

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009790.D
 Acq On : 20 Feb 2020 22:00
 Operator : CG/JU
 Sample : PB126934BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 02:50:49 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	7.41	152	1652	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5655	0.40	ng	-0.03
13) Acenaphthene-d10	14.04	164	3317	0.40	ng	-0.02
19) Phenanthrene-d10	16.80	188	6190	0.40	ng	-0.01
27) Chrysene-d12	21.03	240	4964	0.40	ng	0.00
34) Perylene-d12	23.13	264	4778	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	722	0.20	ng	-0.02
5) Phenol-d6	6.61	99	561	0.13	ng	-0.03
8) Nitrobenzene-d5	8.57	82	2220	0.47	ng	-0.03
11) 2-Methylnaphthalene-d10	11.76	152	3342	0.31	ng	-0.03
14) 2,4,6-Tribromophenol	15.57	330	485	0.38	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	5918	0.47	ng	-0.03
25) Fluoranthene-d10	18.85	212	6419	0.30	ng	-0.01
29) Terphenyl-d14	19.46	244	10575	0.89	ng	-0.02

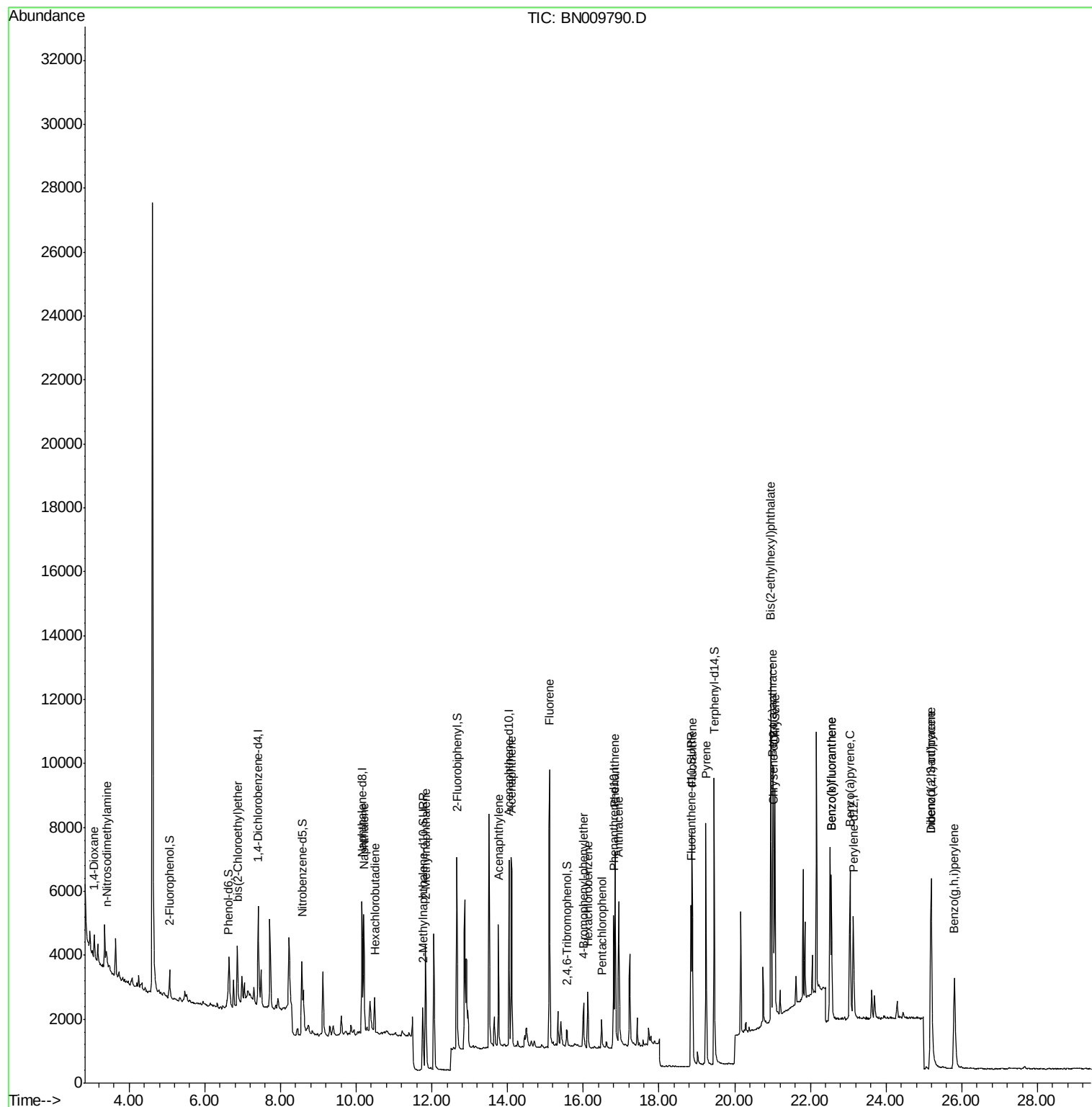
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	250	0.148	ng	# 26
3) n-Nitrosodimethylamine	3.40	42	433	0.156	ng	# 75
6) bis(2-Chloroethyl)ether	6.86	93	1589	0.366	ng	91
9) Naphthalene	10.20	128	5144	0.334	ng	97
10) Hexachlorobutadiene	10.49	225	978	0.288	ng	# 95
12) 2-Methylnaphthalene	11.84	142	3584	0.339	ng	98
16) Acenaphthylene	13.76	152	4904	0.347	ng	100
17) Acenaphthene	14.10	154	3317	0.334	ng	99
18) Fluorene	15.11	166	4188	0.319	ng	97
20) 4-Bromophenyl-phenylether	16.01	248	679	0.068	ng	# 81
21) Hexachlorobenzene	16.12	284	1374	0.357	ng	98
22) Pentachlorophenol	16.48	266	587	0.633	ng	90
23) Phenanthrene	16.84	178	6689	0.363	ng	100
24) Anthracene	16.94	178	5728	0.368	ng	98
26) Fluoranthene	18.88	202	7441	0.337	ng	# 97
28) Pyrene	19.24	202	7550	0.401	ng	99
30) Benzo(a)anthracene	21.01	228	5853	0.355	ng	99
31) Chrysene	21.06	228	6336	0.332	ng	99
32) Bis(2-ethylhexyl)phthalate	20.95	149	8433	1.049	ng	100
33) Indeno(1,2,3-cd)pyrene	25.18	276	7188	0.362	ng	97
35) Benzo(b)fluoranthene	22.56	252	6295	0.360	ng	99
36) Benzo(k)fluoranthene	22.56	252	6295	0.331	ng	# 96
37) Benzo(a)pyrene	23.05	252	5935	0.372	ng	# 77
38) Dibenzo(a,h)anthracene	25.19	278	5962	0.380	ng	# 94
39) Benzo(g,h,i)perylene	25.81	276	6442	0.385	ng	97

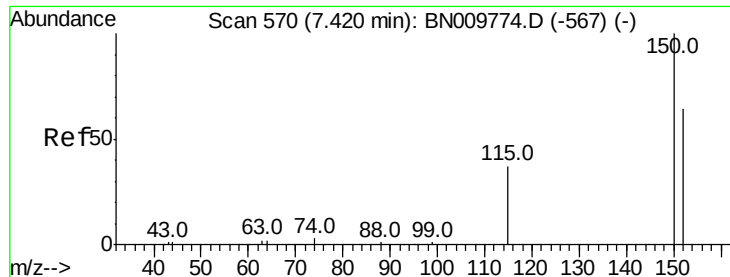
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

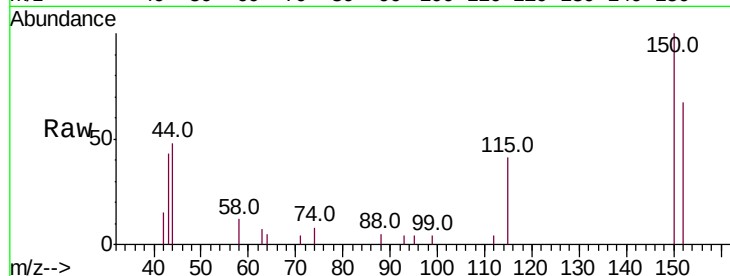
Tot Ion:152 Resp: 1652

Ion Ratio Lower Upper

152 100

150 149.9 120.6 181.0

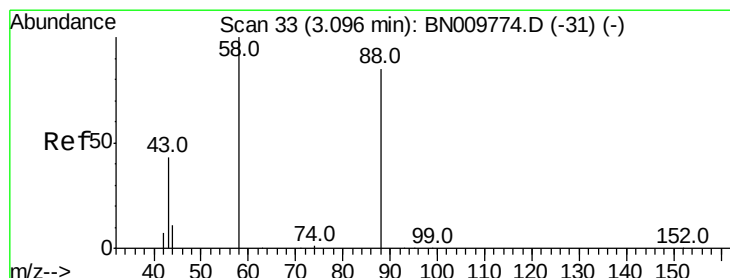
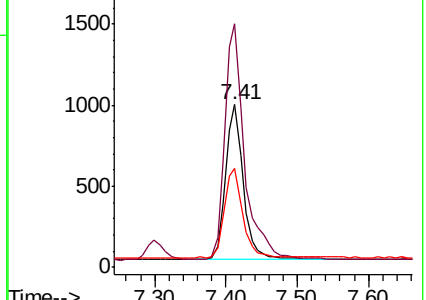
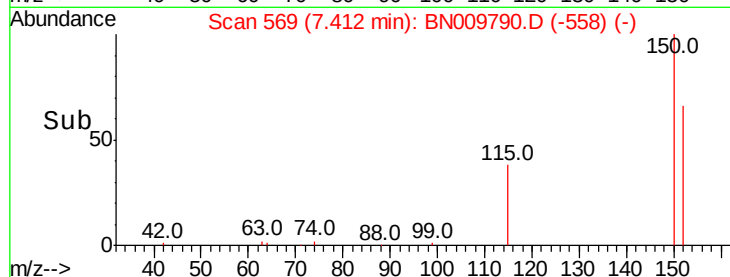
115 61.0 51.2 76.8



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: 0.148 ng

RT: 3.09 min Scan# 32

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

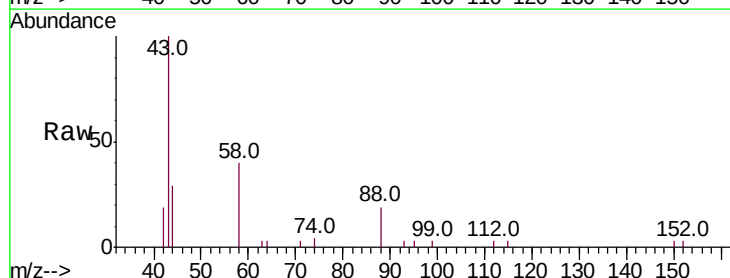
Tgt Ion: 88 Resp: 250

Ion Ratio Lower Upper

88 100

58 153.6 97.8 146.8#

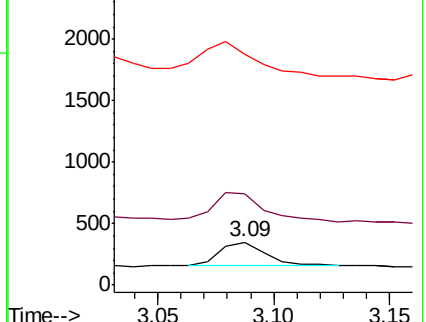
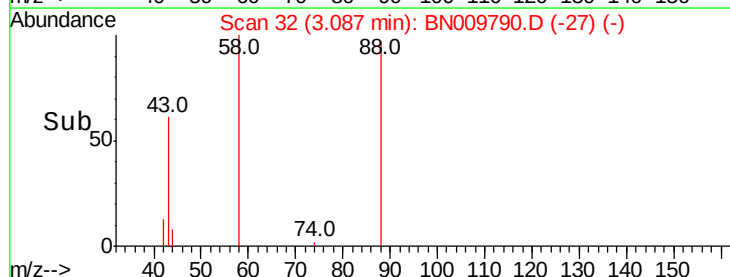
43 183.2 45.1 67.7#

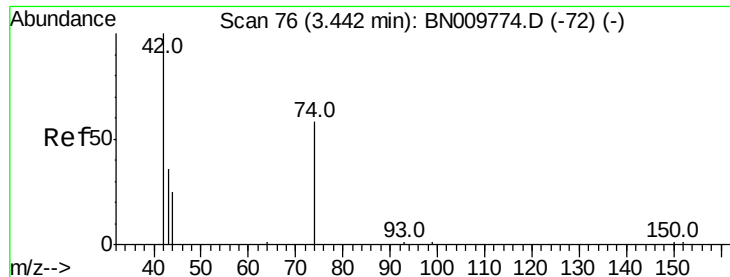


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.156 ng

RT: 3.40 min Scan# 71

Delta R.T. -0.04 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

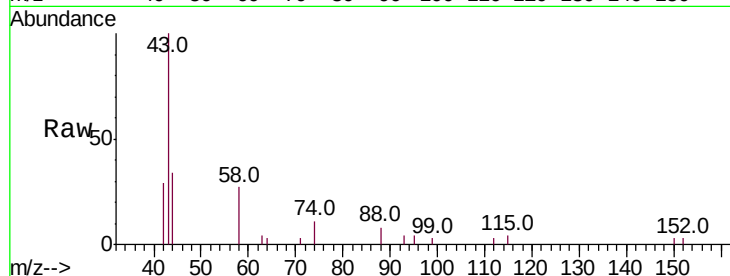
Tot Ion: 42 Resp: 433

Ion Ratio Lower Upper

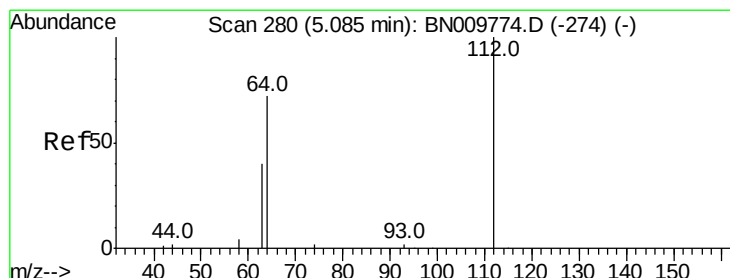
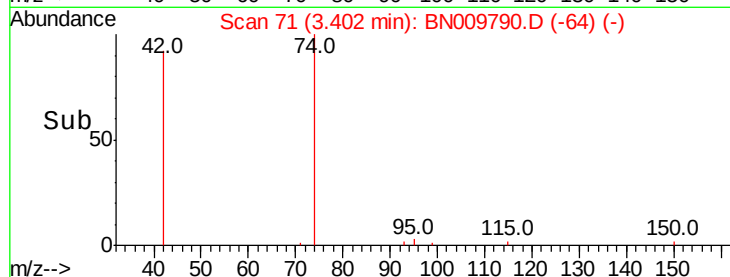
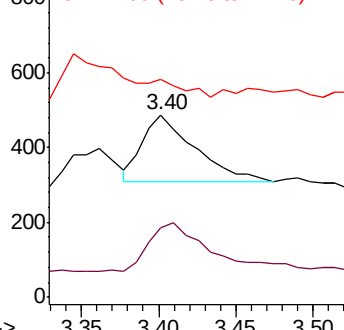
42 100

