

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
 Data File : BN010208.D
 Acq On : 13 Mar 2020 19:47
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 01:40:10 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 01:33:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	2955	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	10850	0.40	ng	0.00
13) Acenaphthene-d10	14.26	164	7151	0.40	ng	0.00
19) Phenanthrene-d10	17.00	188	16800	0.40	ng	0.00
27) Chrysene-d12	21.20	240	17801	0.40	ng	0.00
34) Perylene-d12	23.38	264	19955	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	2934	0.45	ng	0.00
5) Phenol-d6	6.82	99	3740	0.47	ng	0.00
8) Nitrobenzene-d5	8.77	82	2583	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.99	152	7029	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.75	330	1008	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	10361	0.38	ng	0.00
25) Fluoranthene-d10	19.03	212	20526	0.35	ng	0.00
29) Terphenyl-d14	19.65	244	16461	0.39	ng	0.00

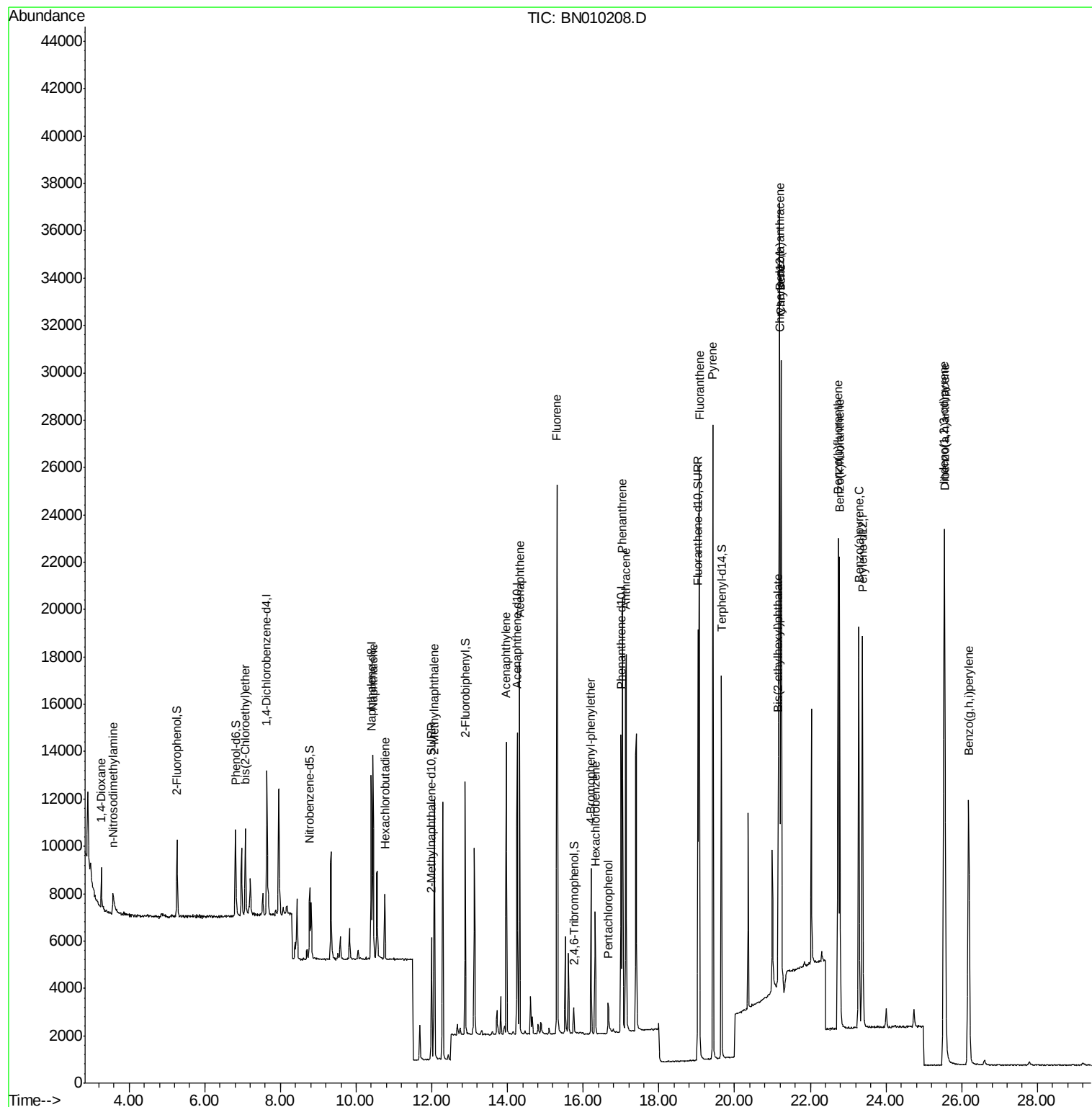
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1247	0.412	ng	# 100
3) n-Nitrosodimethylamine	3.58	42	918	0.185	ng	# 100
6) bis(2-Chloroethyl)ether	7.07	93	2854	0.367	ng	95
9) Naphthalene	10.44	128	10928	0.369	ng	100
10) Hexachlorobutadiene	10.76	225	2497	0.384	ng	# 100
12) 2-Methylnaphthalene	12.06	142	7802	0.385	ng	100
16) Acenaphthylene	13.97	152	13178	0.432	ng	100
17) Acenaphthene	14.31	154	7964	0.372	ng	100
18) Fluorene	15.31	166	10892	0.385	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	3861	0.330	ng	100
21) Hexachlorobenzene	16.32	284	3793	0.363	ng	100
22) Pentachlorophenol	16.66	266	1064	0.397	ng	100
23) Phenanthrene	17.04	178	18138	0.363	ng	100
24) Anthracene	17.13	178	18149	0.429	ng	100
26) Fluoranthene	19.06	202	23004	0.384	ng	100
28) Pyrene	19.43	202	23725	0.351	ng	100
30) Benzo(a)anthracene	21.19	228	23883	0.404	ng	100
31) Chrysene	21.23	228	23727	0.347	ng	100
32) Bis(2-ethylhexyl)phthalate	21.15	149	9645	0.335	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.54	276	28556	0.401	ng	# 100
35) Benzo(b)fluoranthene	22.73	252	24458	0.335	ng	100
36) Benzo(k)fluoranthene	22.78	252	24852	0.313	ng	100
37) Benzo(a)pyrene	23.28	252	23073	0.347	ng	100
38) Dibenzo(a,h)anthracene	25.55	278	23270	0.355	ng	100
39) Benzo(g,h,i)perylene	26.19	276	23306	0.334	ng	100

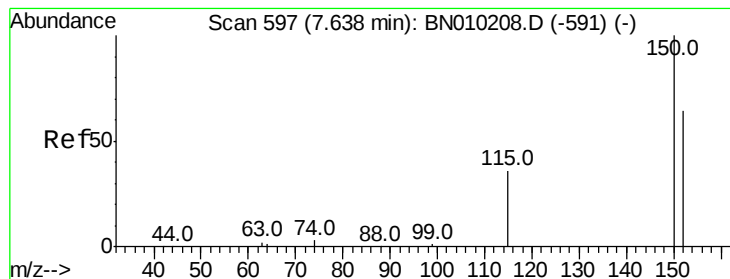
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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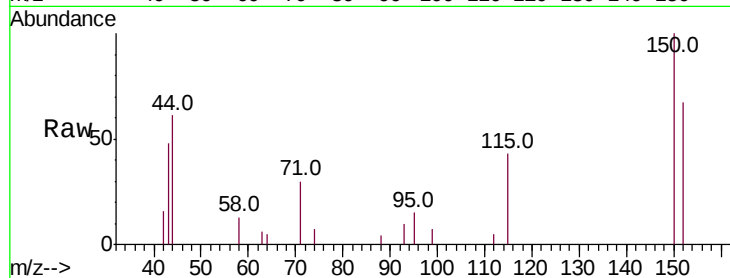


#1

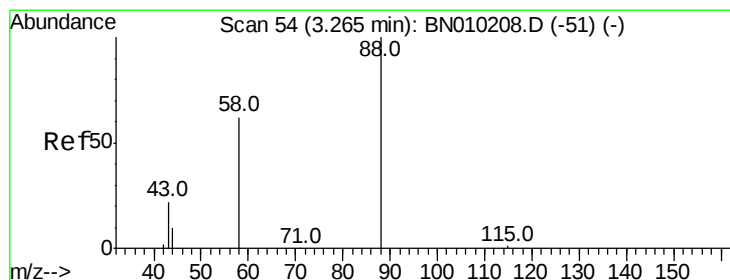
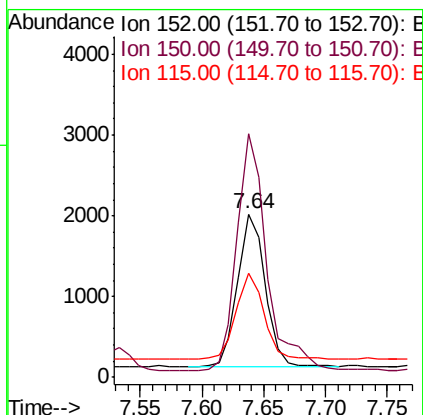
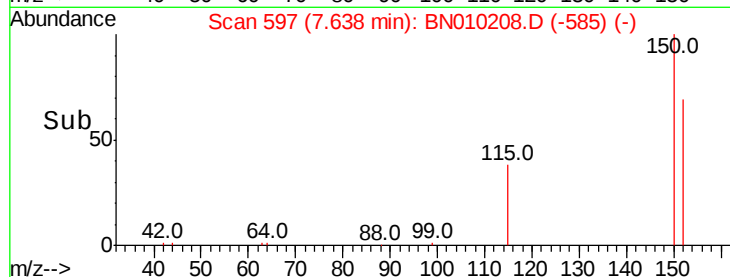
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2955
Ion Ratio Lower Upper
152 100
150 149.4 119.5 179.3
115 63.6 50.9 76.3



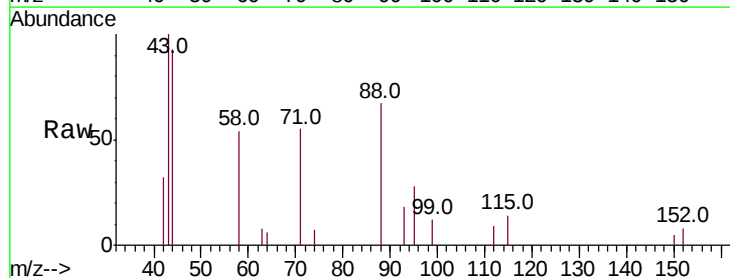
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



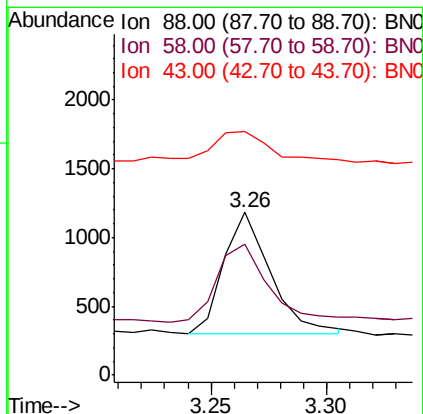
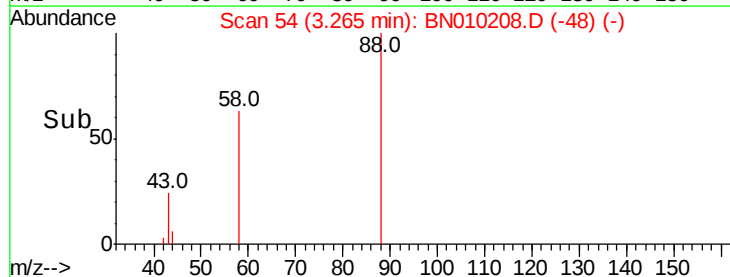
#2

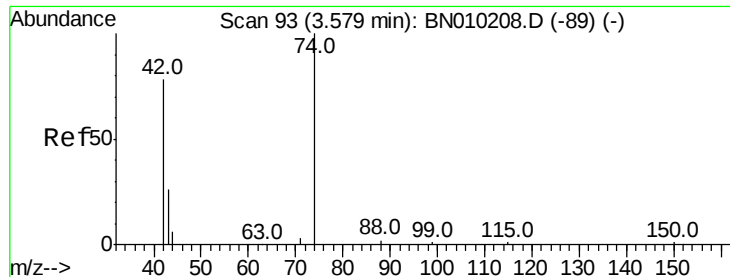
1,4-Dioxane
Concen: 0.412 ng
RT: 3.26 min Scan# 54
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion: 88 Resp: 1247
Ion Ratio Lower Upper
88 100
58 68.2 0.0 0.0#
43 24.6 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.185 ng

