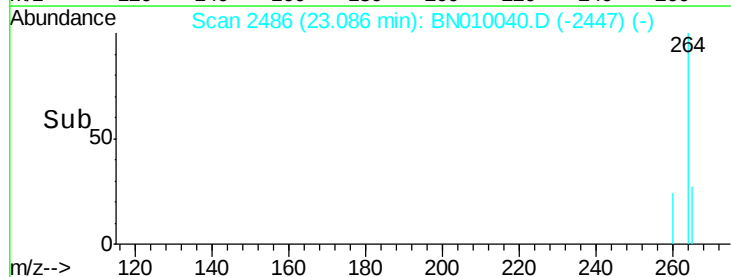
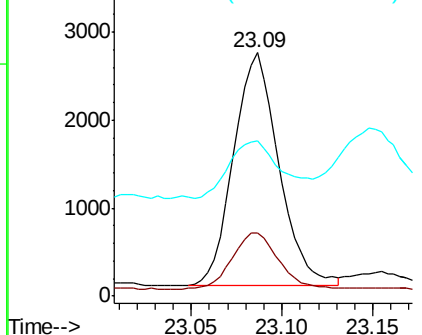


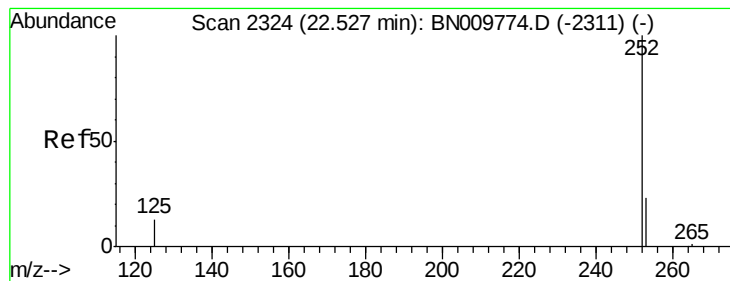
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.09 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BN010040.D
 Acq: 02 Mar 2020 14:52

Tgt Ion:264 Resp: 4594
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.4 30.6
 265 63.6 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: 4.233 ng

RT: 22.48 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

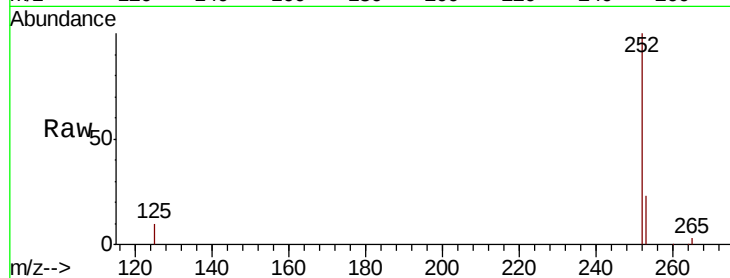
Tot Ion:252 Resp: 71099

Ion Ratio Lower Upper

252 100

253 23.0 23.1 34.7#

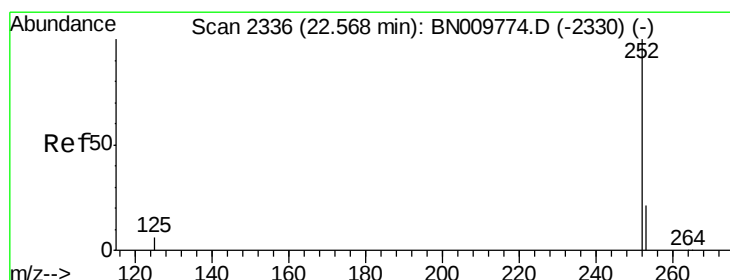
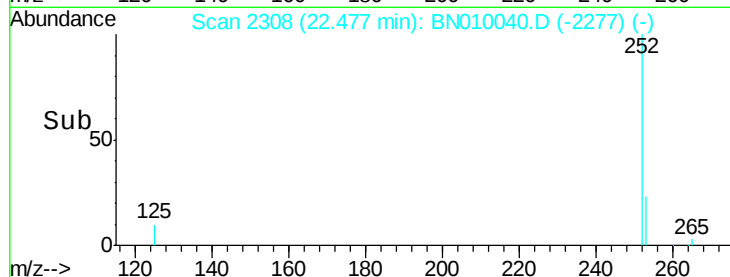
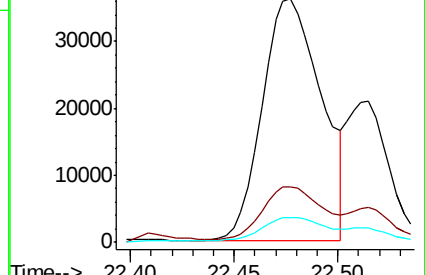
125 10.2 18.6 27.8#



