

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010236.D
 Acq On : 17 Mar 2020 12:58
 Operator : CG/JU
 Sample : PB127507BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 17 14:04:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2959	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	10156	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	6184	0.40	ng	-0.01
19) Phenanthrene-d10	17.00	188	14927	0.40	ng	0.00
27) Chrysene-d12	21.19	240	15960	0.40	ng	-0.01
34) Perylene-d12	23.37	264	16088	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	2310	0.33	ng	0.00
5) Phenol-d6	6.81	99	2837	0.33	ng	0.00
8) Nitrobenzene-d5	8.76	82	2435	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6404	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	784	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	9673	0.44	ng	0.00
25) Fluoranthene-d10	19.03	212	17702	0.38	ng	0.00
29) Terphenyl-d14	19.64	244	13917	0.38	ng	-0.01

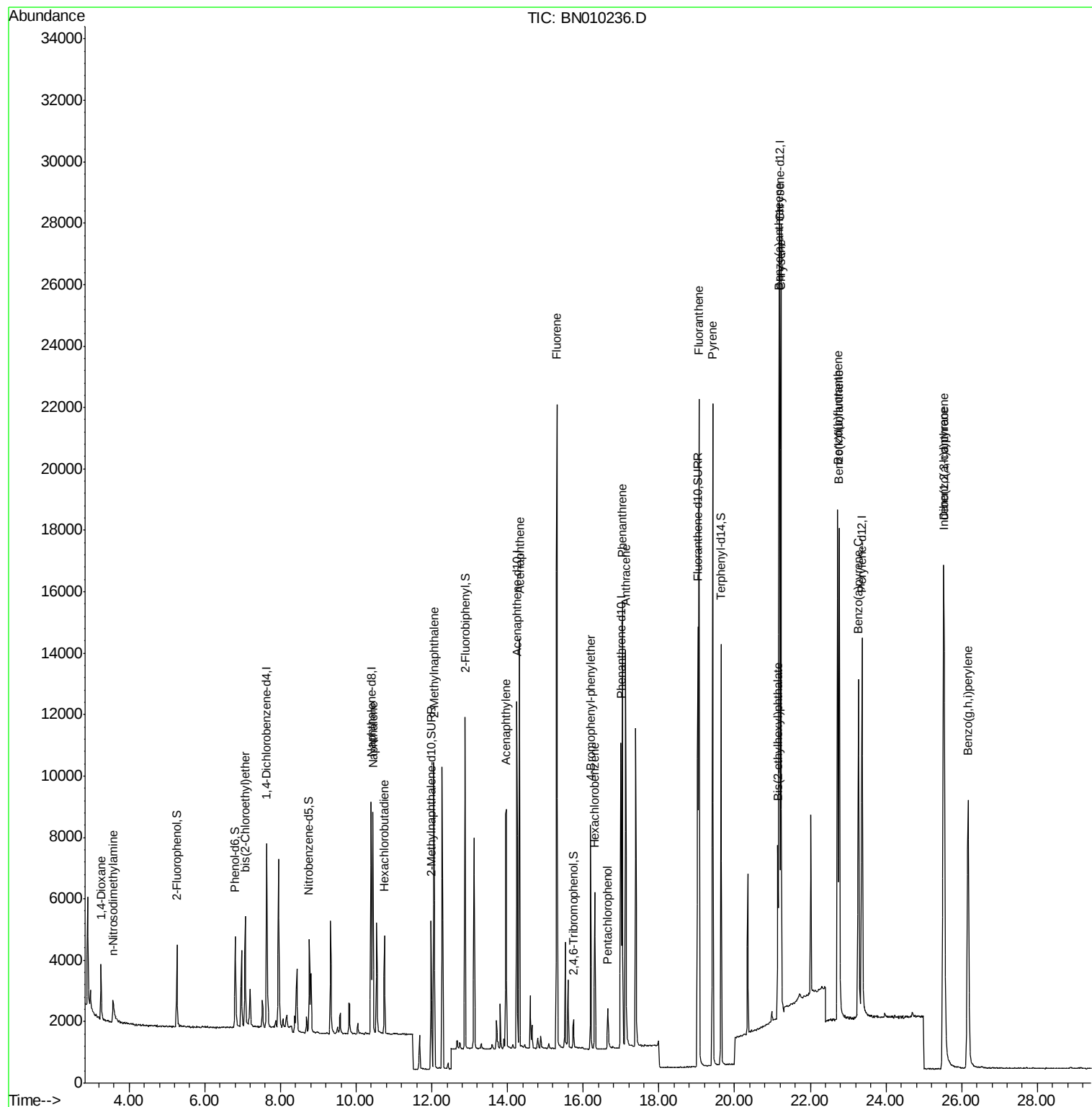
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	1138	0.394	ng	# 56
3) n-Nitrosodimethylamine	3.57	42	841	0.329	ng	# 37
6) bis(2-Chloroethyl)ether	7.07	93	2749	0.379	ng	96
9) Naphthalene	10.44	128	10127	0.398	ng	97
10) Hexachlorobutadiene	10.75	225	2547	0.435	ng	# 96
12) 2-Methylnaphthalene	12.06	142	6989	0.382	ng	95
16) Acenaphthylene	13.97	152	9855	0.345	ng	99
17) Acenaphthene	14.31	154	6719	0.388	ng	97
18) Fluorene	15.31	166	9137	0.387	ng	99
20) 4-Bromophenyl-phenylether	16.20	248	3475	0.406	ng	98
21) Hexachlorobenzene	16.31	284	3855	0.461	ng	97
22) Pentachlorophenol	16.65	266	860	0.333	ng	90
23) Phenanthrene	17.03	178	16159	0.408	ng	100
24) Anthracene	17.12	178	13476	0.341	ng	99
26) Fluoranthene	19.06	202	19847	0.396	ng	99
28) Pyrene	19.42	202	19850	0.372	ng	99
30) Benzo(a)anthracene	21.17	228	18531	0.342	ng	100
31) Chrysene	21.23	228	22003	0.412	ng	98
32) Bis(2-ethylhexyl)phthalate	21.14	149	4622	0.200	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.52	276	22174	0.350	ng	98
35) Benzo(b)fluoranthene	22.72	252	20466	0.414	ng	99
36) Benzo(k)fluoranthene	22.76	252	21183	0.424	ng	98
37) Benzo(a)pyrene	23.27	252	17355	0.372	ng	99
38) Dibenzo(a,h)anthracene	25.54	278	18499	0.395	ng	99
39) Benzo(g,h,i)perylene	26.17	276	18990	0.406	ng	97

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

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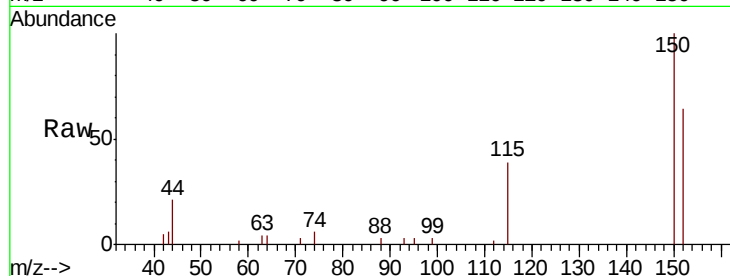


#1

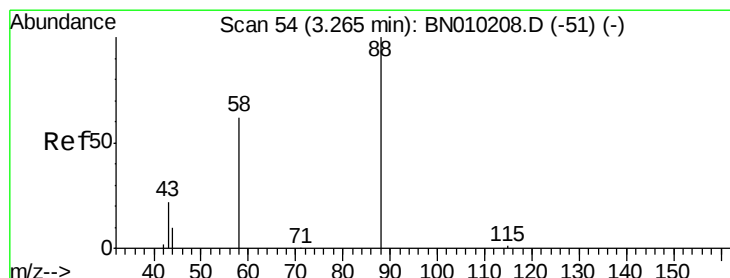
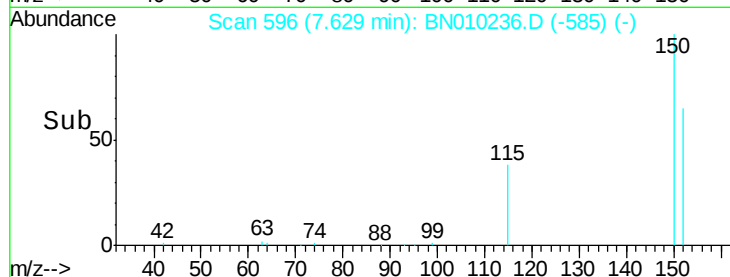
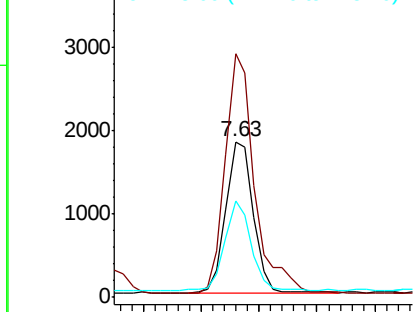
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010236.D
Acq: 17 Mar 2020 12:58

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2959
Ion Ratio Lower Upper
152 100
150 156.6 119.5 179.3
115 61.7 50.9 76.3



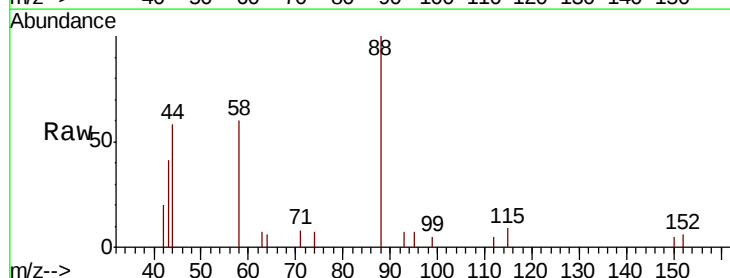
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



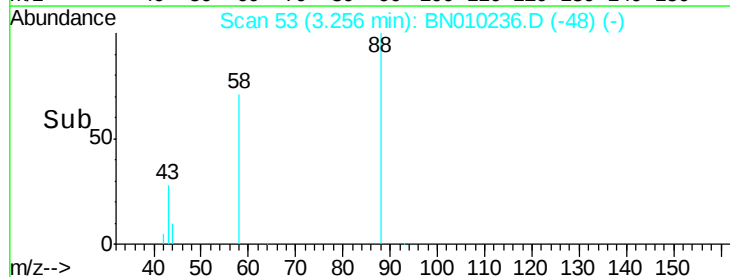
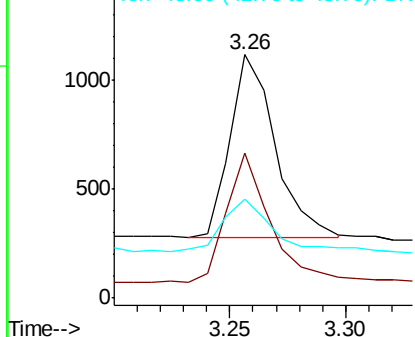
#2

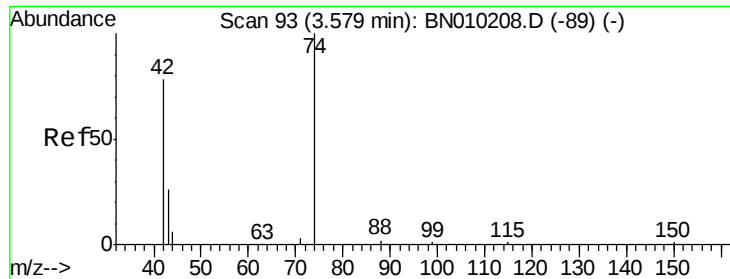
1,4-Dioxane
Concen: 0.394 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010236.D
Acq: 17 Mar 2020 12:58

Tgt Ion: 88 Resp: 1138
Ion Ratio Lower Upper
88 100
58 68.5 97.8 146.8#
43 30.4 45.1 67.7#



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





#3

n-Nitrosodimethylamine

Concen: 0.329 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

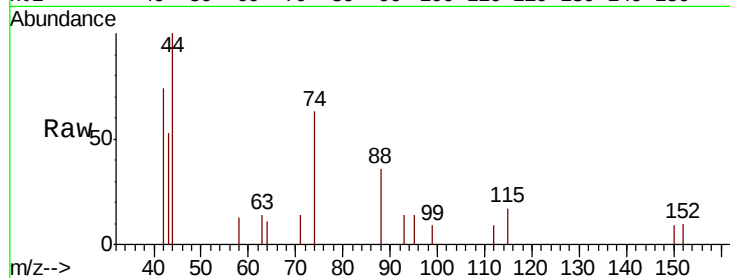
Tot Ion: 42 Resp: 841

Ion Ratio Lower Upper

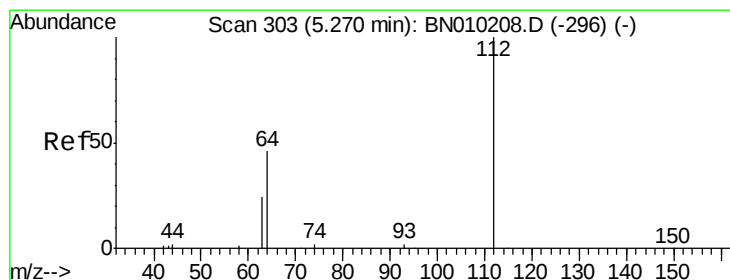
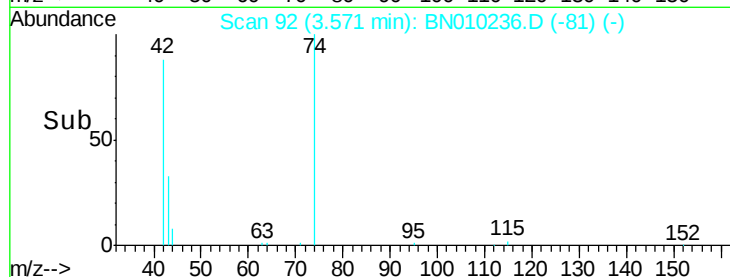
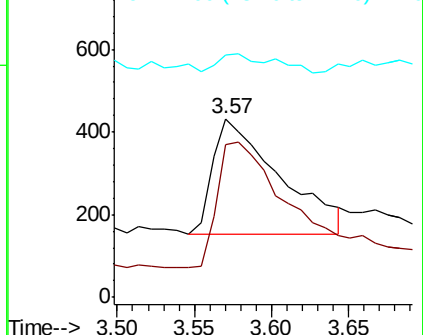
42 100

