

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
 Data File : BN009810.D
 Acq On : 21 Feb 2020 16:39
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 17:09:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1106	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	3810	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	2516	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	5504	0.40	ng	-0.02
27) Chrysene-d12	21.02	240	4882	0.40	ng	-0.02
34) Perylene-d12	23.13	264	5251	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1008	0.41	ng	-0.02
5) Phenol-d6	6.62	99	1089	0.36	ng	-0.02
8) Nitrobenzene-d5	8.57	82	1117	0.35	ng	-0.03
11) 2-Methylnaphthalene-d10	11.76	152	2876	0.39	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	344	0.35	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	3609	0.38	ng	-0.03
25) Fluoranthene-d10	18.84	212	6945	0.36	ng	-0.02
29) Terphenyl-d14	19.46	244	4399	0.38	ng	-0.02

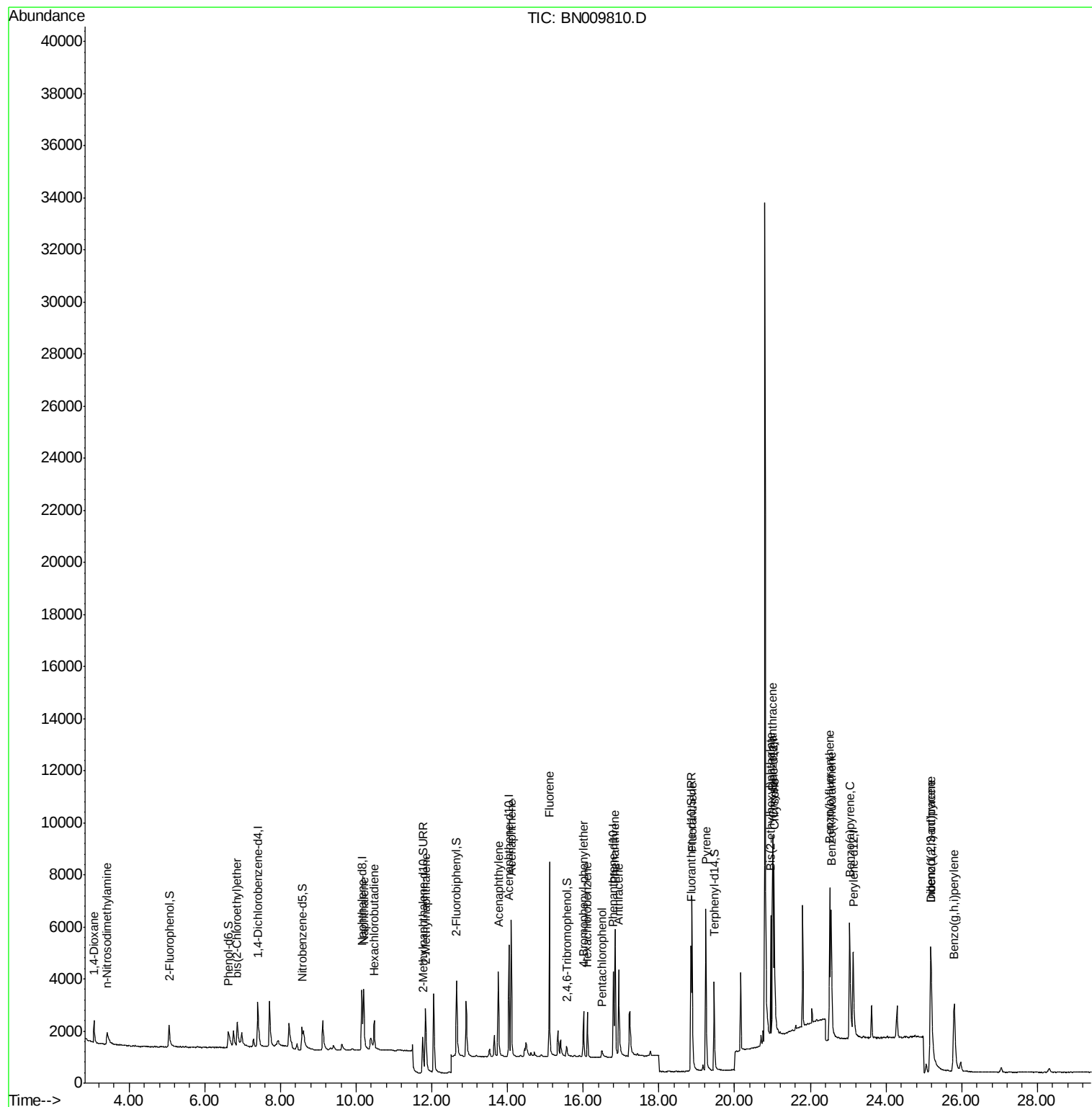
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	451	0.398	ng	92
3) n-Nitrosodimethylamine	3.42	42	770	0.414	ng	# 93
6) bis(2-Chloroethyl)ether	6.86	93	1225	0.421	ng	93
9) Naphthalene	10.20	128	4046	0.389	ng	98
10) Hexachlorobutadiene	10.48	225	906	0.396	ng	# 97
12) 2-Methylnaphthalene	11.83	142	2801	0.393	ng	99
16) Acenaphthylene	13.76	152	3939	0.367	ng	100
17) Acenaphthene	14.10	154	2885	0.383	ng	99
18) Fluorene	15.10	166	3696	0.371	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	820	0.149	ng	# 87
21) Hexachlorobenzene	16.11	284	1330	0.388	ng	98
22) Pentachlorophenol	16.50	266	269	0.413	ng	98
23) Phenanthrene	16.84	178	6034	0.368	ng	100
24) Anthracene	16.94	178	4932	0.356	ng	99
26) Fluoranthene	18.87	202	7072	0.361	ng	100
28) Pyrene	19.24	202	7261	0.392	ng	100
30) Benzo(a)anthracene	21.00	228	5995	0.370	ng	100
31) Chrysene	21.06	228	7279	0.388	ng	97
32) Bis(2-ethylhexyl)phthalate	20.95	149	3764	0.476	ng	97
33) Indeno(1,2,3-cd)pyrene	25.18	276	7754	0.397	ng	97
35) Benzo(b)fluoranthene	22.51	252	6693	0.349	ng	# 94
36) Benzo(k)fluoranthene	22.55	252	7597	0.363	ng	99
37) Benzo(a)pyrene	23.04	252	6738	0.385	ng	# 80
38) Dibenzo(a,h)anthracene	25.19	278	5868	0.340	ng	98
39) Benzo(g,h,i)perylene	25.81	276	6841	0.372	ng	98

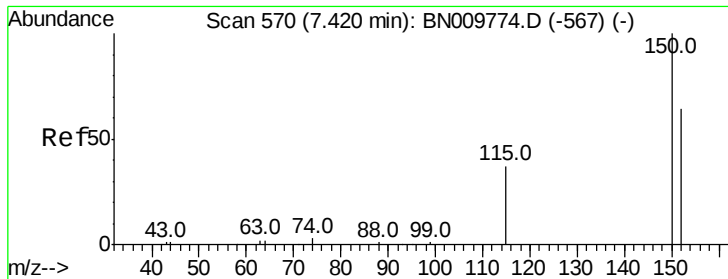
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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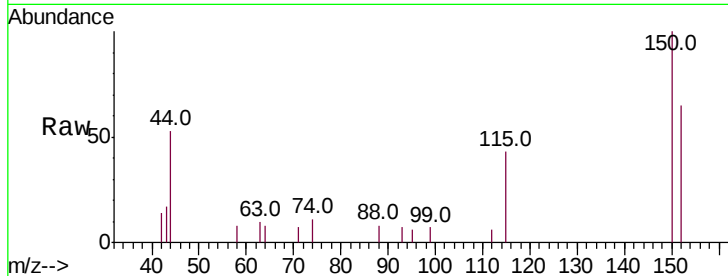


#1

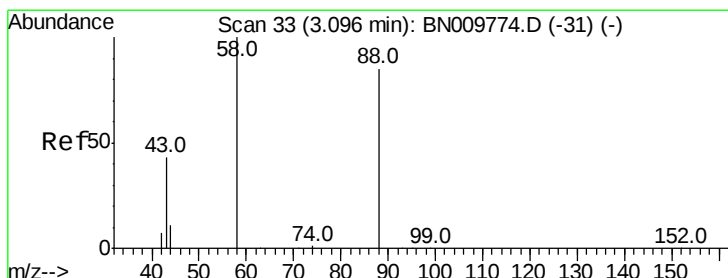
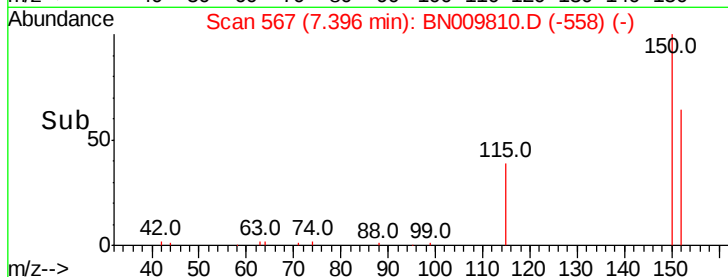
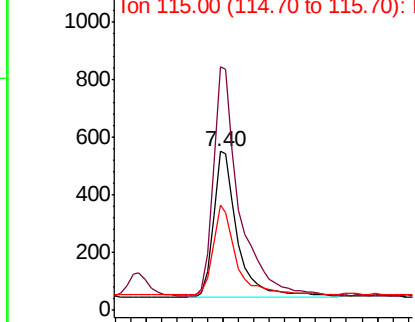
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN009810.D
Acq: 21 Feb 2020 16:39

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 1106
Ion Ratio Lower Upper
152 100
150 153.5 120.6 181.0
115 66.4 51.2 76.8



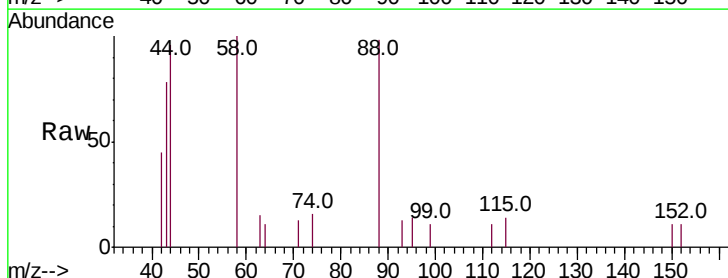
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



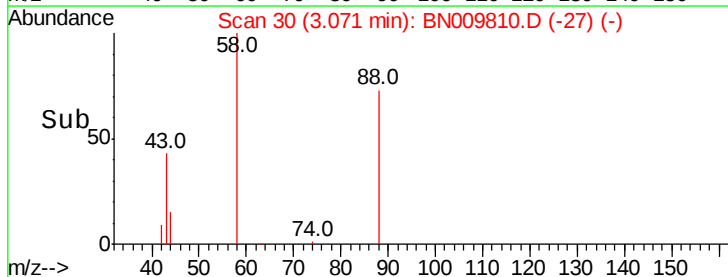
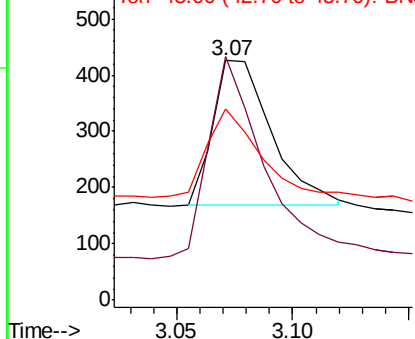
#2

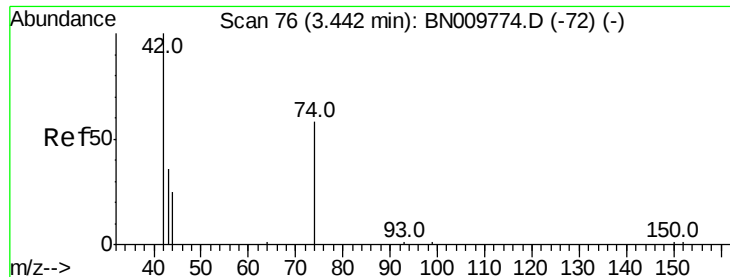
1,4-Dioxane
Concen: 0.398 ng
RT: 3.07 min Scan# 30
Delta R.T. -0.02 min
Lab File: BN009810.D
Acq: 21 Feb 2020 16:39

Tgt Ion: 88 Resp: 451
Ion Ratio Lower Upper
88 100
58 115.3 97.8 146.8
43 46.8 45.1 67.7