74 84.5 51.2 76.8#

44 0.0 2.6 4.0#



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



#4

2-Fluorophenol

Concen: 0.197 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

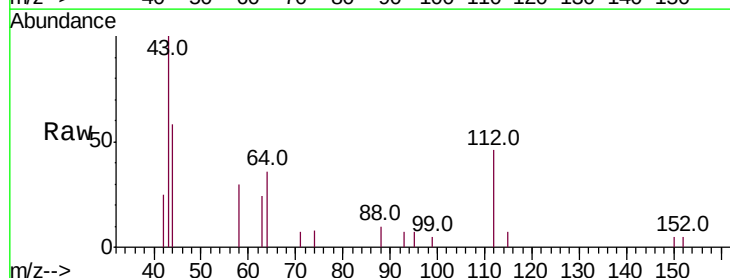
Tgt Ion: 112 Resp: 722

Ion Ratio Lower Upper

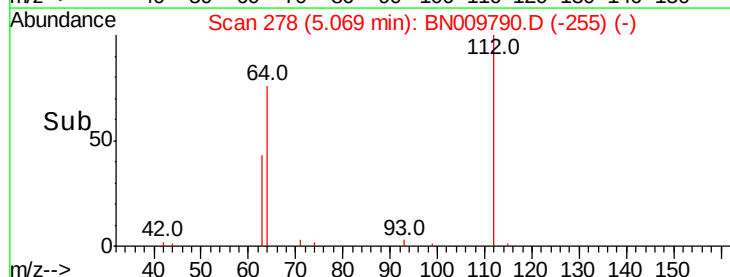
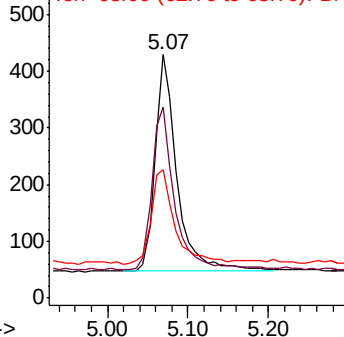
112 100

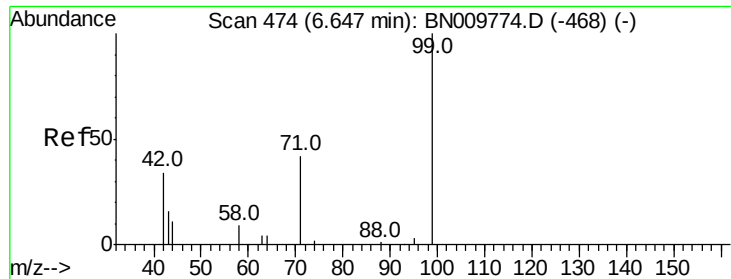
64 77.6 65.8 98.6

63 46.7 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.126 ng

RT: 6.61 min Scan# 470

Delta R.T. -0.03 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

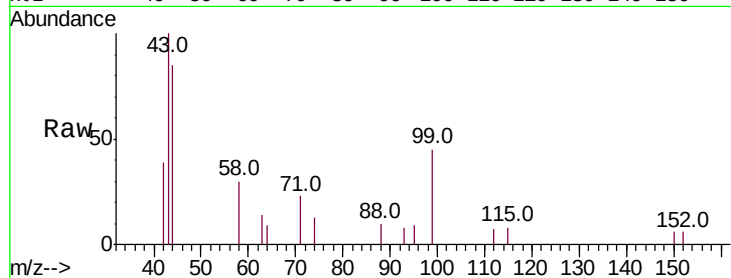
Tot Ion: 99 Resp: 561

Ion Ratio Lower Upper

99 100

42 0.0 30.8 46.2#

71 43.1 34.9 52.3



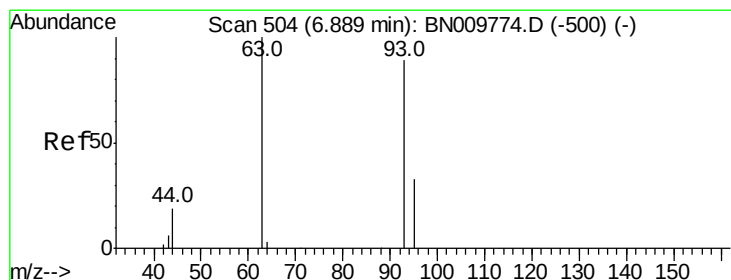
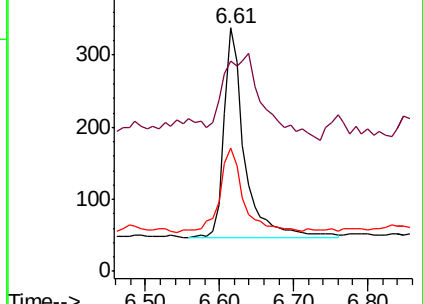
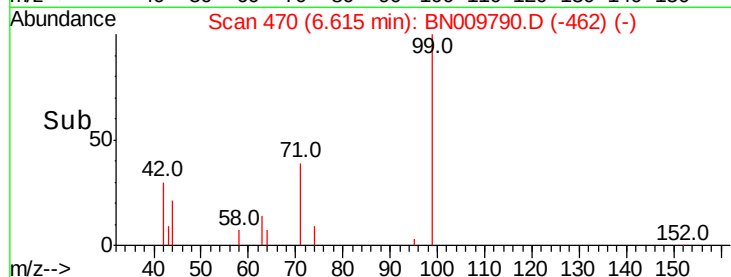
Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009774.D (-468) (-)

Ion 71.00 (70.70 to 71.70): BN009774.D (-468) (-)

6.61

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

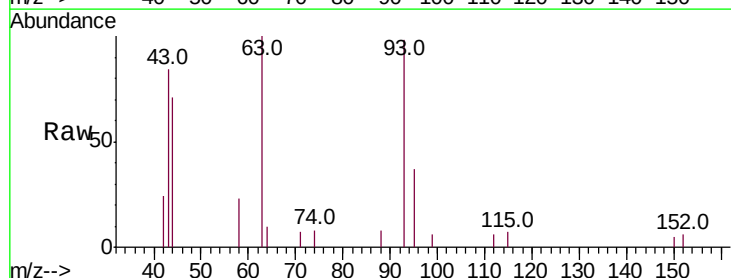
Tgt Ion: 93 Resp: 1589

Ion Ratio Lower Upper

93 100

63 102.4 74.0 111.0

95 31.0 26.7 40.1



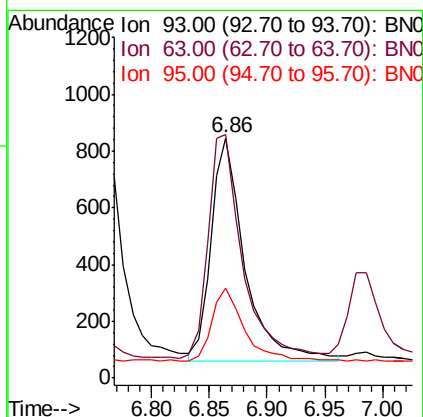
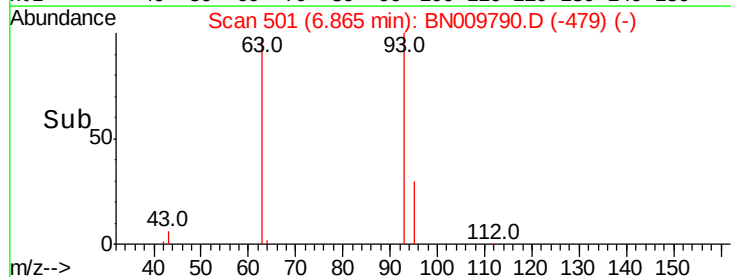
Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

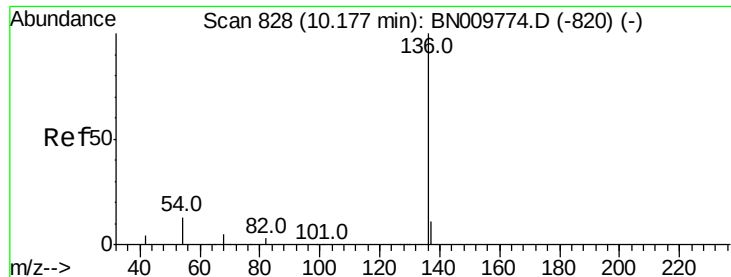
Ion 63.00 (62.70 to 63.70): BN009774.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN009774.D (-500) (-)

6.86

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 5655

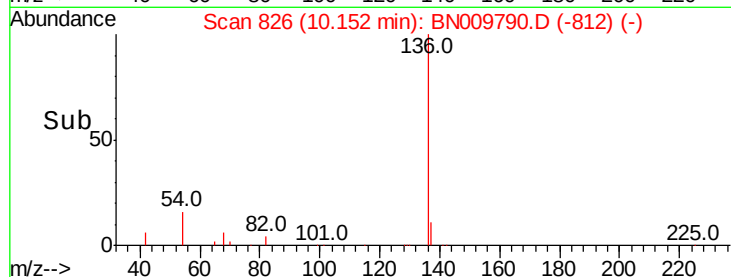
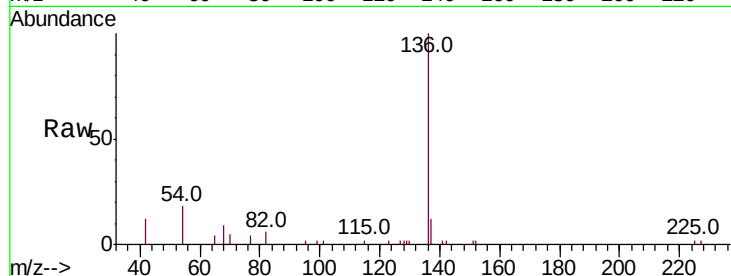
Ion Ratio Lower Upper

136 100

137 12.4 11.3 16.9

54 18.3 13.4 20.2

68 8.6 7.0 10.4

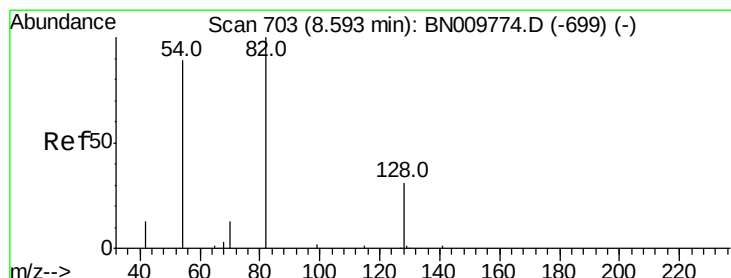
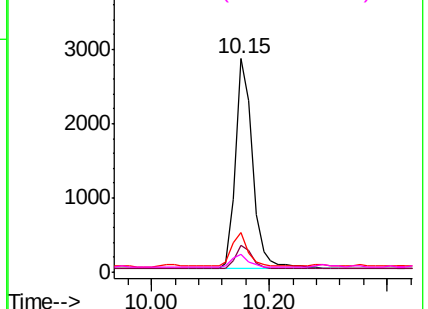


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.472 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

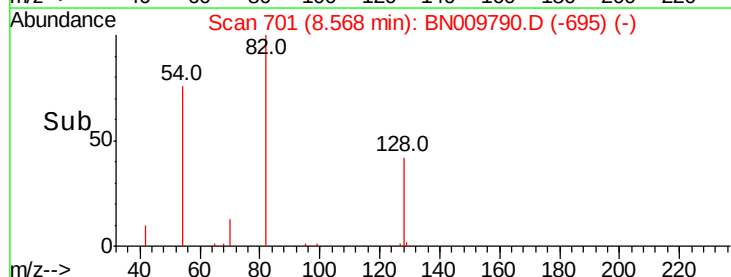
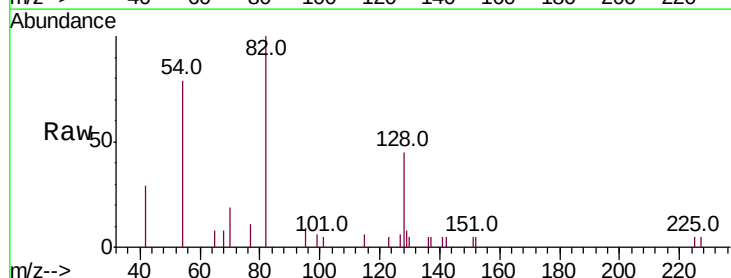
Tgt Ion: 82 Resp: 2220