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: 0.993 ng

RT: 22.63 min Scan# 2353

Delta R.T. 0.10 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

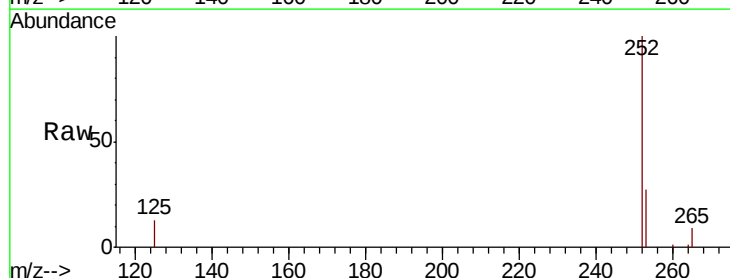
Tgt Ion:252 Resp: 18151

Ion Ratio Lower Upper

252 100

253 27.1 22.0 33.0

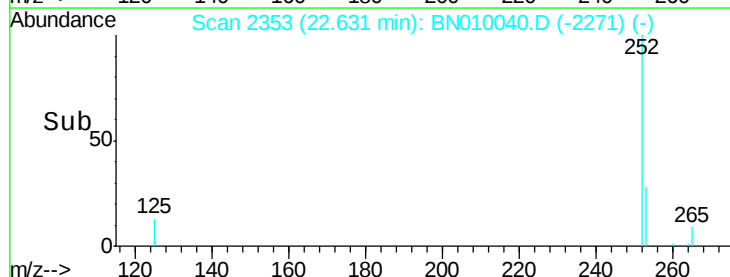
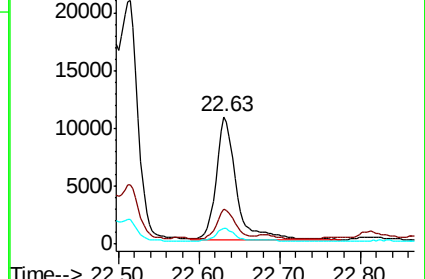
125 12.6 11.1 16.7

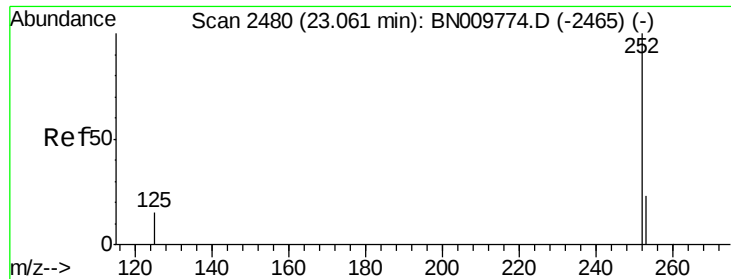


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.985 ng

RT: 23.13 min Scan# 2498

Delta R.T. 0.11 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :