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: 0.414 ng

RT: 3.42 min Scan# 73

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

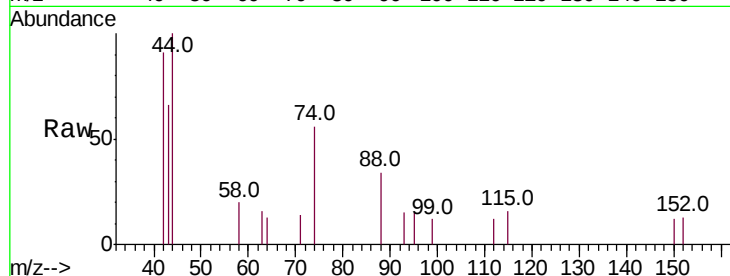
Tot Ion: 42 Resp: 770

Ion Ratio Lower Upper

42 100

74 70.0 51.2 76.8

44 2.2 2.6 4.0#

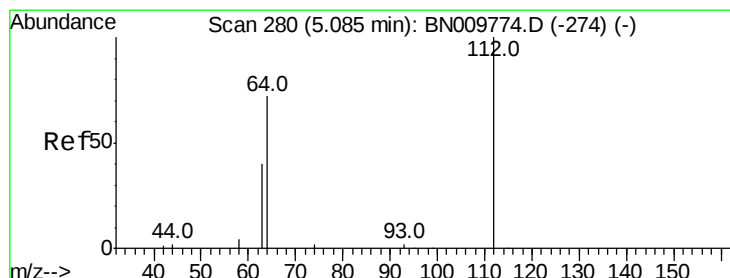
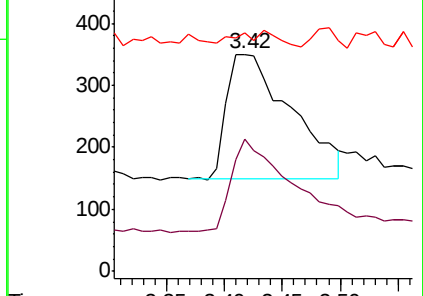
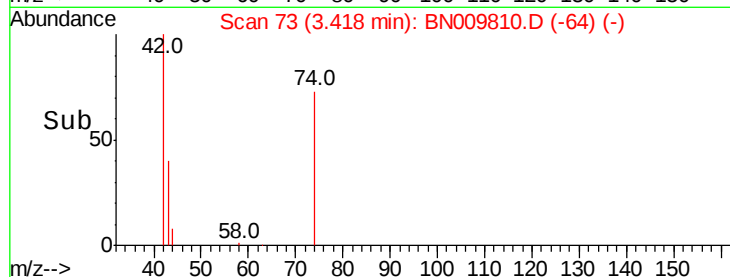


Abundance Ion 42.00 (41.70 to 42.70): BN009774.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BN009774.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BN009774.D (-72) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.410 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

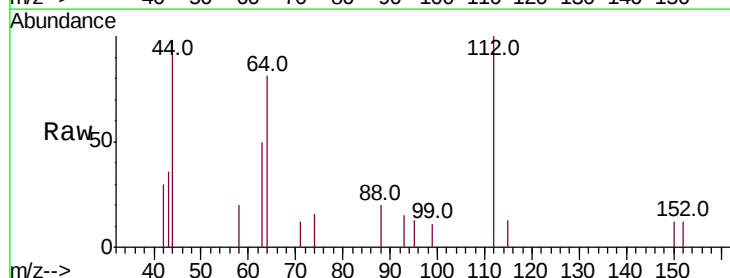
Tgt Ion: 112 Resp: 1008

Ion Ratio Lower Upper

112 100

64 81.1 65.8 98.6

63 44.9 38.7 58.1

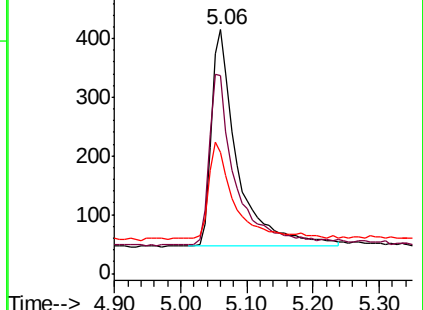
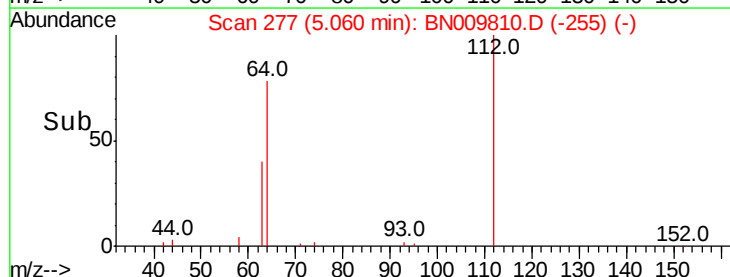


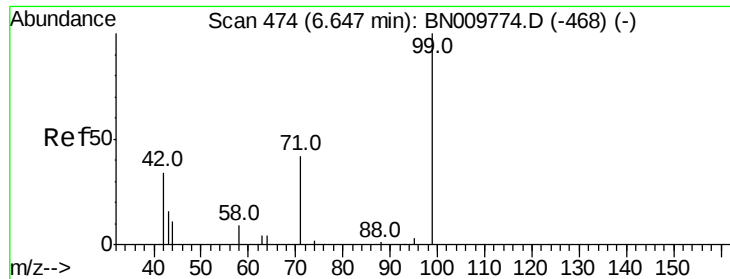
Abundance Ion 112.00 (111.70 to 112.70): BN009774.D (-274) (-)

Ion 64.00 (63.70 to 64.70): BN009774.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-274) (-)

Time-->





#5

Phenol-d6

Concen: 0.364 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

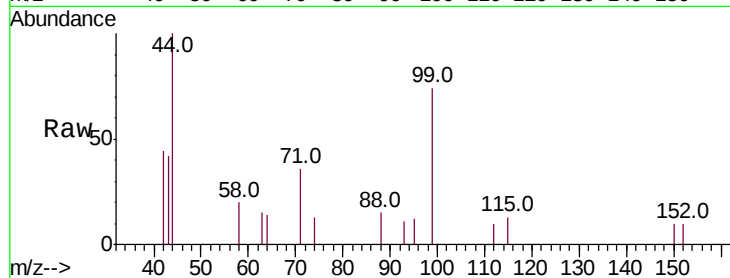
Tot Ion: 99 Resp: 1089

Ion Ratio Lower Upper

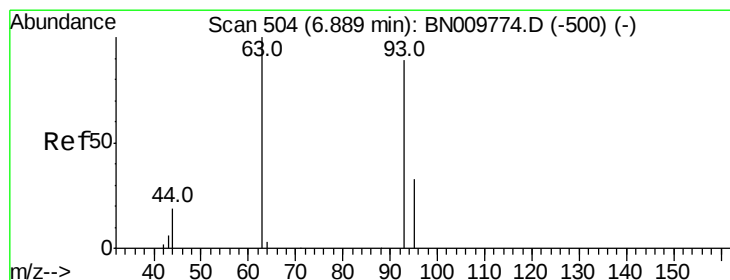
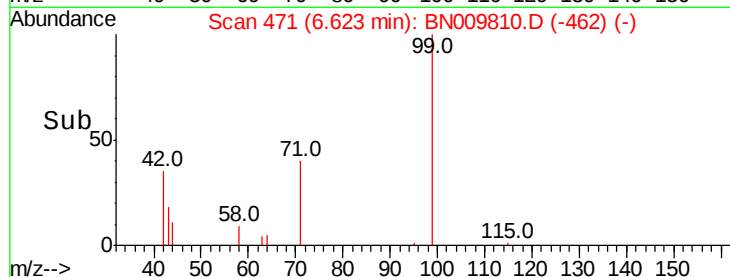
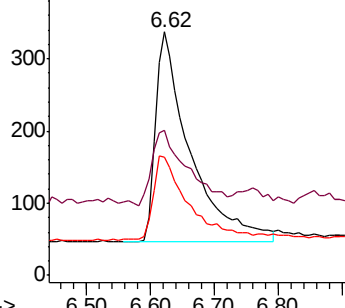
99 100

42 36.1 30.8 46.2

71 41.6 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.421 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

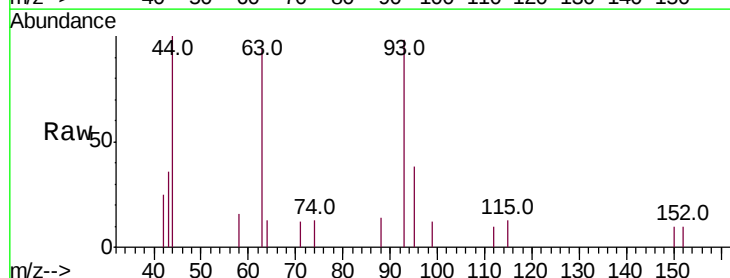
Tgt Ion: 93 Resp: 1225

Ion Ratio Lower Upper

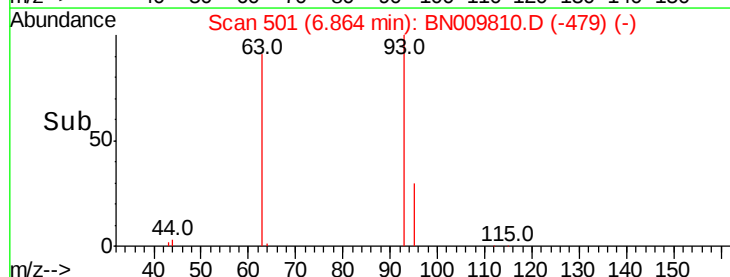
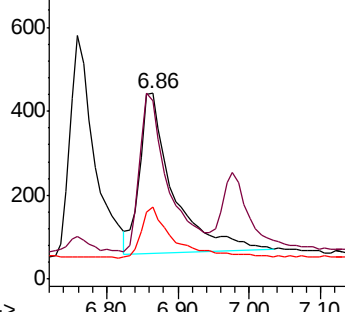
93 100

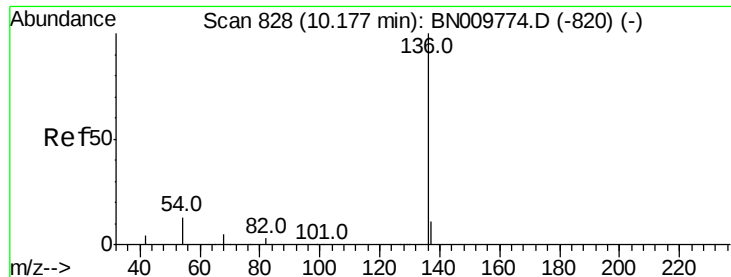
63 84.9 74.0 111.0

95 31.2 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3810

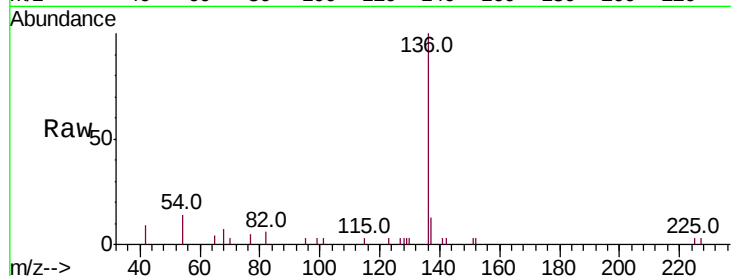
Ion Ratio Lower Upper

136 100

137 13.0 11.3 16.9

54 14.5 13.4 20.2

68 7.3 7.0 10.4

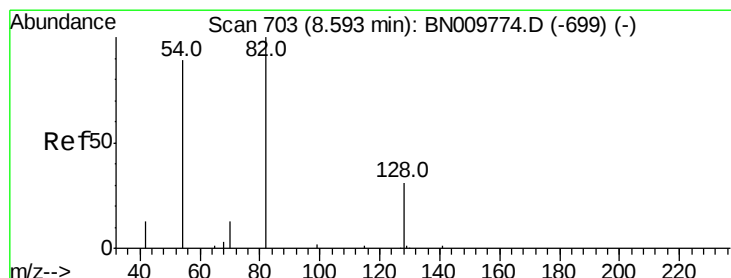
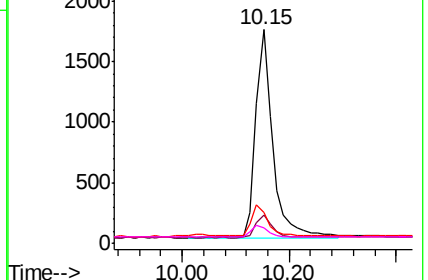
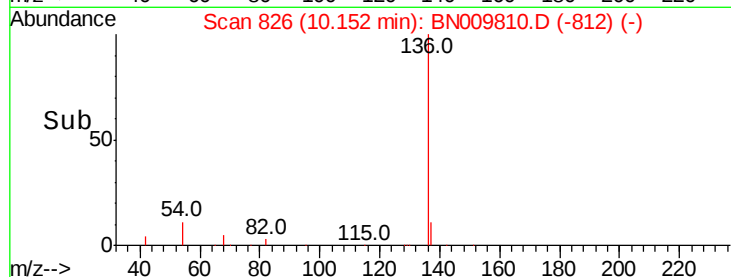


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.352 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

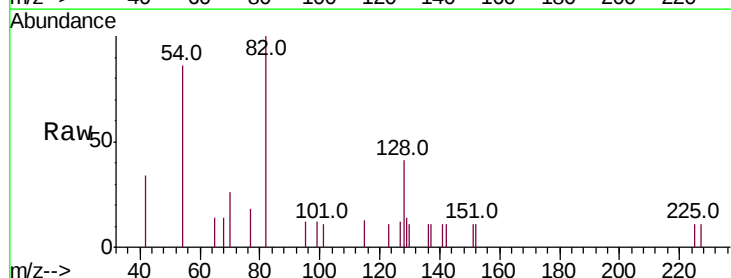
Tgt Ion: 82 Resp: 1117

Ion Ratio Lower Upper

82 100

128 41.4 32.5 48.7

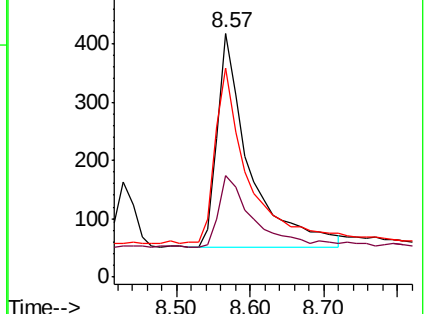
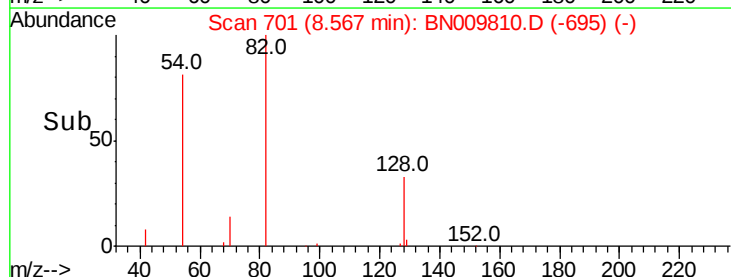
54 85.6 73.5 110.3