74 114.6 51.2 76.8#

44 13.0 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: 0.333 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

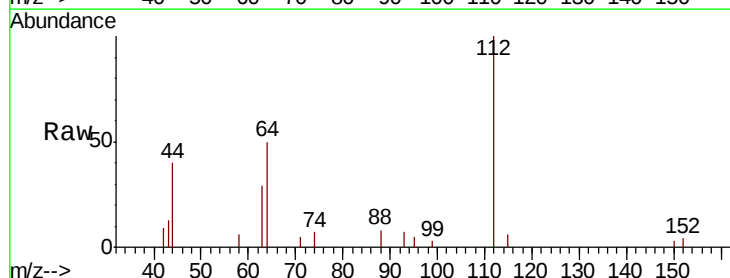
Tgt Ion: 112 Resp: 2310

Ion Ratio Lower Upper

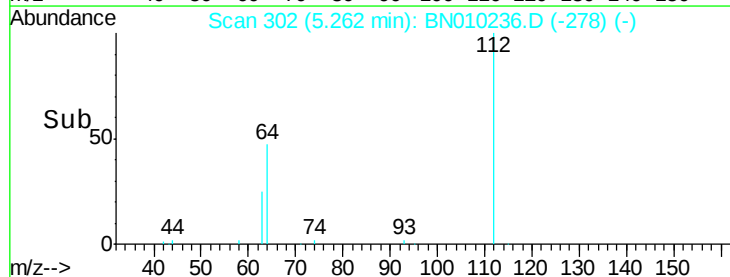
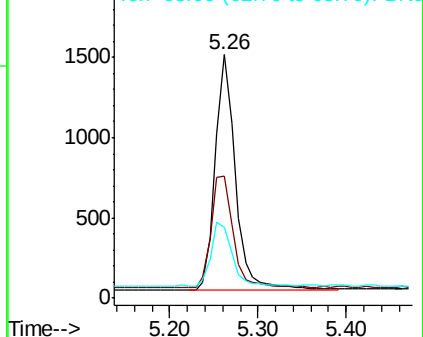
112 100

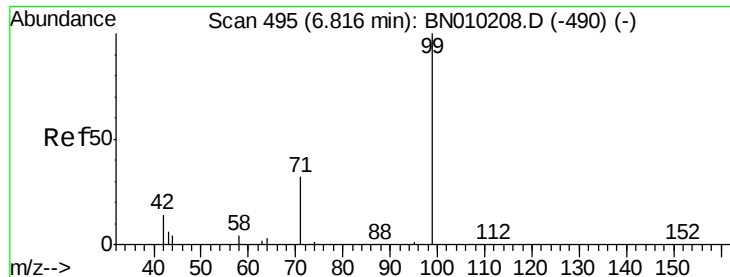
64 51.7 42.6 63.8

63 29.7 23.6 35.4



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: 0.327 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

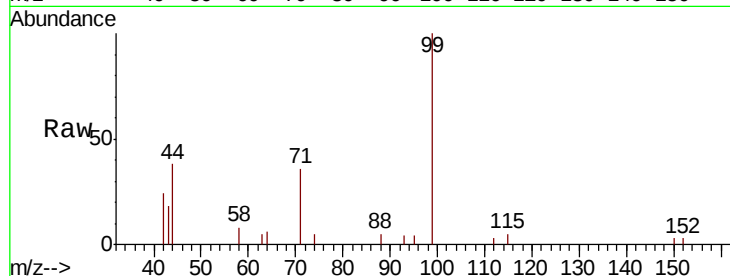
Tot Ion: 99 Resp: 2837

Ion Ratio Lower Upper

99 100

42 21.3 12.0 18.0#

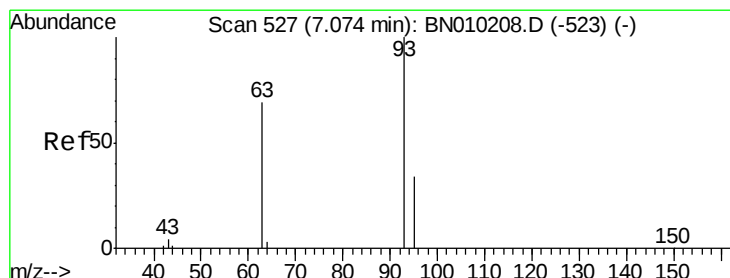
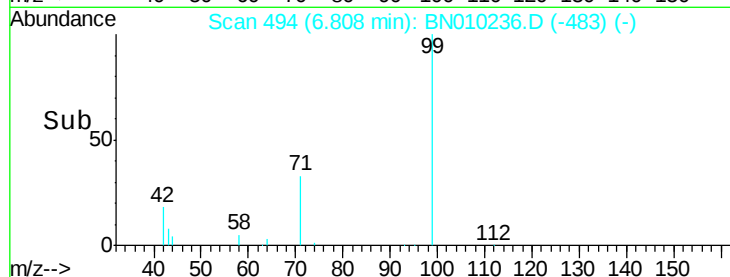
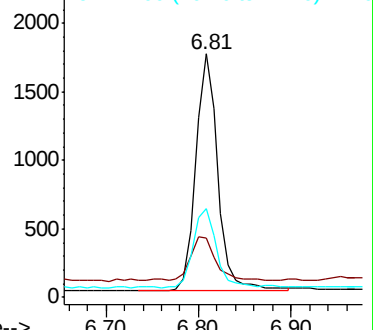
71 35.1 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.379 ng

RT: 7.07 min Scan# 526

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

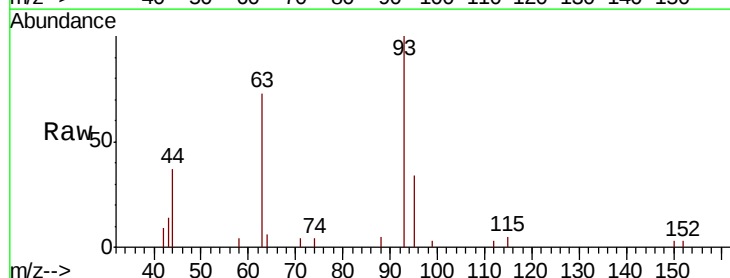
Tgt Ion: 93 Resp: 2749

Ion Ratio Lower Upper

93 100

63 70.5 53.4 80.0

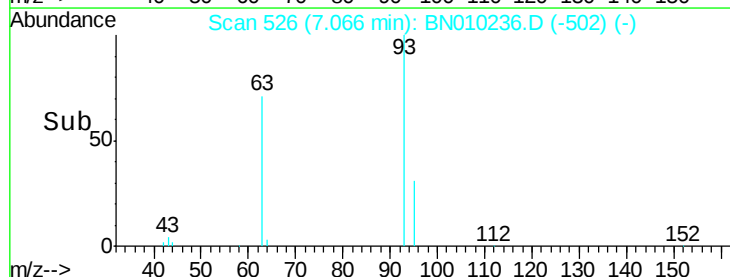
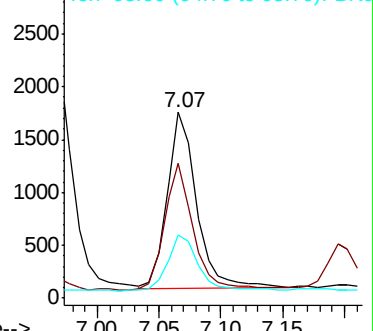
95 34.4 28.6 42.8

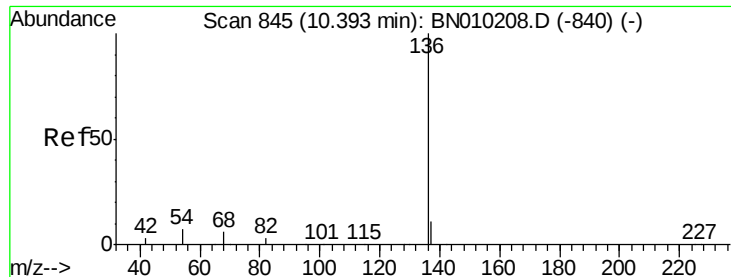


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 10156

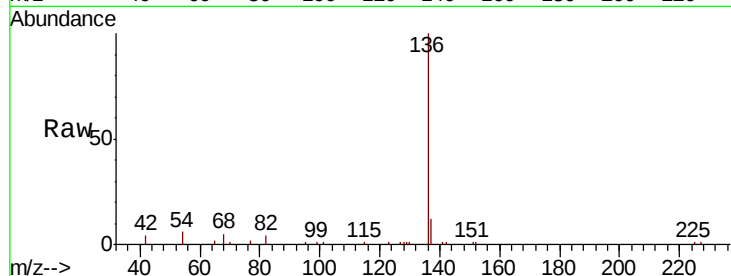
Ion Ratio Lower Upper

136 100

137 11.7 10.6 15.8

54 5.9 9.5 14.3#

68 5.1 9.7 14.5#

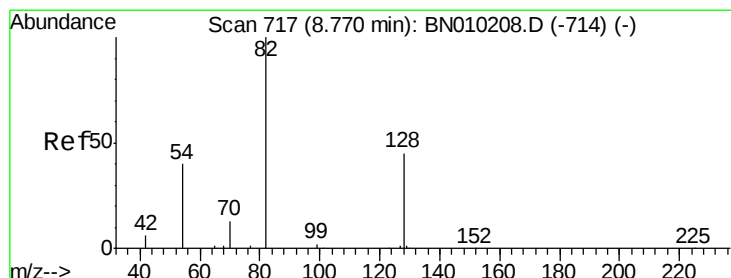
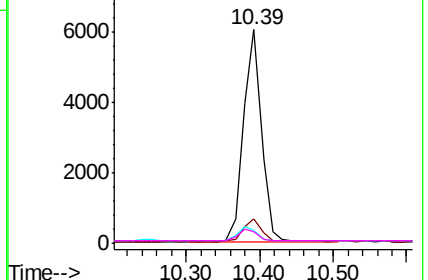
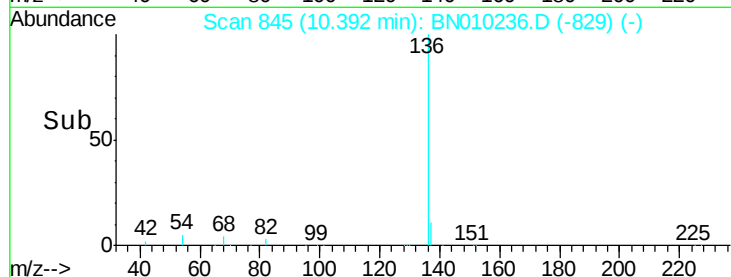


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

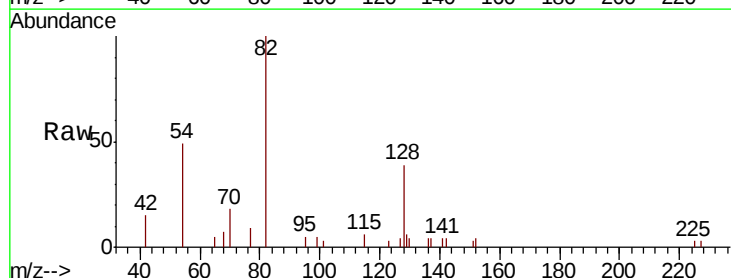
Tgt Ion: 82 Resp: 2435

Ion Ratio Lower Upper

82 100

128 38.5 35.0 52.6

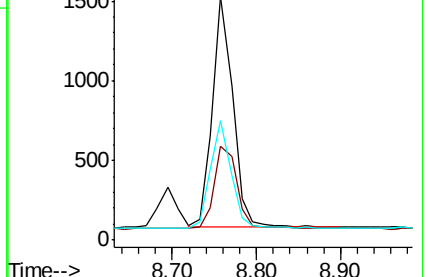
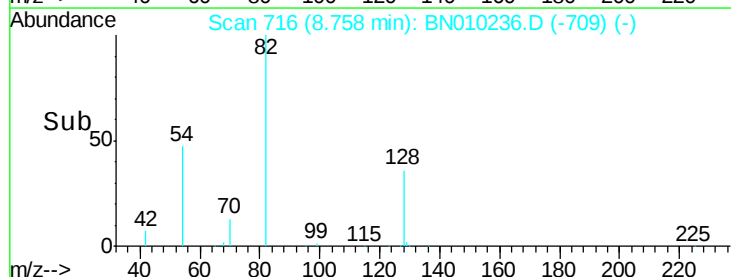
54 49.1 37.0 55.4