RT: 3.58 min Scan# 93

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

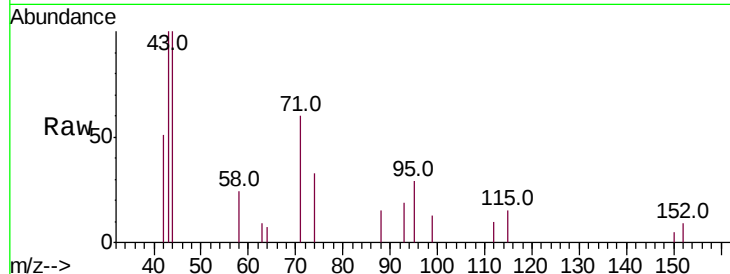
Tot Ion: 42 Resp: 918

Ion Ratio Lower Upper

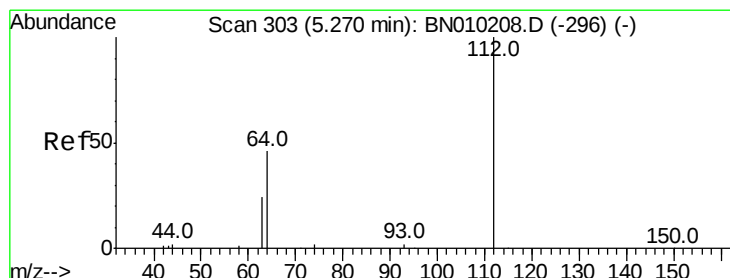
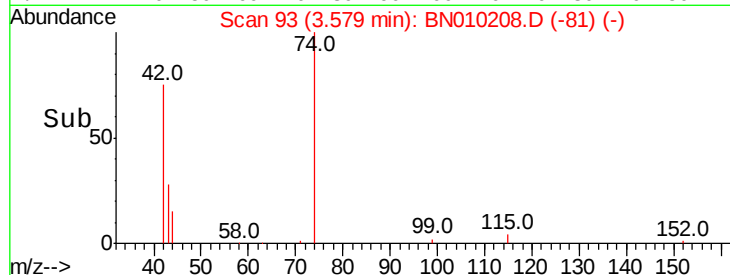
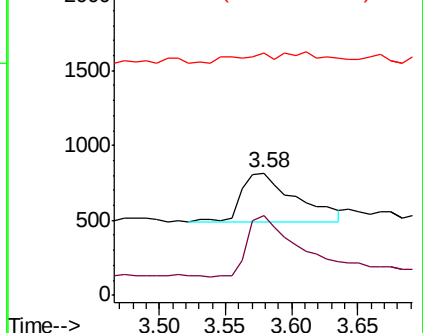
42 100

74 125.5 0.0 0.0#

44 11.8 0.0 0.0#



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: 0.447 ng

RT: 5.27 min Scan# 303

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

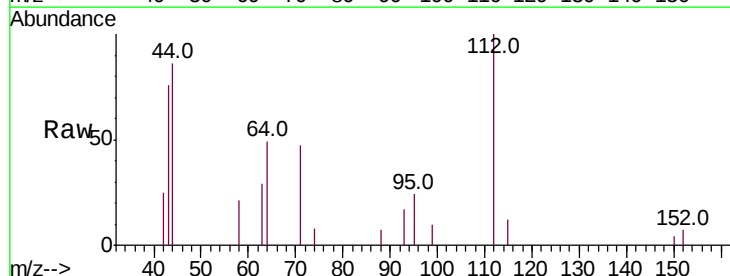
Tgt Ion: 112 Resp: 2934

Ion Ratio Lower Upper

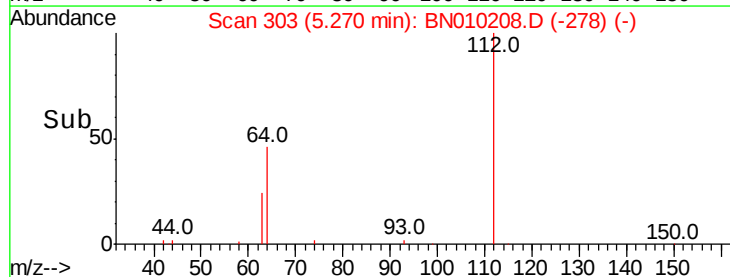
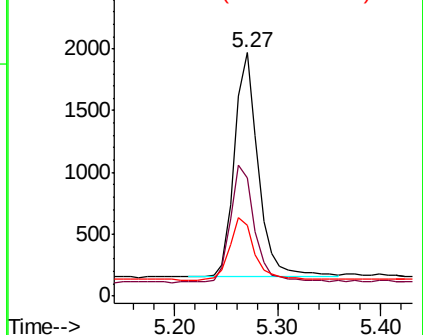
112 100

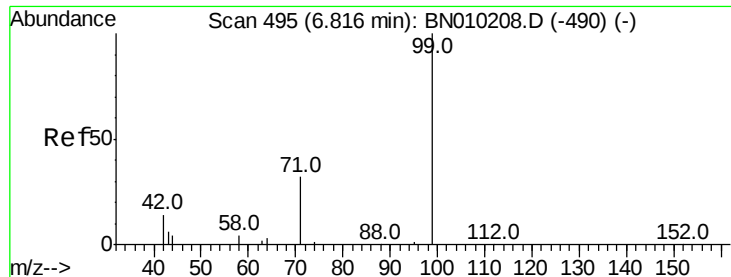
64 53.2 42.6 63.8

63 29.5 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: 0.468 ng

RT: 6.82 min Scan# 495

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

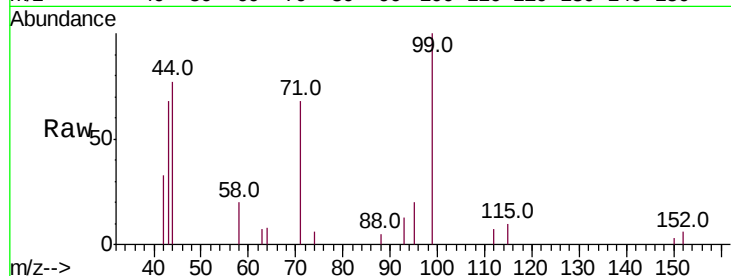
Tot Ion: 99 Resp: 3740

Ion Ratio Lower Upper

99 100

42 21.3 12.0 18.0#

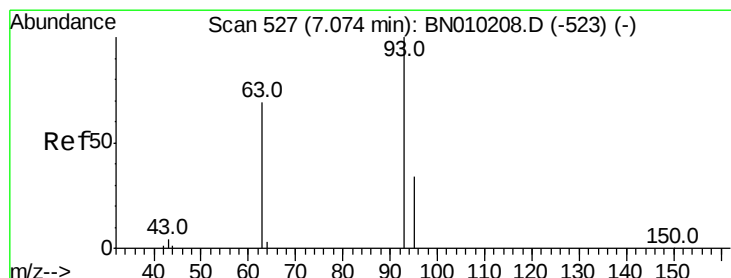
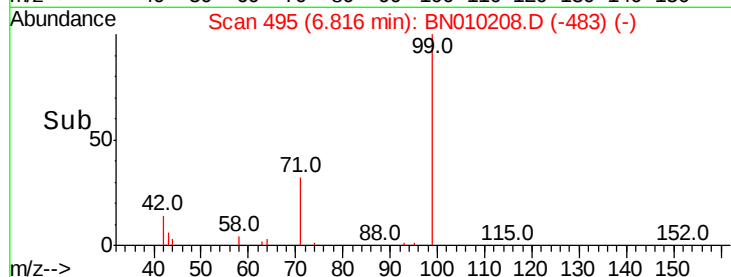
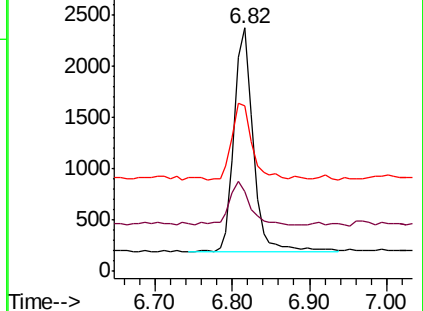
71 36.0 22.6 33.8#



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: 0.367 ng

RT: 7.07 min Scan# 527

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

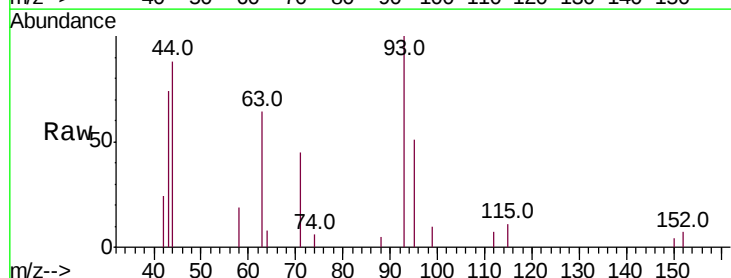
Tgt Ion: 93 Resp: 2854

Ion Ratio Lower Upper

93 100

63 70.8 53.4 80.0

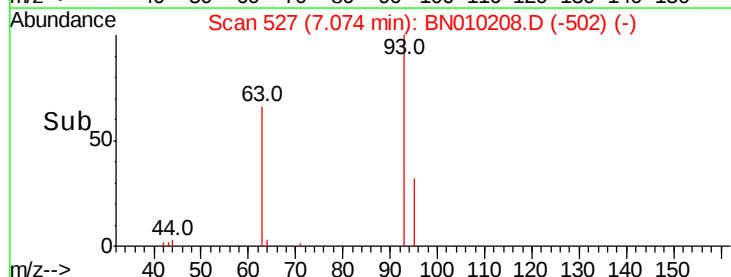
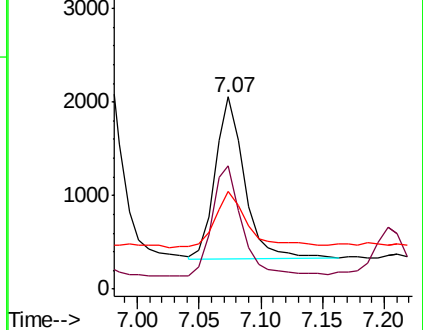
95 37.9 28.6 42.8

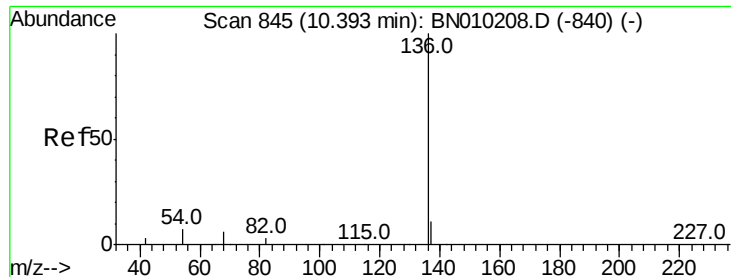


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

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: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 10850

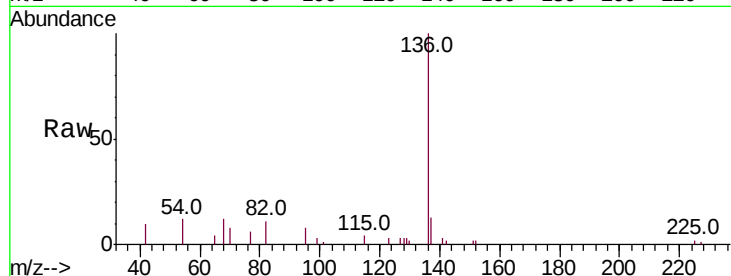
Ion Ratio Lower Upper

136 100

137 13.2 10.6 15.8

54 11.9 9.5 14.3

68 12.1 9.7 14.5

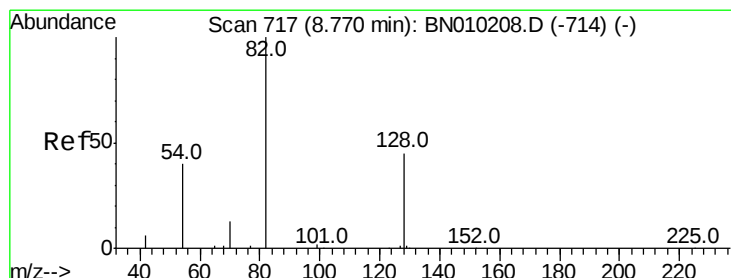
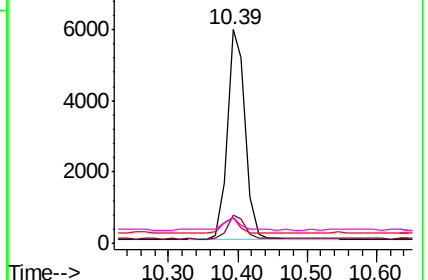
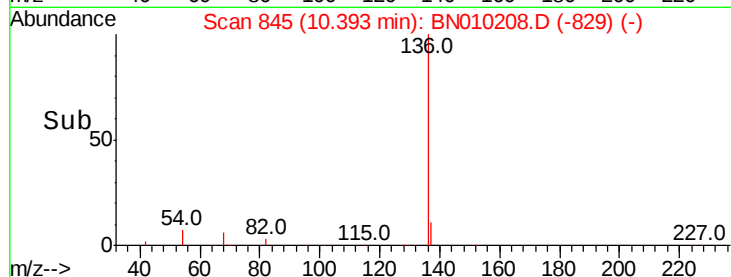