Ion Ratio Lower Upper

82 100

128 44.8 32.5 48.7

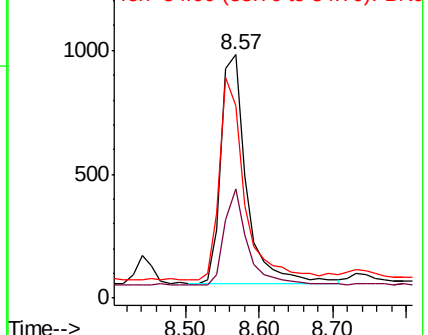
54 79.0 73.5 110.3

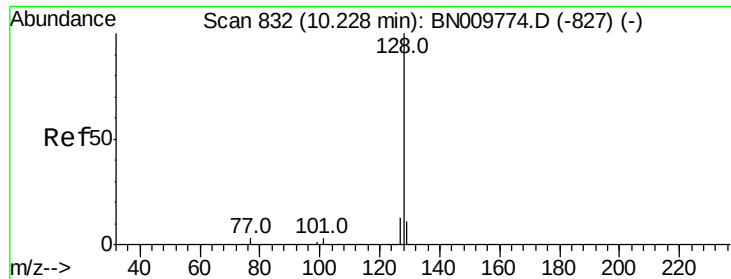


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.334 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

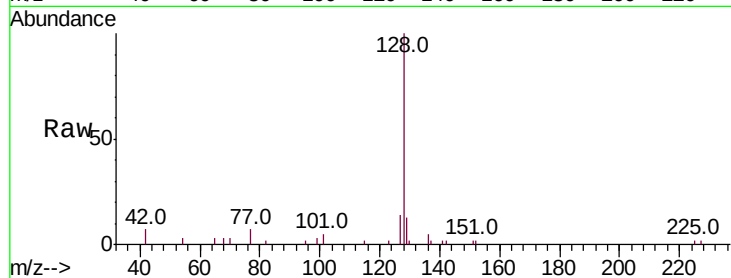
Tot Ion:128 Resp: 5144

Ion Ratio Lower Upper

128 100

129 12.6 11.1 16.7

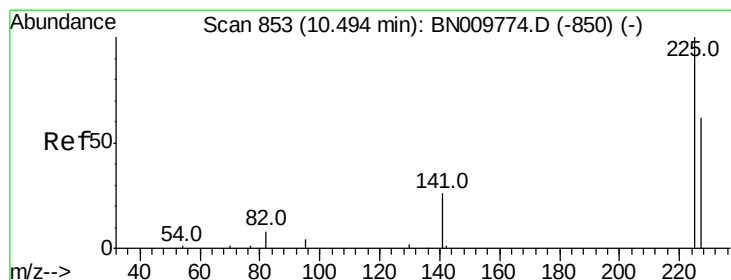
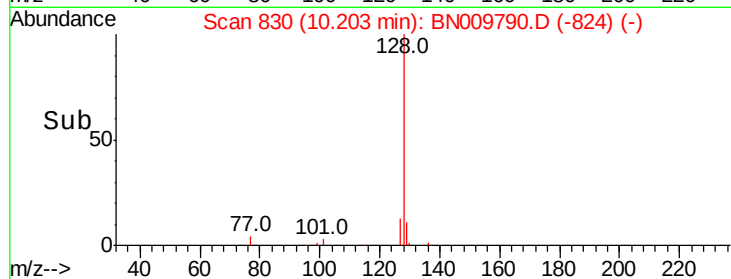
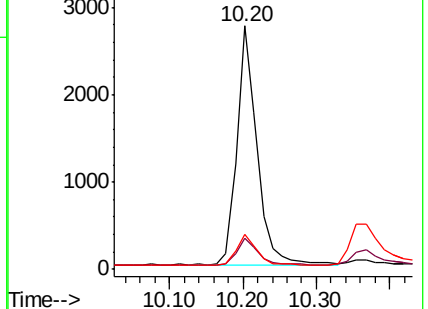
127 14.4 12.6 19.0



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: 0.288 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

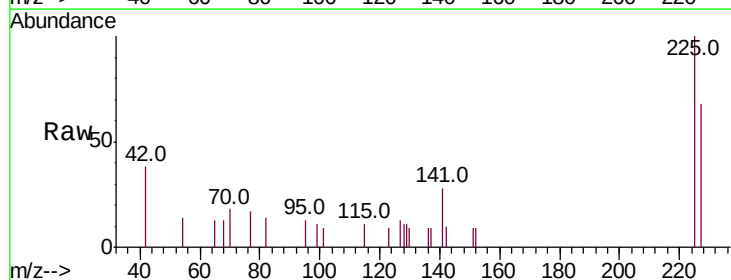
Tgt Ion:225 Resp: 978

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

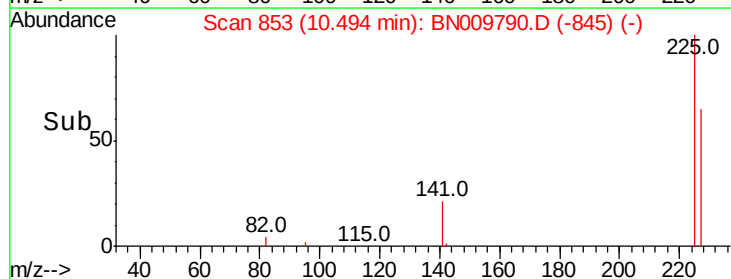
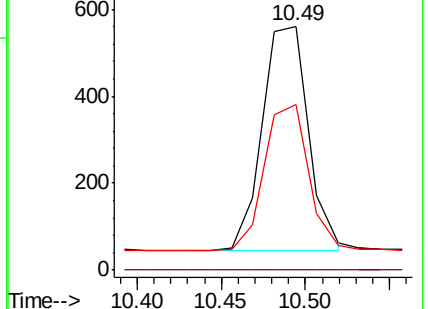
227 62.6 53.4 80.2

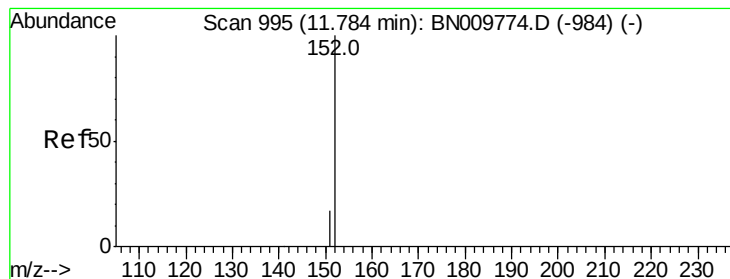


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.03 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

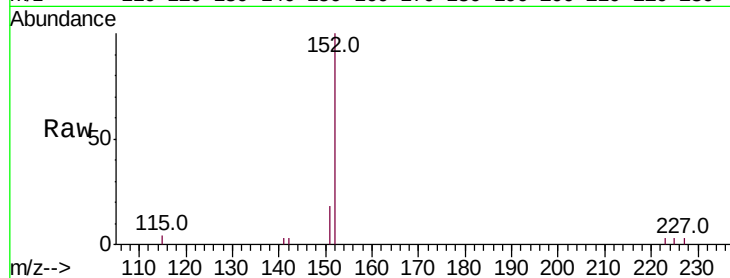
ClientSampleId :

Tot Ion:152 Resp: 3342

Ion Ratio Lower Upper

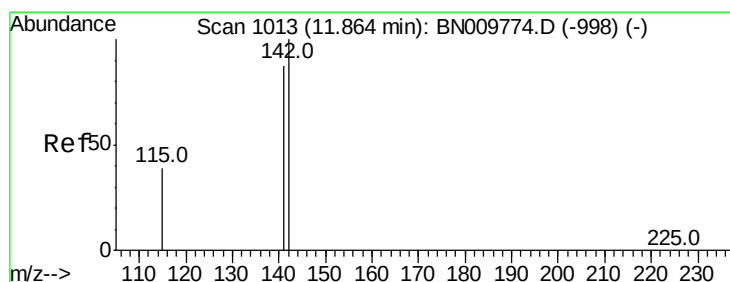
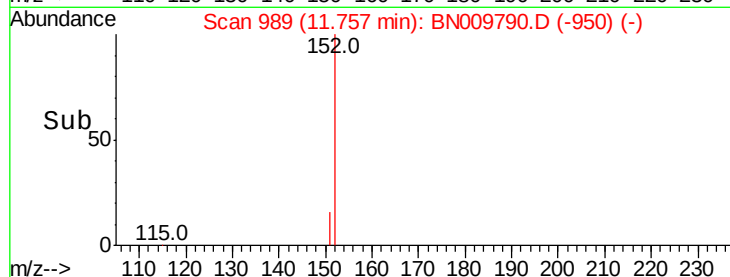
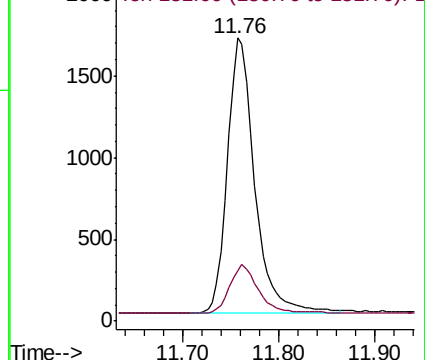
152 100

151 18.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.339 ng

RT: 11.84 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

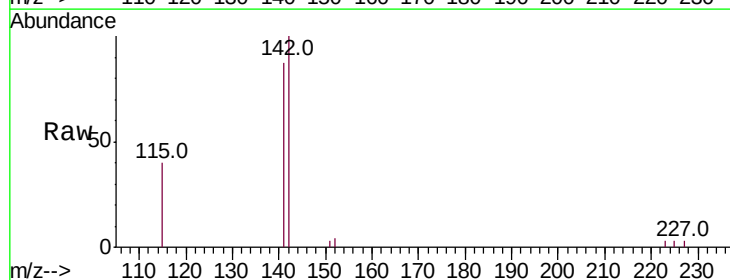
Tgt Ion:142 Resp: 3584

Ion Ratio Lower Upper

142 100

141 86.5 69.8 104.6

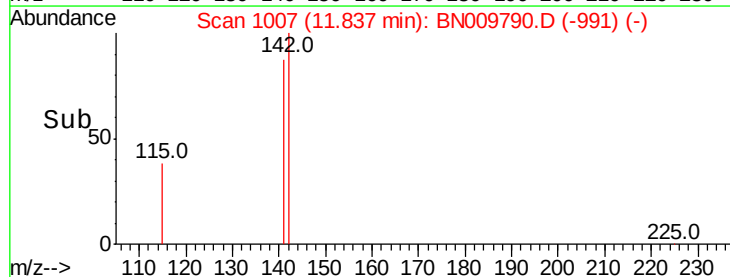
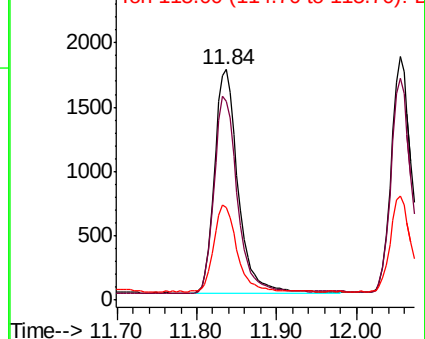
115 40.4 34.6 52.0

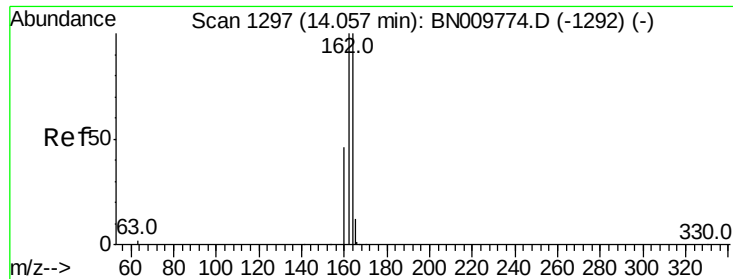


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

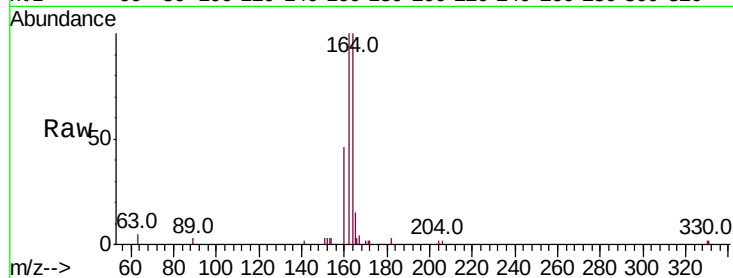
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 3317

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.9	119.9
160	45.9	38.2	57.2

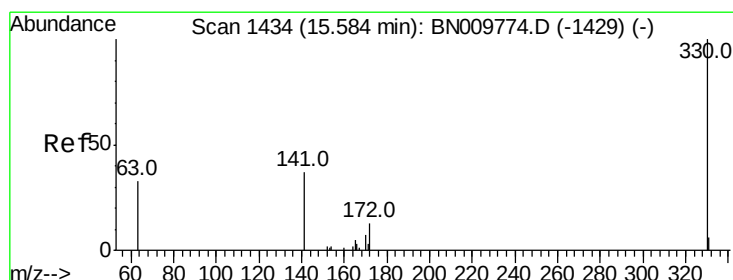
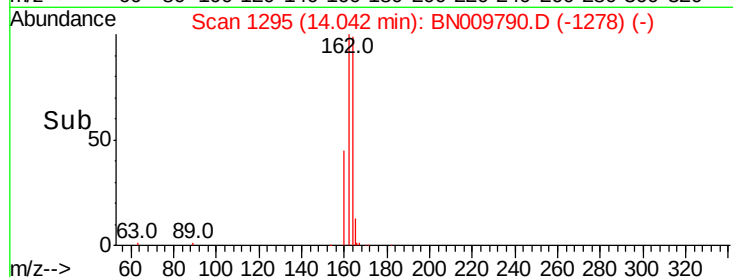
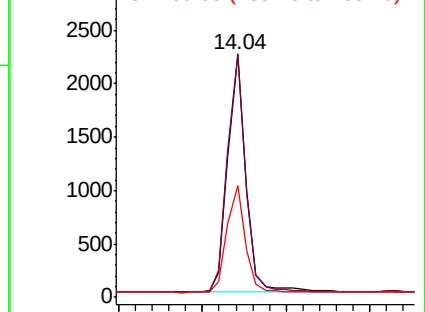