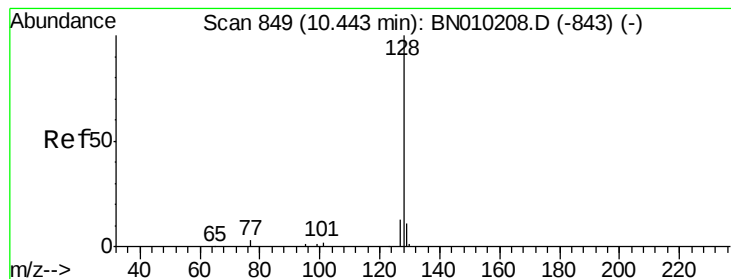


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

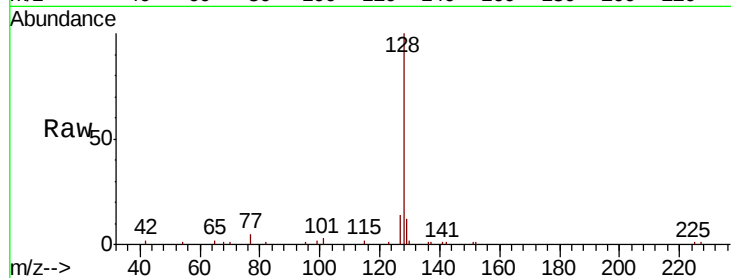
Tot Ion:128 Resp: 10127

Ion Ratio Lower Upper

128 100

129 12.4 10.5 15.7

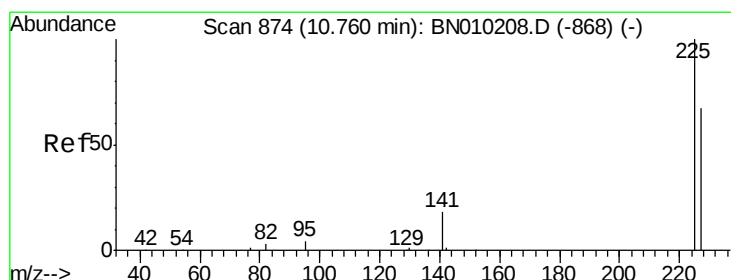
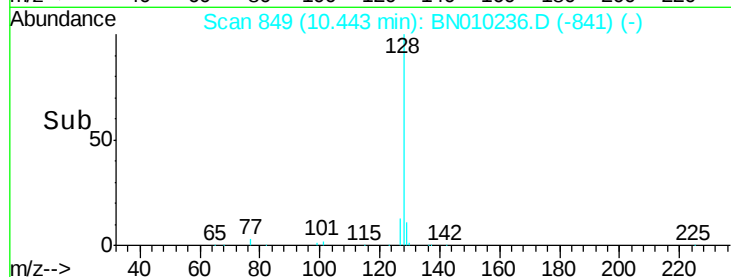
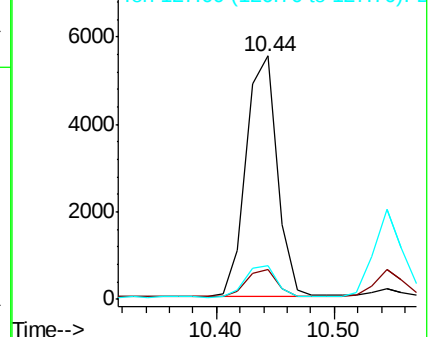
127 13.6 12.1 18.1



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: 0.435 ng

RT: 10.75 min Scan# 873

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

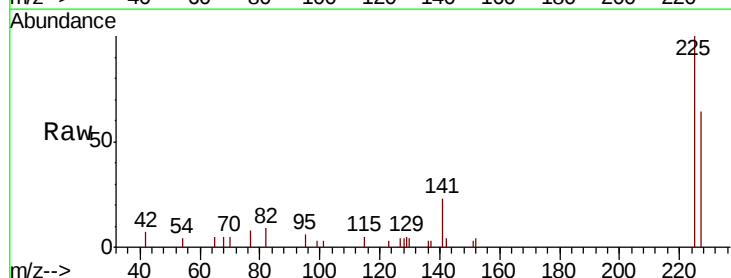
Tgt Ion:225 Resp: 2547

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

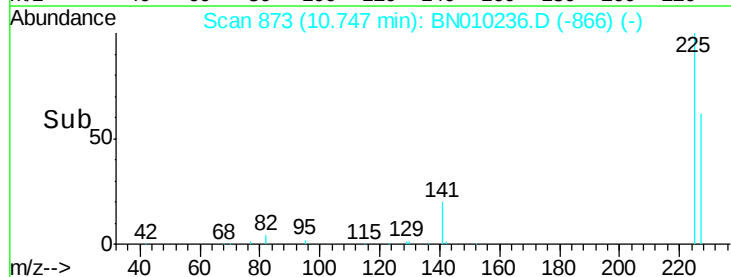
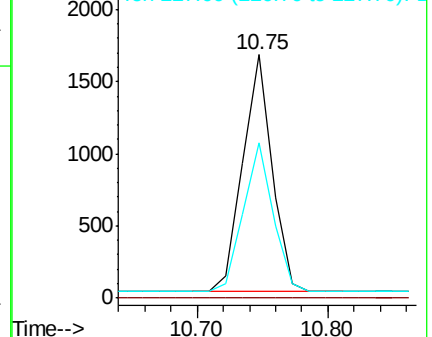
227 63.5 53.4 80.2

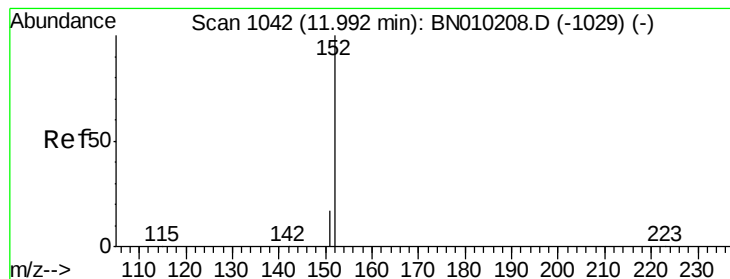


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 11.98 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

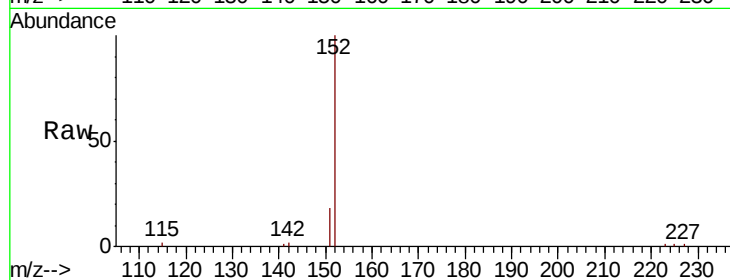
ClientSampleId :

Tot Ion:152 Resp: 6404

Ion Ratio Lower Upper

152 100

151 19.5 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.98

4000

3000

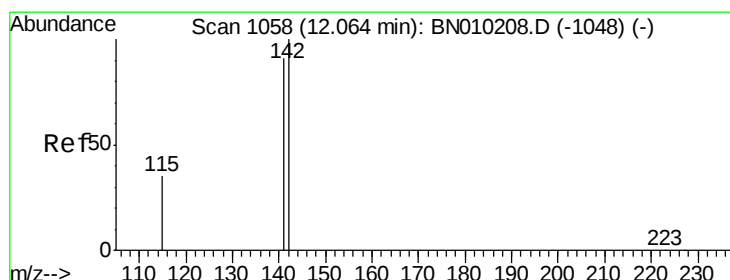
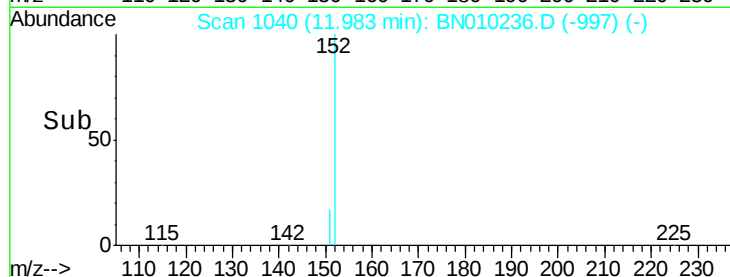
2000

1000

0

Time-->

11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 12.06 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

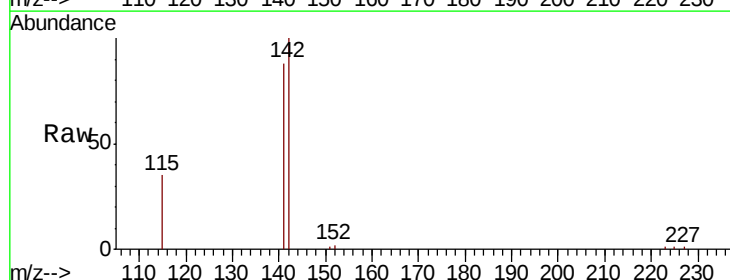
Tgt Ion:142 Resp: 6989

Ion Ratio Lower Upper

142 100

141 88.4 73.7 110.5

115 34.9 31.2 46.8



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

12.06

6000

5000

4000

3000

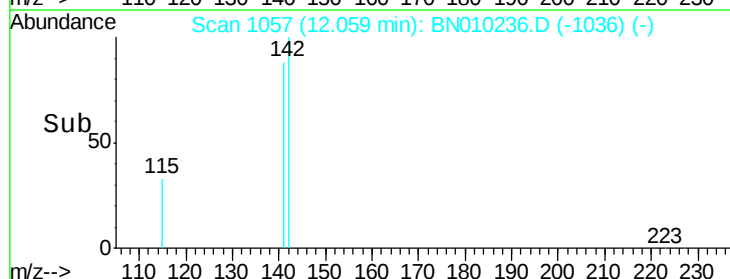
2000

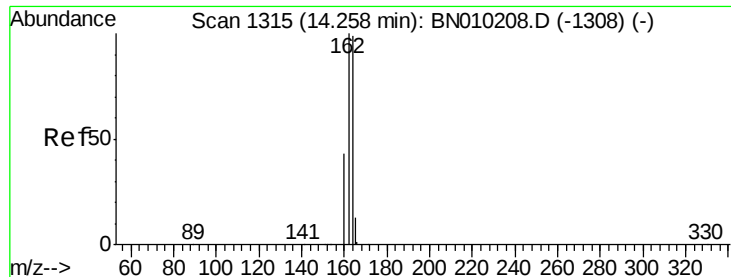
1000

0

Time-->

12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

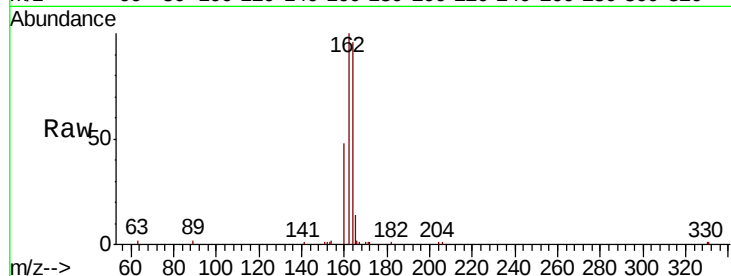
Tot Ion:164 Resp: 6184

Ion Ratio Lower Upper

164 100

162 103.8 81.0 121.4

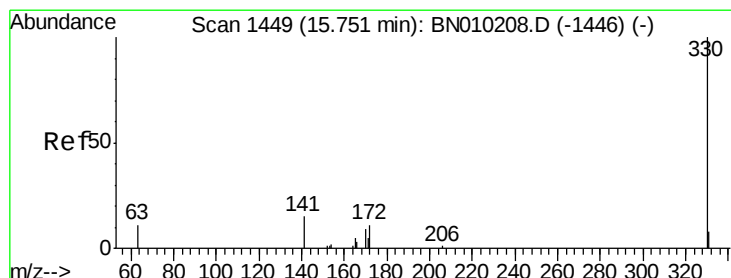
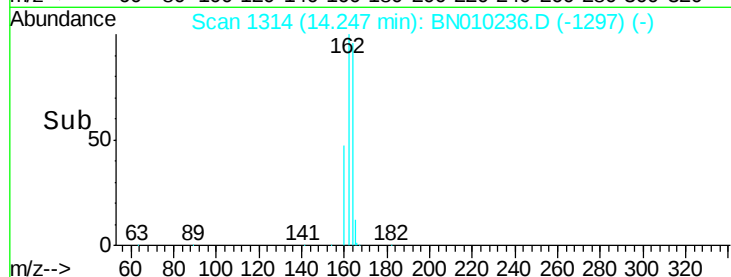
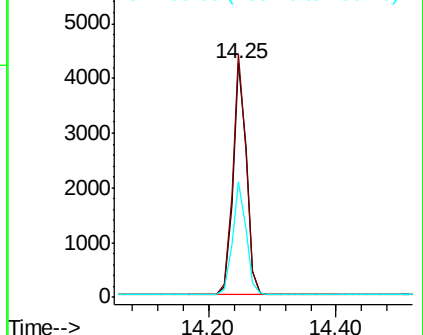
160 49.5 35.6 53.4



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: 0.354 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