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.286 ng

RT: 8.77 min Scan# 717

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

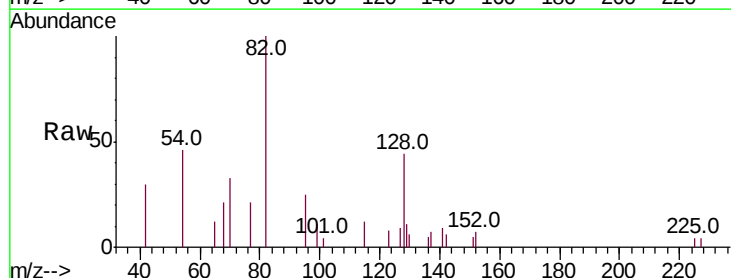
Tgt Ion: 82 Resp: 2583

Ion Ratio Lower Upper

82 100

128 43.8 35.0 52.6

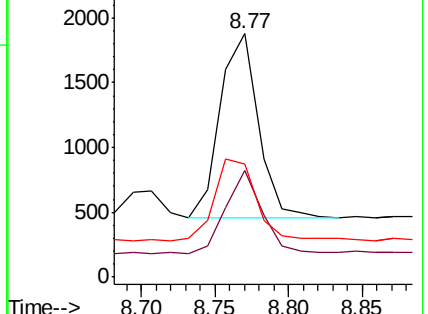
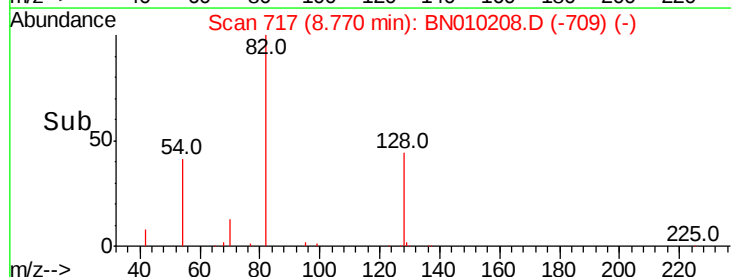
54 46.2 37.0 55.4

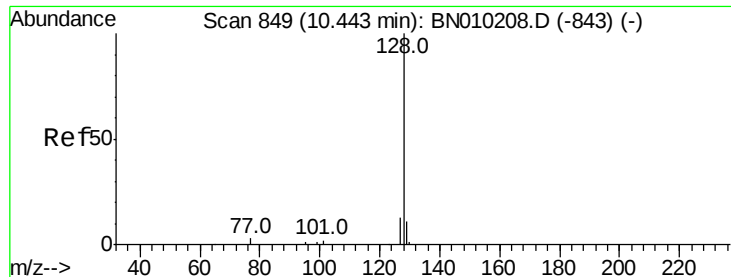


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

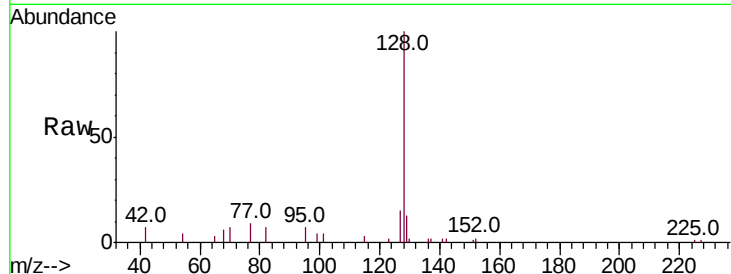




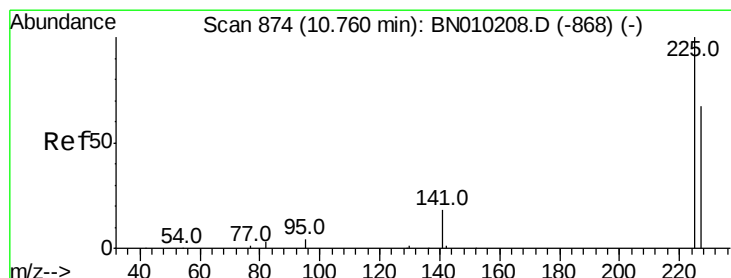
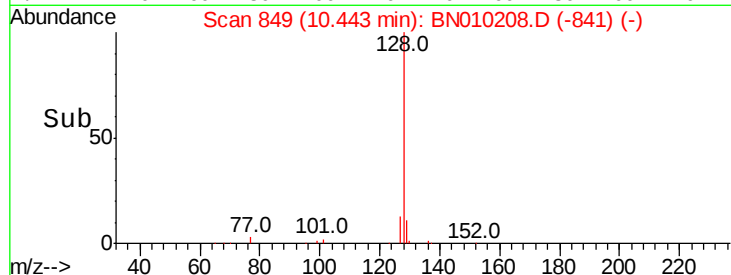
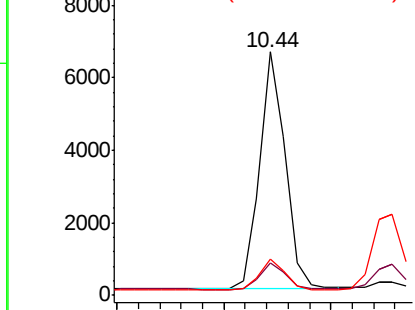
#9
Naphthalene
Concen: 0.369 ng
RT: 10.44 min Scan# 849
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Instrument :
BNA_N
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Tot Ion:128 Resp: 10928
Ion Ratio Lower Upper
128 100
129 13.1 10.5 15.7
127 15.1 12.1 18.1

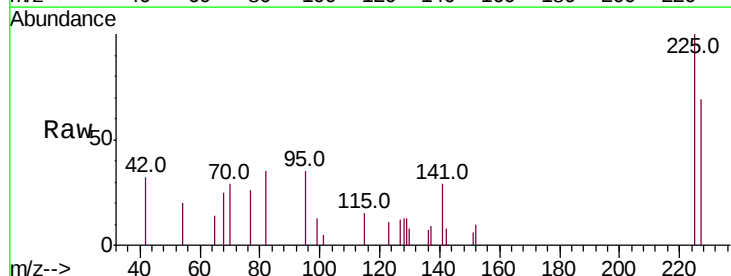


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

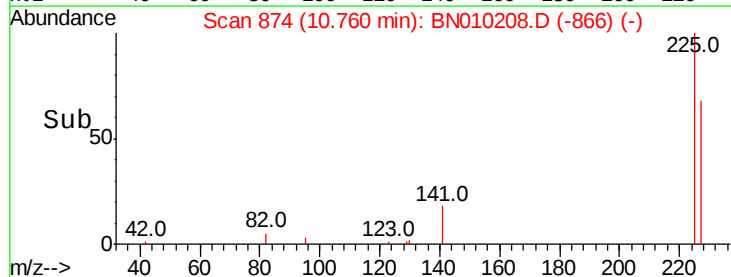
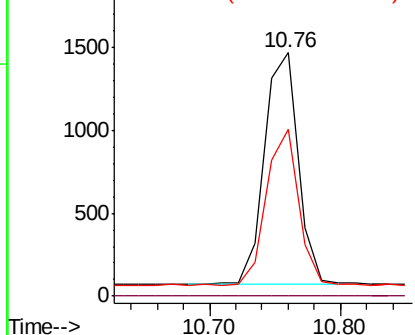


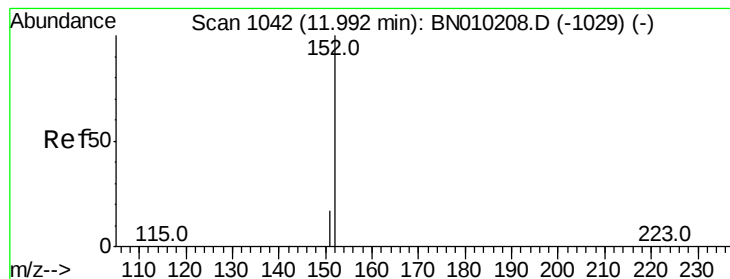
#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.76 min Scan# 874
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion:225 Resp: 2497
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.6 0.0 0.0#



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: 0.335 ng

RT: 11.99 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

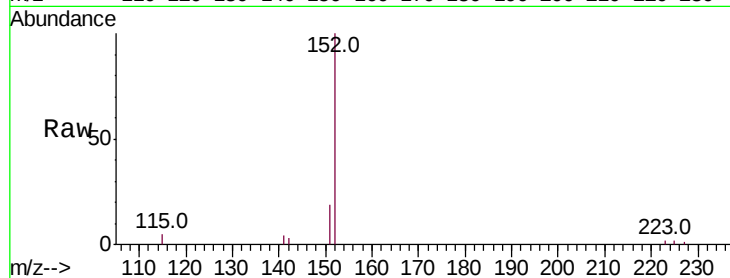
ClientSampleId :

Tot Ion:152 Resp: 7029

Ion Ratio Lower Upper

152 100

151 18.8 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.99

5000

4000

3000

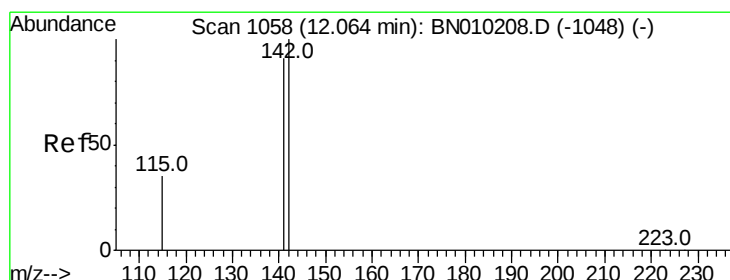
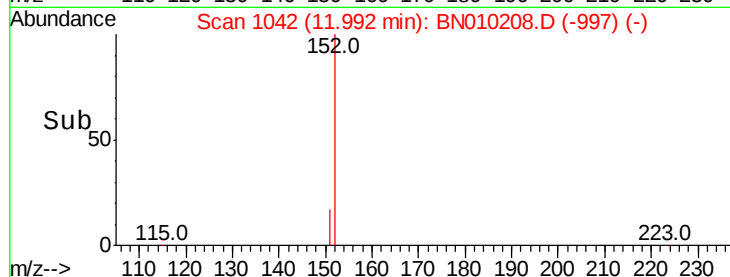
2000