Abundance

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: 0.380 ng

RT: 15.57 min Scan# 1432

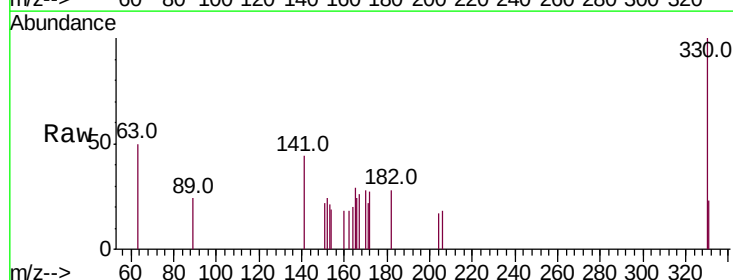
Delta R.T. -0.02 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Tgt Ion:330 Resp: 485

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.1	36.8	55.2

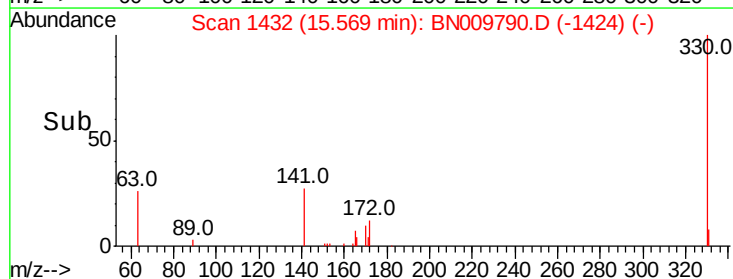
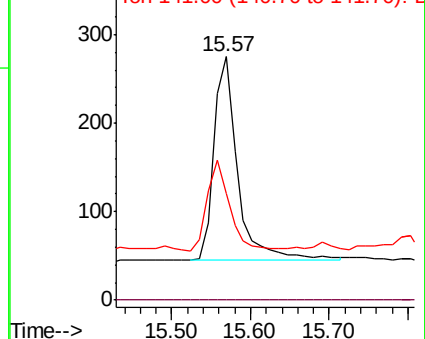


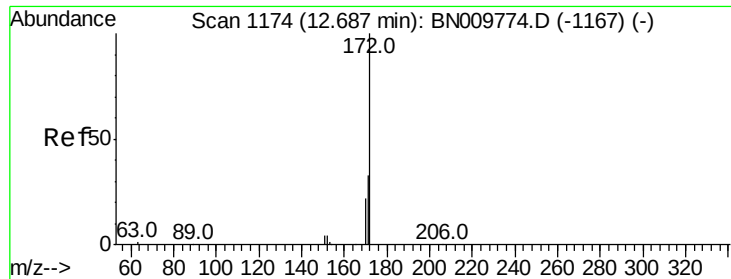
Abundance

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

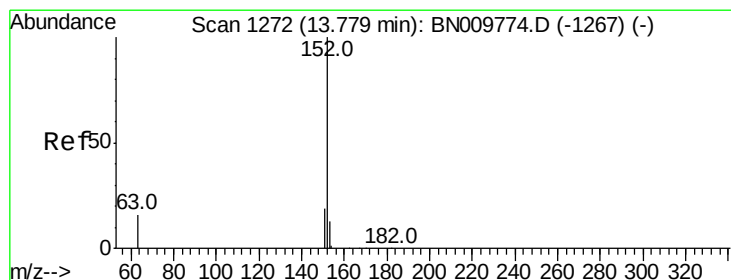
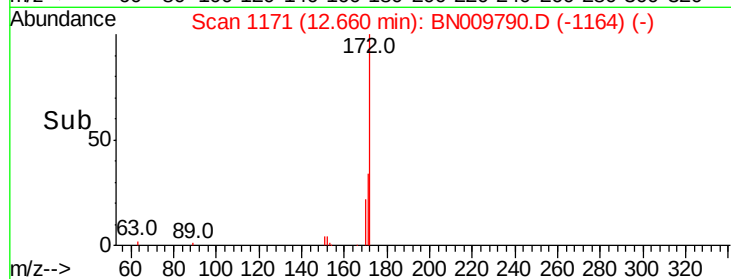
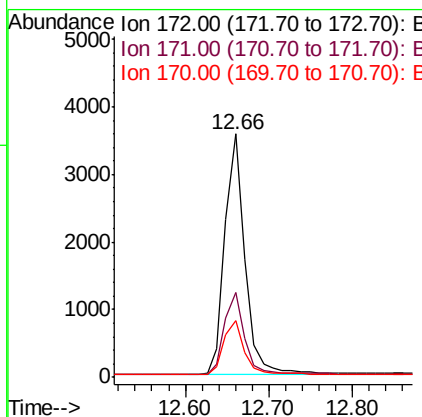
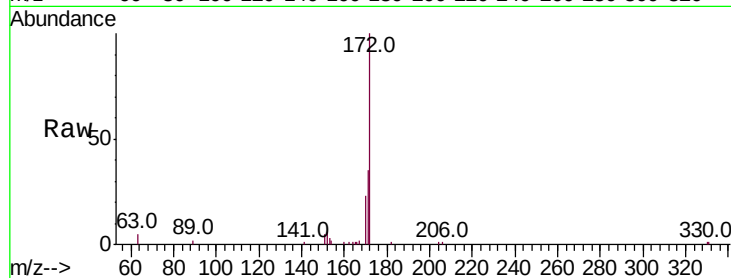




#15
2-Fluorobiphenyl
Concen: 0.473 ng
RT: 12.66 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BN009790.D
Acq: 20 Feb 2020 22:00

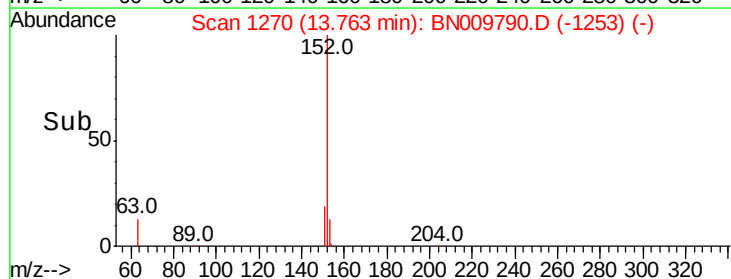
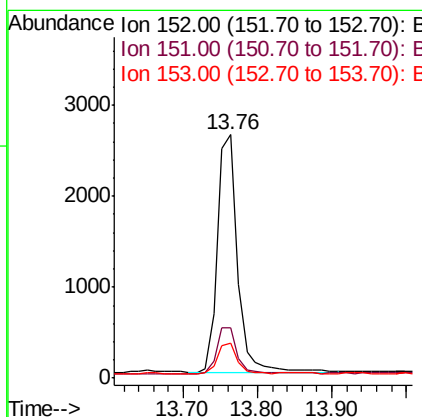
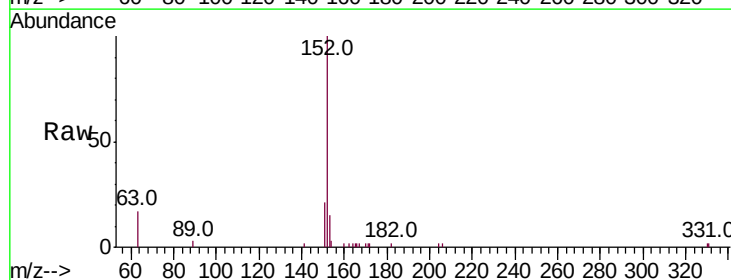
Instrument :
BNA_N
ClientSampled :

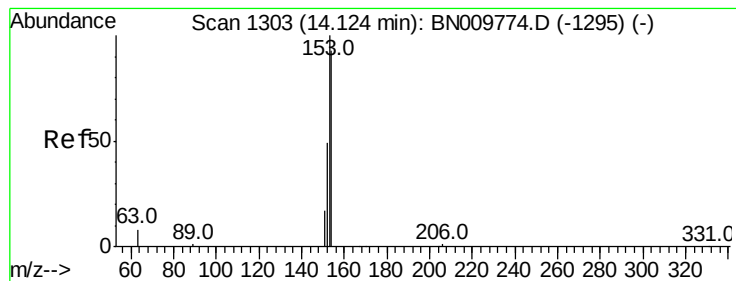
Tot Ion:172 Resp: 5918
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.1 20.1 30.1



#16
Acenaphthylene
Concen: 0.347 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009790.D
Acq: 20 Feb 2020 22:00

Tgt Ion:152 Resp: 4904
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 0.334 ng

RT: 14.10 min Scan# 1300

Delta R.T. -0.03 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

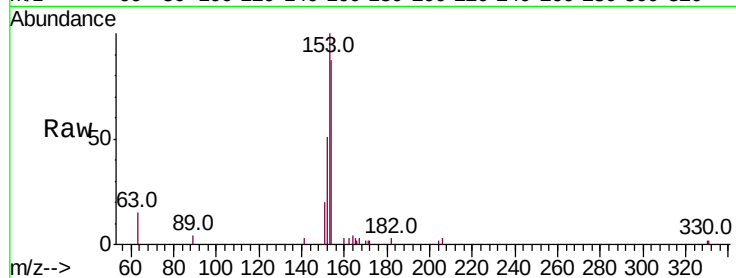
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 3317

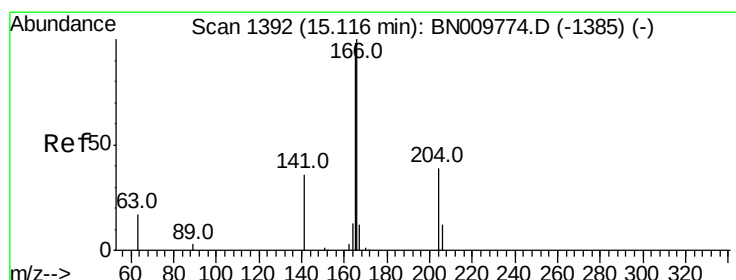
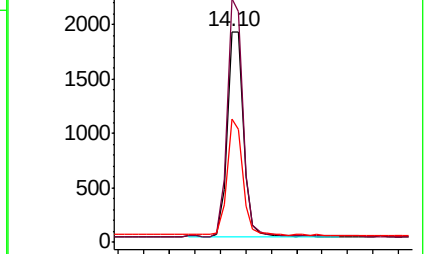
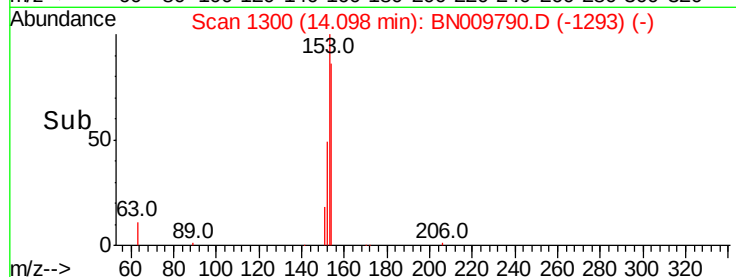
Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.9	133.3
152	54.7	44.2	66.2



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: 0.319 ng

RT: 15.11 min Scan# 1391

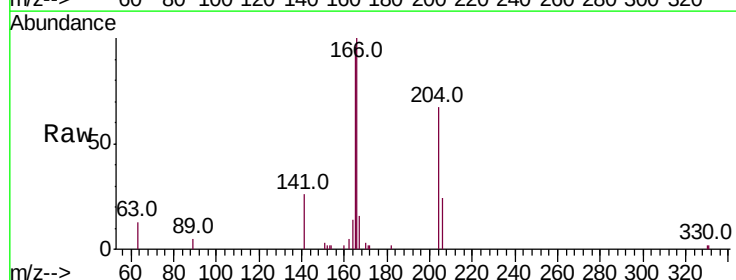
Delta R.T. -0.00 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Tgt Ion:166 Resp: 4188

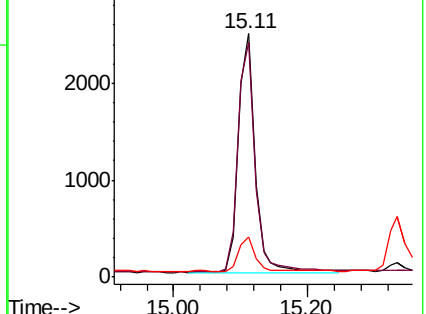
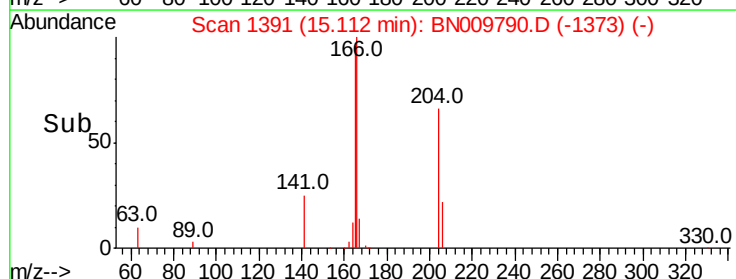
Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.2	115.8
167	15.2	10.5	15.7