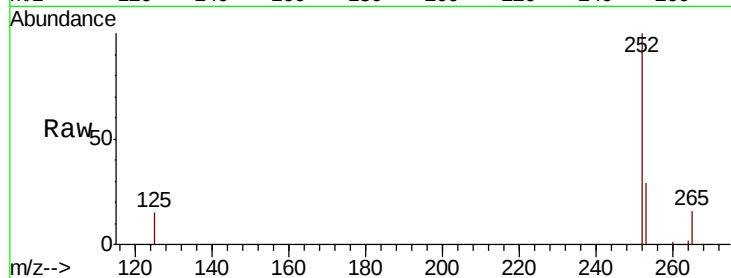
Tot Ion:252 Resp: 15088

Ion Ratio Lower Upper

252 100

253 28.5 24.6 36.8

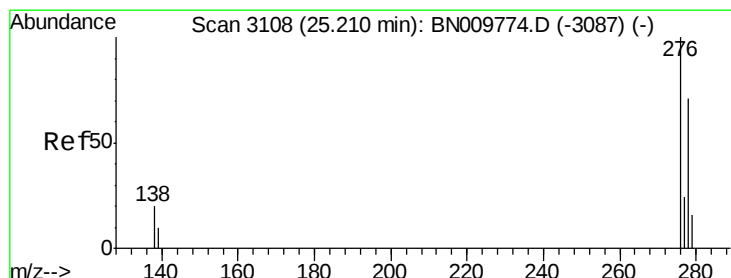
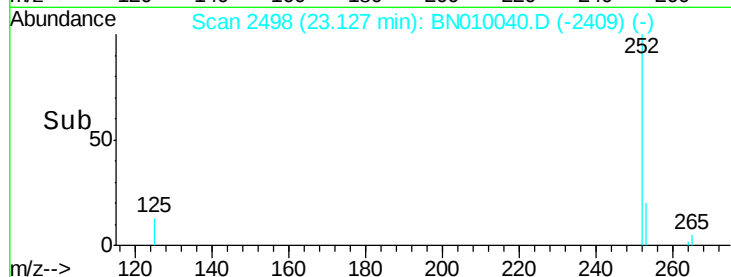
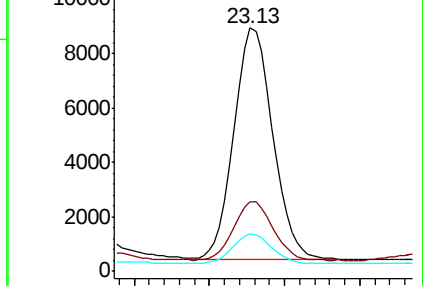
125 15.5 14.3 21.5



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: 1.059 ng

RT: 25.12 min Scan# 3080

Delta R.T. -0.03 min

Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

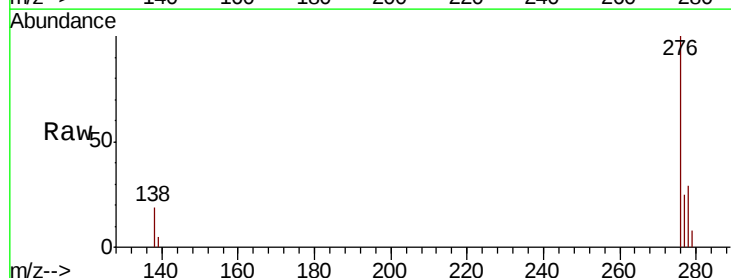
Tgt Ion:278 Resp: 15983

Ion Ratio Lower Upper

278 100

139 18.1 14.4 21.6

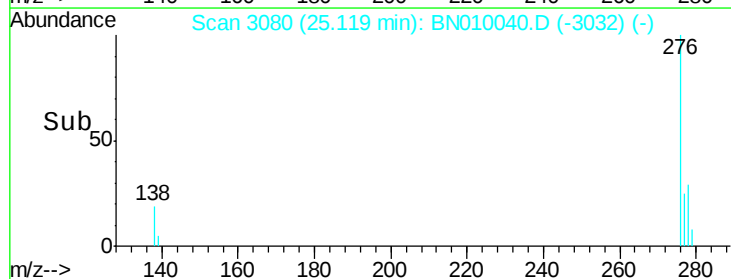
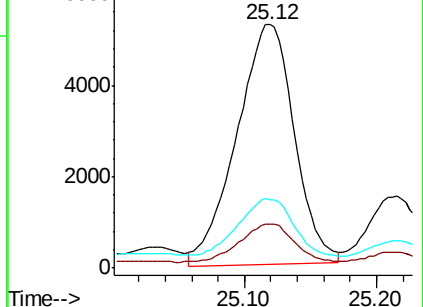
279 28.1 24.4 36.6



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: 3.023 ng

RT: 25.73 min Scan# 3259

Delta R.T. -0.03 min

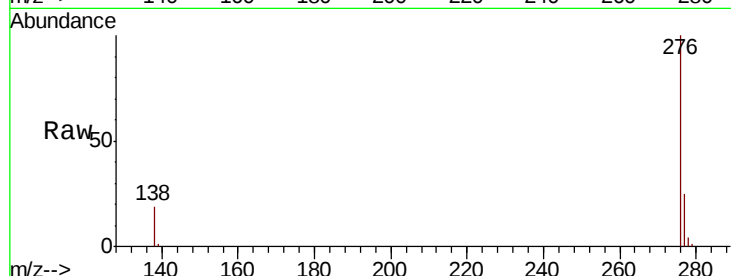
Lab File: BN010040.D

Acq: 02 Mar 2020 14:52

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 48597

Ion Ratio Lower Upper

276 100

277 24.7 21.4 32.0

138 19.4 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