1000

0

Time-->

11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.385 ng

RT: 12.06 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

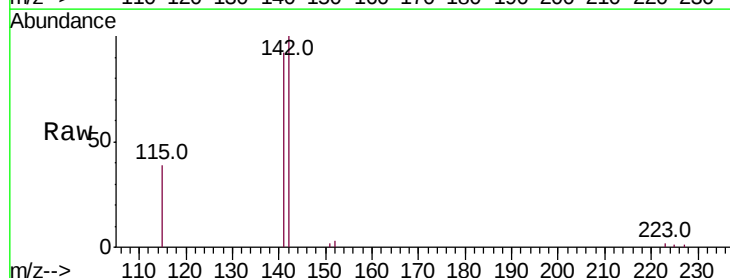
Tgt Ion:142 Resp: 7802

Ion Ratio Lower Upper

142 100

141 92.1 73.7 110.5

115 39.0 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

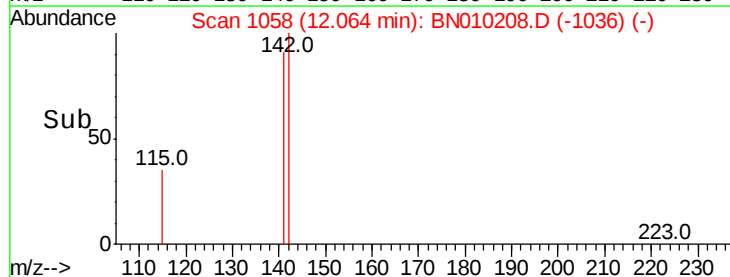
4000

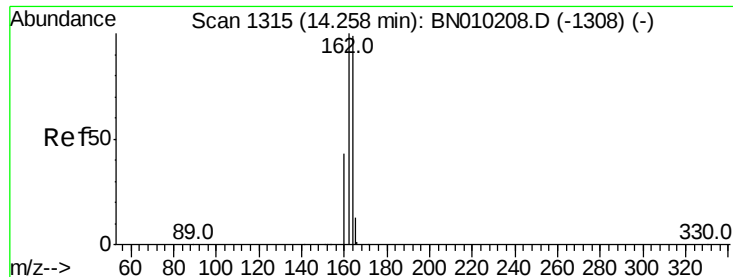
2000

0

Time-->

12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

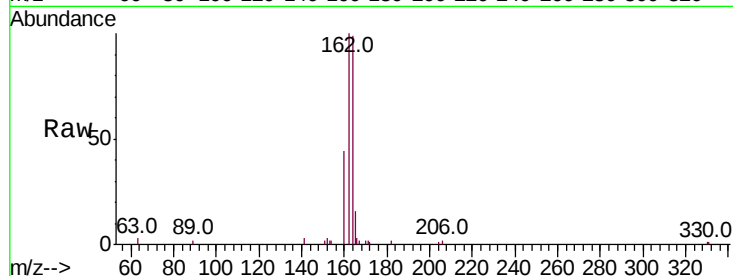
Tot Ion:164 Resp: 7151

Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.4

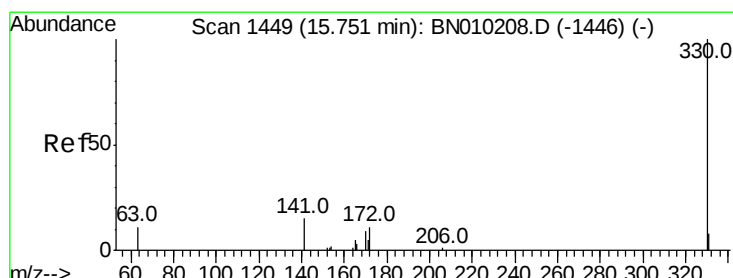
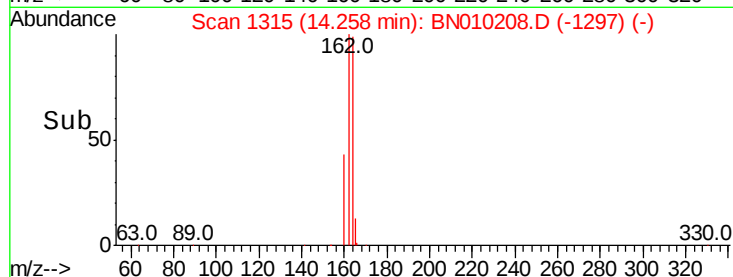
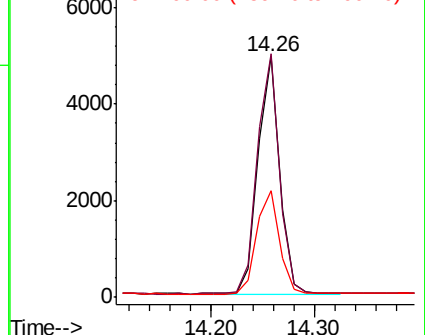
160 44.5 35.6 53.4



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: 0.366 ng

RT: 15.75 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

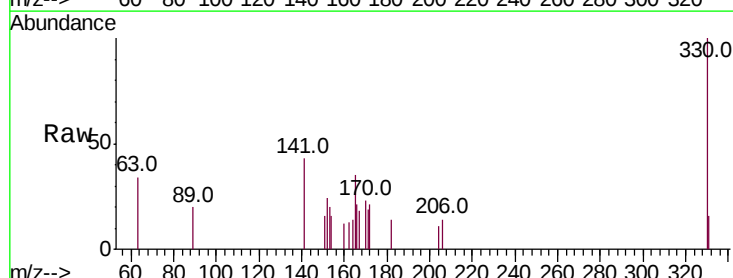
Tgt Ion:330 Resp: 1008

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

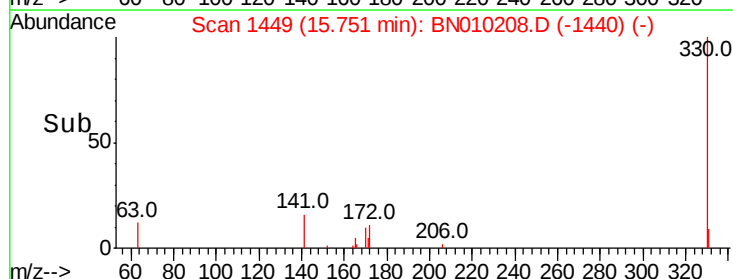
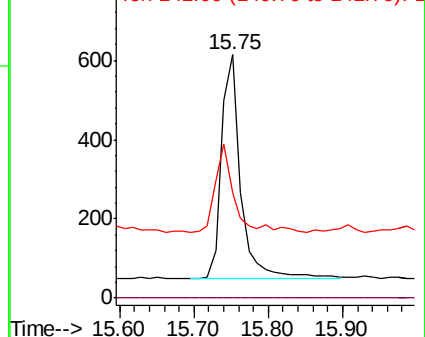
141 35.5 25.1 37.7

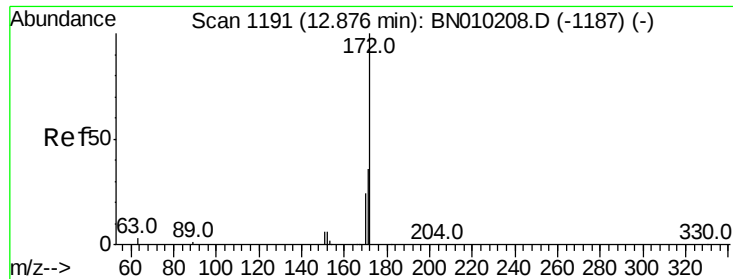


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

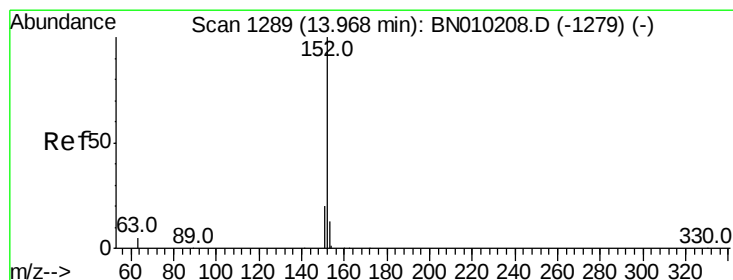
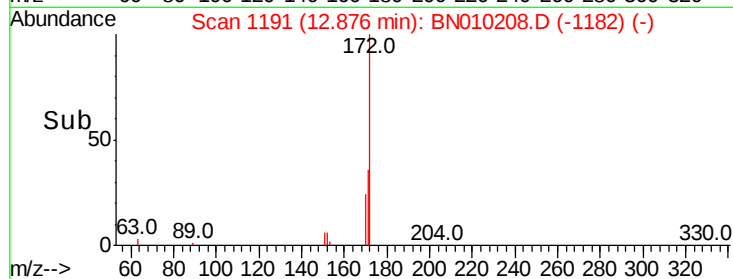
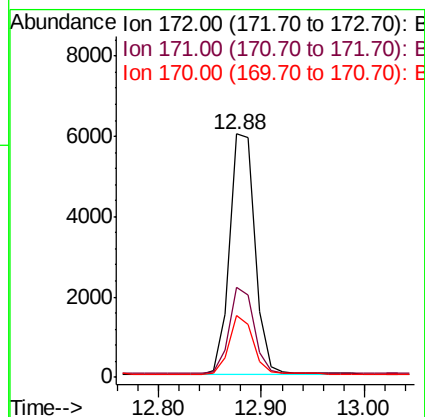
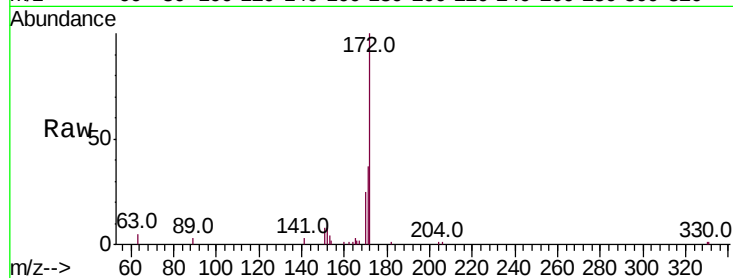




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.88 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

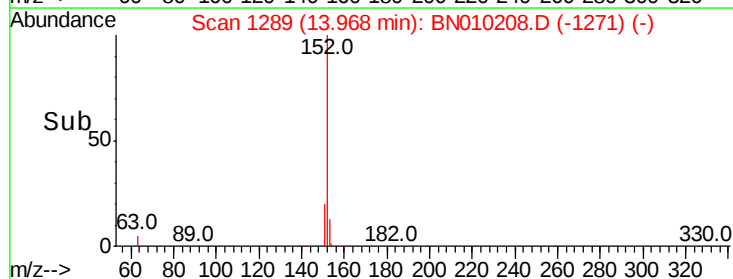
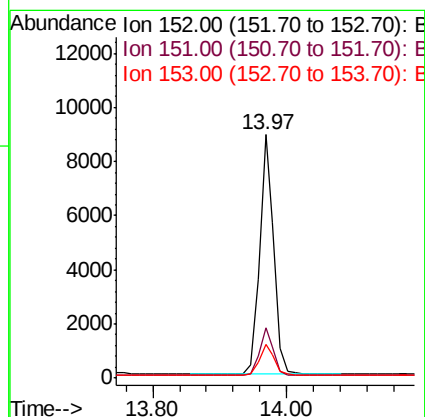
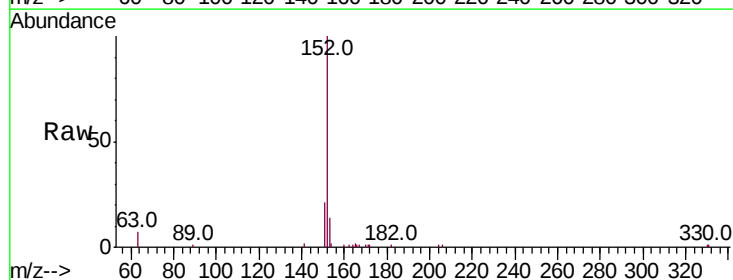
Instrument :
BNA_N
ClientSampleId :

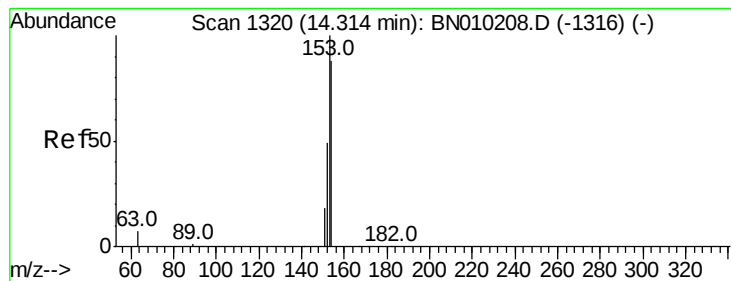
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	25.3	20.2	30.4



#16
Acenaphthylene
Concen: 0.432 ng
RT: 13.97 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BN010208.D
Acq: 13 Mar 2020 19:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.3	10.6	16.0





#17

Acenaphthene

Concen: 0.372 ng

RT: 14.31 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

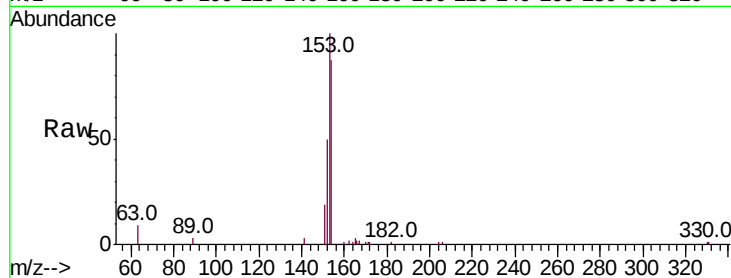
Tot Ion:154 Resp: 7964

Ion Ratio Lower Upper

154 100

153 112.9 90.3 135.5

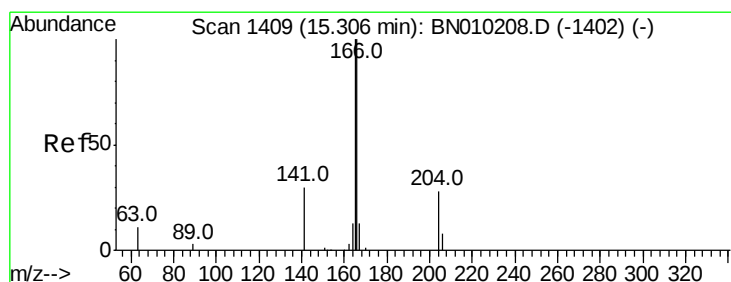
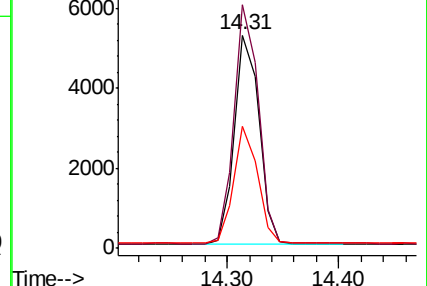
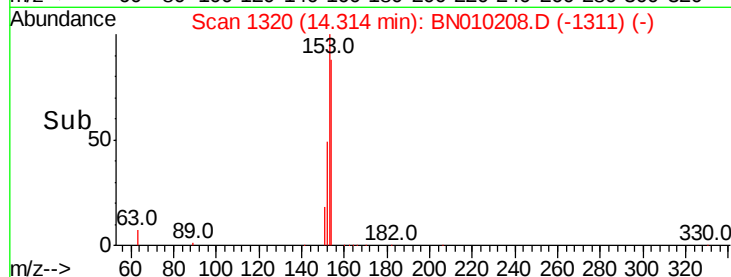
152 53.6 42.9 64.3