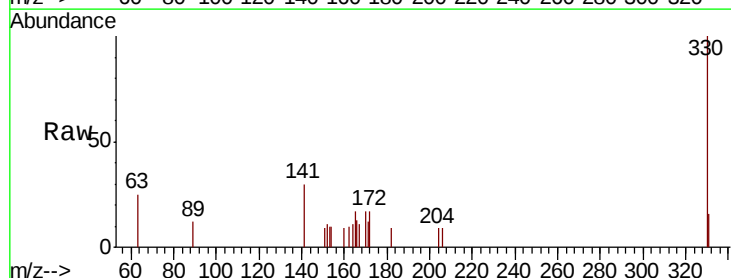
Tgt Ion:330 Resp: 784

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

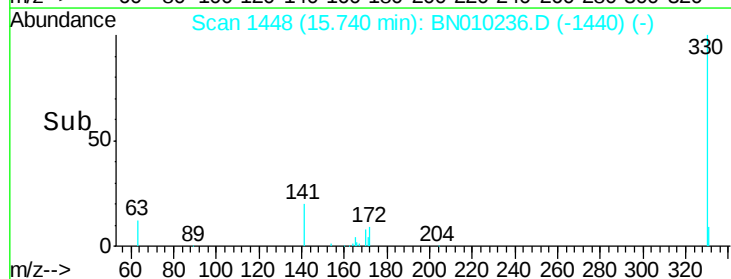
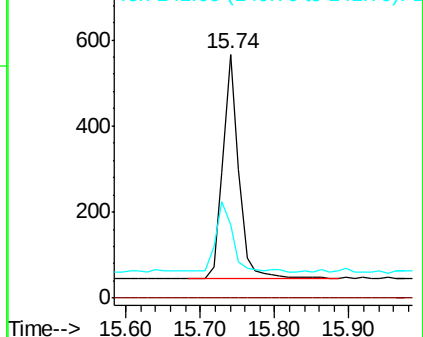
141 33.3 25.1 37.7

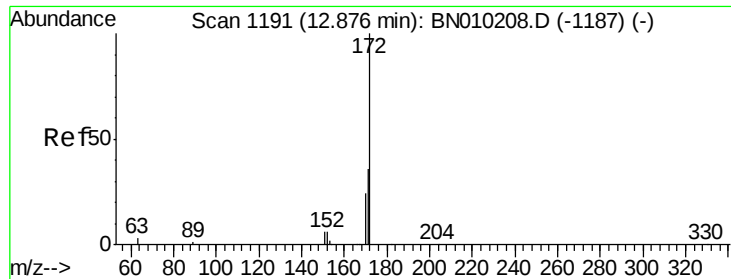


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

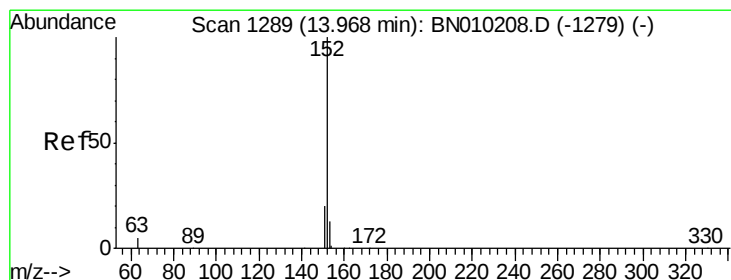
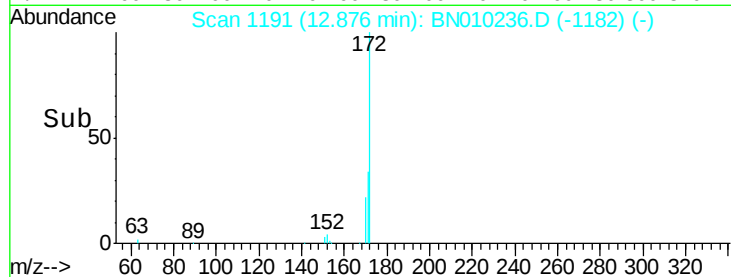
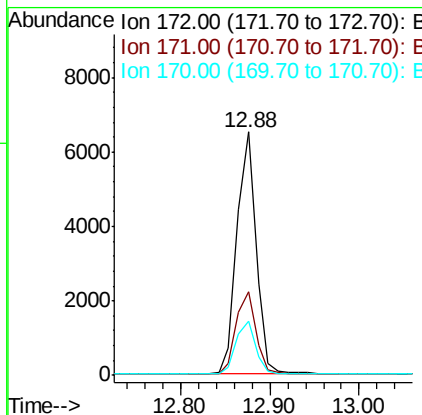
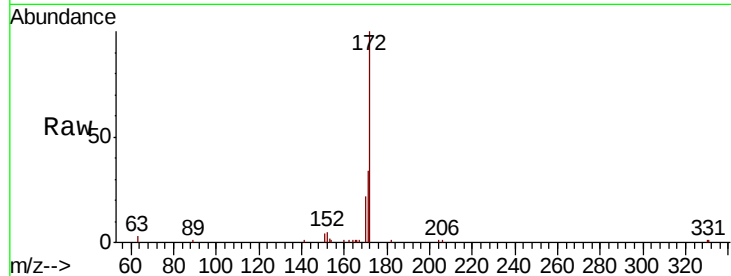




#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010236.D
Acq: 17 Mar 2020 12:58

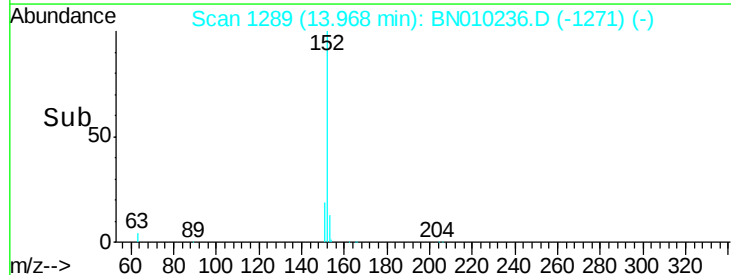
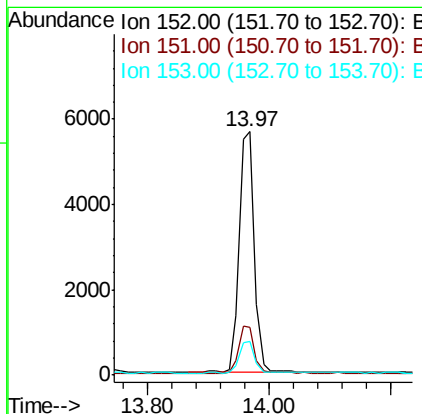
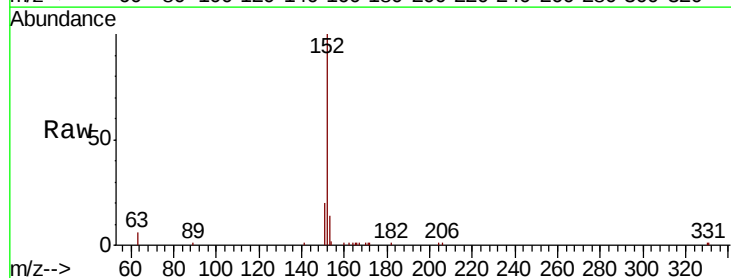
Instrument :
BNA_N
ClientSampleId :

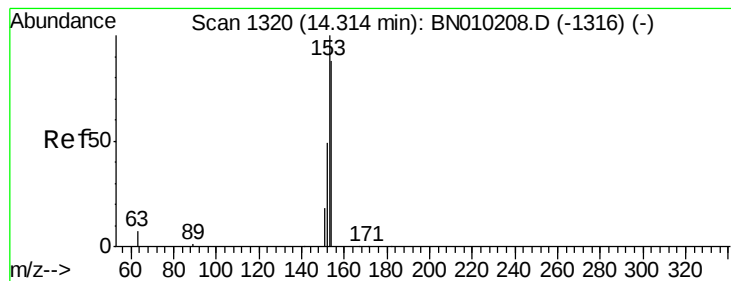
Tot Ion:172 Resp: 9673
Ion Ratio Lower Upper
172 100
171 34.3 29.4 44.2
170 22.3 20.2 30.4



#16
Acenaphthylene
Concen: 0.345 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010236.D
Acq: 17 Mar 2020 12:58

Tgt Ion:152 Resp: 9855
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 0.388 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

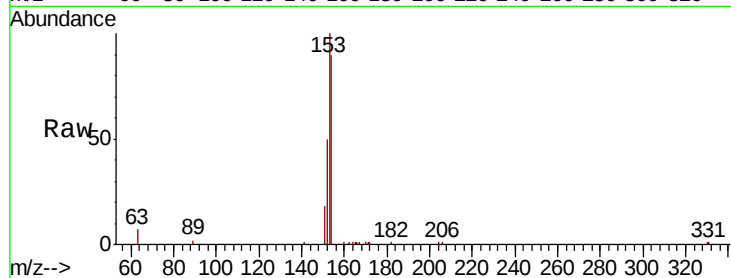
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 6719

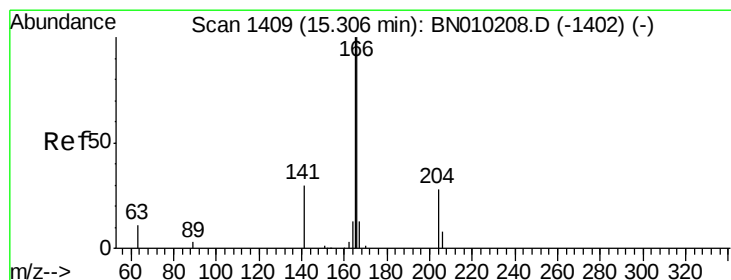
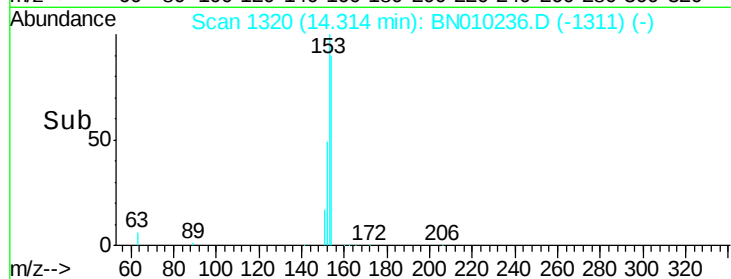
Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.3	135.5
152	58.2	42.9	64.3



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: 0.387 ng

RT: 15.31 min Scan# 1409

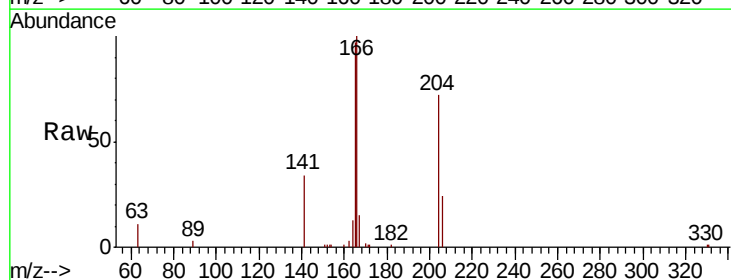
Delta R.T. -0.00 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Tgt Ion:166 Resp: 9137

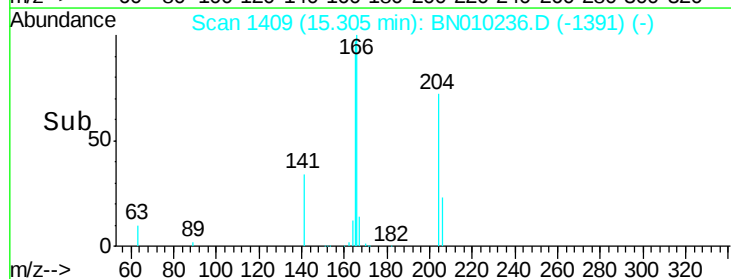
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.3	117.5
167	13.6	10.7	16.1