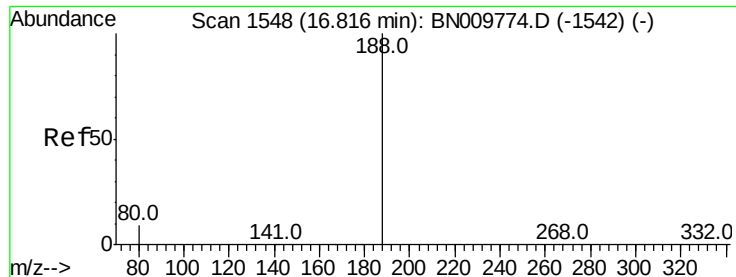


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.80 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

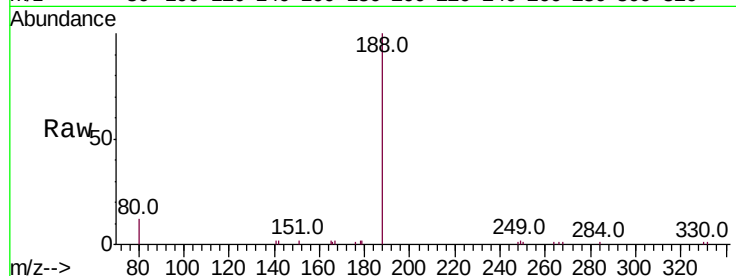
Tot Ion:188 Resp: 6190

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

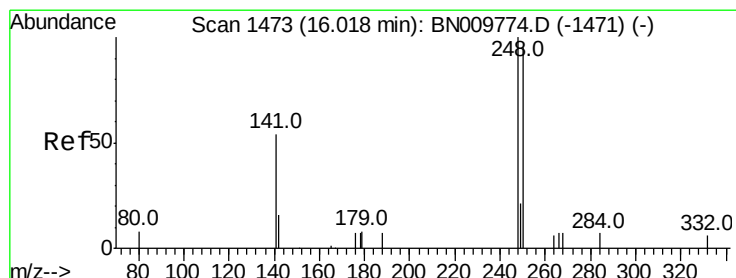
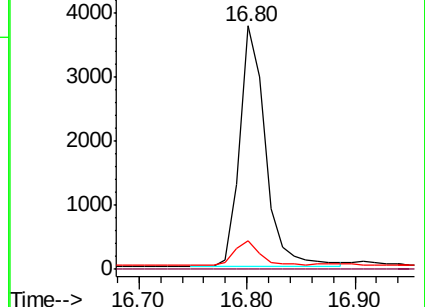
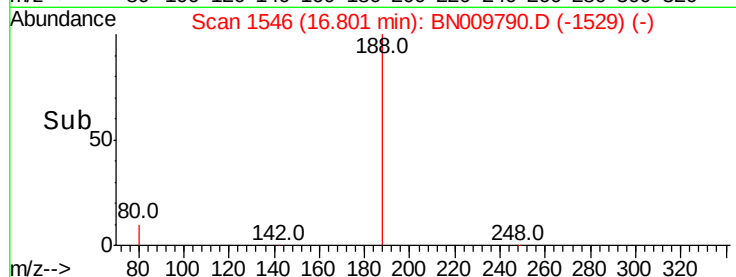
80 11.6 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.068 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

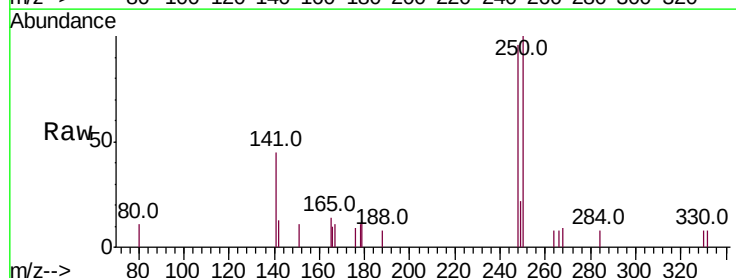
Tgt Ion:248 Resp: 679

Ion Ratio Lower Upper

248 100

250 104.2 76.2 114.4

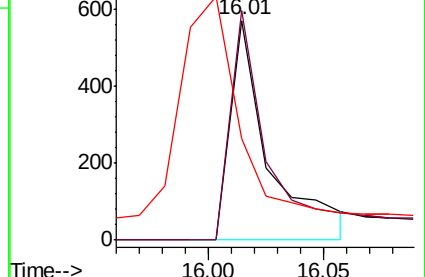
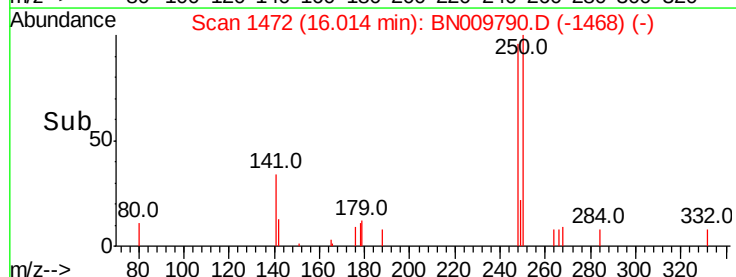
141 46.4 57.8 86.6#

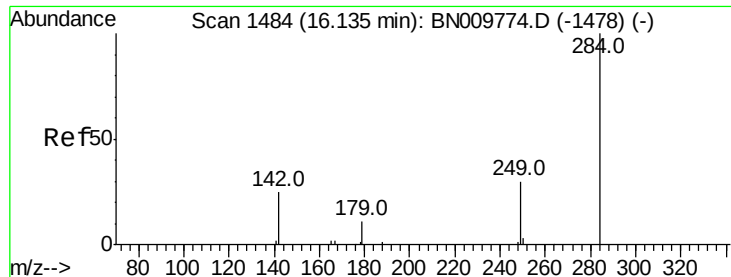


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.357 ng

RT: 16.12 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

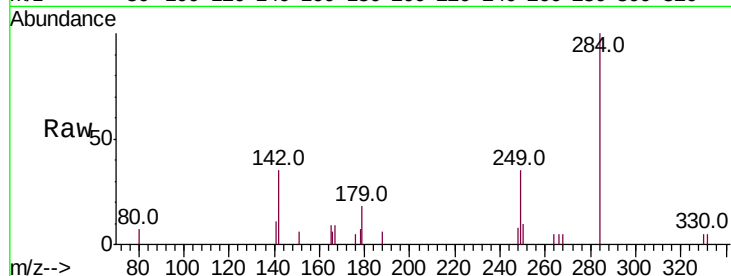
Tot Ion:284 Resp: 1374

Ion Ratio Lower Upper

284 100

142 40.0 33.3 49.9

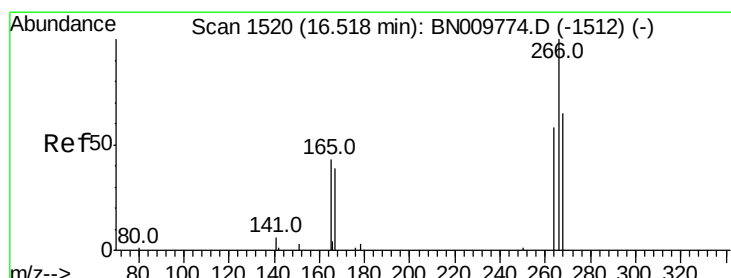
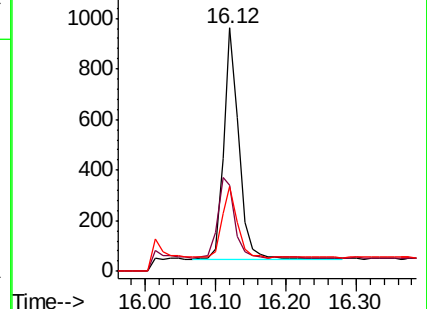
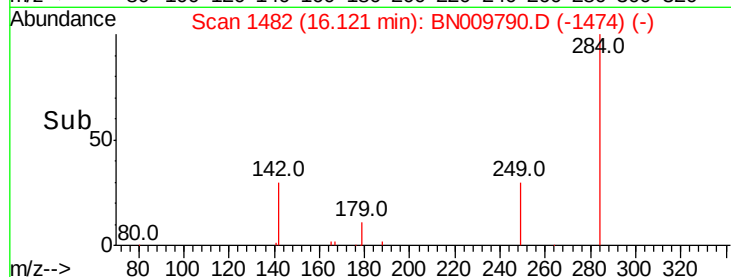
249 31.1 25.7 38.5



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: 0.633 ng

RT: 16.48 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

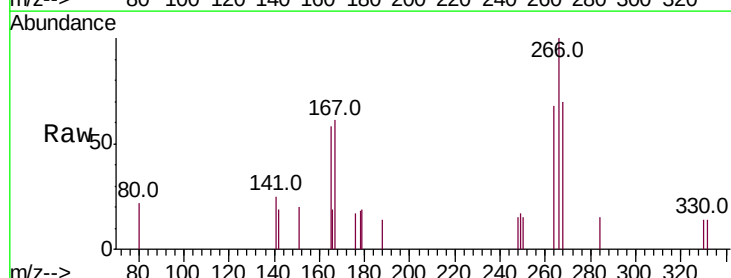
Tgt Ion:266 Resp: 587

Ion Ratio Lower Upper

266 100

264 68.1 58.1 87.1

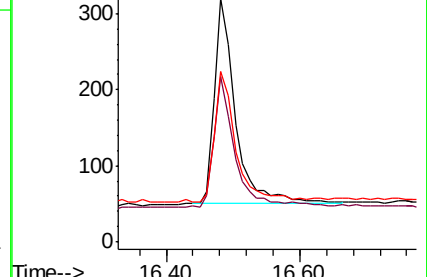
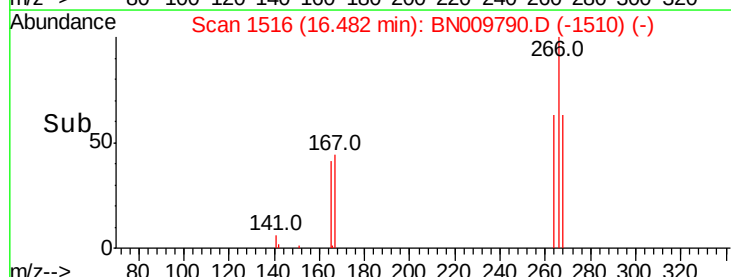
268 70.0 65.7 98.5

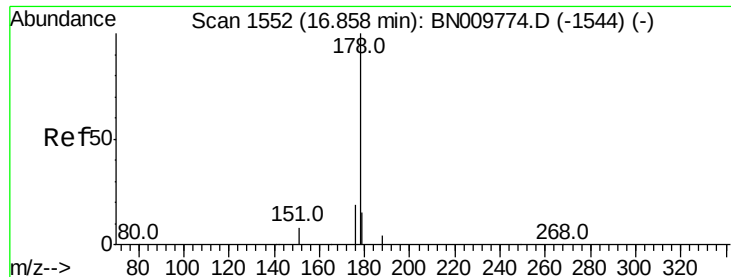


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.363 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

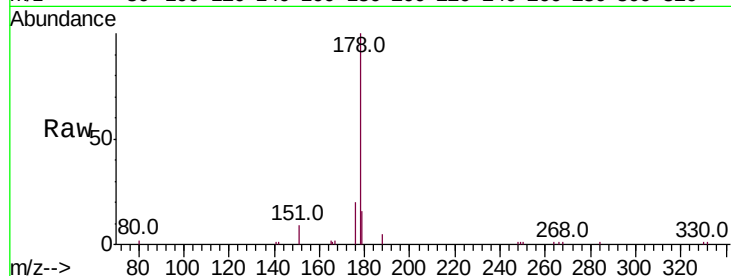
Tot Ion:178 Resp: 6689

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

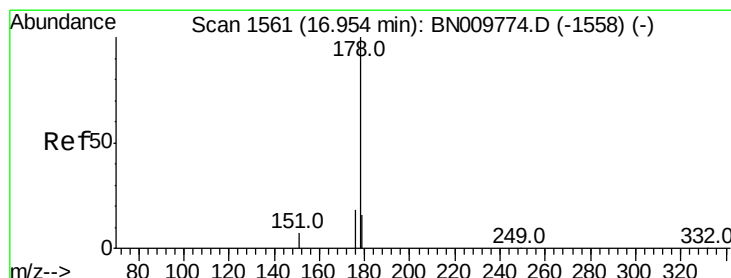
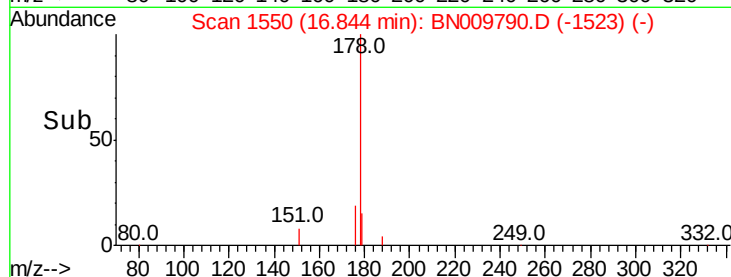
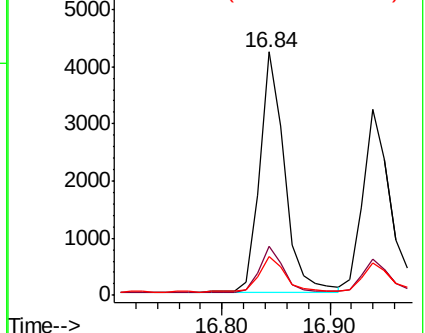
179 15.4 12.4 18.6