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: 0.385 ng

RT: 15.31 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

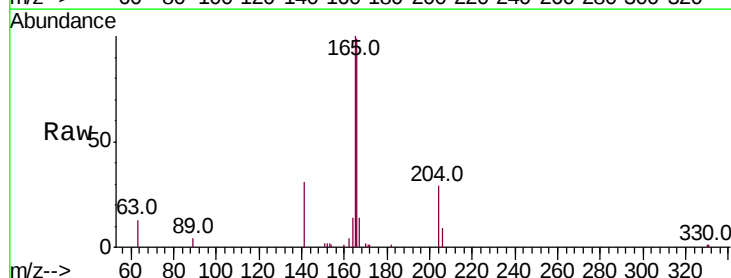
Tgt Ion:166 Resp: 10892

Ion Ratio Lower Upper

166 100

165 98.0 78.3 117.5

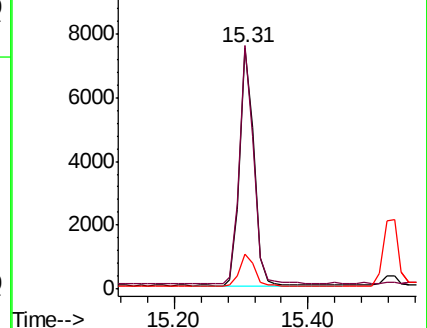
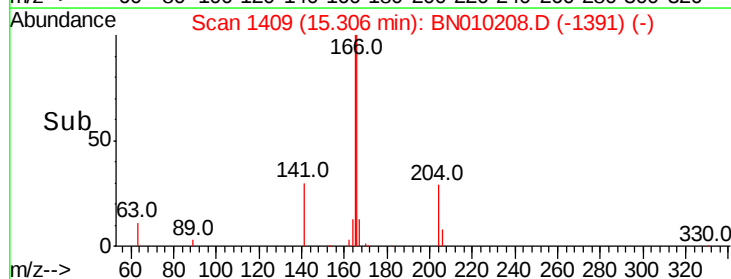
167 13.4 10.7 16.1

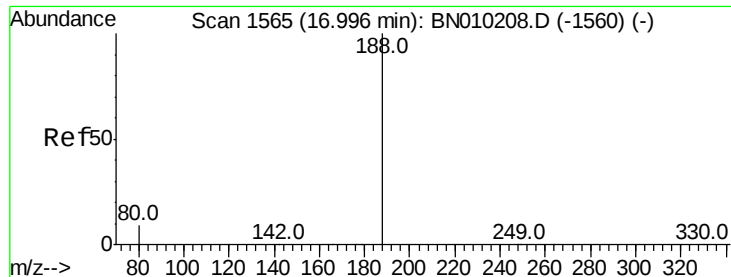


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

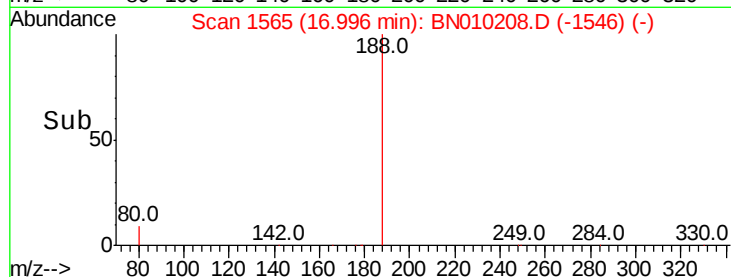
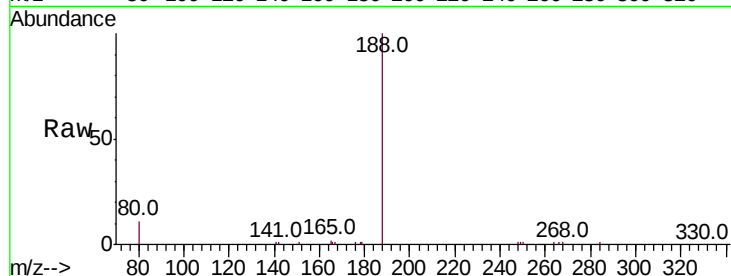
Tot Ion:188 Resp: 16800

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

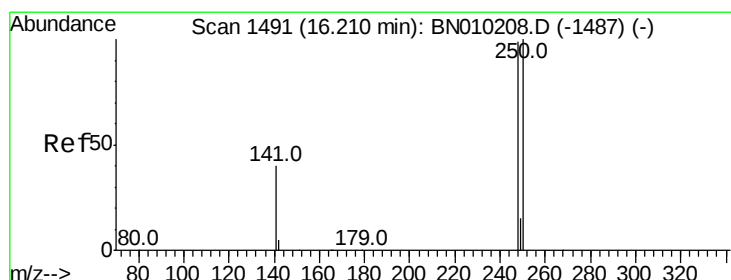
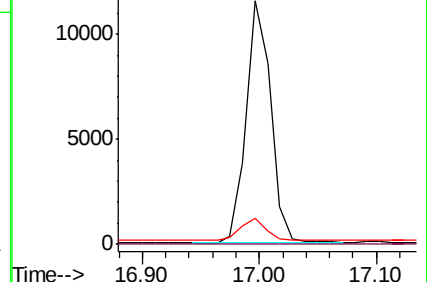
80 10.7 8.6 12.8



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: 0.330 ng

RT: 16.21 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

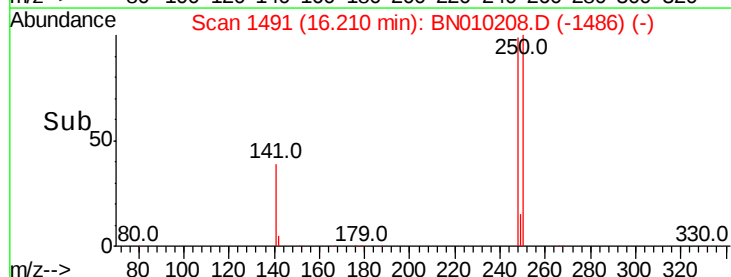
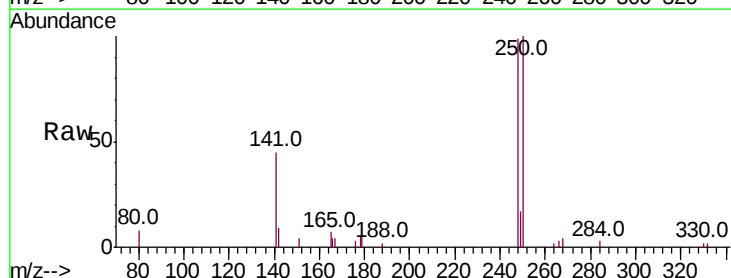
Tgt Ion:248 Resp: 3861

Ion Ratio Lower Upper

248 100

250 101.5 81.2 121.8

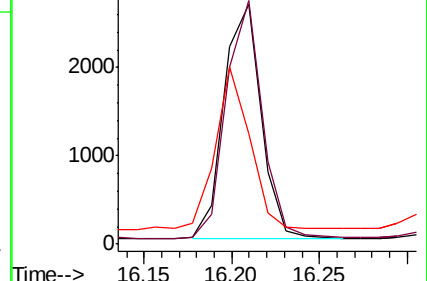
141 45.9 36.7 55.1

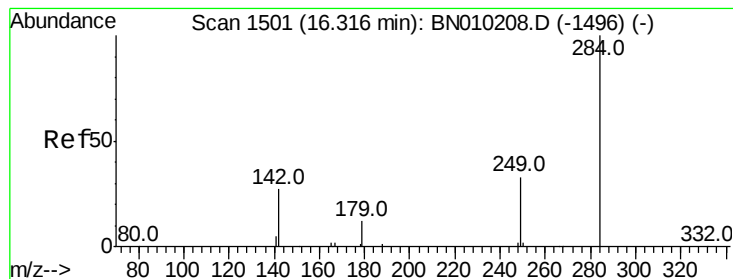


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.363 ng

RT: 16.32 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

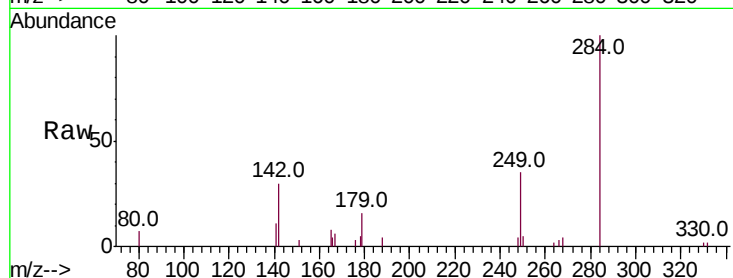
Tot Ion:284 Resp: 3793

Ion Ratio Lower Upper

284 100

142 34.7 27.8 41.6

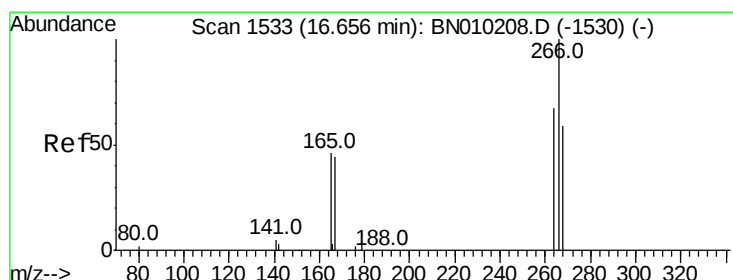
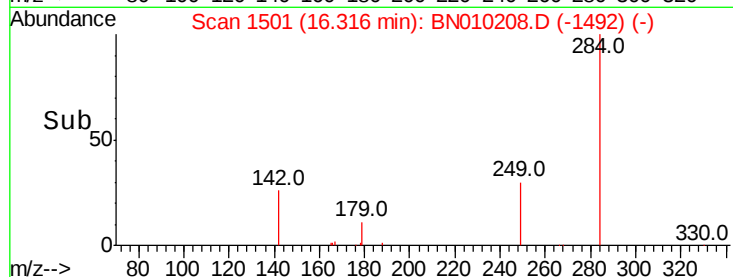
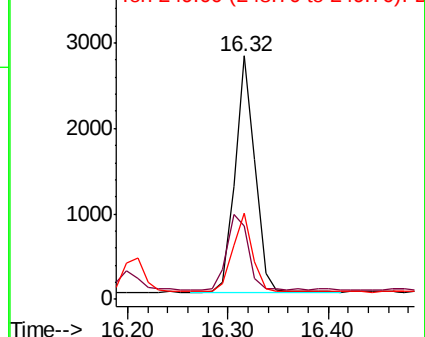
249 33.2 26.6 39.8



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: 0.397 ng

RT: 16.66 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

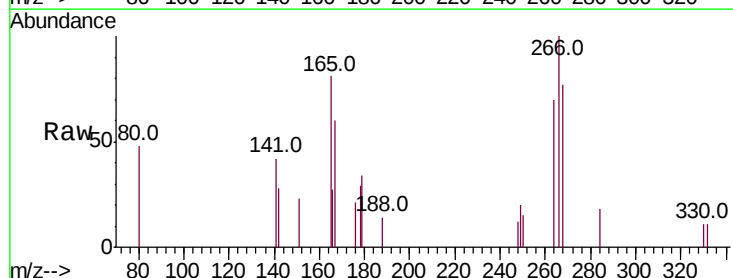
Tgt Ion:266 Resp: 1064

Ion Ratio Lower Upper

266 100

264 70.2 56.2 84.2

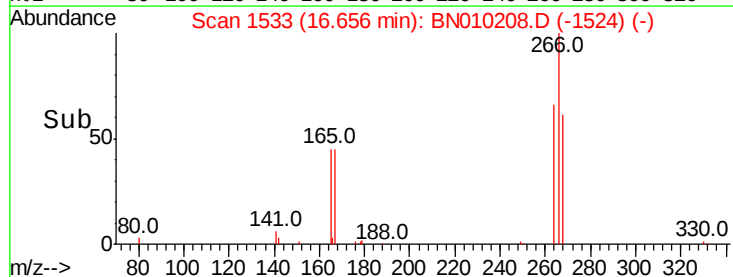
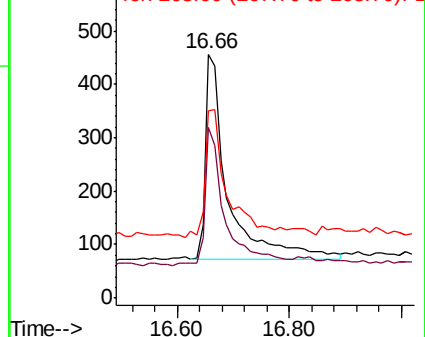
268 76.8 61.4 92.2