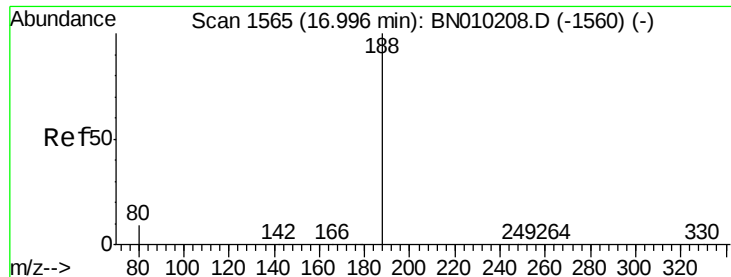


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

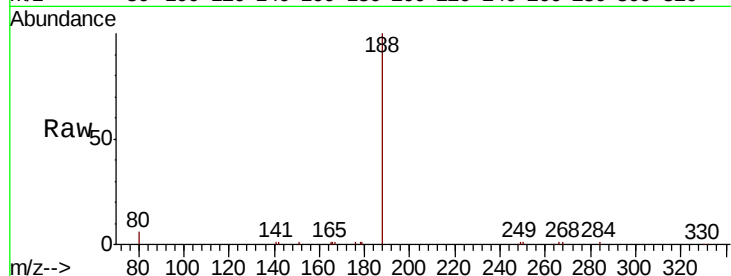
Tot Ion:188 Resp: 14927

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

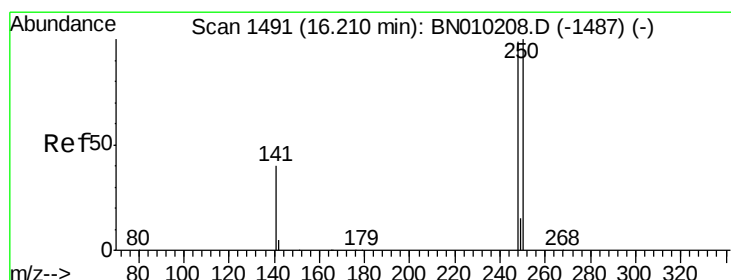
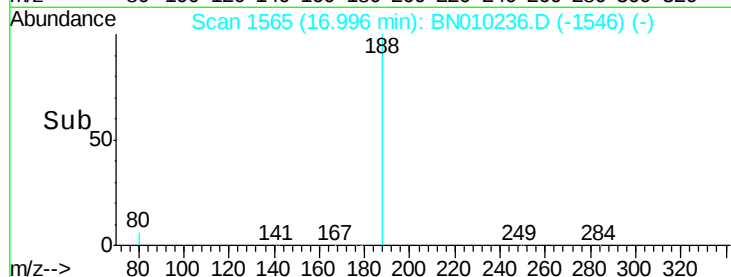
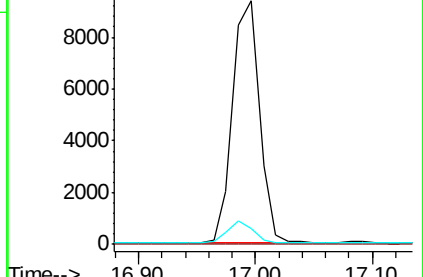
80 6.3 8.6 12.8#



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: 0.406 ng

RT: 16.20 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

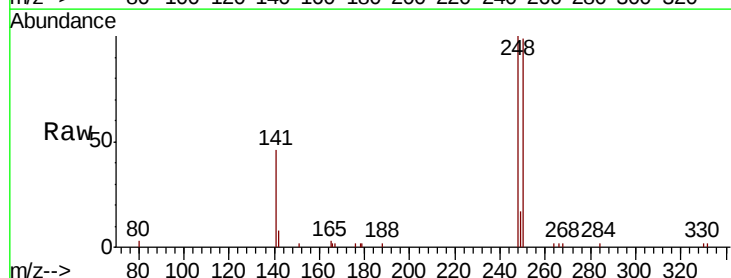
Tgt Ion:248 Resp: 3475

Ion Ratio Lower Upper

248 100

250 98.6 81.2 121.8

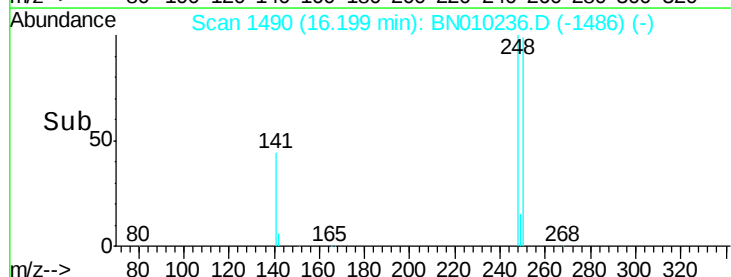
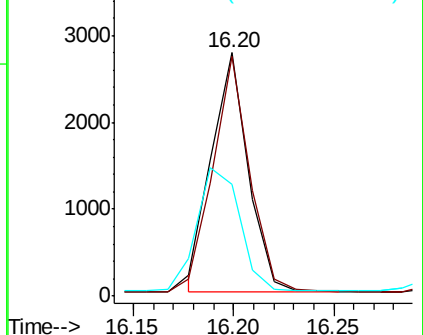
141 45.7 36.7 55.1

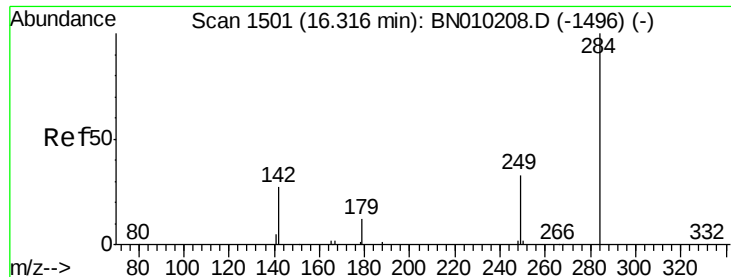


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.461 ng

RT: 16.31 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

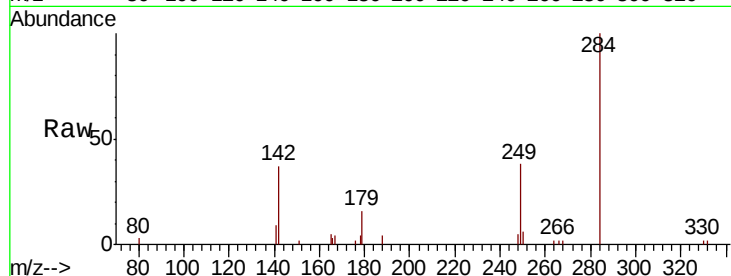
Instrument :

BNA_N

ClientSampleId :

Tot Ion:284 Resp: 3855

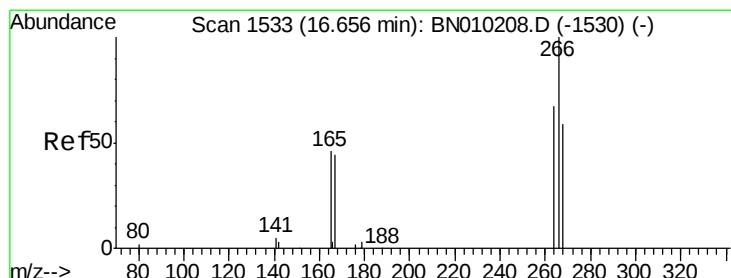
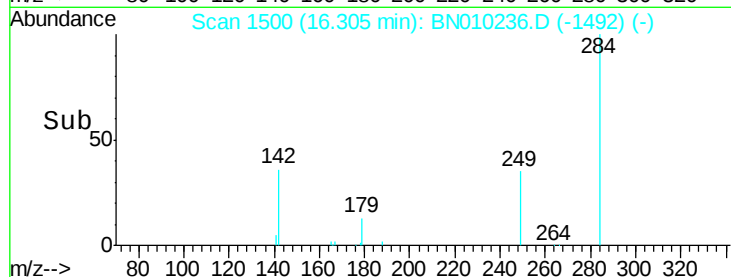
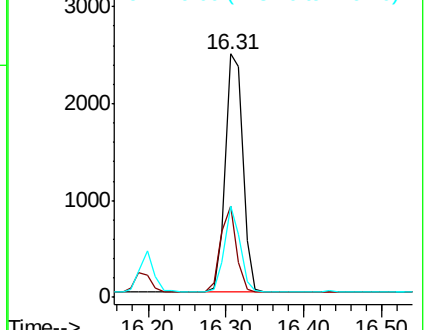
Ion	Ratio	Lower	Upper
284	100		
142	32.3	27.8	41.6
249	32.3	26.6	39.8



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: 0.333 ng

RT: 16.65 min Scan# 1532

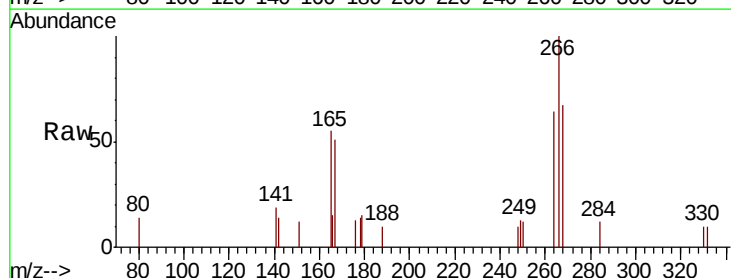
Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Tgt Ion:266 Resp: 860

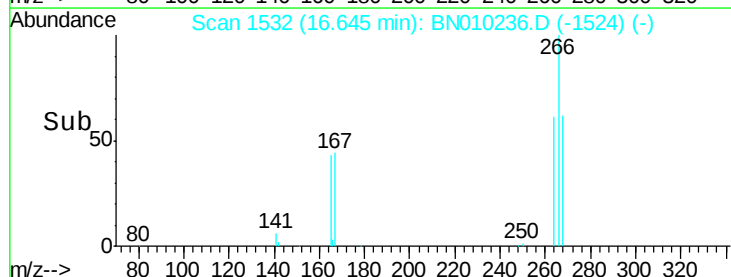
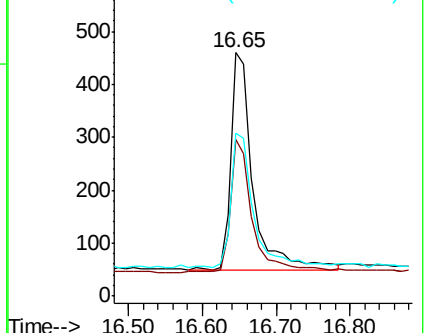
Ion	Ratio	Lower	Upper
266	100		
264	64.1	56.2	84.2
268	66.7	61.4	92.2

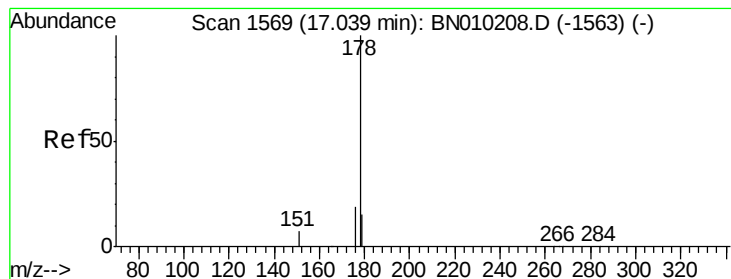


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.408 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampled :

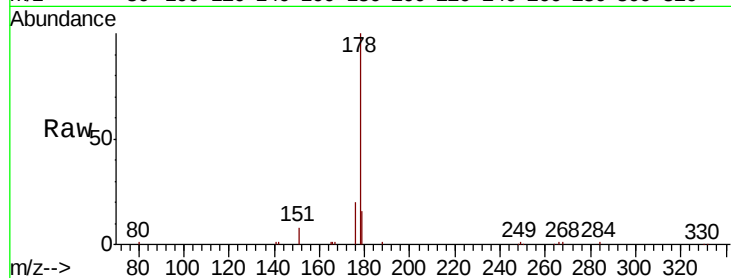
Tot Ion:178 Resp: 16159

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

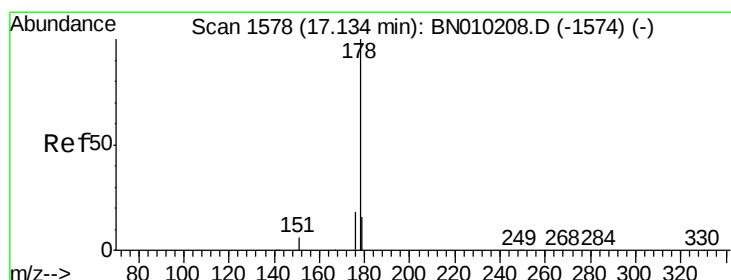
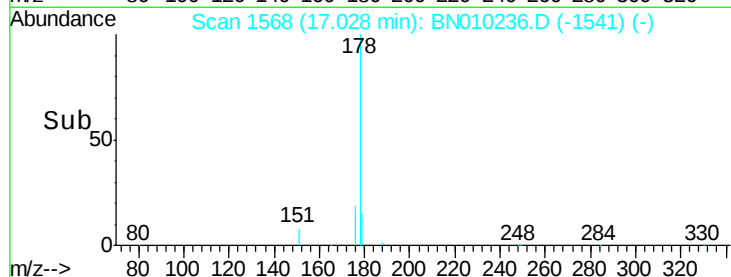
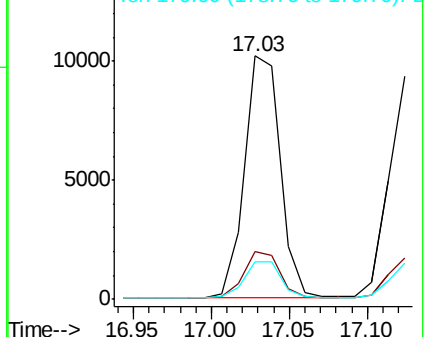
179 15.4 12.5 18.7



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: 0.341 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

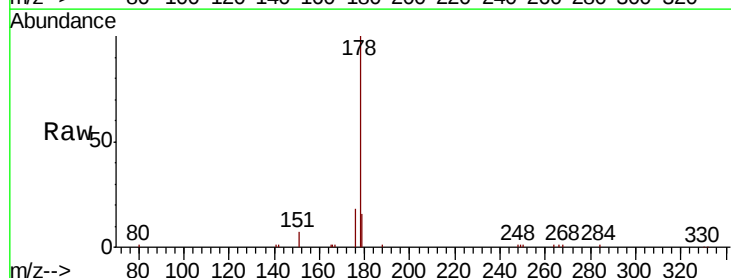
Tgt Ion:178 Resp: 13476

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

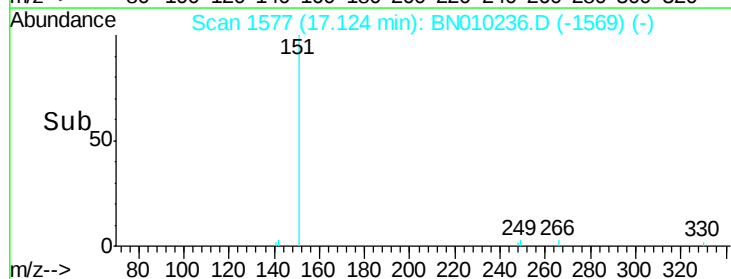
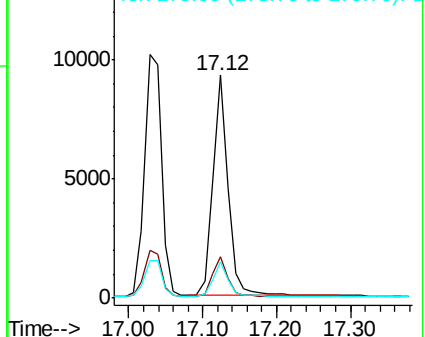
179 15.0 12.5 18.7