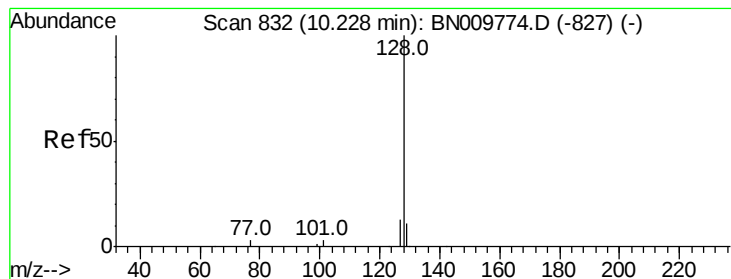


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.389 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

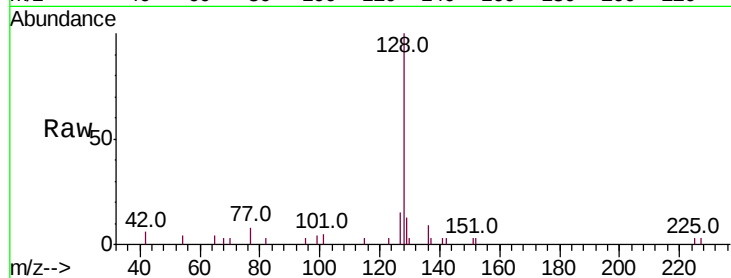
Tot Ion:128 Resp: 4046

Ion Ratio Lower Upper

128 100

129 13.0 11.1 16.7

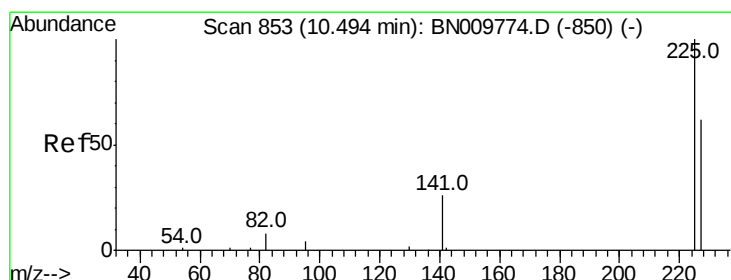
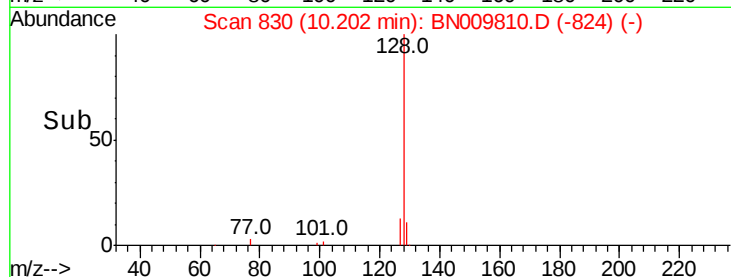
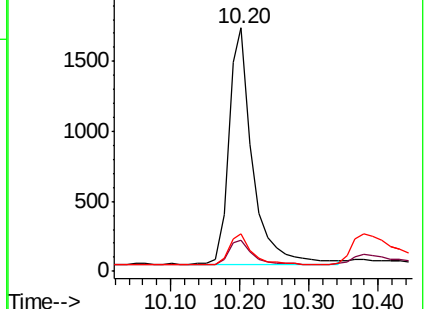
127 15.3 12.6 19.0



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: 0.396 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

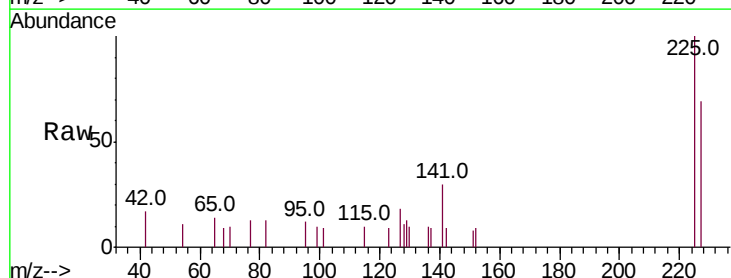
Tgt Ion:225 Resp: 906

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

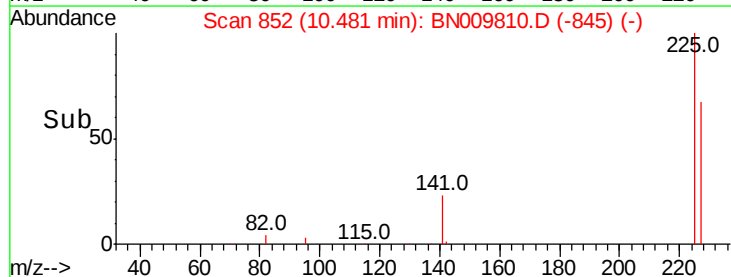
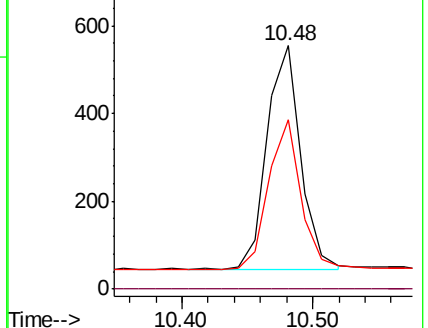
227 64.3 53.4 80.2

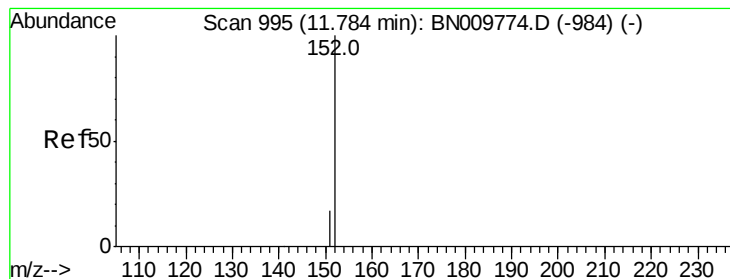


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.03 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

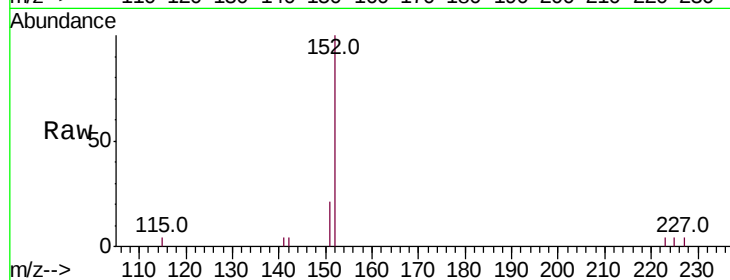
ClientSampled :

Tot Ion:152 Resp: 2876

Ion Ratio Lower Upper

152 100

151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

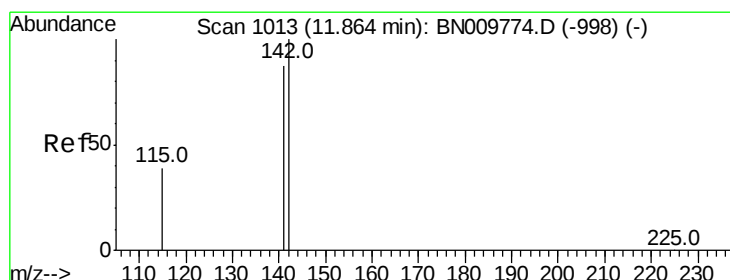
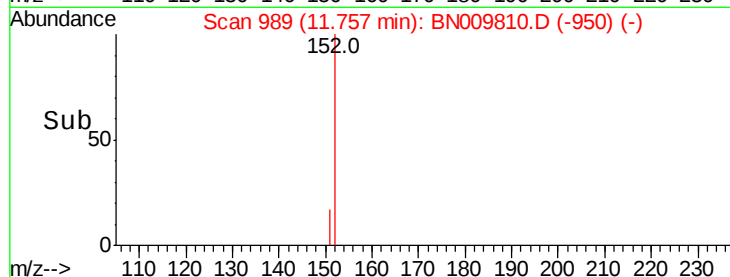
1000

500

0

Time-->

11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

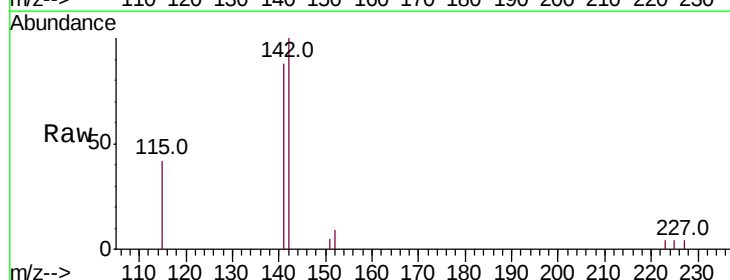
Tgt Ion:142 Resp: 2801

Ion Ratio Lower Upper

142 100

141 87.5 69.8 104.6

115 41.6 34.6 52.0



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

11.83

1500

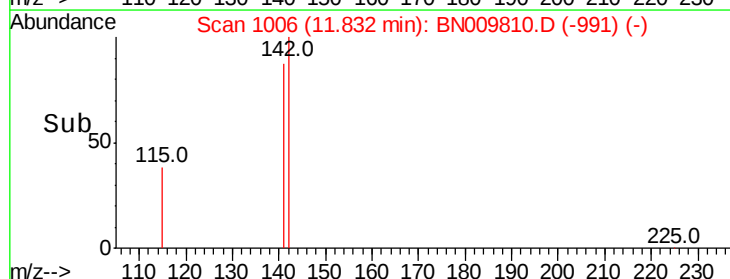
1000

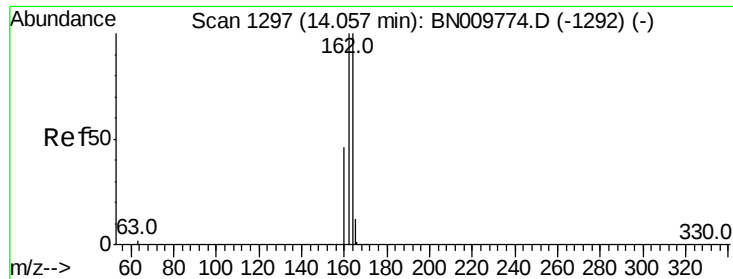
500

0

Time-->

11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

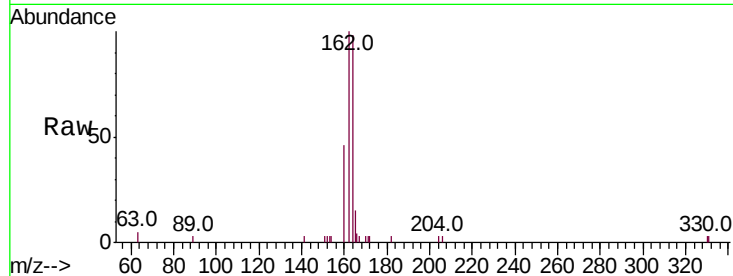
Tot Ion:164 Resp: 2516

Ion Ratio Lower Upper

164 100

162 101.8 79.9 119.9

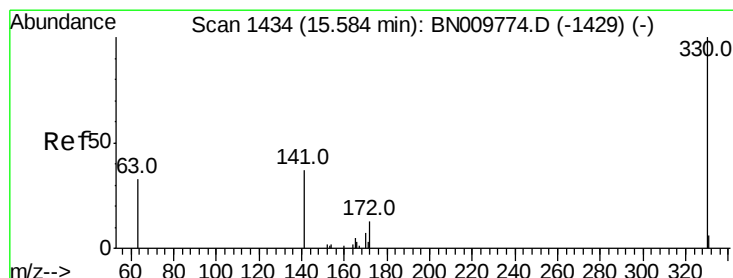
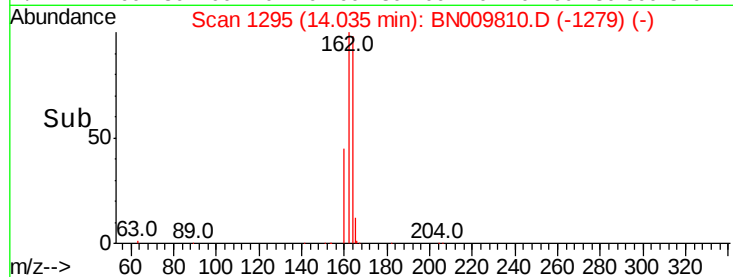
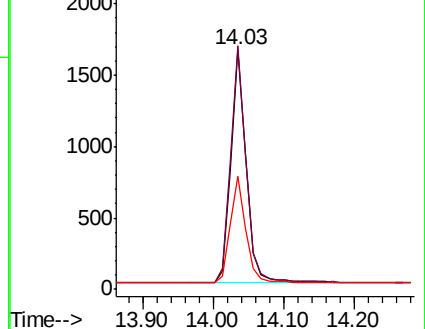
160 47.0 38.2 57.2



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: 0.355 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