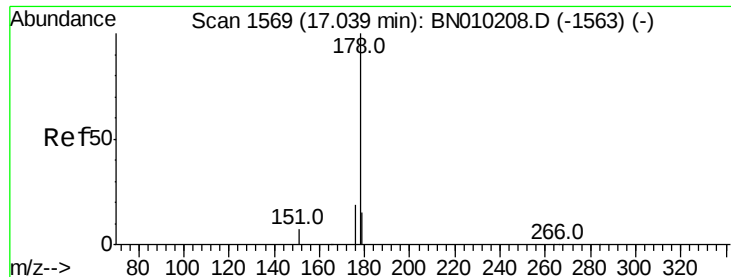


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.363 ng

RT: 17.04 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

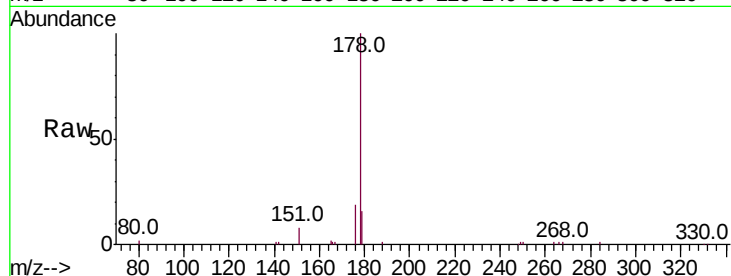
Tot Ion:178 Resp: 18138

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

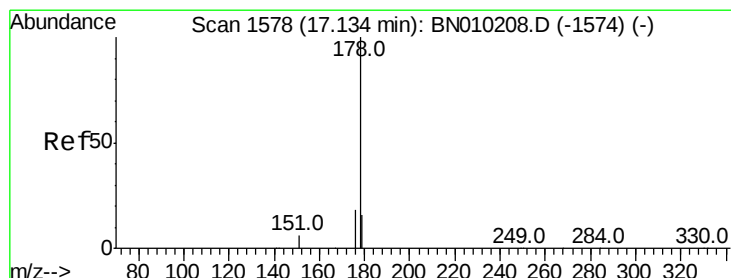
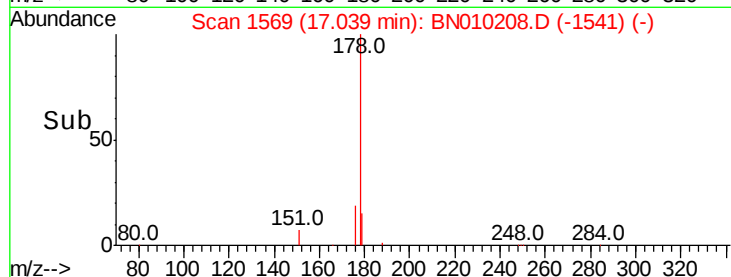
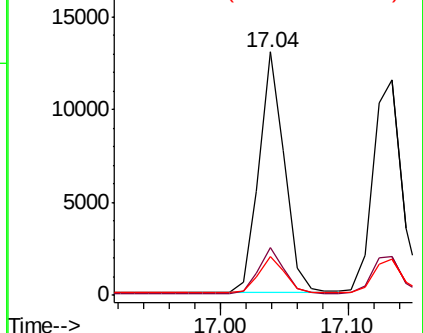
179 15.6 12.5 18.7



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: 0.429 ng

RT: 17.13 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

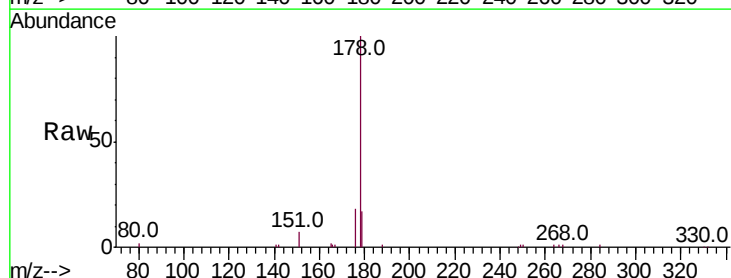
Tgt Ion:178 Resp: 18149

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

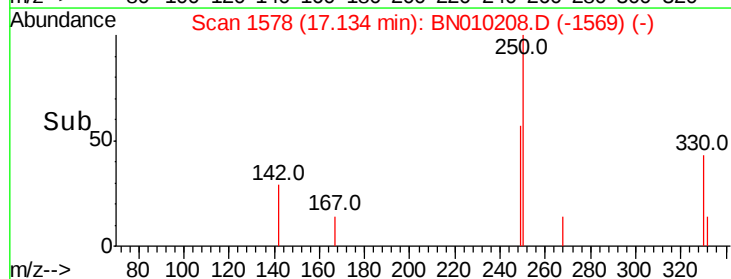
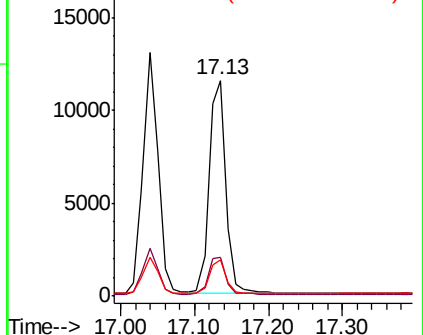
179 15.6 12.5 18.7

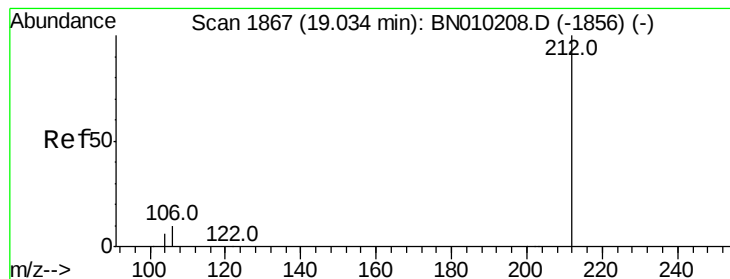


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.03 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

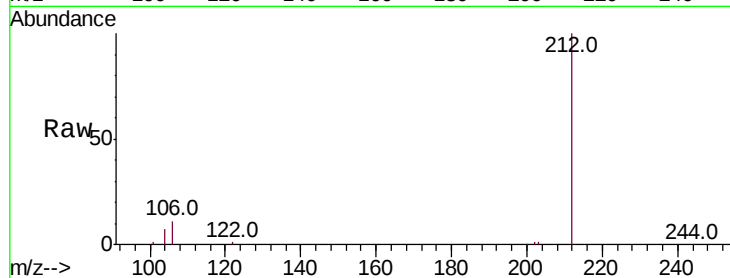
Tot Ion:212 Resp: 20526

Ion Ratio Lower Upper

212 100

106 10.1 8.1 12.1

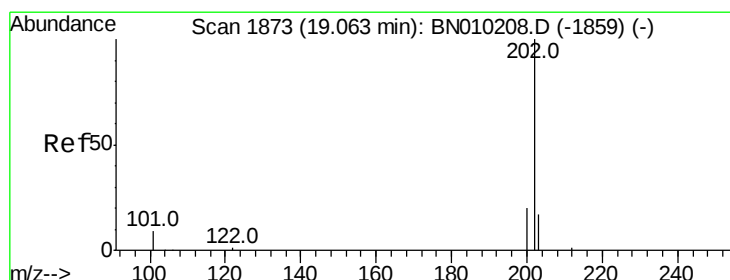
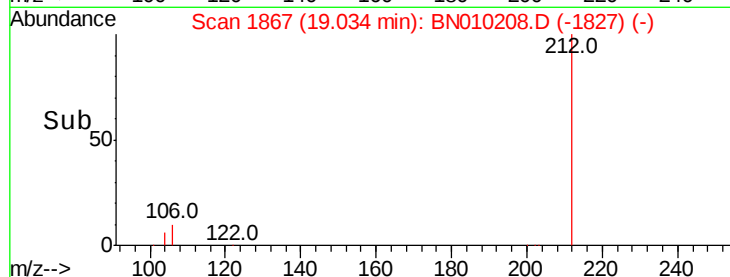
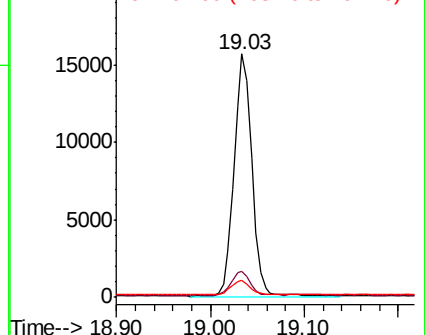
104 5.9 4.7 7.1



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: 0.384 ng

RT: 19.06 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

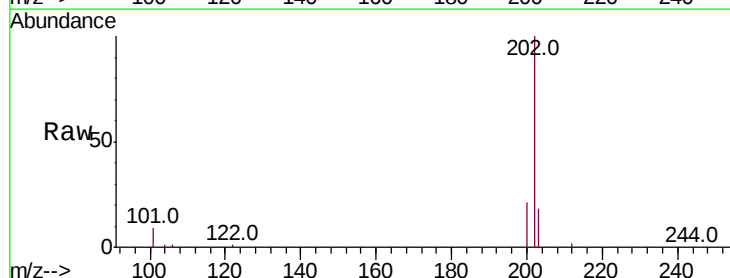
Tgt Ion:202 Resp: 23004

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.6

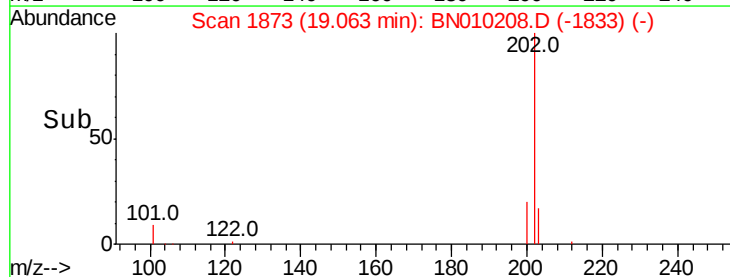
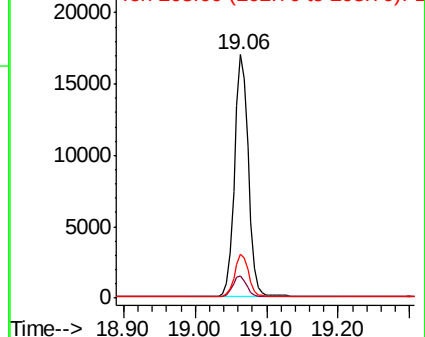
203 17.4 13.9 20.9

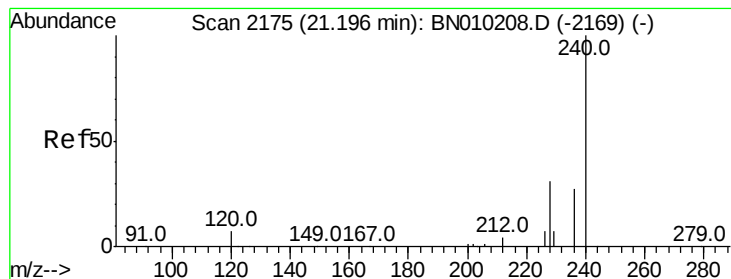


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

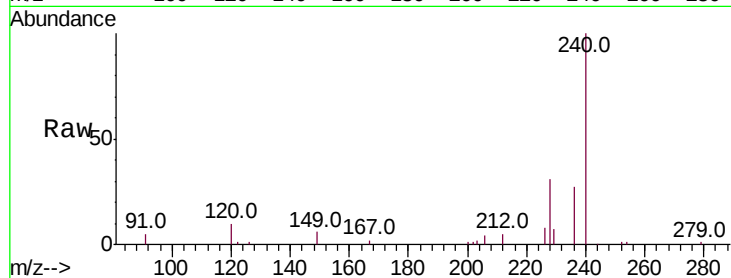
Instrument :

BNA_N

ClientSampleId :

Tot Ion:240 Resp: 17801

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.7	11.5
236	27.2	21.8	32.6

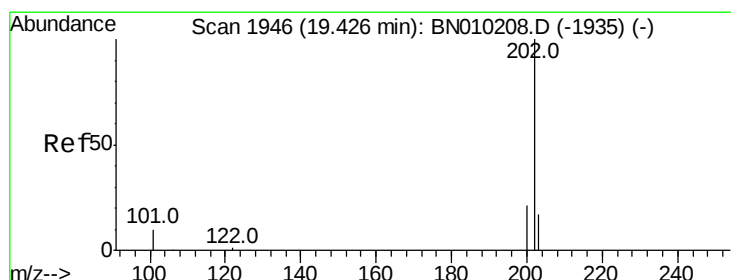
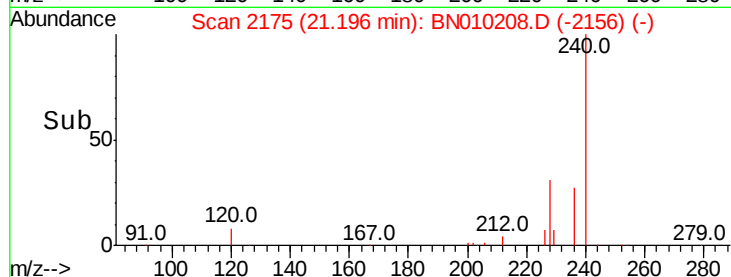
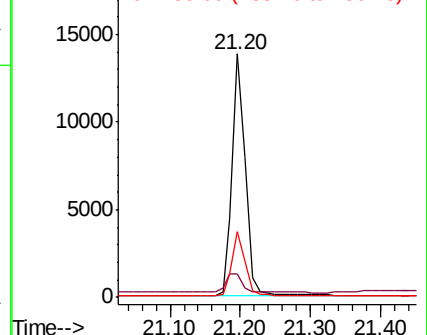