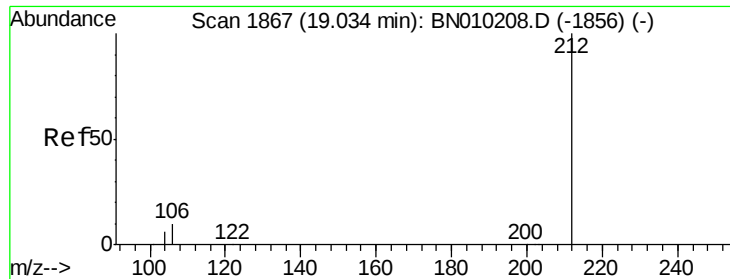


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.03 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

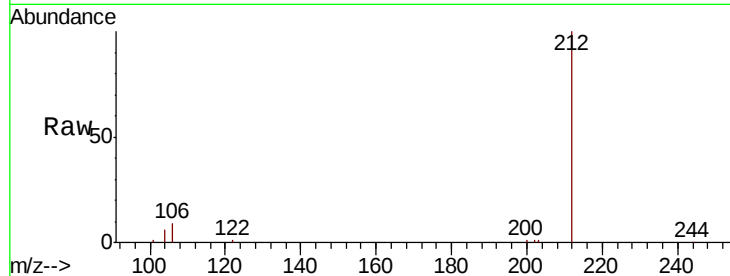
Tot Ion:212 Resp: 17702

Ion Ratio Lower Upper

212 100

106 9.4 8.1 12.1

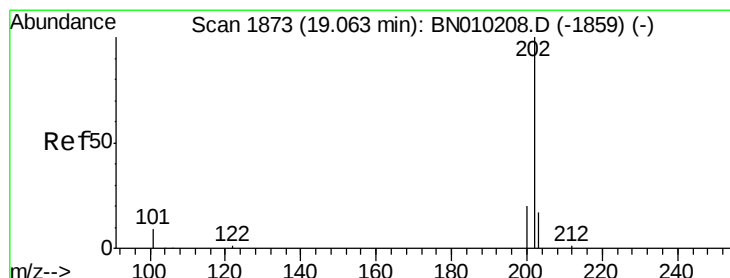
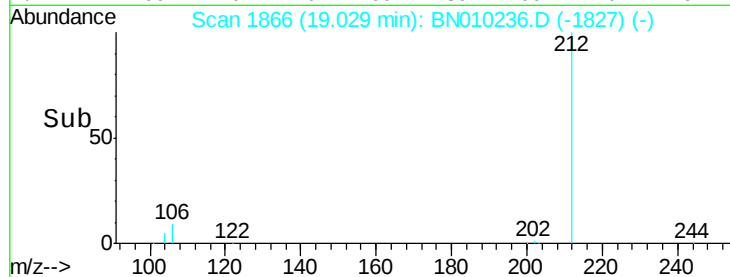
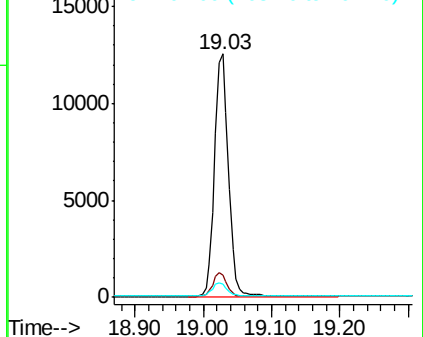
104 5.5 4.7 7.1



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: 0.396 ng

RT: 19.06 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

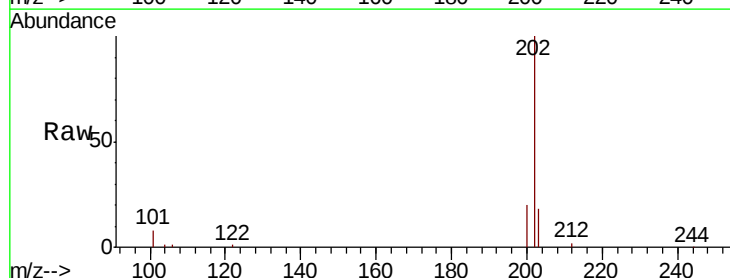
Tgt Ion:202 Resp: 19847

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.6

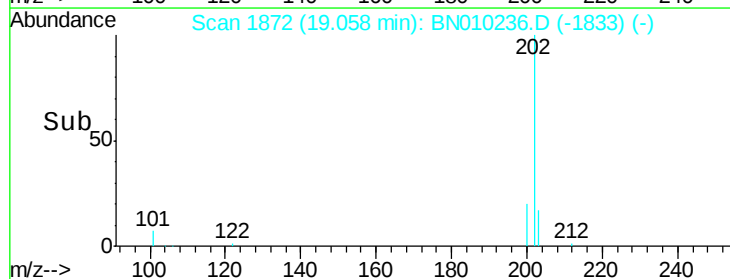
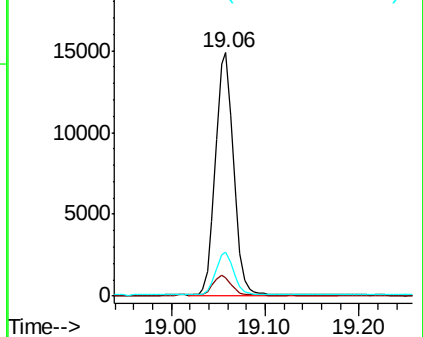
203 17.1 13.9 20.9

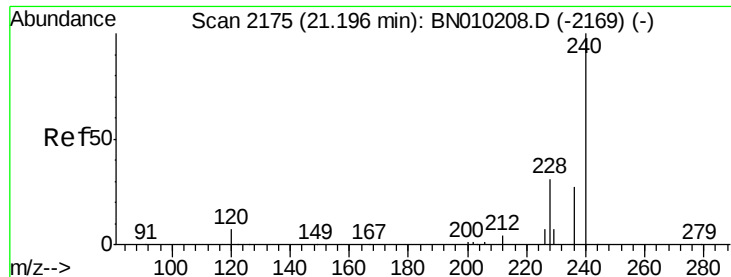


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

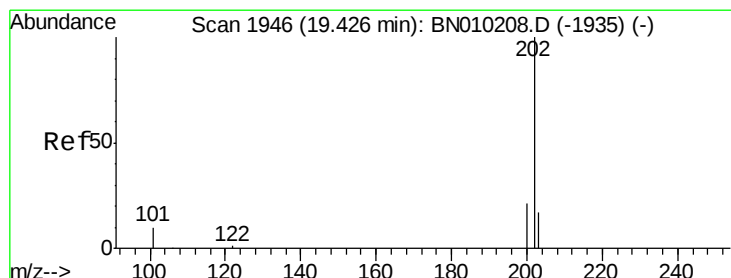
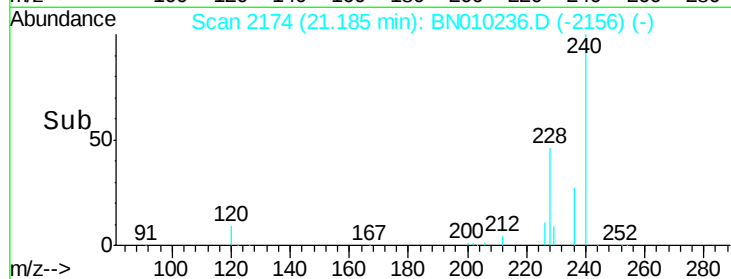
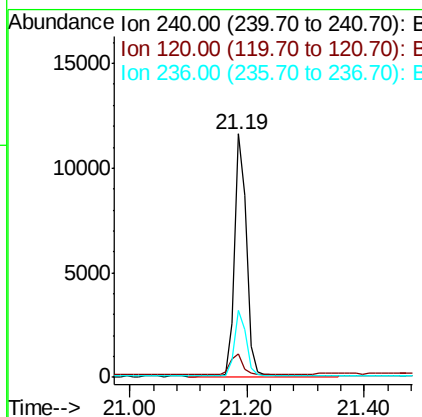
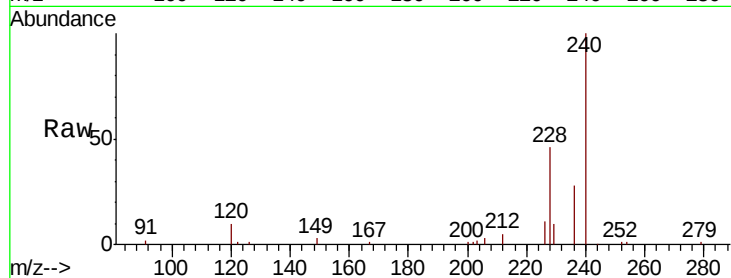




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BN010236.D
 Acq: 17 Mar 2020 12:58

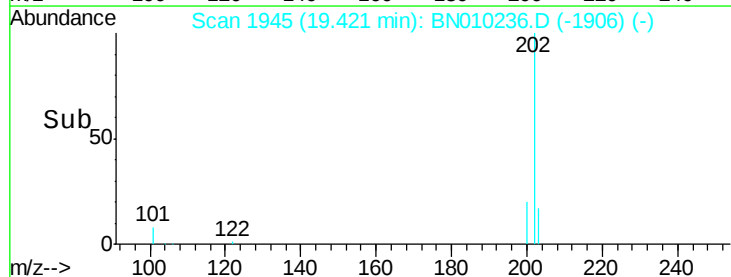
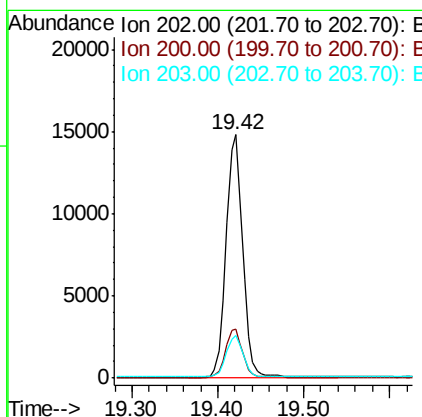
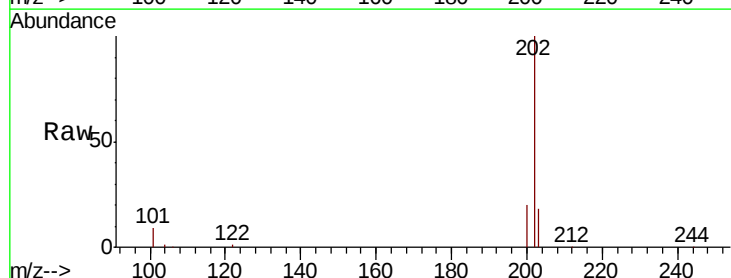
Instrument :
 BNA_N
 ClientSampleId :

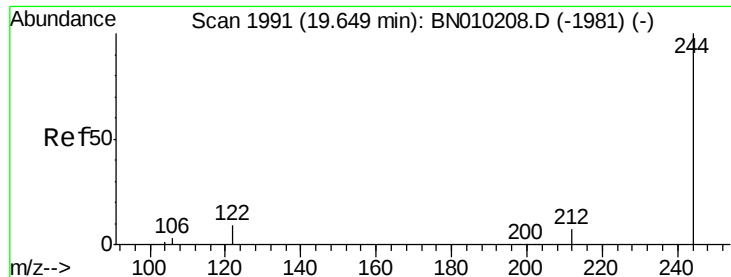
Tot Ion:240 Resp: 15960
 Ion Ratio Lower Upper
 240 100
 120 9.8 7.7 11.5
 236 27.7 21.8 32.6



#28
 Pyrene
 Concen: 0.372 ng
 RT: 19.42 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BN010236.D
 Acq: 17 Mar 2020 12:58

Tgt Ion:202 Resp: 19850
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.6 24.8
 203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.382 ng