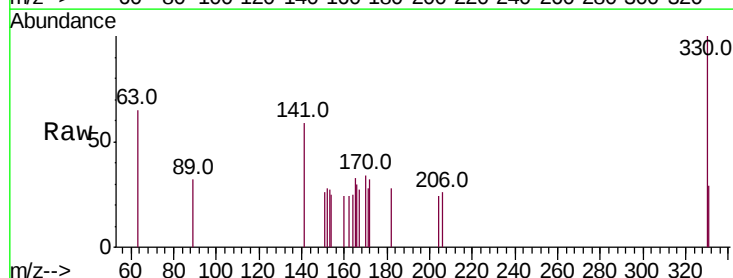
Tgt Ion:330 Resp: 344

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

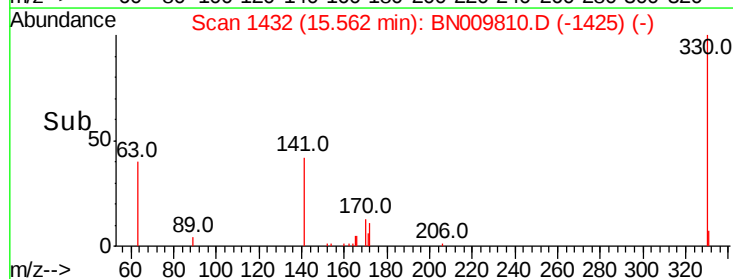
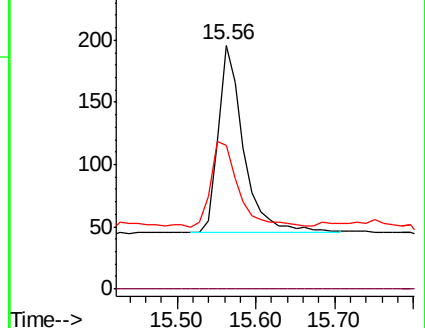
141 48.5 36.8 55.2

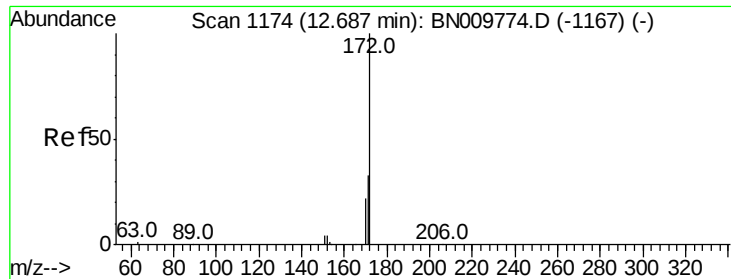


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

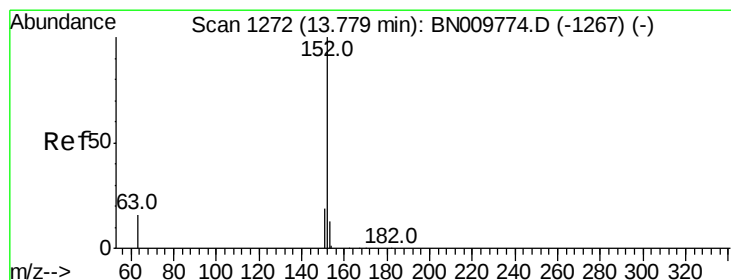
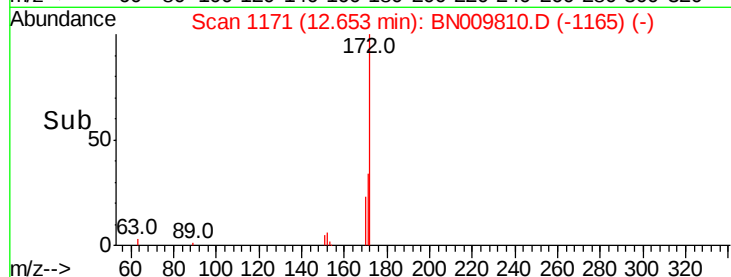
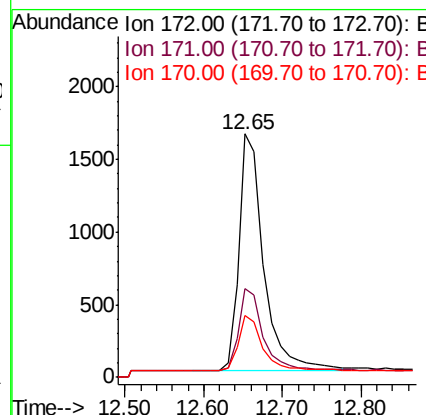
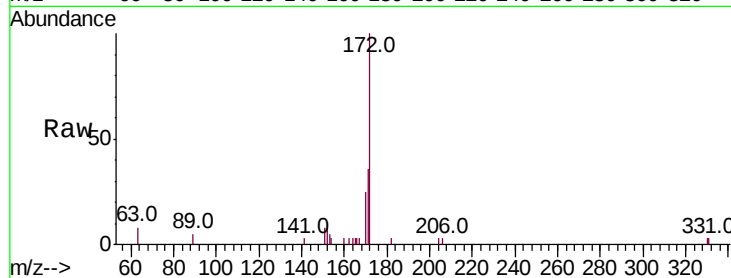




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BN009810.D
Acq: 21 Feb 2020 16:39

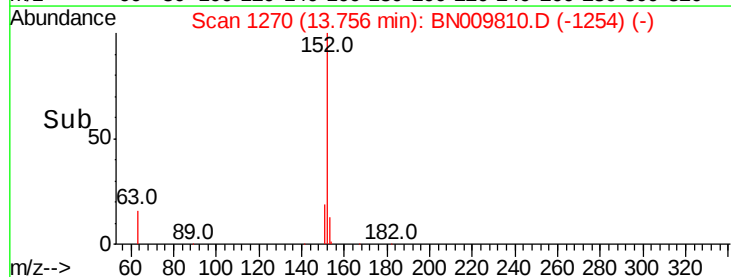
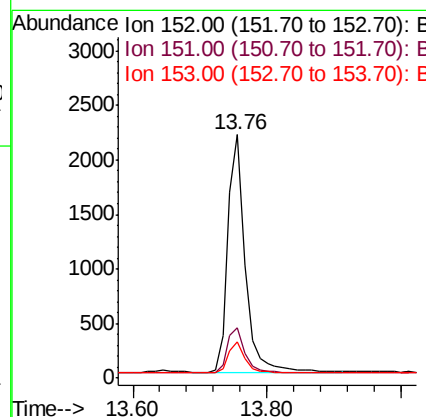
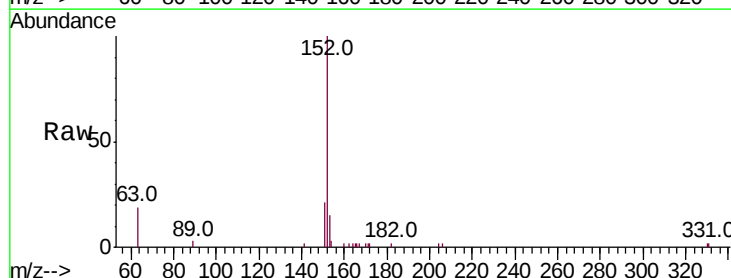
Instrument :
BNA_N
ClientSampleId :

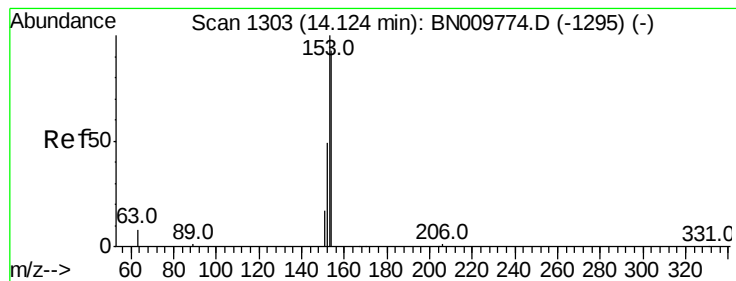
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	25.4	20.1	30.1



#16
Acenaphthylene
Concen: 0.367 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009810.D
Acq: 21 Feb 2020 16:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.2	10.2	15.4





#17

Acenaphthene

Concen: 0.383 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampled :

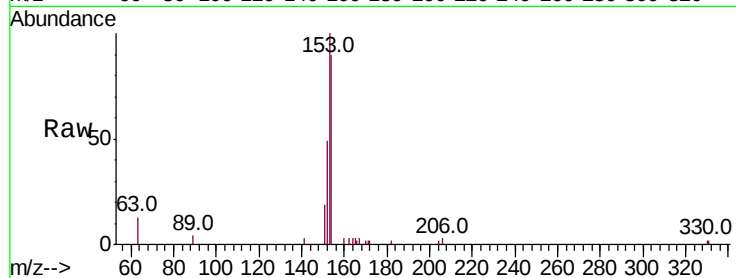
Tot Ion:154 Resp: 2885

Ion Ratio Lower Upper

154 100

153 111.6 88.9 133.3

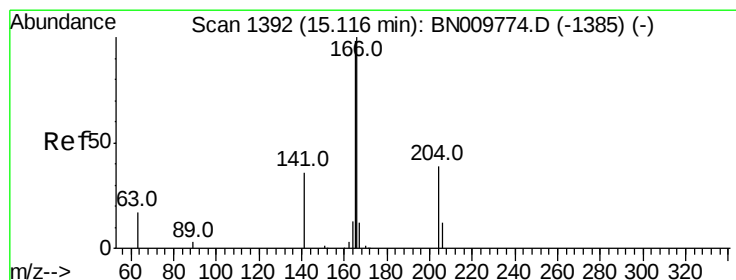
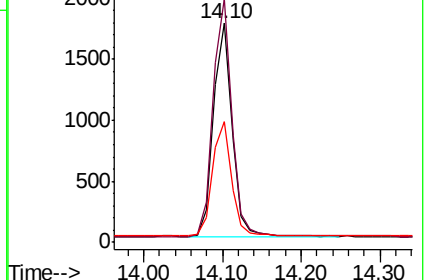
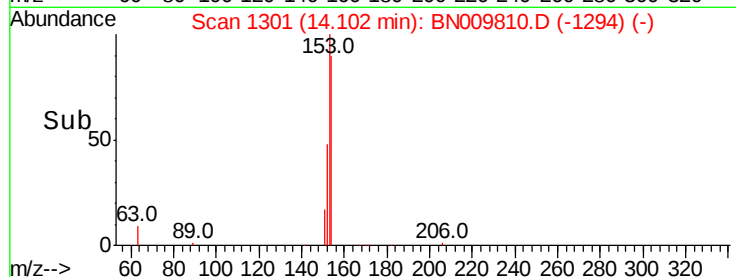
152 54.6 44.2 66.2



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: 0.371 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

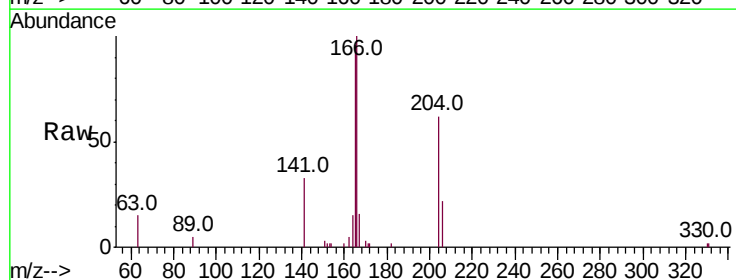
Tgt Ion:166 Resp: 3696

Ion Ratio Lower Upper

166 100

165 97.7 77.2 115.8

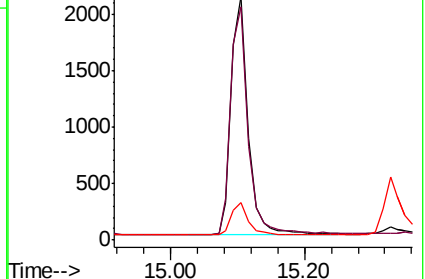
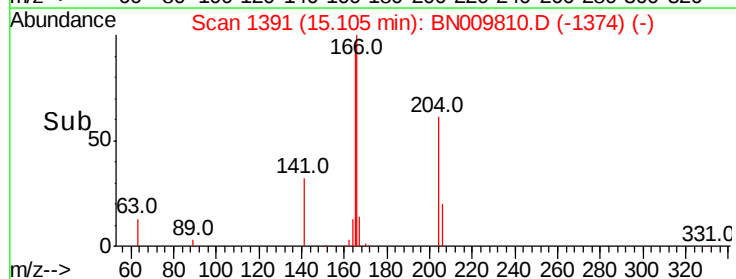
167 13.6 10.5 15.7