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: 0.368 ng

RT: 16.94 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

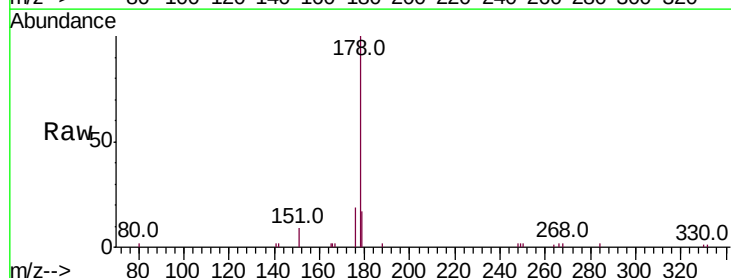
Tgt Ion:178 Resp: 5728

Ion Ratio Lower Upper

178 100

176 17.8 14.3 21.5

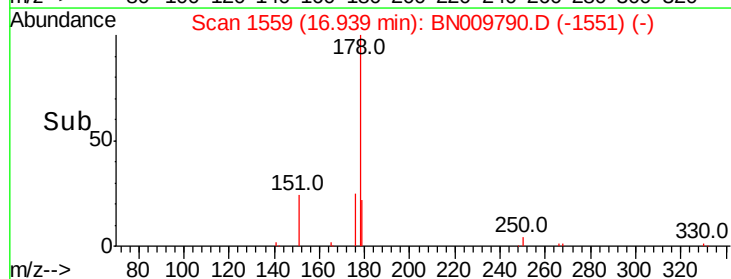
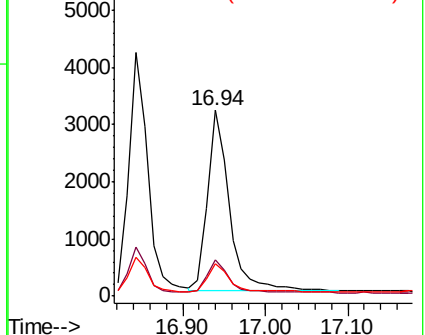
179 14.3 12.4 18.6

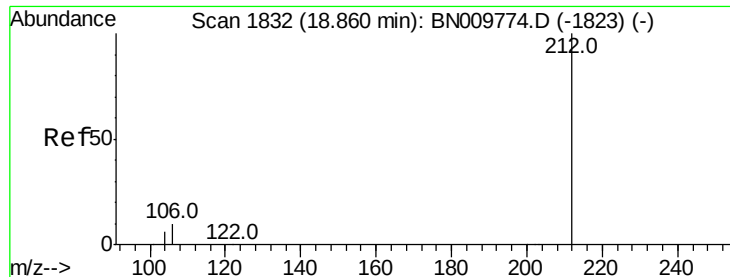


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.300 ng

RT: 18.85 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

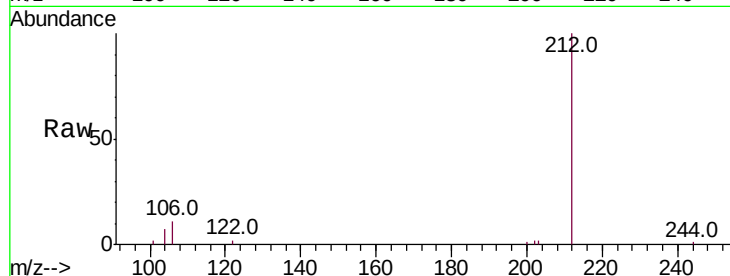
Tot Ion:212 Resp: 6419

Ion Ratio Lower Upper

212 100

106 11.5 8.4 12.6

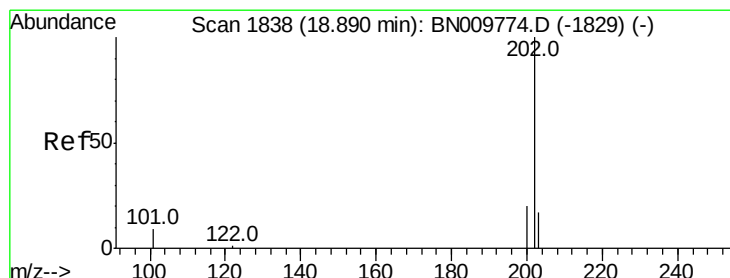
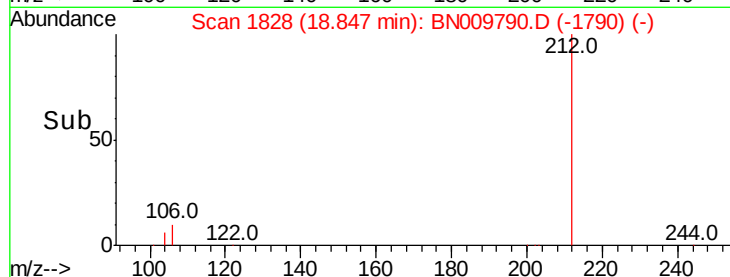
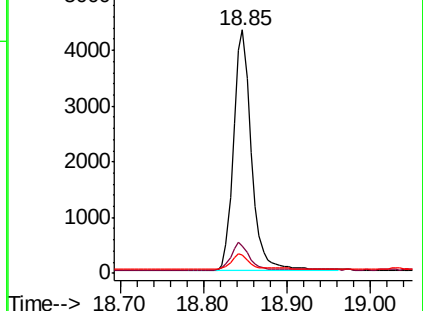
104 6.3 4.8 7.2



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: 0.337 ng

RT: 18.88 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

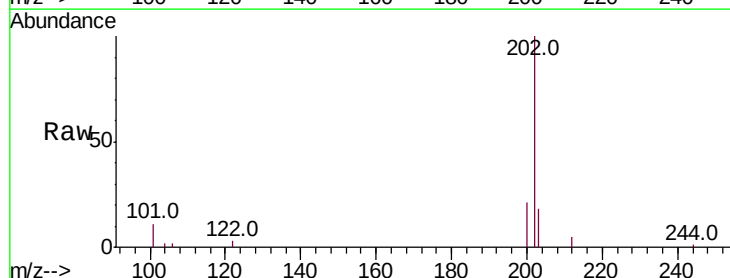
Tgt Ion:202 Resp: 7441

Ion Ratio Lower Upper

202 100

101 11.6 7.1 10.7#

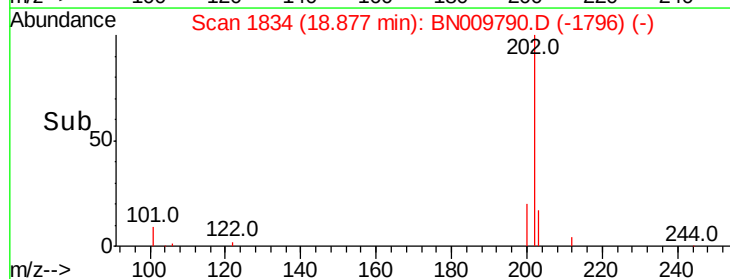
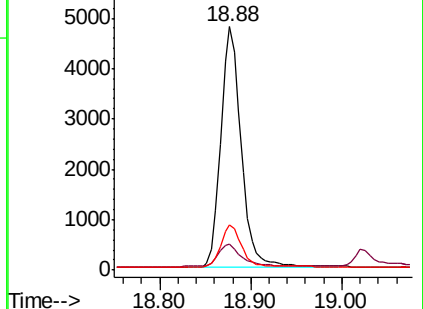
203 17.3 13.8 20.6

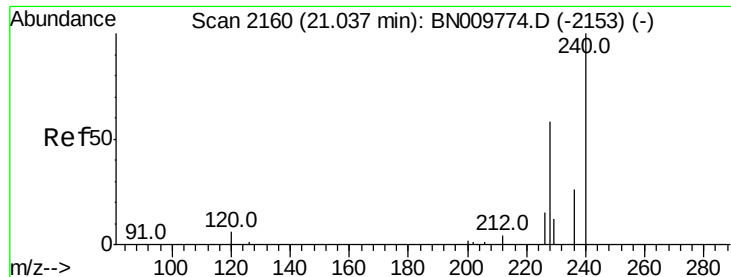


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

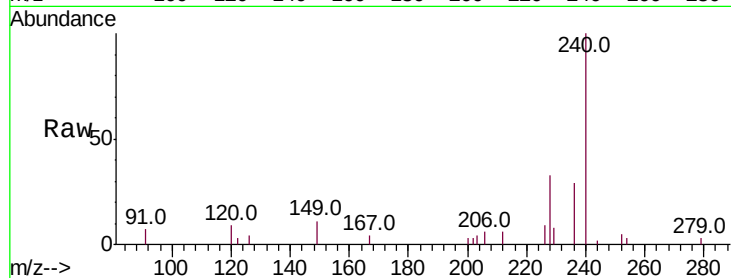




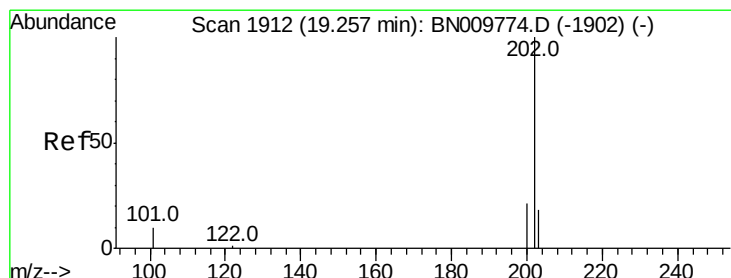
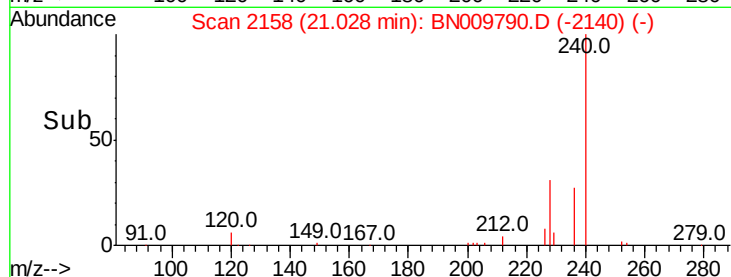
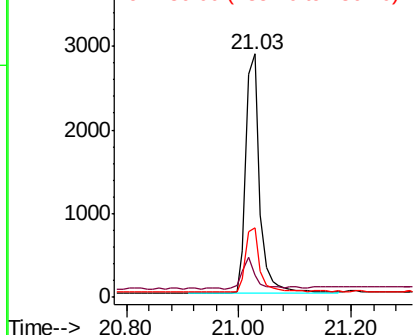
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BN009790.D
Acq: 20 Feb 2020 22:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 4964
Ion Ratio Lower Upper
240 100
120 9.4 7.9 11.9
236 28.5 22.0 33.0

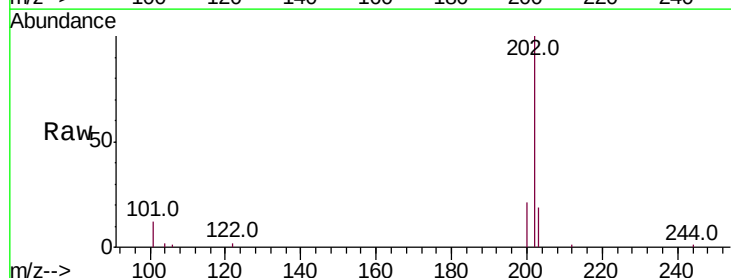


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

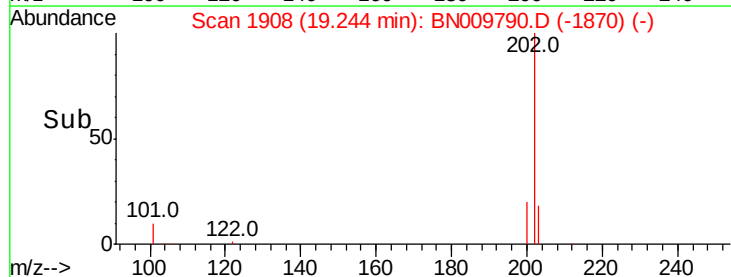
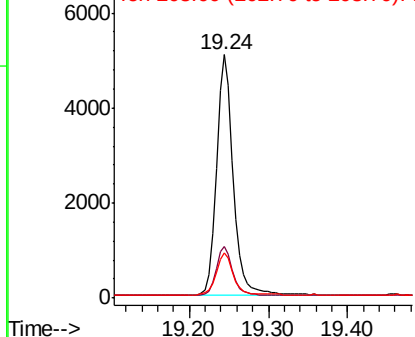


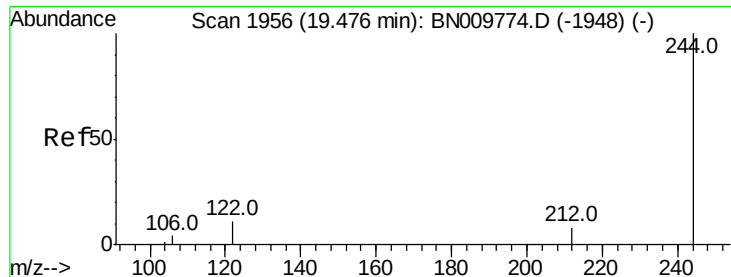
#28
Pyrene
Concen: 0.401 ng
RT: 19.24 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BN009790.D
Acq: 20 Feb 2020 22:00

Tgt Ion:202 Resp: 7550
Ion Ratio Lower Upper
202 100
200 20.3 16.4 24.6
203 17.8 13.9 20.9