Abundance

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: 0.351 ng

RT: 19.43 min Scan# 1946

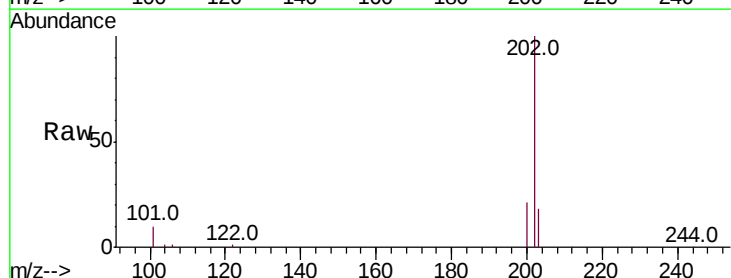
Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Tgt Ion:202 Resp: 23725

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.6	14.1	21.1

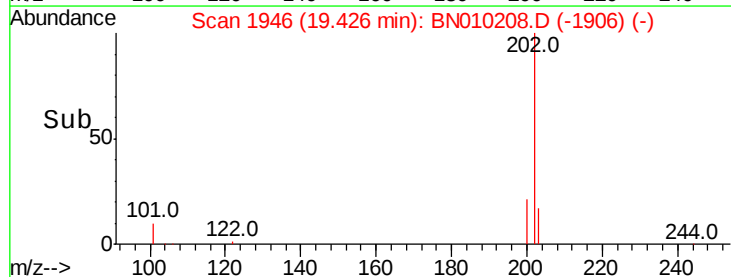
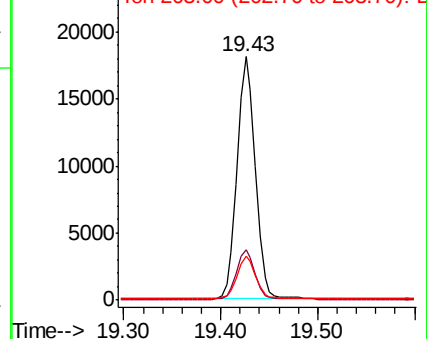


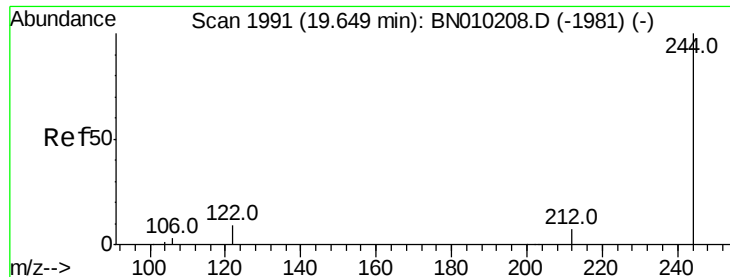
Abundance

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: 0.387 ng

RT: 19.65 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampled :

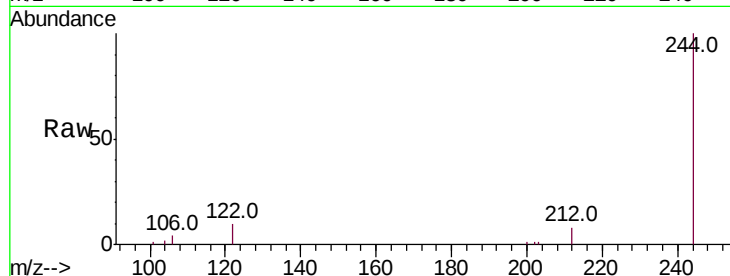
Tot Ion:244 Resp: 16461

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

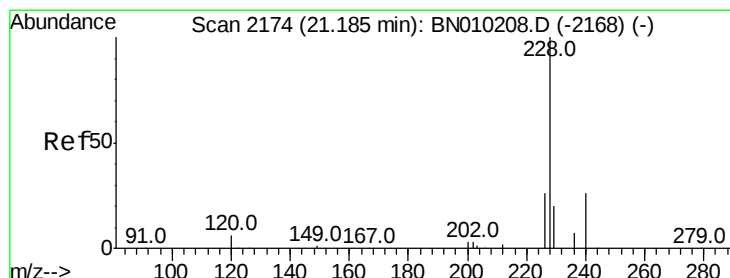
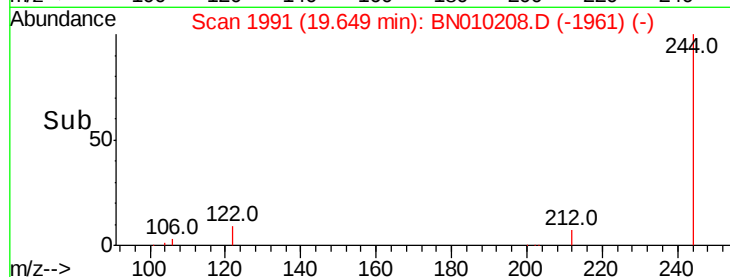
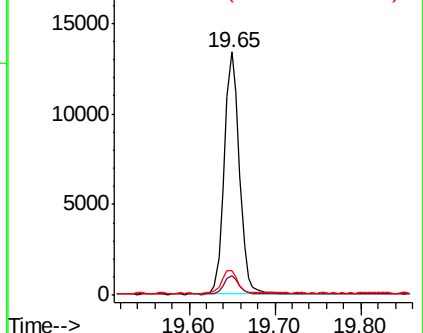
122 10.1 8.1 12.1



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: 0.404 ng

RT: 21.19 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

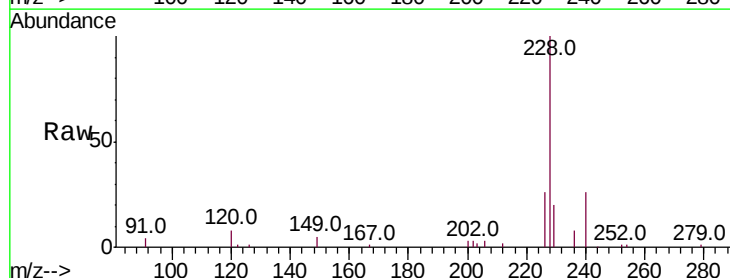
Tgt Ion:228 Resp: 23883

Ion Ratio Lower Upper

228 100

226 26.4 21.1 31.7

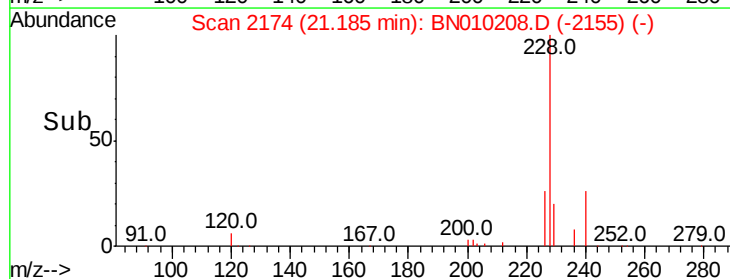
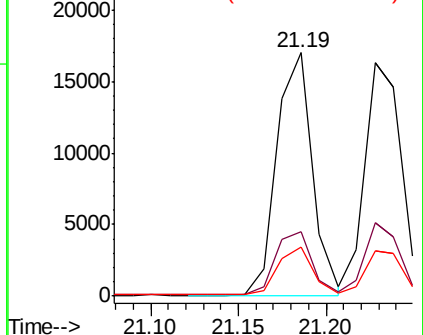
229 20.3 16.2 24.4

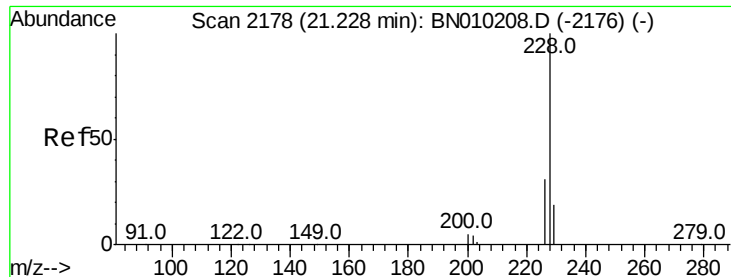


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.347 ng

RT: 21.23 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

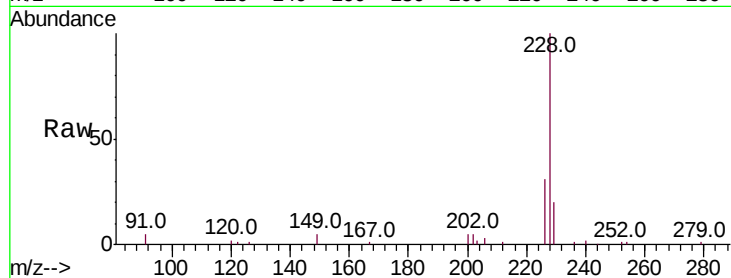
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 23727

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.4
229	19.6	15.7	23.5

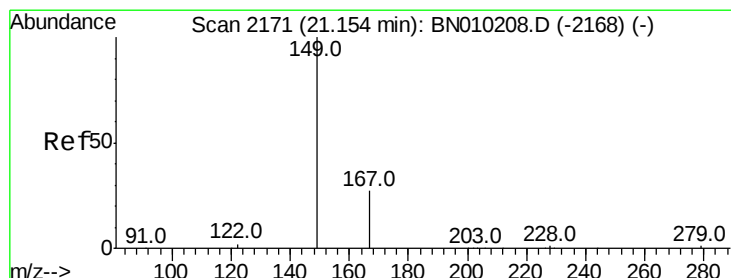
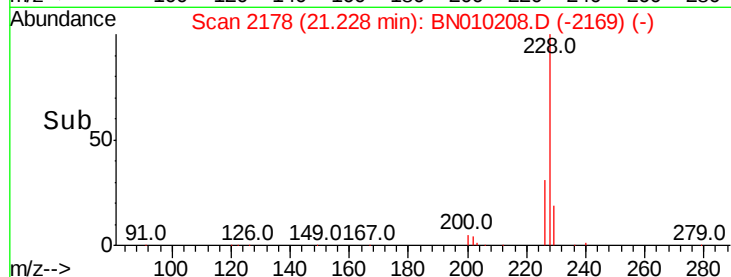
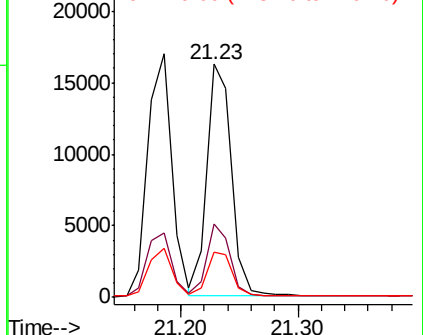


Abundance

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: 0.335 ng

RT: 21.15 min Scan# 2171

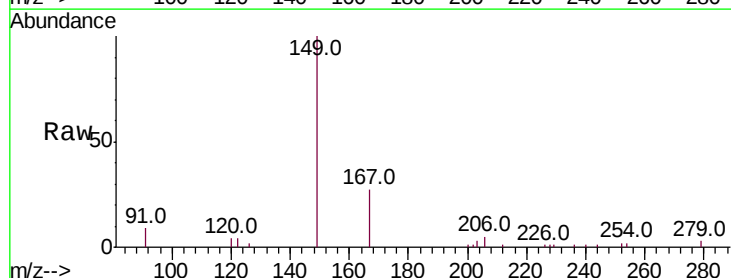
Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Tgt Ion:149 Resp: 9645

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.0	31.4
279	5.0	0.0	0.0#

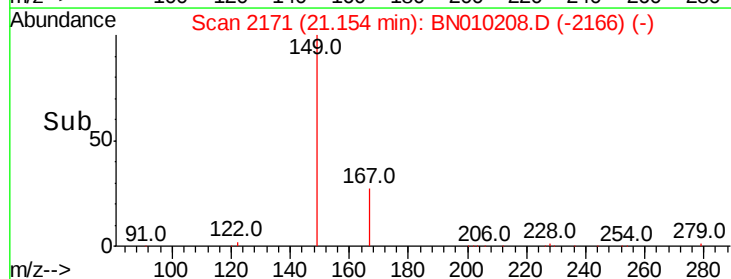
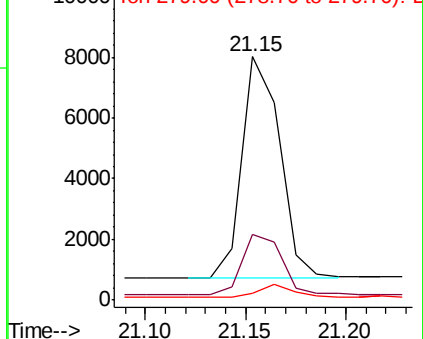