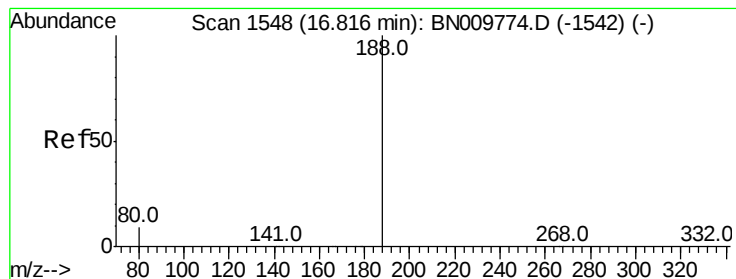


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

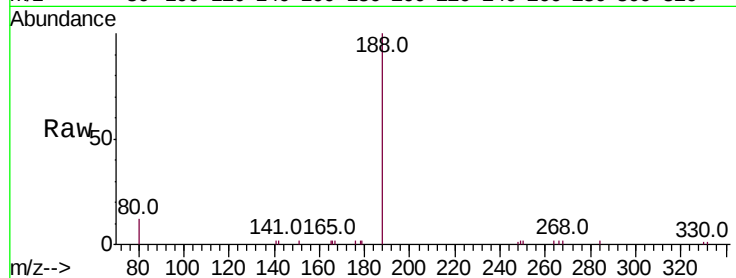
Tot Ion:188 Resp: 5504

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

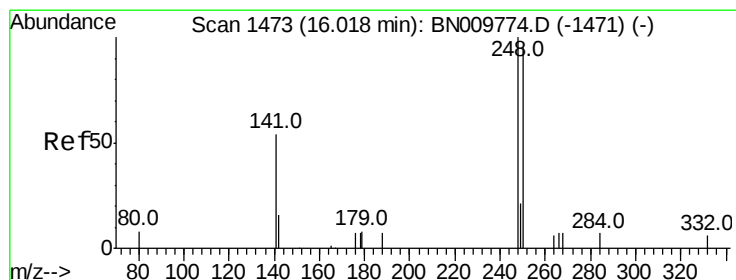
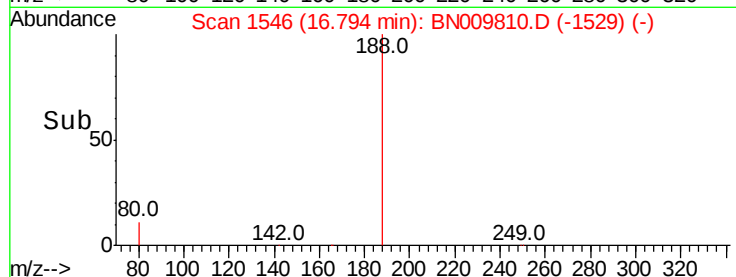
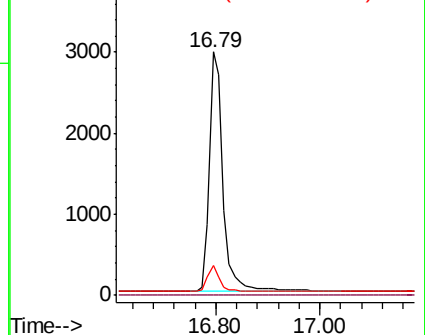
80 12.3 8.3 12.5



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: 0.149 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

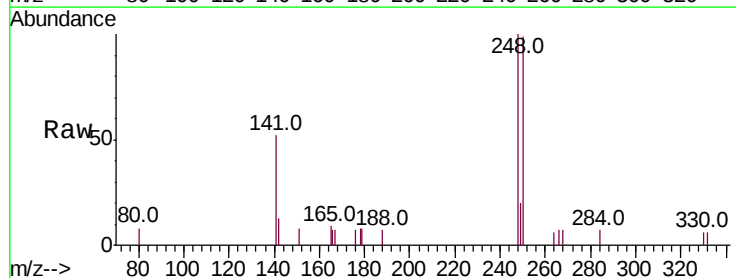
Tgt Ion:248 Resp: 820

Ion Ratio Lower Upper

248 100

250 98.9 76.2 114.4

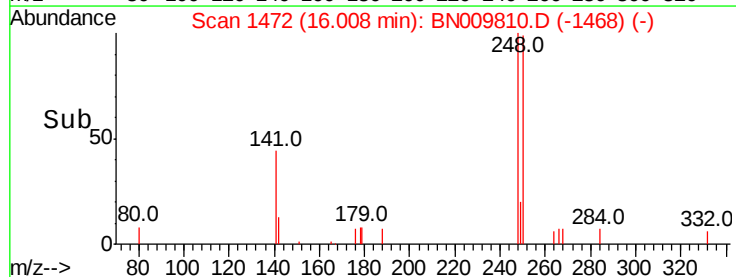
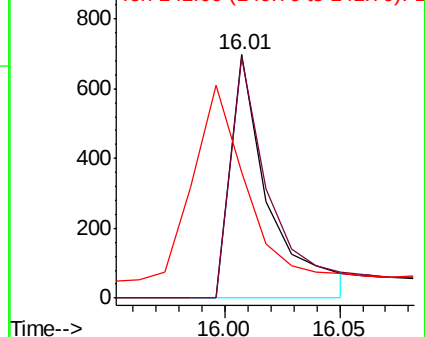
141 51.6 57.8 86.6#

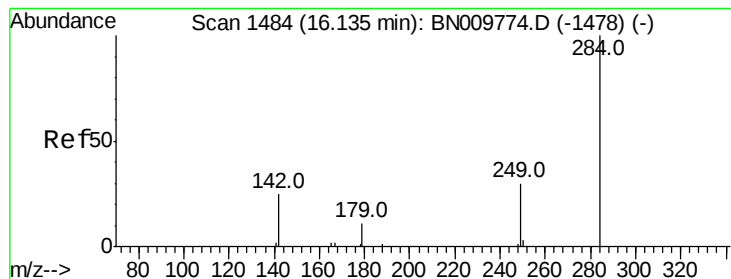


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.388 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

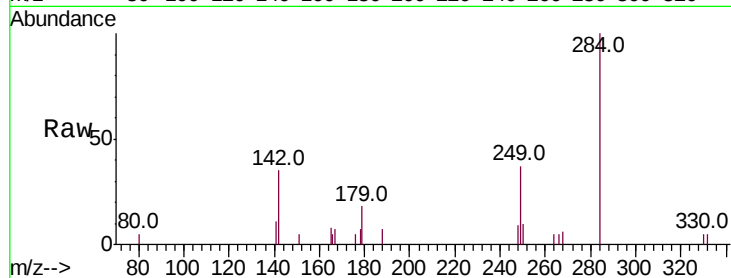
Tot Ion:284 Resp: 1330

Ion Ratio Lower Upper

284 100

142 40.8 33.3 49.9

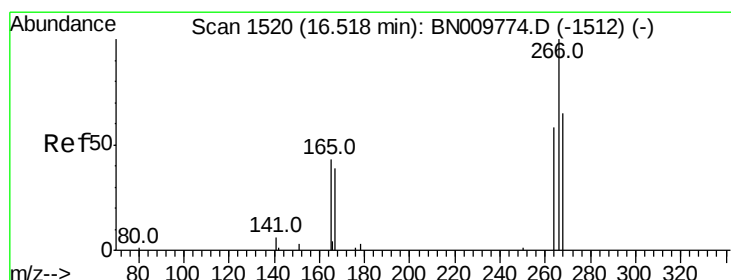
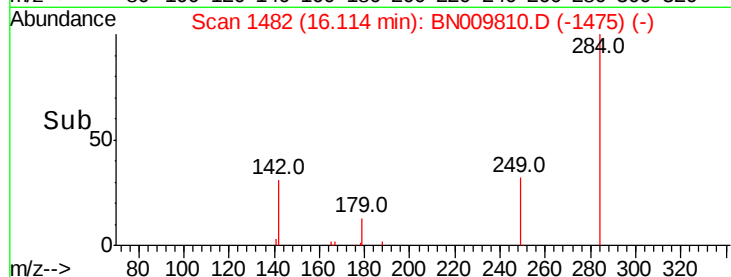
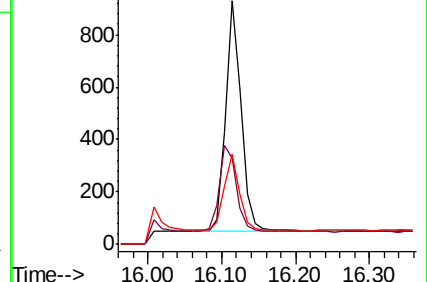
249 33.2 25.7 38.5



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: 0.413 ng

RT: 16.50 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

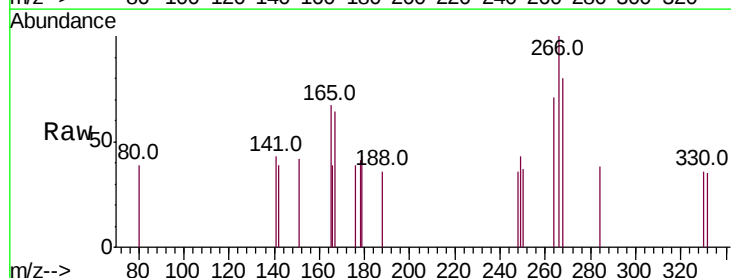
Tgt Ion:266 Resp: 269

Ion Ratio Lower Upper

266 100

264 71.3 58.1 87.1

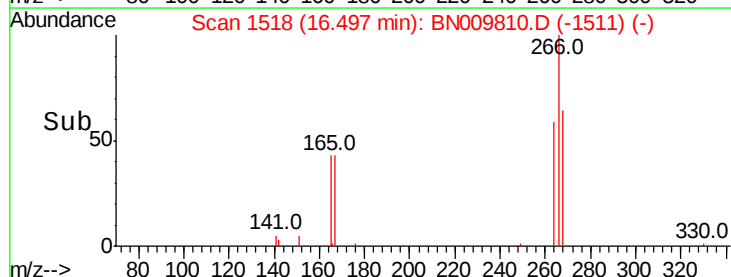
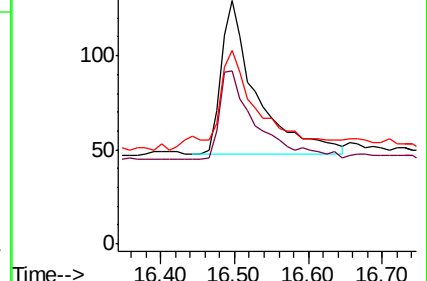
268 79.8 65.7 98.5

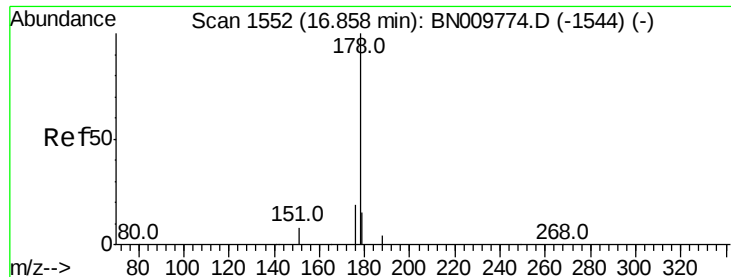


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.368 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

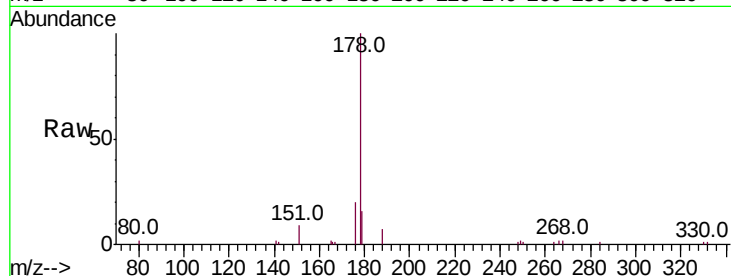
Tot Ion:178 Resp: 6034

Ion Ratio Lower Upper

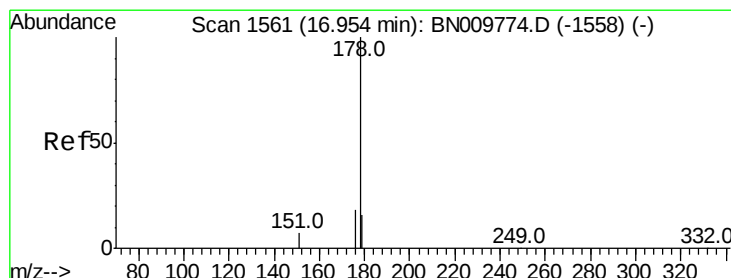
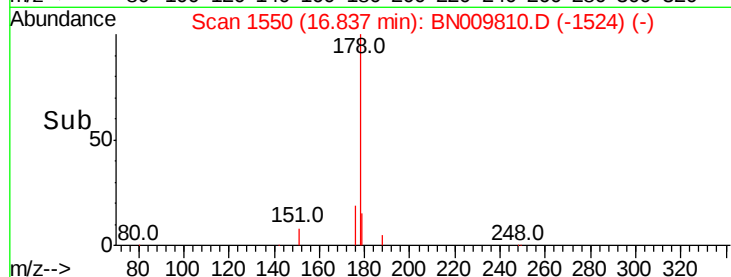
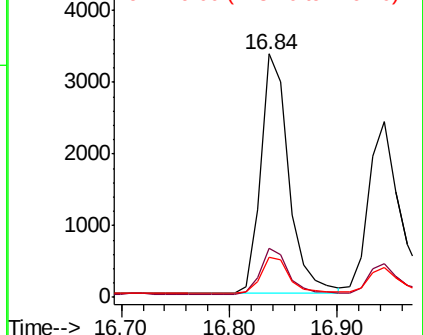
178 100

176 18.8 15.3 22.9

179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.356 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

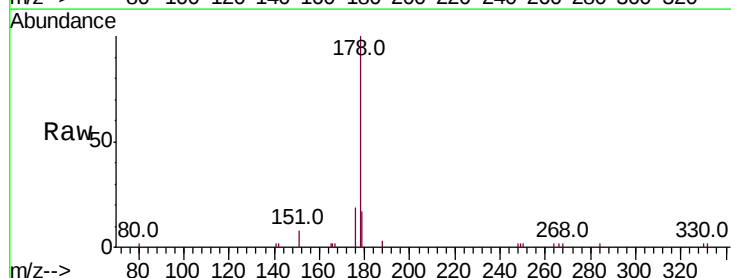
Tgt Ion:178 Resp: 4932

Ion Ratio Lower Upper

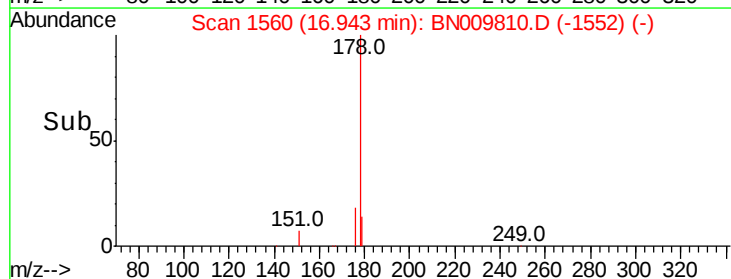
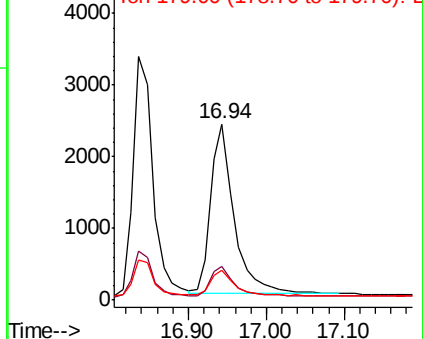
178 100