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: 0.892 ng

RT: 19.46 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

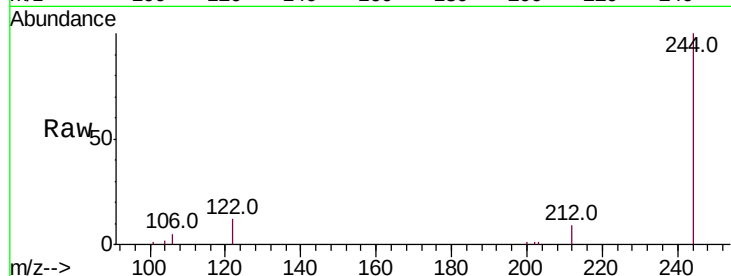
Tot Ion:244 Resp: 10575

Ion Ratio Lower Upper

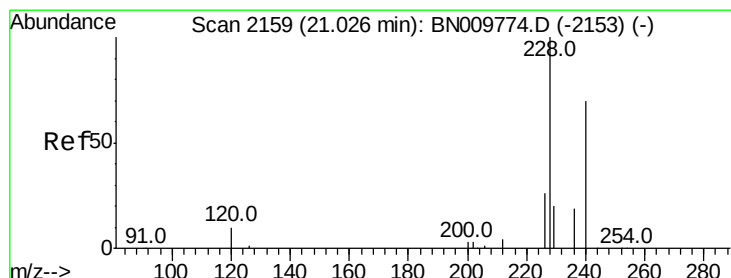
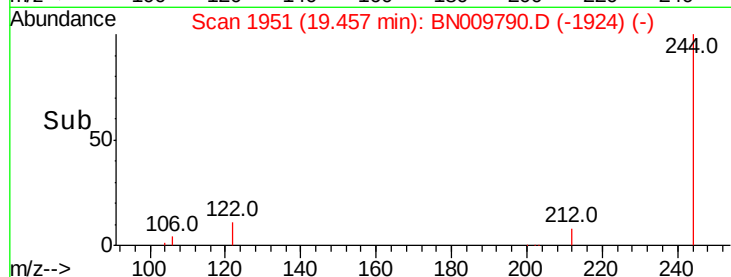
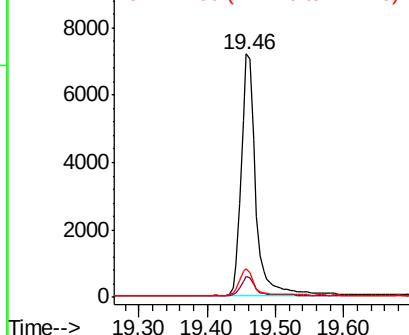
244 100

212 8.8 8.0 12.0

122 11.9 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: 0.355 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

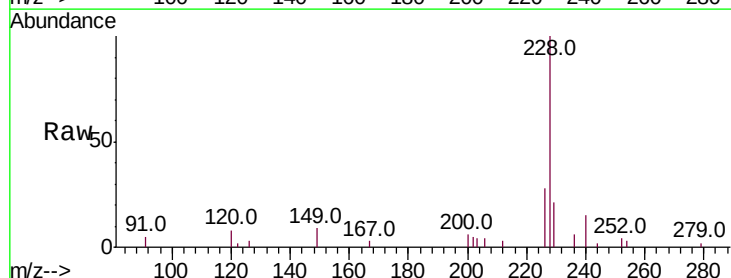
Tgt Ion:228 Resp: 5853

Ion Ratio Lower Upper

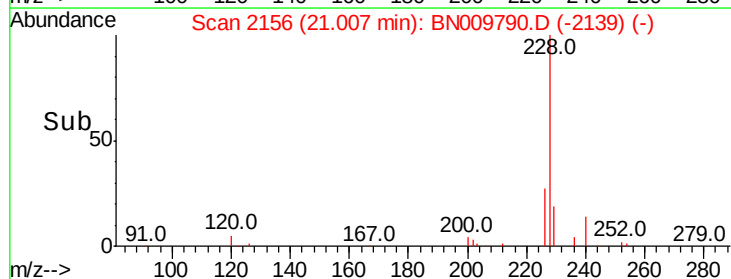
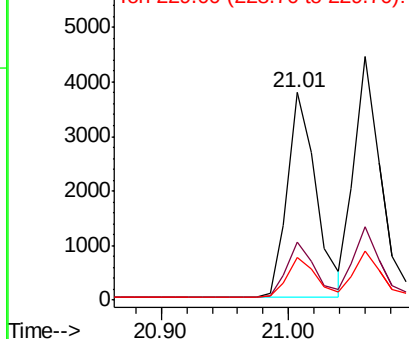
228 100

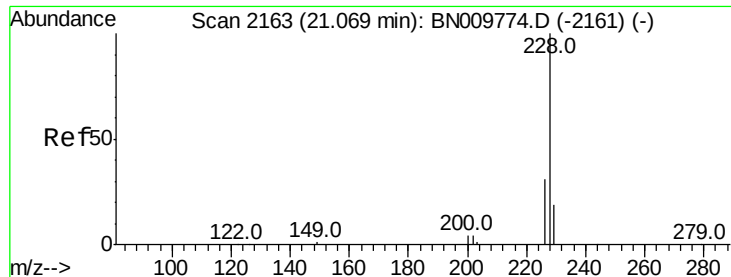
226 27.8 21.8 32.8

229 20.7 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: 0.332 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

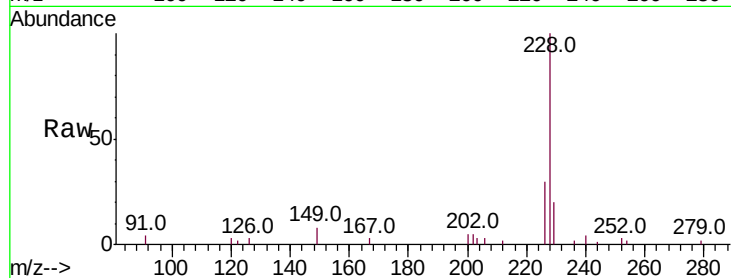
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 6336

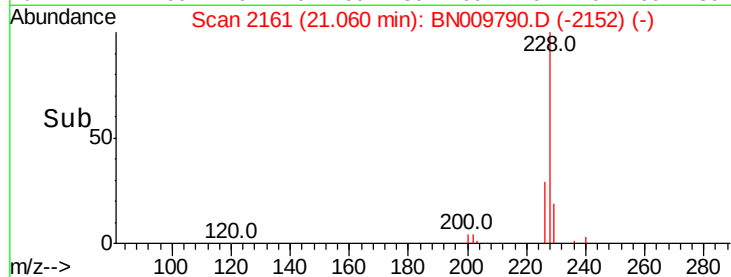
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	20.4	16.4	24.6



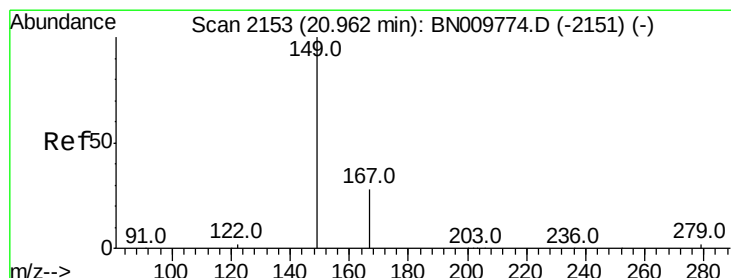
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.049 ng

RT: 20.95 min Scan# 2151

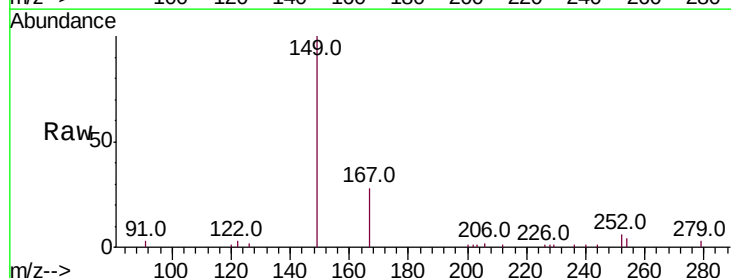
Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Tgt Ion:149 Resp: 8433

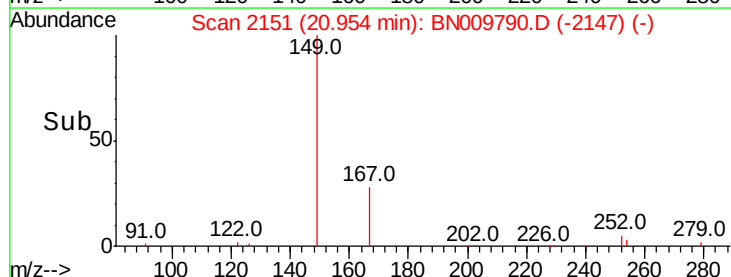
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.7	34.1
279	4.1	3.1	4.7



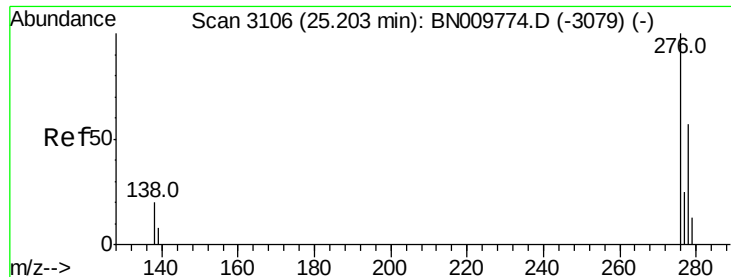
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.362 ng

RT: 25.18 min Scan# 3099

Delta R.T. -0.02 min

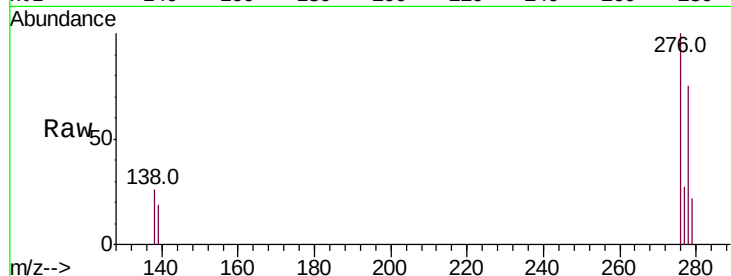
Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :



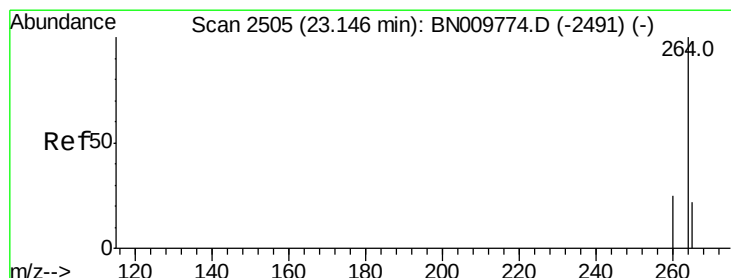
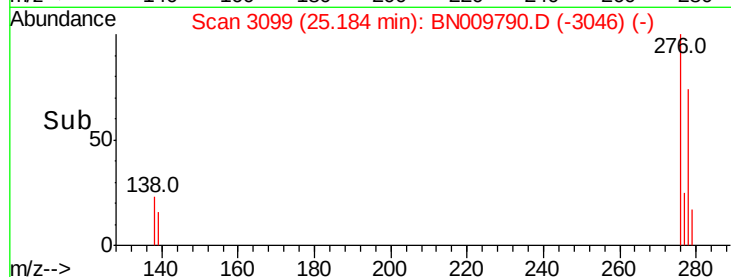
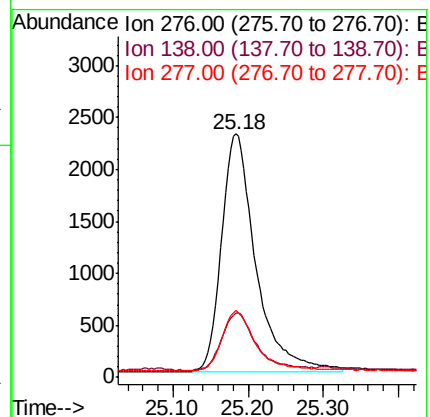
Tot Ion:276 Resp: 7188

Ion Ratio Lower Upper

276 100

138 22.6 15.8 23.6

277 23.9 19.3 28.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.13 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

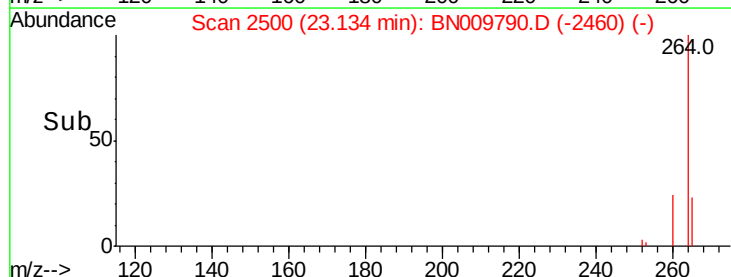
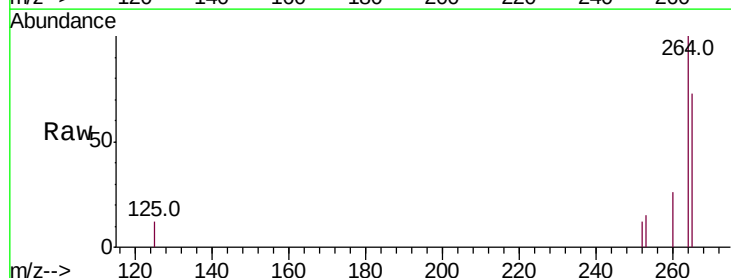
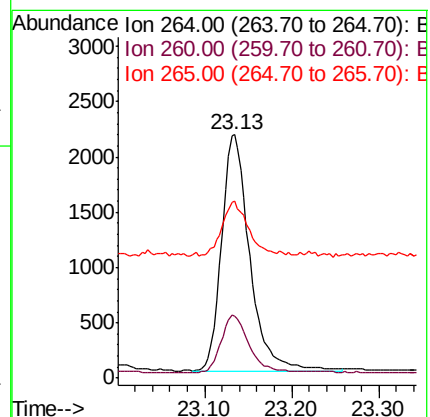
Tgt Ion:264 Resp: 4778