RT: 19.64 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

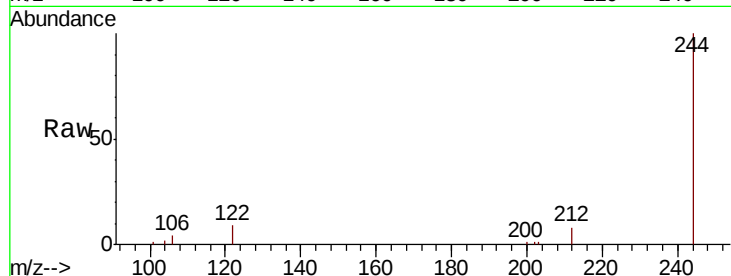
Tot Ion:244 Resp: 13917

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

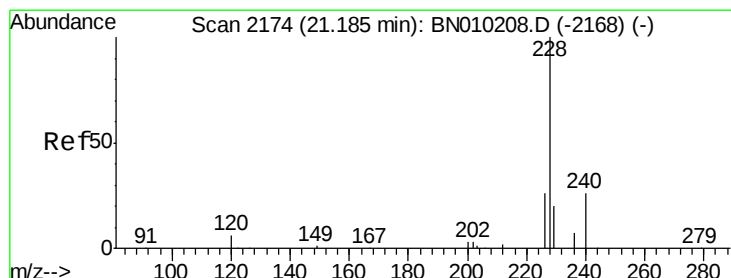
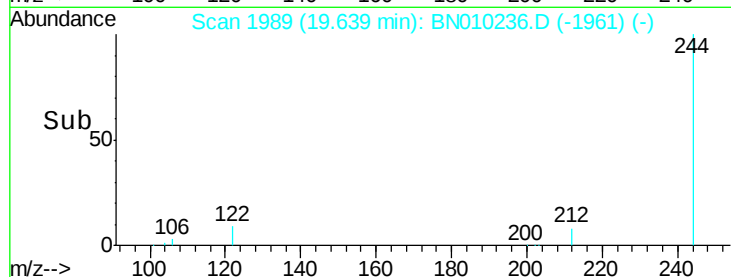
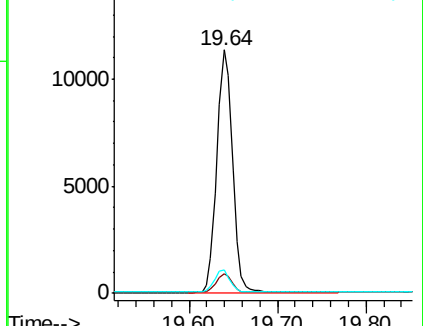
122 9.5 8.1 12.1



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: 0.342 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

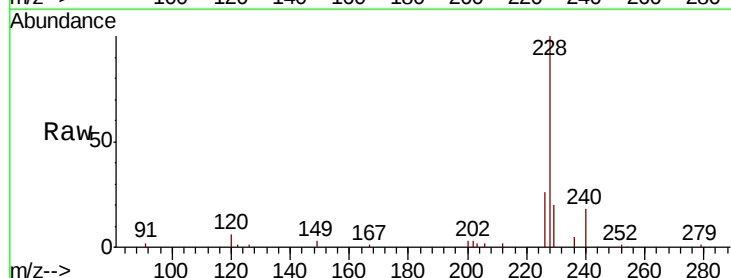
Tgt Ion:228 Resp: 18531

Ion Ratio Lower Upper

228 100

226 26.4 21.1 31.7

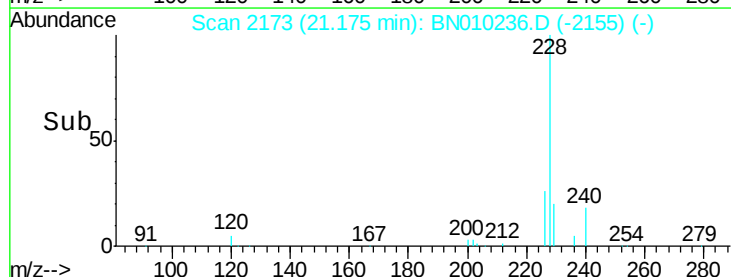
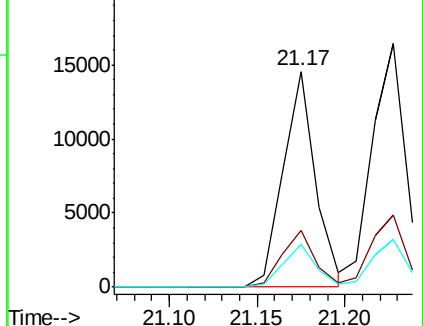
229 19.8 16.2 24.4

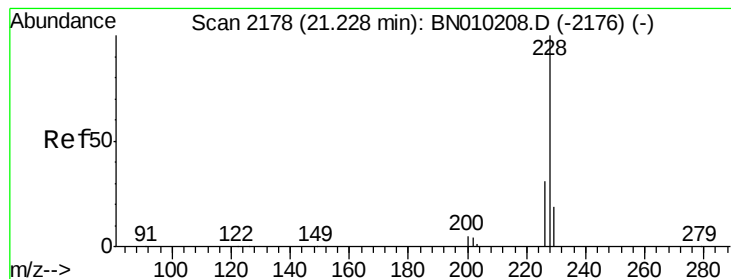


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.412 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

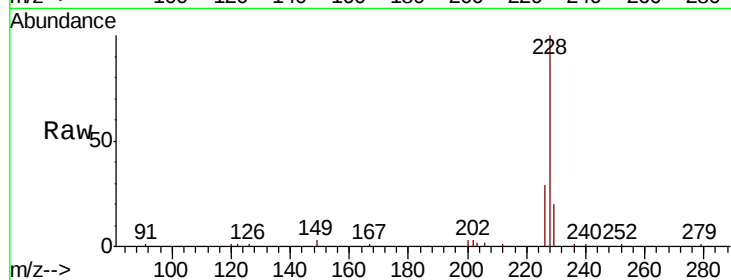
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 22003

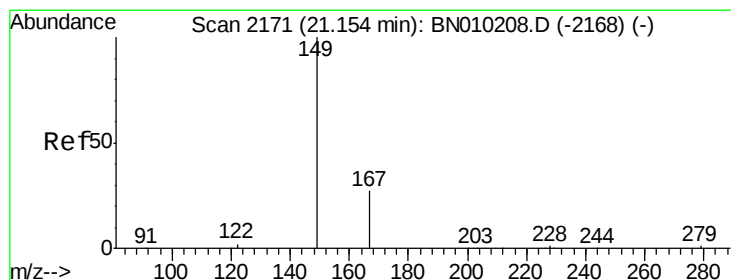
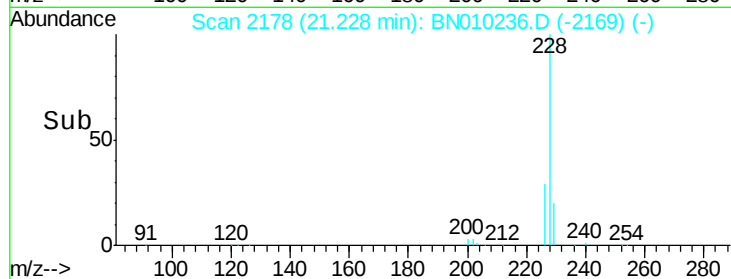
Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.4
229	19.8	15.7	23.5



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: 0.200 ng

RT: 21.14 min Scan# 2170

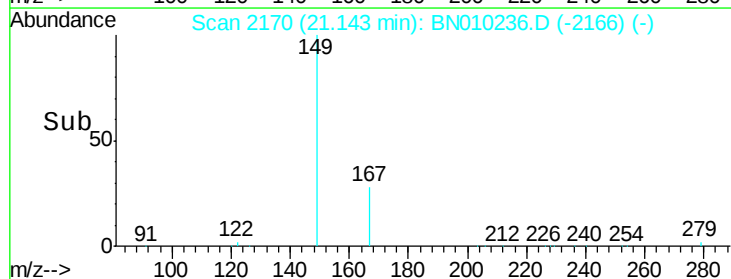
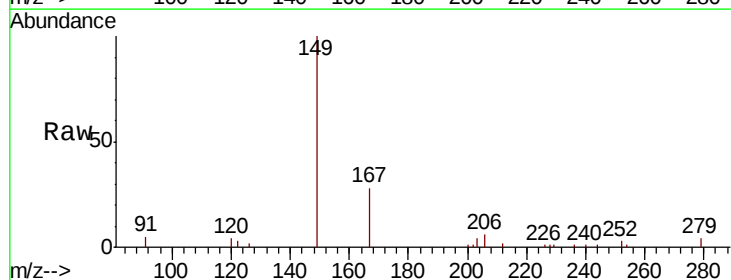
Delta R.T. -0.01 min

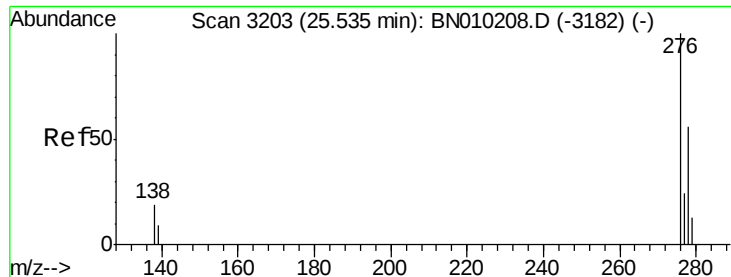
Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Tgt Ion:149 Resp: 4622

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.0	31.4
279	5.1	3.1	4.7#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.350 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.02 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

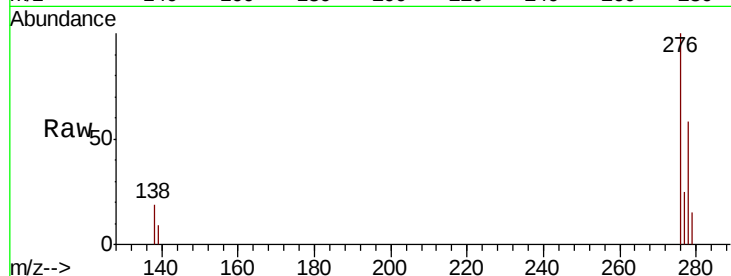
Tot Ion:276 Resp: 22174

Ion Ratio Lower Upper

276 100

138 18.6 15.8 23.6

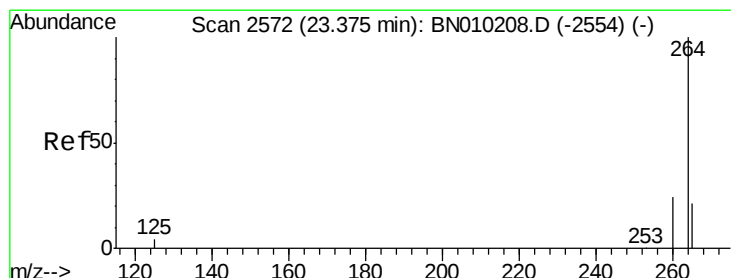
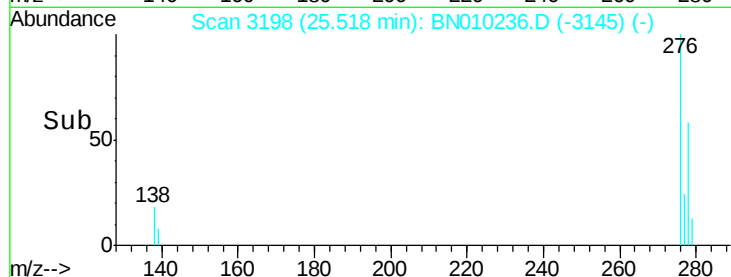
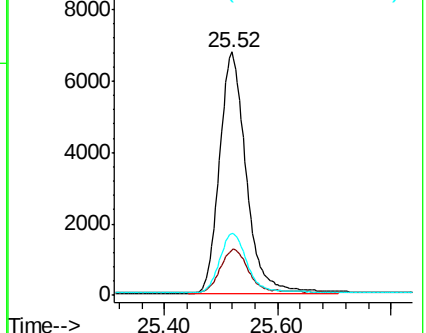
277 24.9 19.3 28.9



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: 23.37 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

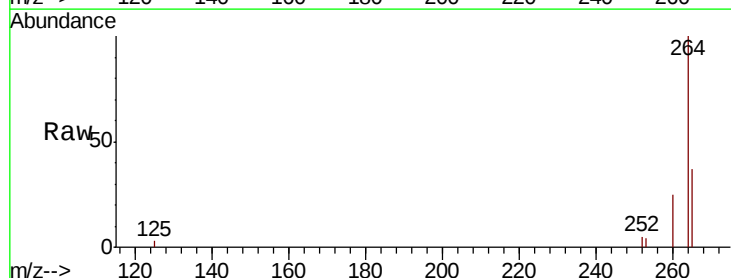
Tgt Ion:264 Resp: 16088

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

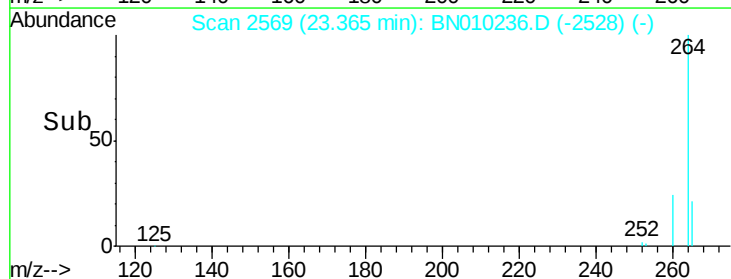
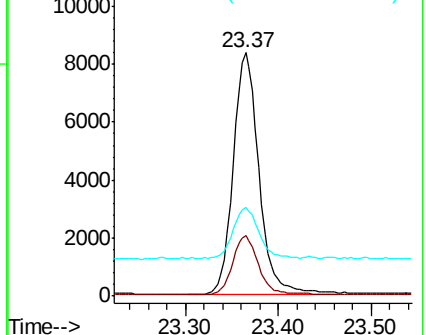
265 36.6 25.8 38.6