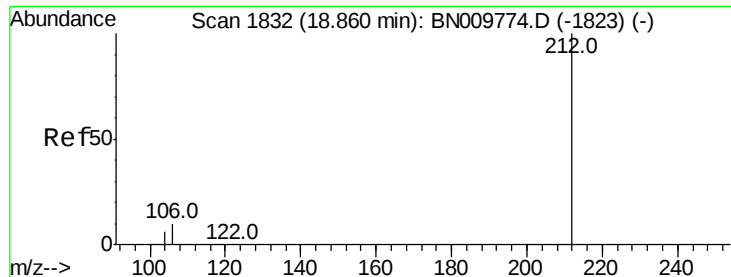
176 17.7 14.3 21.5

179 14.7 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

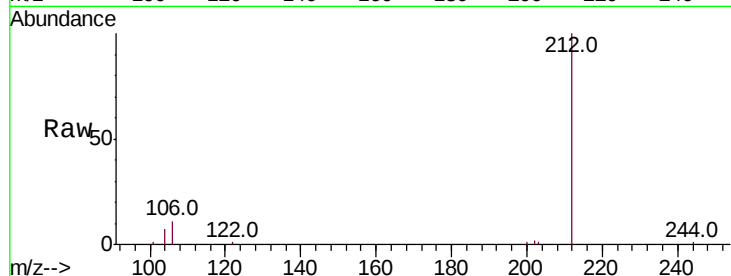
Tot Ion:212 Resp: 6945

Ion Ratio Lower Upper

212 100

106 11.2 8.4 12.6

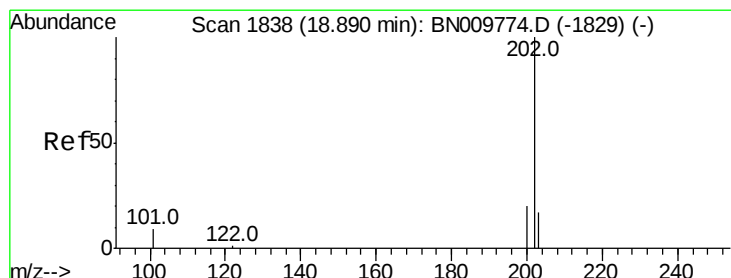
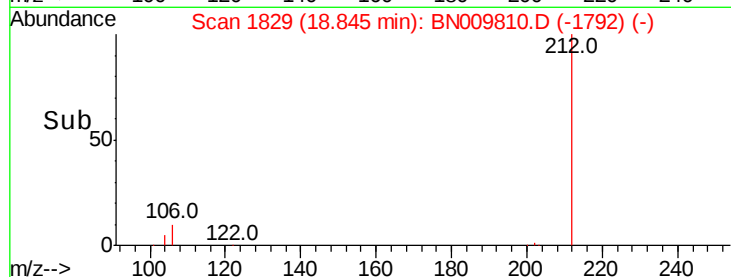
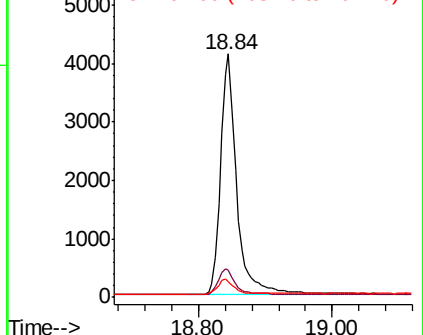
104 6.2 4.8 7.2



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: 0.361 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

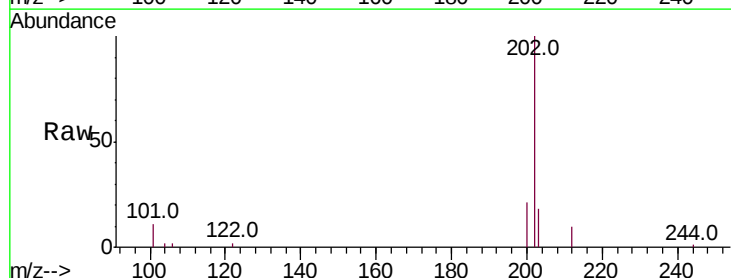
Tgt Ion:202 Resp: 7072

Ion Ratio Lower Upper

202 100

101 9.1 7.1 10.7

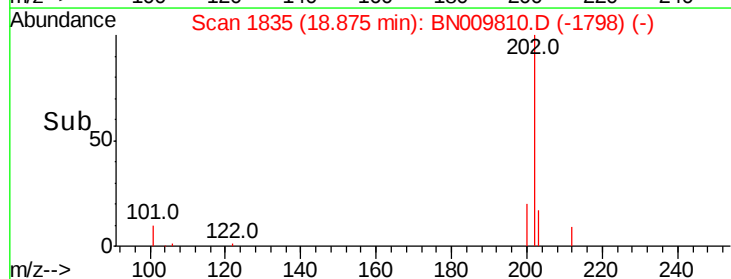
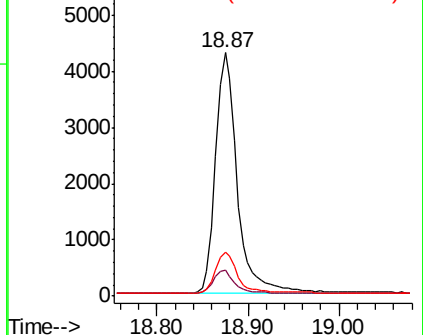
203 17.4 13.8 20.6

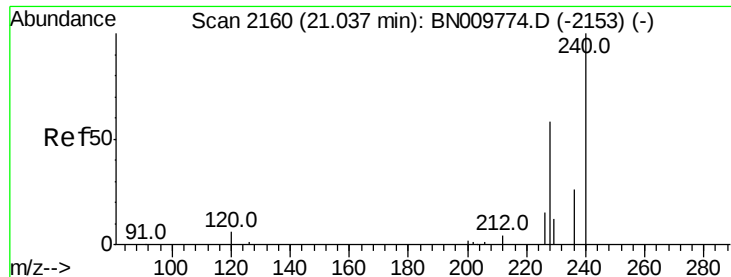


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

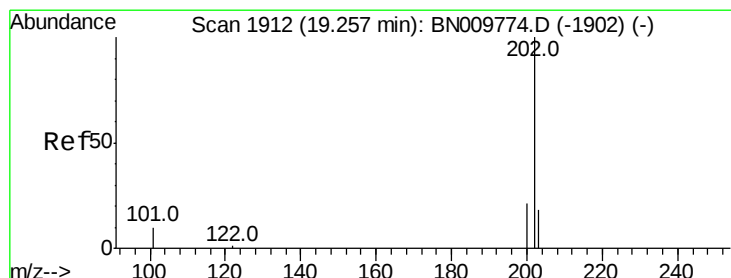
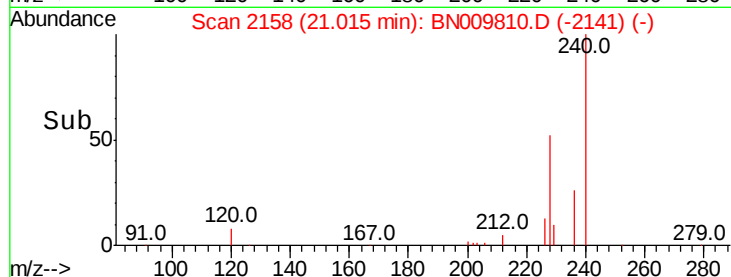
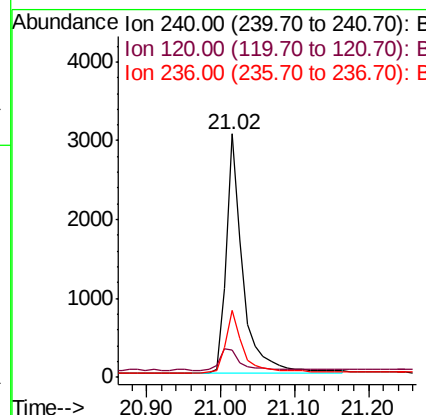
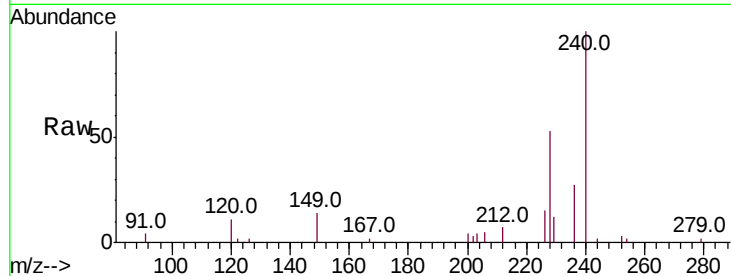




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BN009810.D
Acq: 21 Feb 2020 16:39

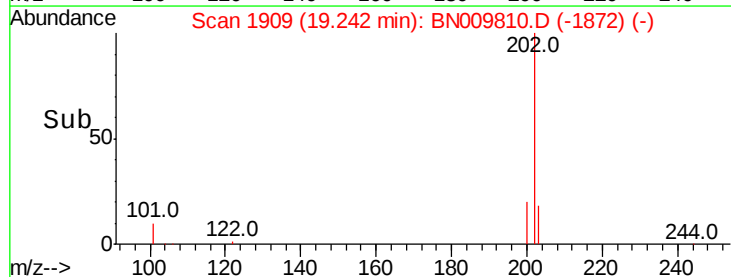
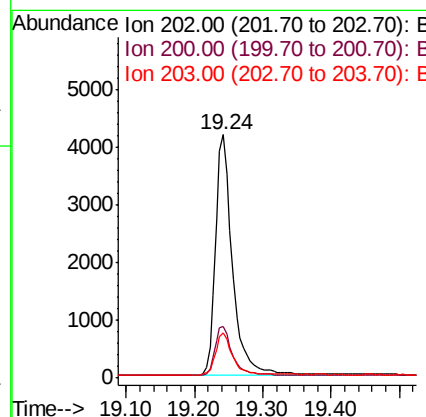
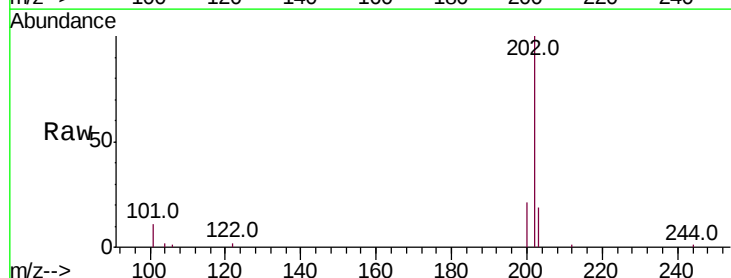
Instrument :
BNA_N
ClientSampleId :

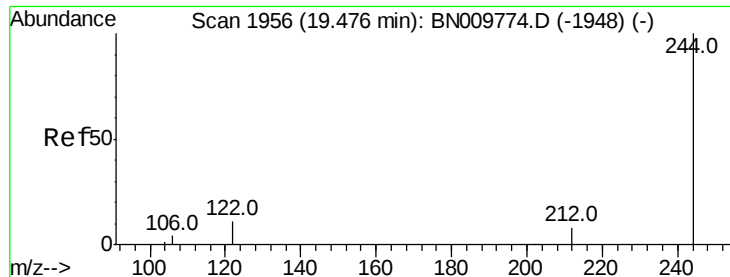
Tot Ion:240 Resp: 4882
Ion Ratio Lower Upper
240 100
120 11.0 7.9 11.9
236 27.3 22.0 33.0



#28
Pyrene
Concen: 0.392 ng
RT: 19.24 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BN009810.D
Acq: 21 Feb 2020 16:39

Tgt Ion:202 Resp: 7261
Ion Ratio Lower Upper
202 100
200 20.3 16.4 24.6
203 17.2 13.9 20.9