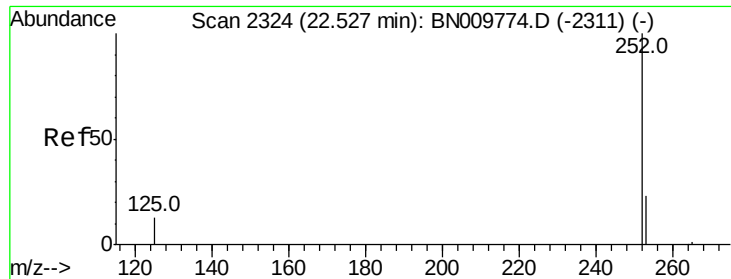
Ion Ratio Lower Upper

264 100

260 25.7 21.1 31.7

265 72.5 57.5 86.3

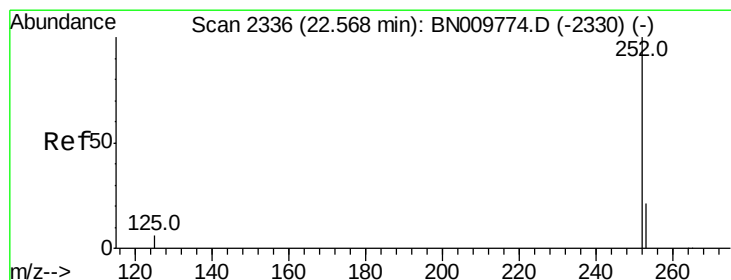
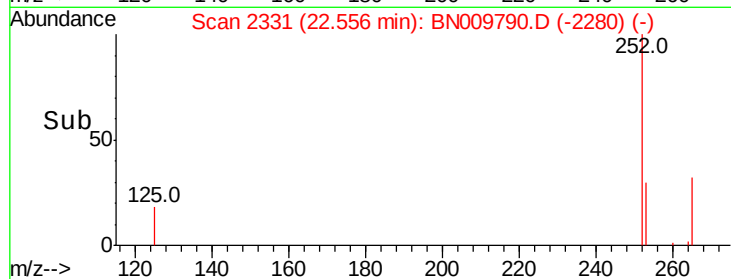
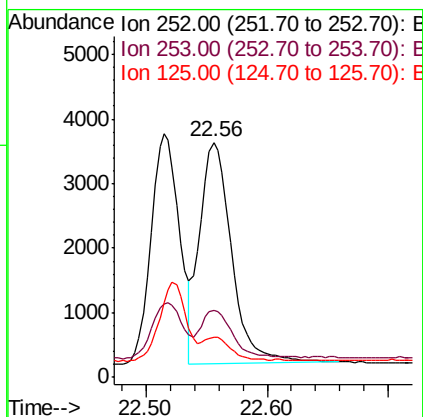
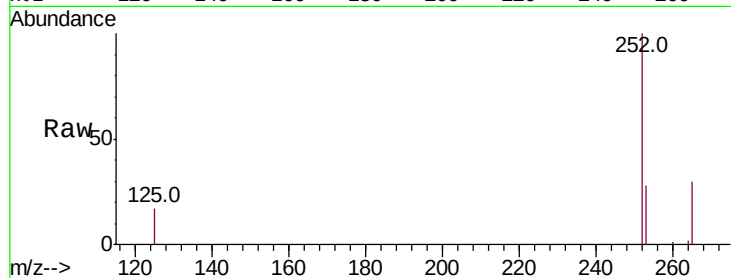




#35
Benzo(b)fluoranthene
Concen: 0.360 ng
RT: 22.56 min Scan# 2331
Delta R.T. 0.03 min
Lab File: BN009790.D
Acq: 20 Feb 2020 22:00

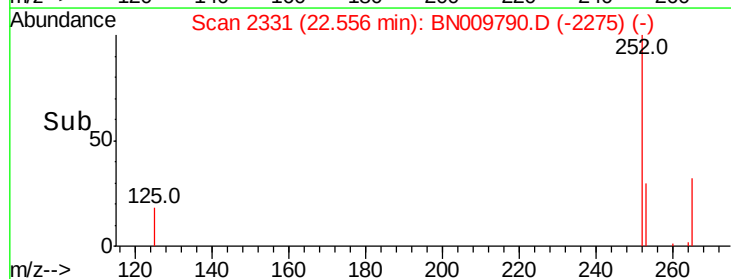
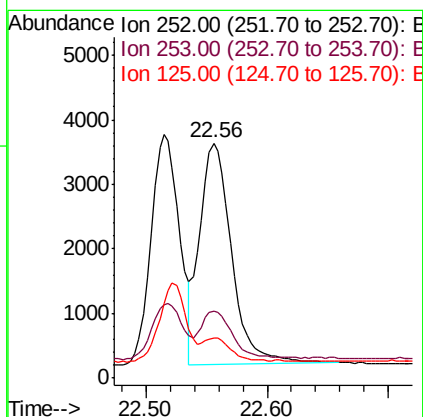
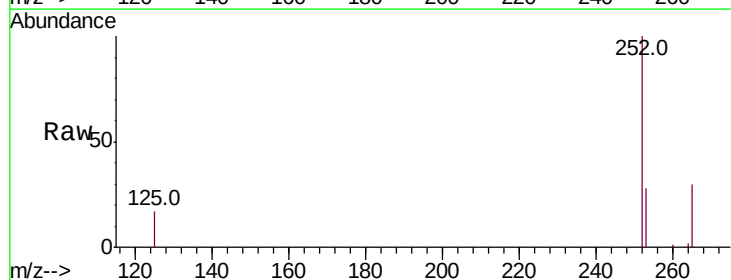
Instrument :
BNA_N
ClientSampleId :

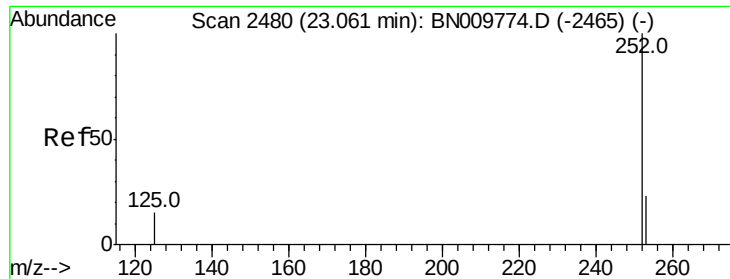
Tot Ion:252 Resp: 6295
Ion Ratio Lower Upper
252 100
253 28.3 23.0 34.6
125 17.0 14.4 21.6



#36
Benzo(k)fluoranthene
Concen: 0.331 ng
RT: 22.56 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN009790.D
Acq: 20 Feb 2020 22:00

Tgt Ion:252 Resp: 6295
Ion Ratio Lower Upper
252 100
253 28.3 22.2 33.2
125 17.0 10.5 15.7#





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.05 min Scan# 2474

Delta R.T. -0.02 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :

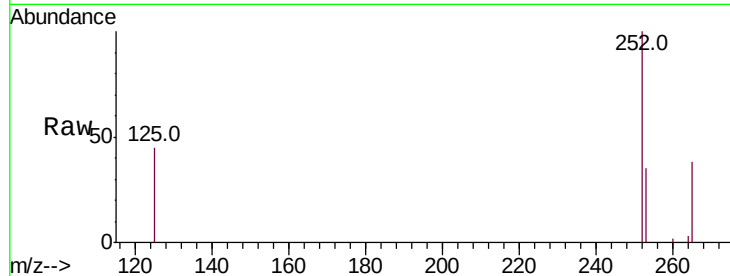
Tot Ion:252 Resp: 5935

Ion Ratio Lower Upper

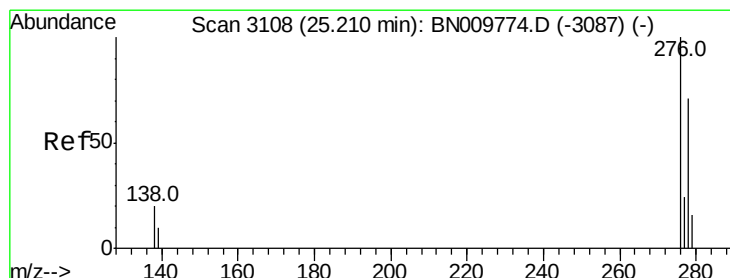
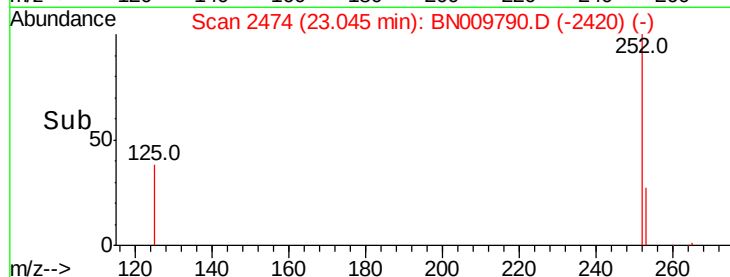
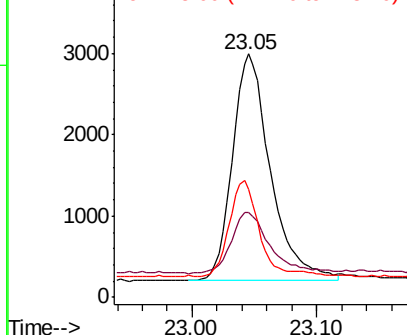
252 100

253 35.0 25.3 37.9

125 44.5 17.7 26.5#



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: 0.380 ng

RT: 25.19 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

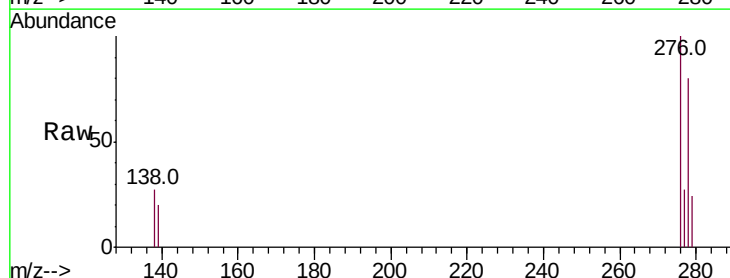
Tgt Ion:278 Resp: 5962

Ion Ratio Lower Upper

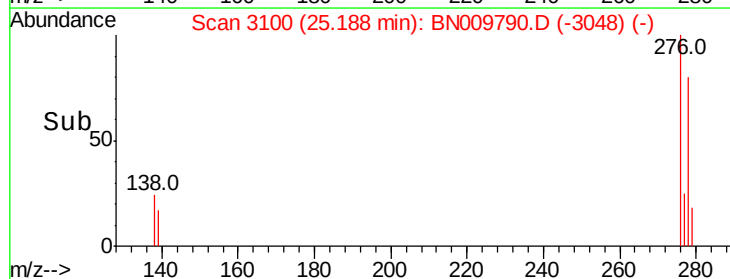
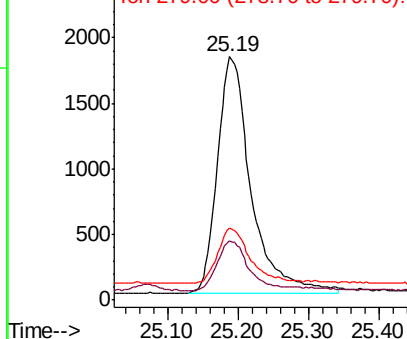
278 100

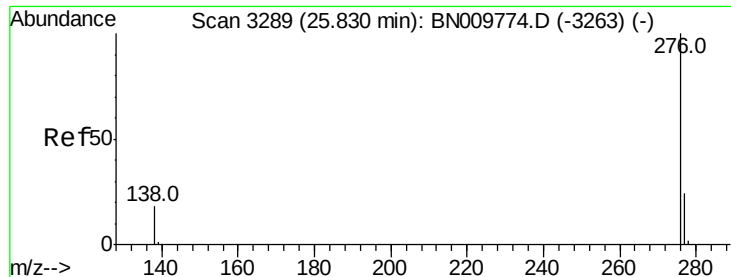
139 24.4 14.5 21.7#

279 29.4 24.3 36.5



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: 0.385 ng

RT: 25.81 min Scan# 3281

Delta R.T. -0.02 min

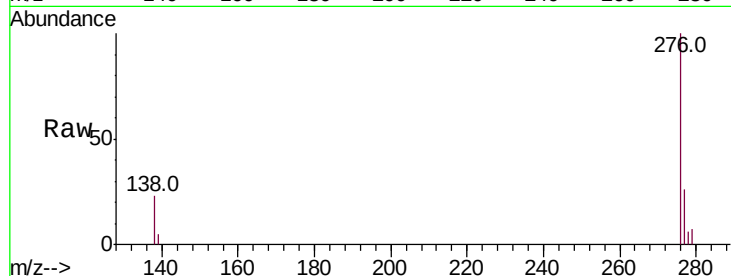
Lab File: BN009790.D

Acq: 20 Feb 2020 22:00

Instrument :

BNA_N

ClientSampleId :



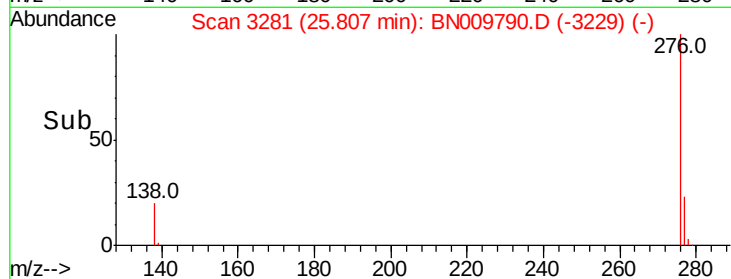
Tot Ion: 276 Resp: 6442

Ion Ratio Lower Upper

276 100

277 25.7 21.4 32.0

138 22.8 16.6 24.8



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