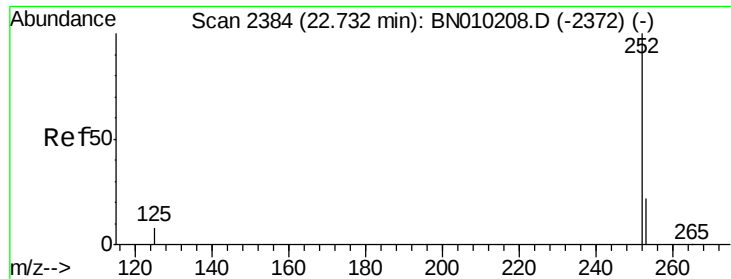


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

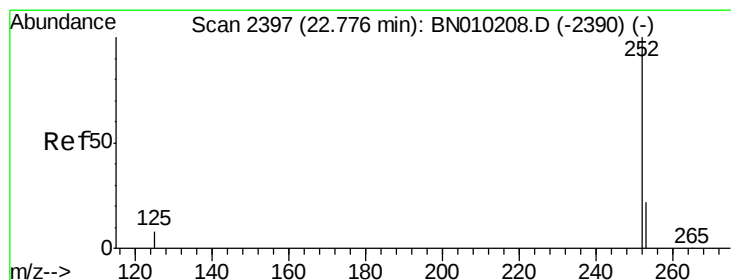
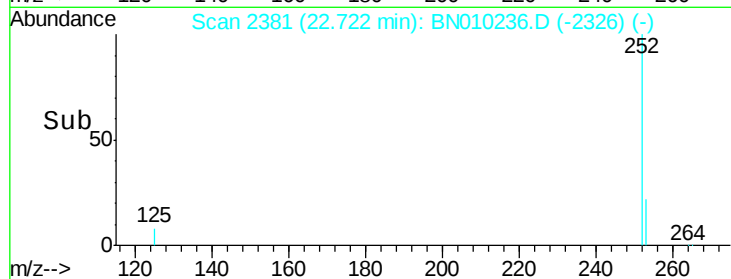
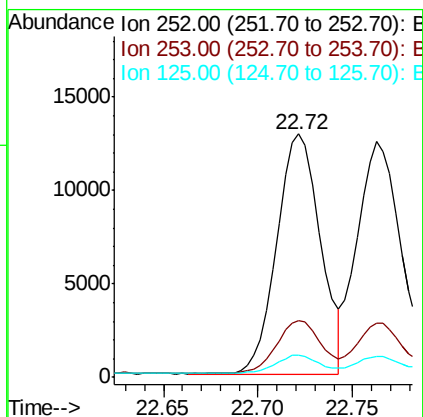
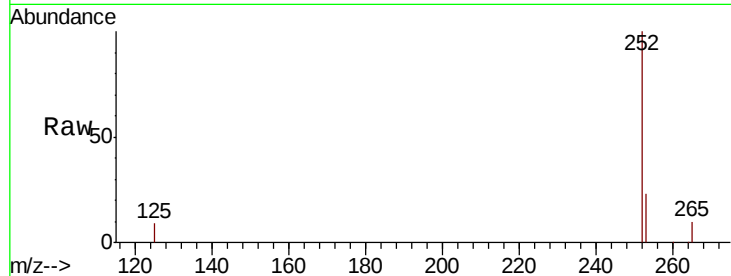




#35
Benzo(b)fluoranthene
Concen: 0.414 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN010236.D
Acq: 17 Mar 2020 12:58

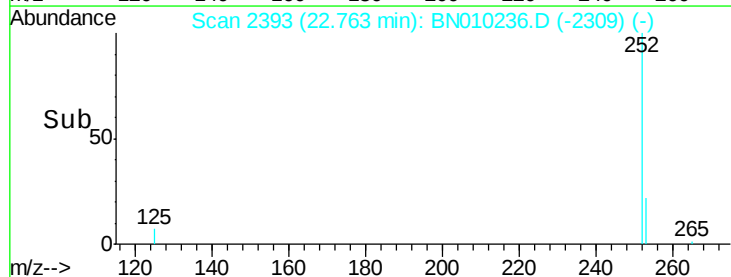
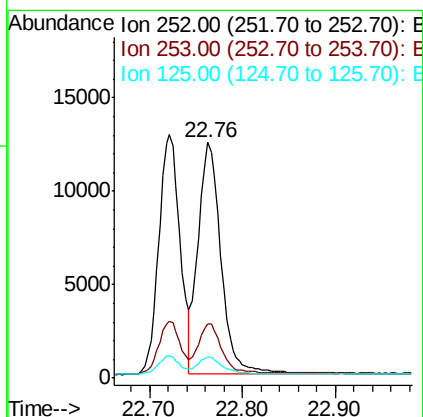
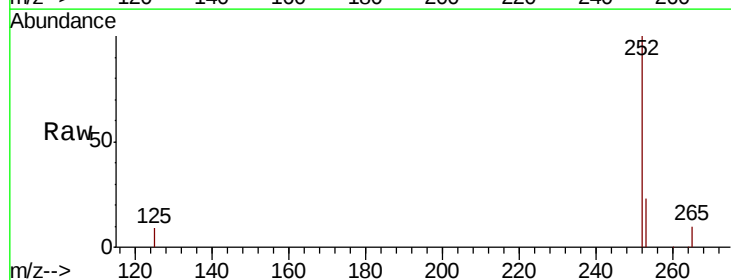
Instrument :
BNA_N
ClientSampleId :

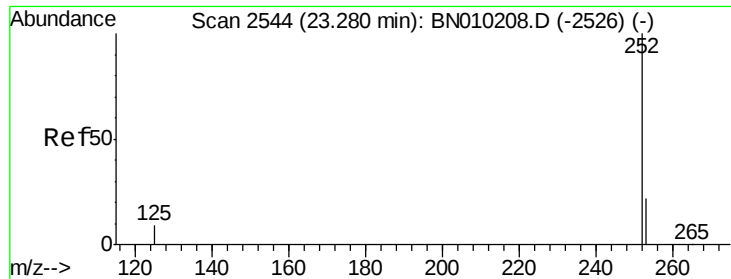
Tot Ion:252 Resp: 20466
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 9.3 7.9 11.9



#36
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 22.76 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BN010236.D
Acq: 17 Mar 2020 12:58

Tgt Ion:252 Resp: 21183
Ion Ratio Lower Upper
252 100
253 23.2 18.8 28.2
125 8.9 8.2 12.4





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :

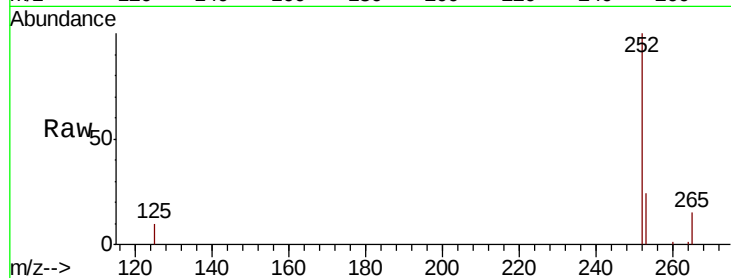
Tot Ion:252 Resp: 17355

Ion Ratio Lower Upper

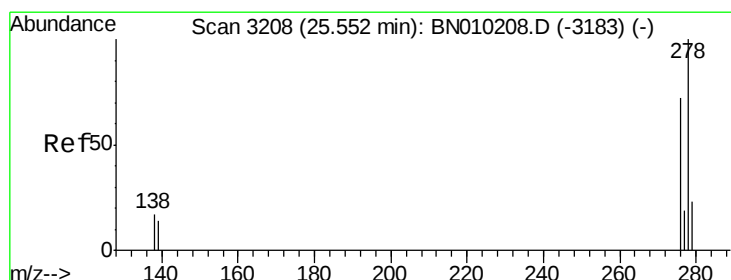
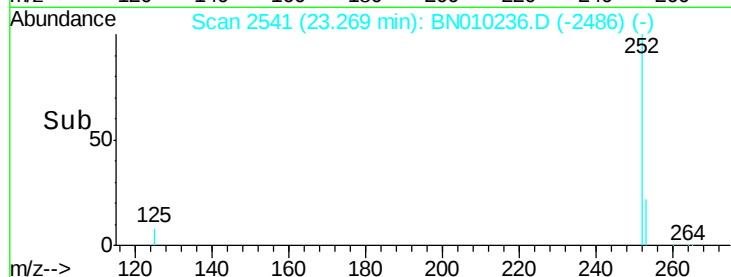
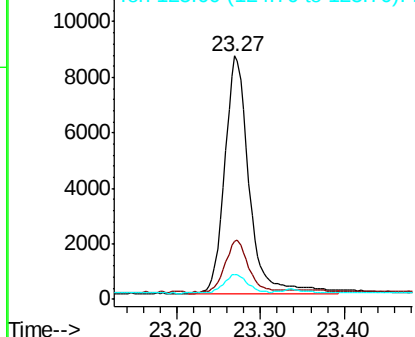
252 100

253 23.8 19.1 28.7

125 10.2 9.2 13.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.395 ng

RT: 25.54 min Scan# 3203

Delta R.T. -0.02 min

Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

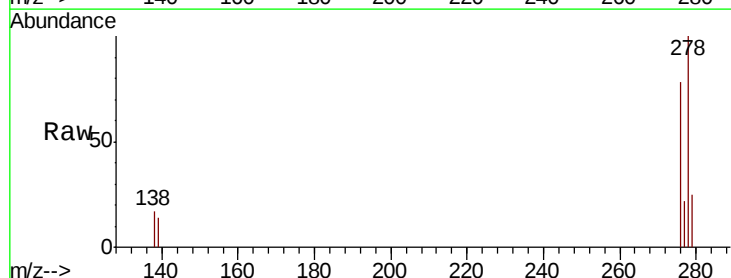
Tgt Ion:278 Resp: 18499

Ion Ratio Lower Upper

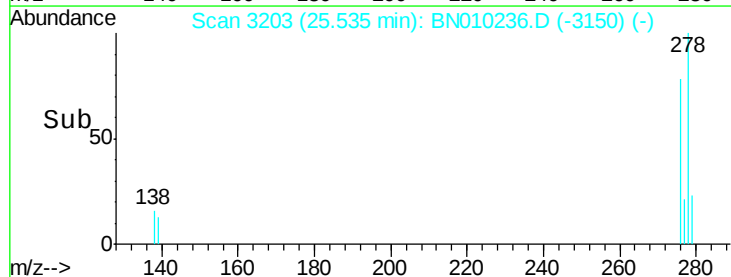
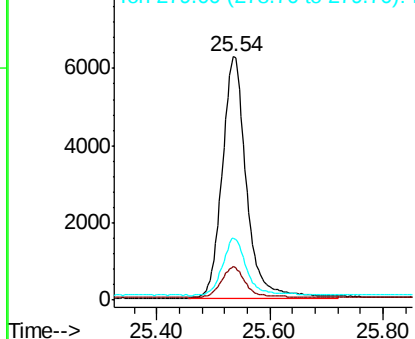
278 100

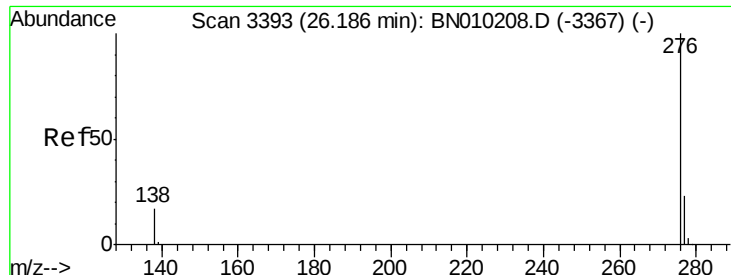
139 13.9 12.4 18.6

279 25.2 20.2 30.2



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: 0.406 ng

RT: 26.17 min Scan# 3388

Delta R.T. -0.02 min

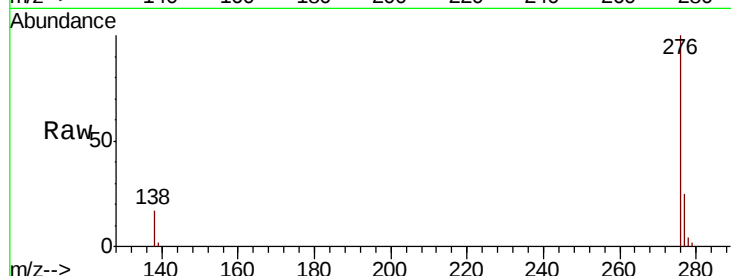
Lab File: BN010236.D

Acq: 17 Mar 2020 12:58

Instrument :

BNA_N

ClientSampleId :



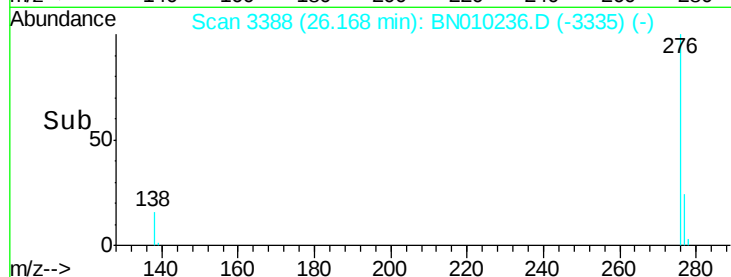
Tot Ion: 276 Resp: 18990

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.2

138 16.8 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