#29

Terphenyl-d14

Concen: 0.377 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

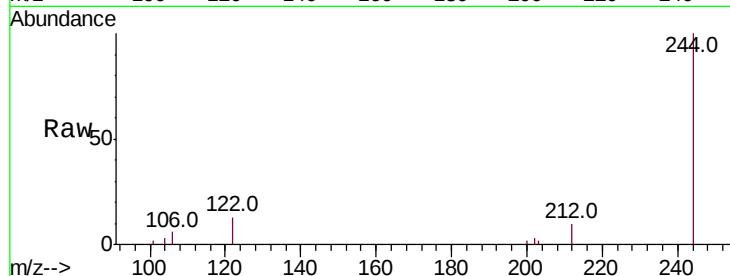
Tot Ion:244 Resp: 4399

Ion Ratio Lower Upper

244 100

212 10.0 8.0 12.0

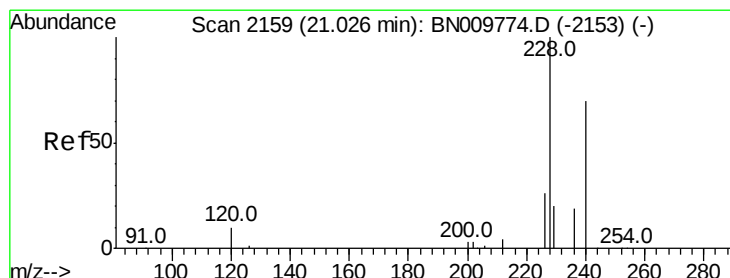
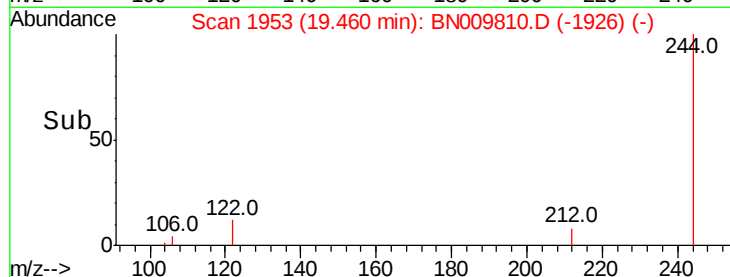
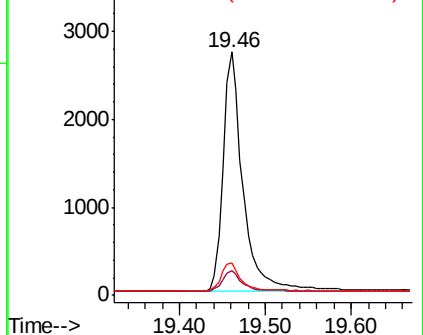
122 13.2 10.0 15.0



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: 0.370 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

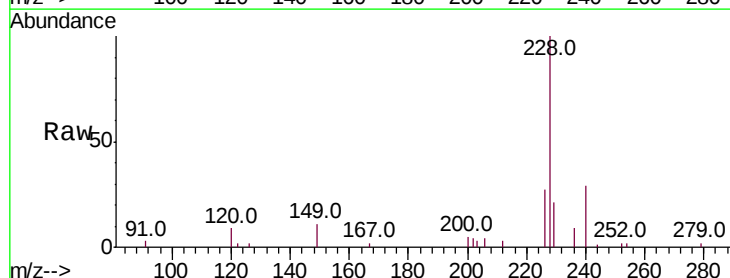
Tgt Ion:228 Resp: 5995

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

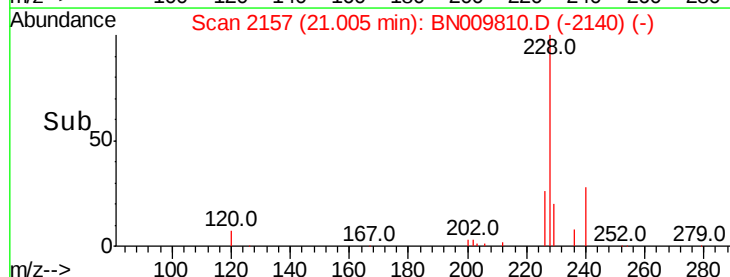
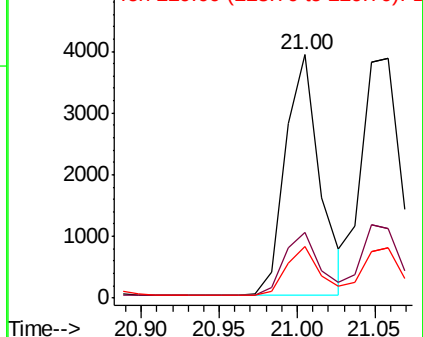
229 21.0 17.1 25.7

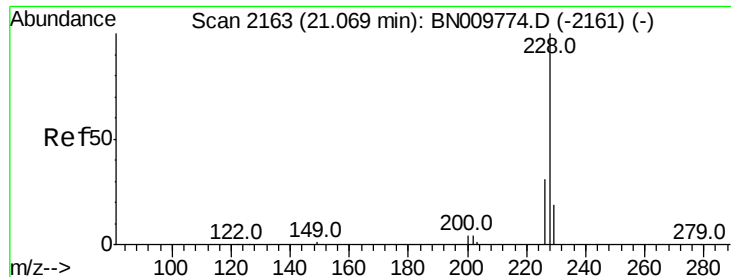


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampled :

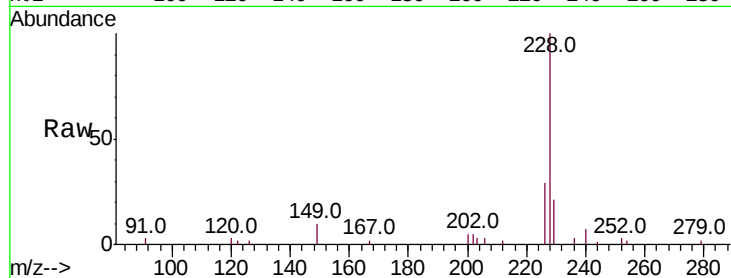
Tot Ion:228 Resp: 7279

Ion Ratio Lower Upper

228 100

226 28.8 24.8 37.2

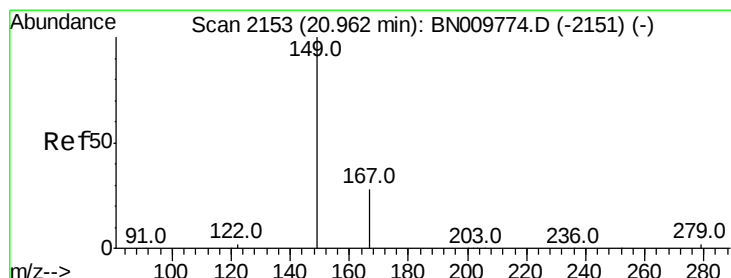
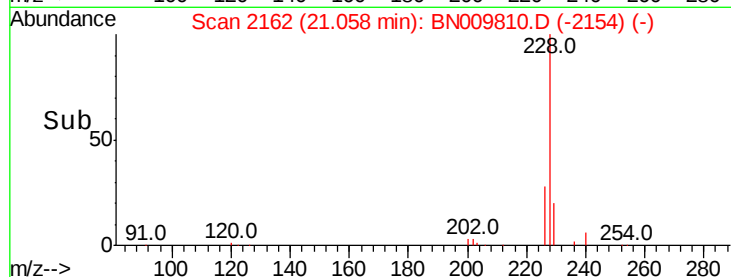
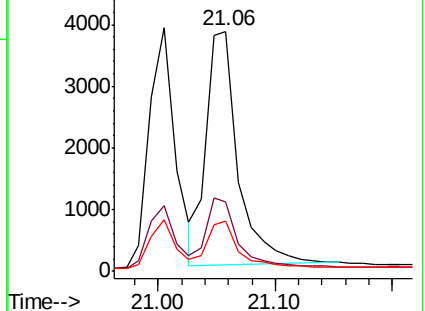
229 20.9 16.4 24.6



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: 0.476 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

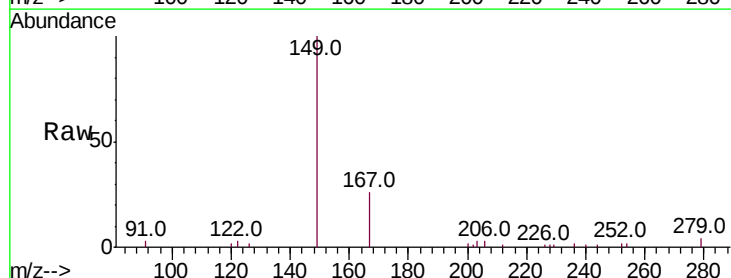
Tgt Ion:149 Resp: 3764

Ion Ratio Lower Upper

149 100

167 26.9 22.7 34.1

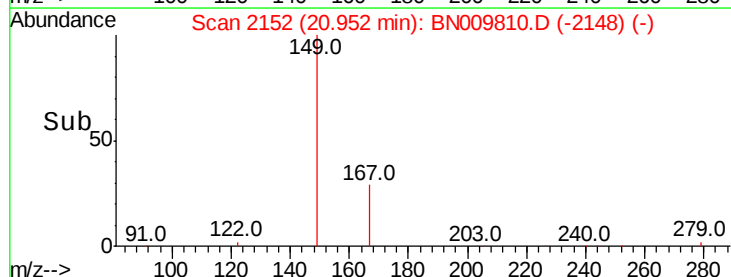
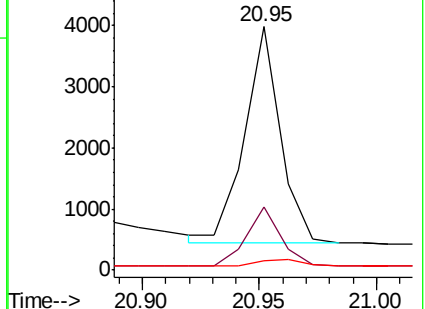
279 3.7 3.1 4.7

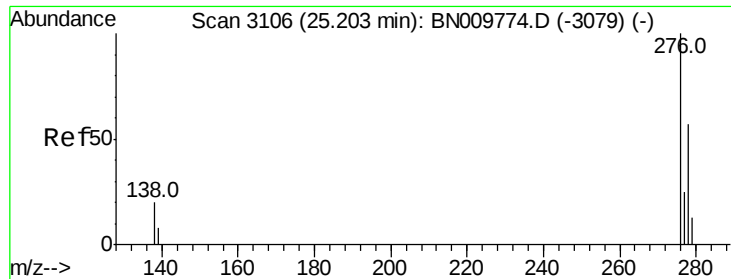


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

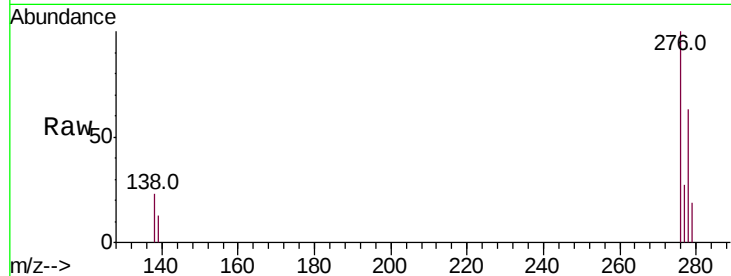




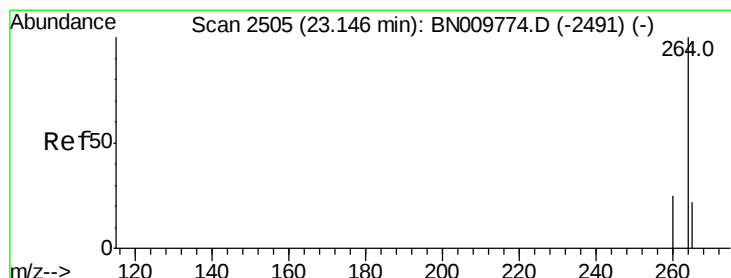
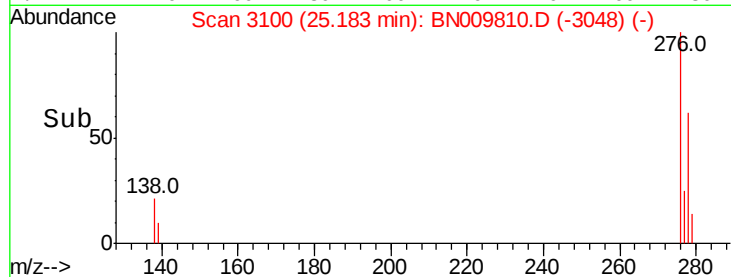
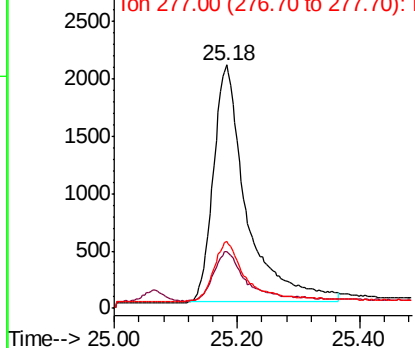
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.397 ng
 RT: 25.18 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BN009810.D
 Acq: 21 Feb 2020 16:39

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 7754
 Ion Ratio Lower Upper
 276 100
 138 21.4 15.8 23.6
 277 23.1 19.3 28.9

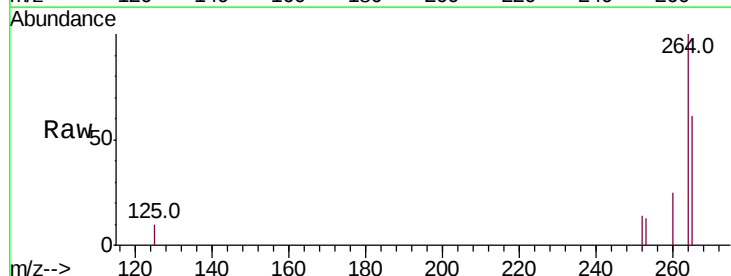


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

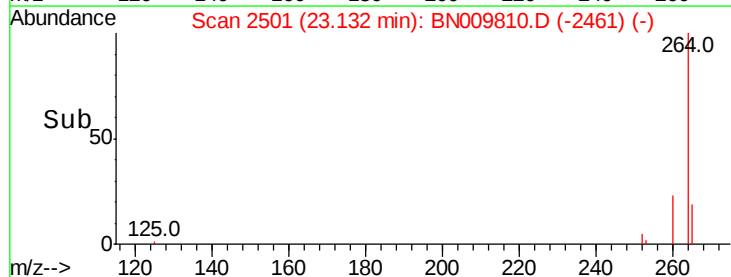
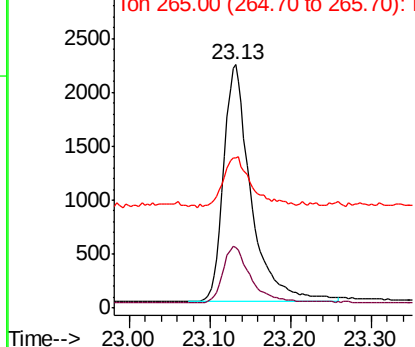


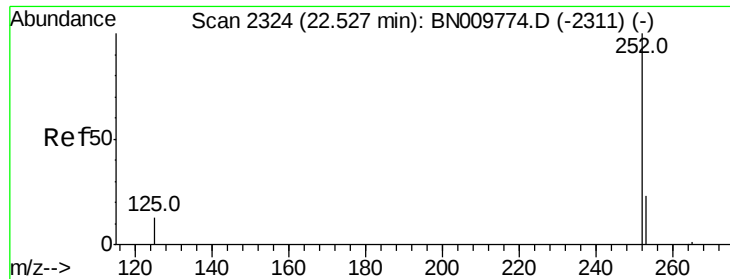
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BN009810.D
 Acq: 21 Feb 2020 16:39

Tgt Ion:264 Resp: 5251
 Ion Ratio Lower Upper
 264 100
 260 24.9 21.1 31.7
 265 61.4 57.5 86.3



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

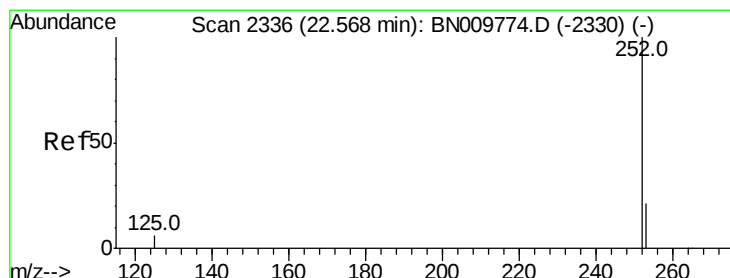
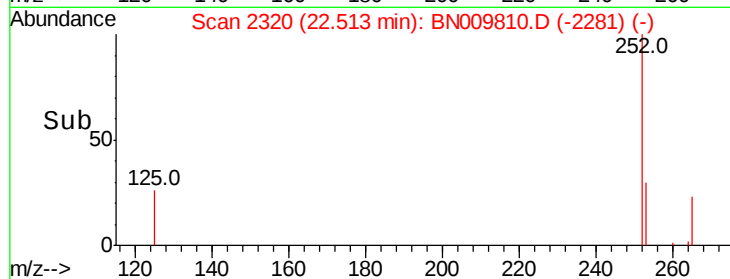
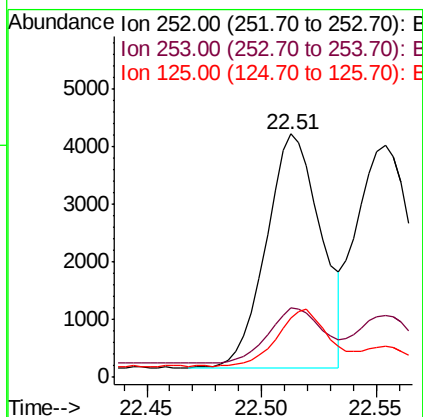
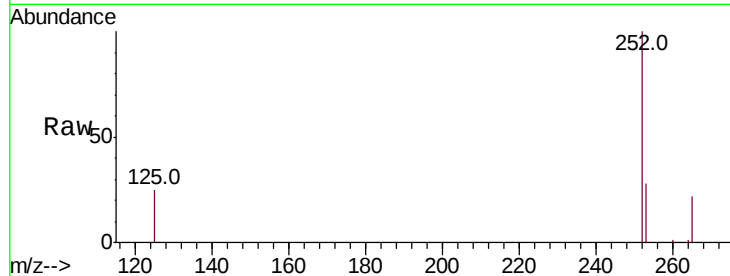




#35
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN009810.D
Acq: 21 Feb 2020 16:39

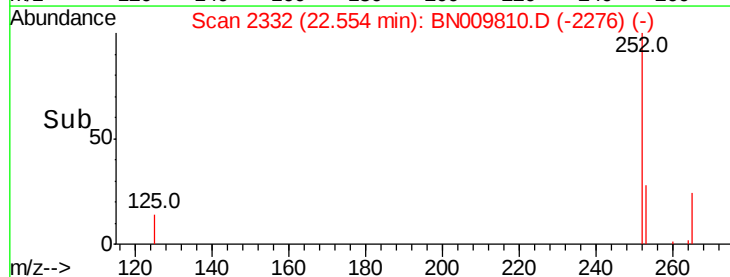
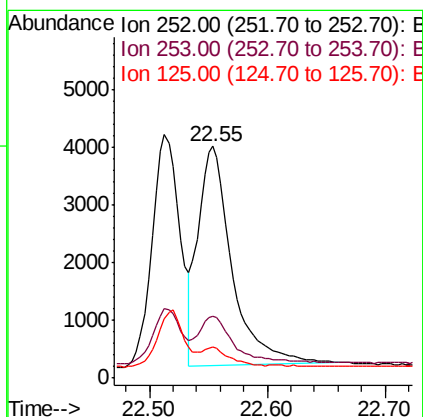
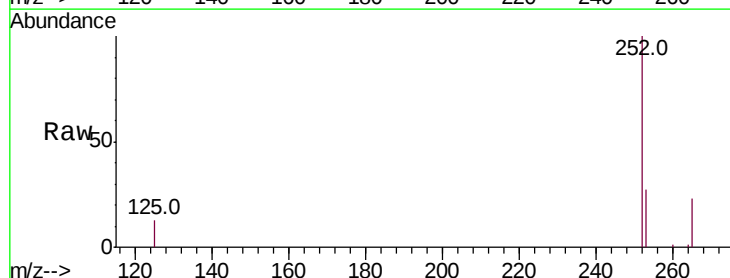
Instrument :
BNA_N
ClientSampleId :

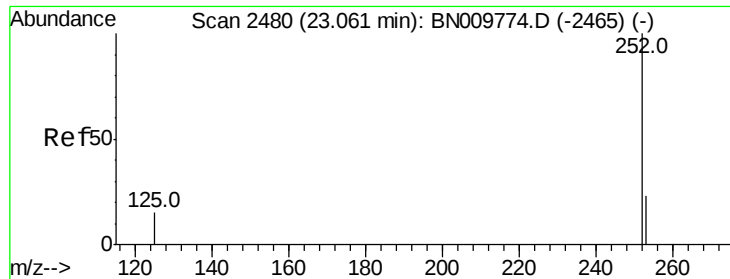
Tot Ion:252 Resp: 6693
Ion Ratio Lower Upper
252 100
253 28.4 23.0 34.6
125 24.5 14.4 21.6#



#36
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 22.55 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN009810.D
Acq: 21 Feb 2020 16:39

Tgt Ion:252 Resp: 7597
Ion Ratio Lower Upper
252 100
253 26.7 22.2 33.2
125 13.3 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.04 min Scan# 2475

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

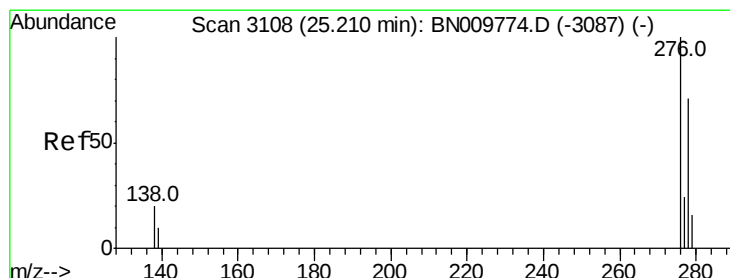
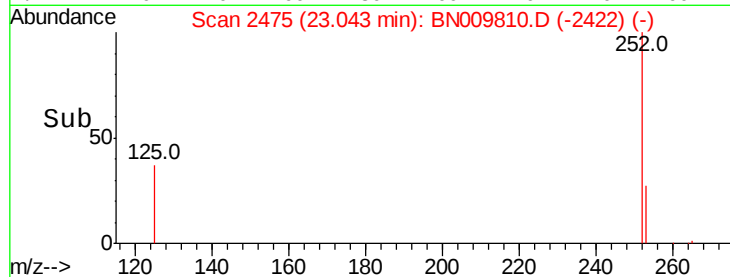
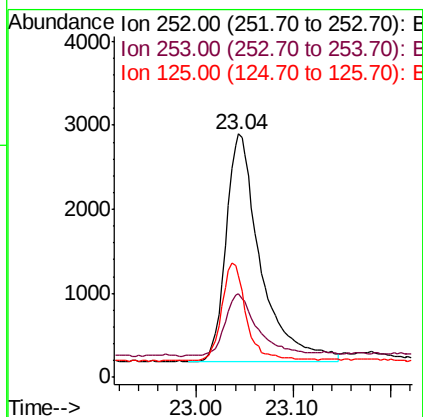
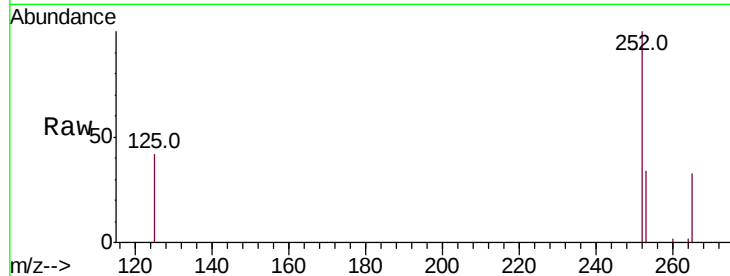
Tot Ion:252 Resp: 6738

Ion Ratio Lower Upper

252 100

253 34.1 25.3 37.9

125 41.8 17.7 26.5#



#38

Dibenzo(a,h)anthracene

Concen: 0.340 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

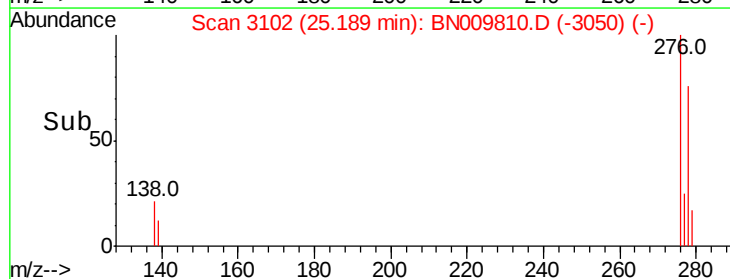
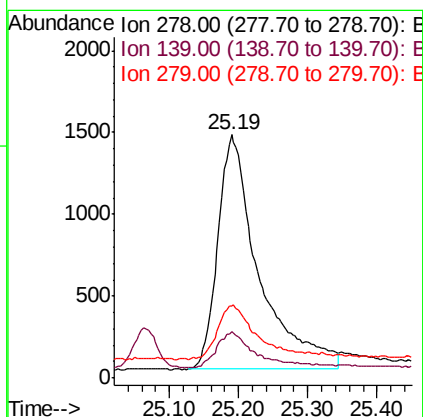
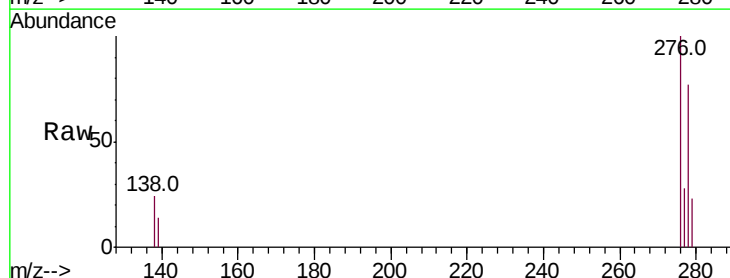
Tgt Ion:278 Resp: 5868

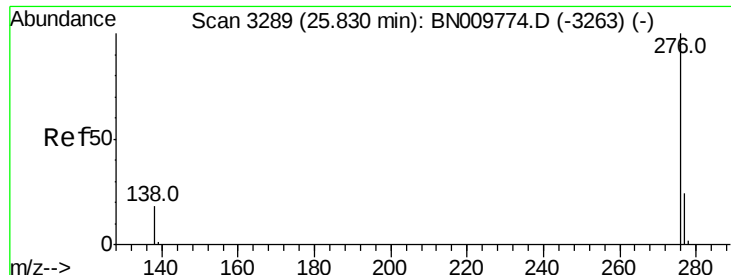
Ion Ratio Lower Upper

278 100

139 18.9 14.5 21.7

279 29.6 24.3 36.5





#39

Benzo(a,h,i)perylene

Concen: 0.372 ng

RT: 25.81 min Scan# 3282

Delta R.T. -0.02 min

Lab File: BN009810.D

Acq: 21 Feb 2020 16:39

Instrument :

BNA_N

ClientSampleId :

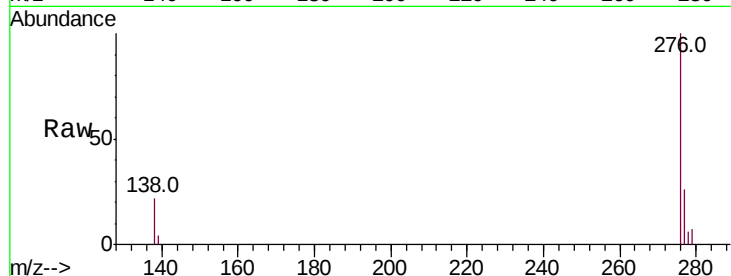
Tot Ion:276 Resp: 6841

Ion Ratio Lower Upper

276 100

277 26.1 21.4 32.0

138 21.8 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

2500 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