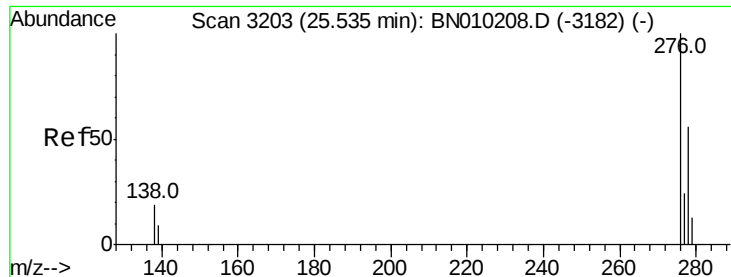
Abundance

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

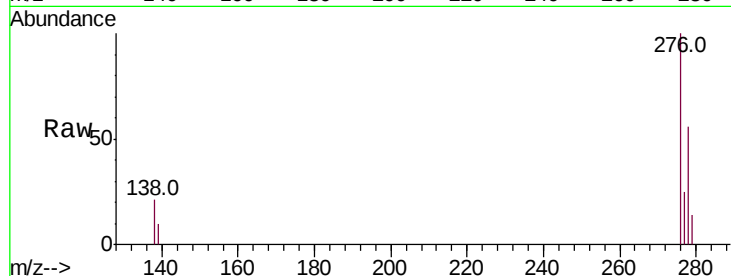




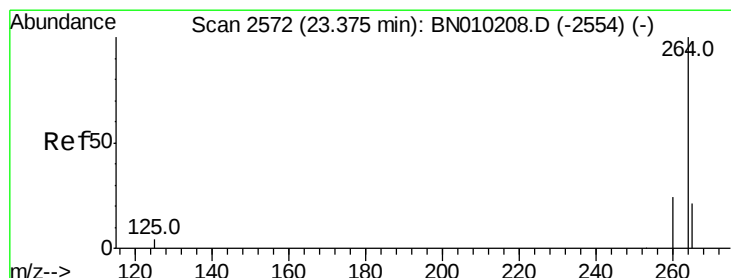
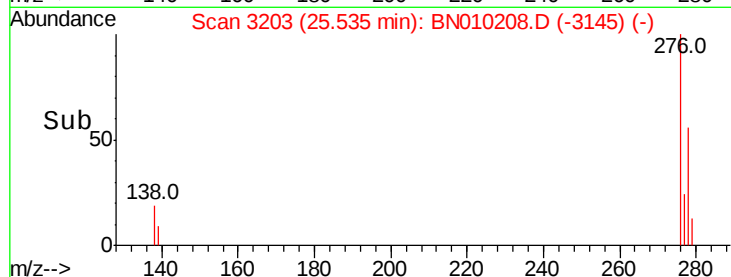
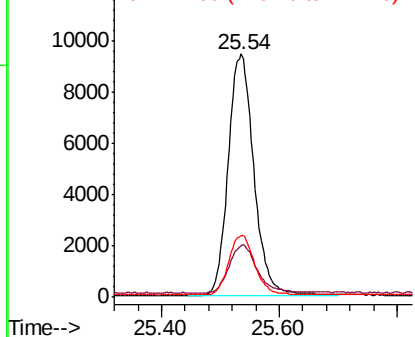
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.401 ng
 RT: 25.54 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BN010208.D
 Acq: 13 Mar 2020 19:47

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 28556
 Ion Ratio Lower Upper
 276 100
 138 21.2 0.0 0.0#
 277 24.9 0.0 0.0#

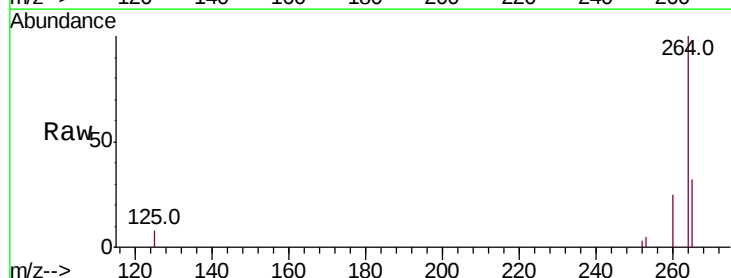


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

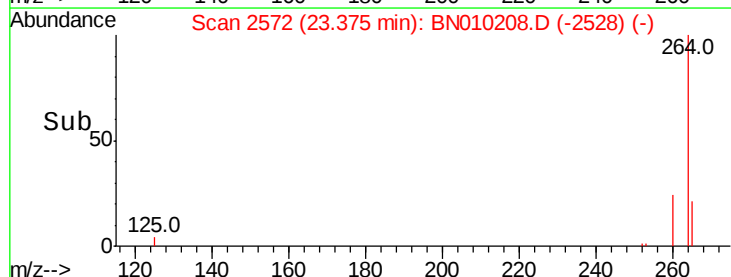
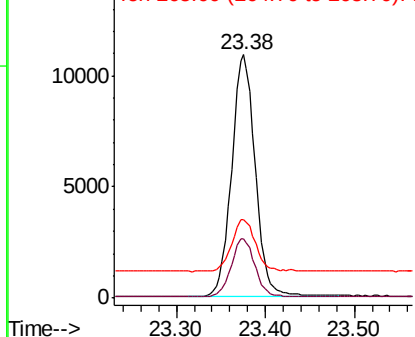


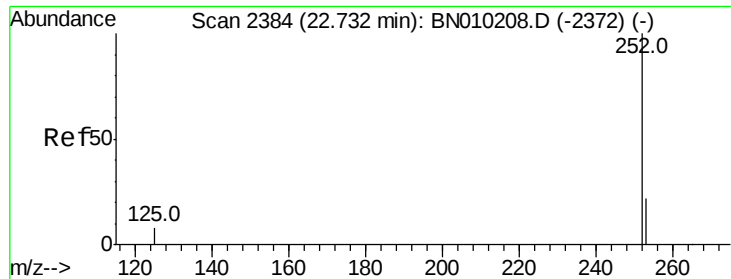
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.38 min Scan# 2572
 Delta R.T. 0.00 min
 Lab File: BN010208.D
 Acq: 13 Mar 2020 19:47

Tgt Ion:264 Resp: 19955
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 32.2 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: 0.335 ng

RT: 22.73 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

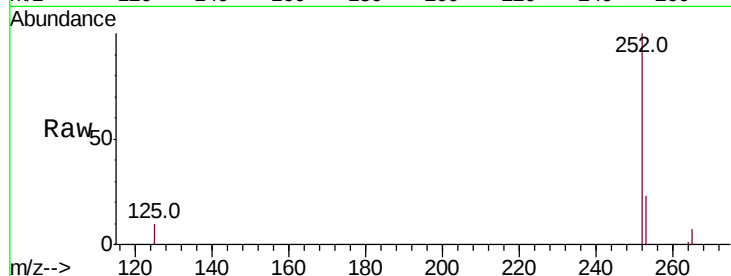
Tot Ion:252 Resp: 24458

Ion Ratio Lower Upper

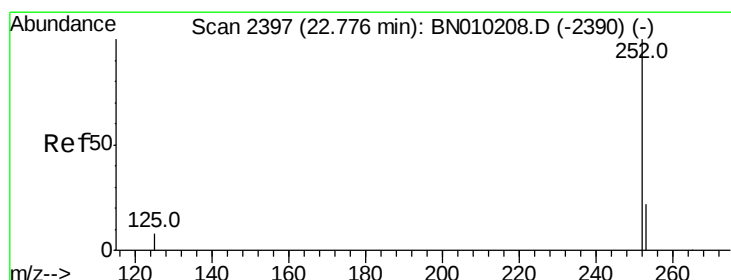
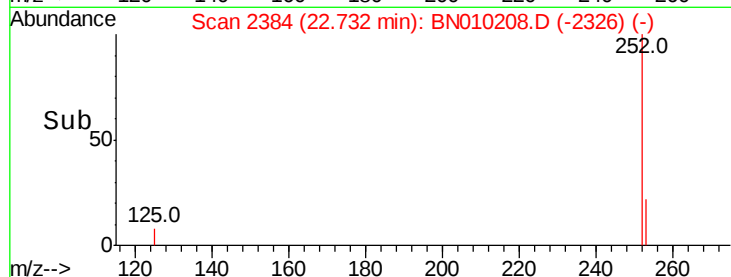
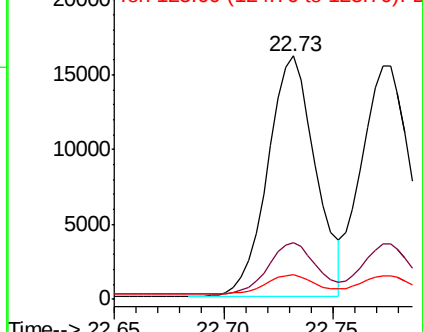
252 100

253 23.3 18.6 28.0

125 9.9 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.313 ng

RT: 22.78 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

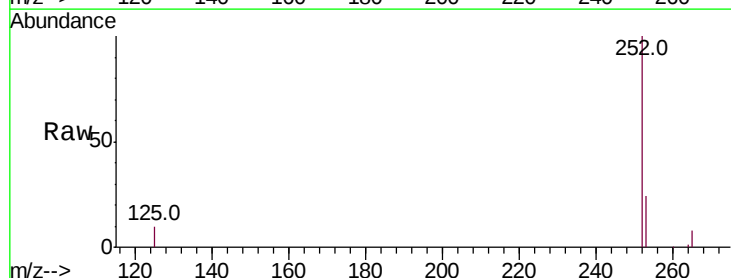
Tgt Ion:252 Resp: 24852

Ion Ratio Lower Upper

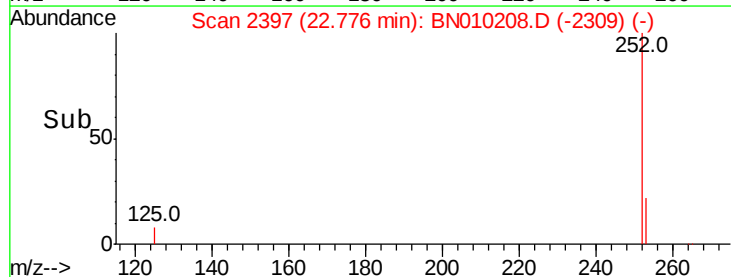
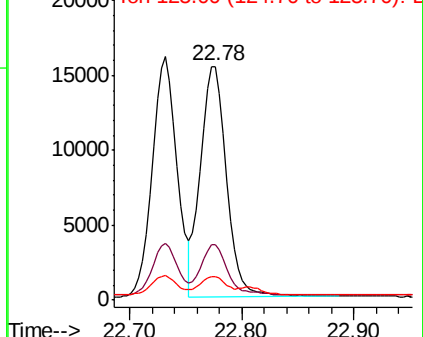
252 100

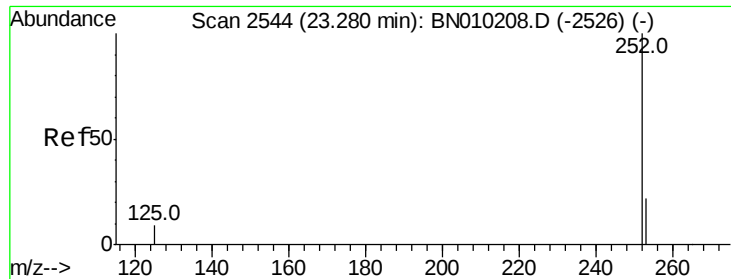
253 23.5 18.8 28.2

125 10.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.347 ng

RT: 23.28 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :

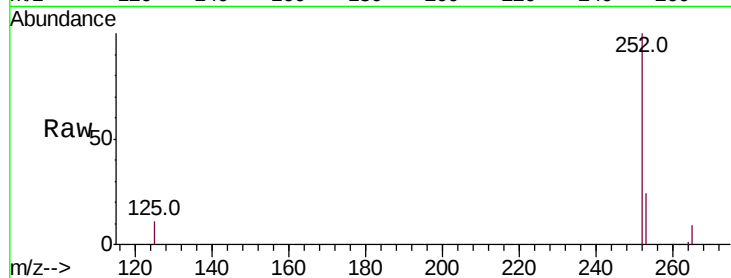
Tot Ion:252 Resp: 23073

Ion Ratio Lower Upper

252 100

253 23.9 19.1 28.7

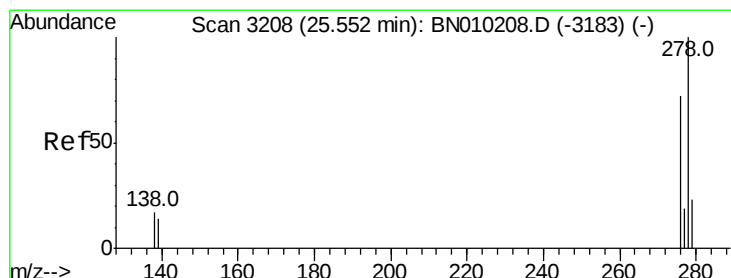
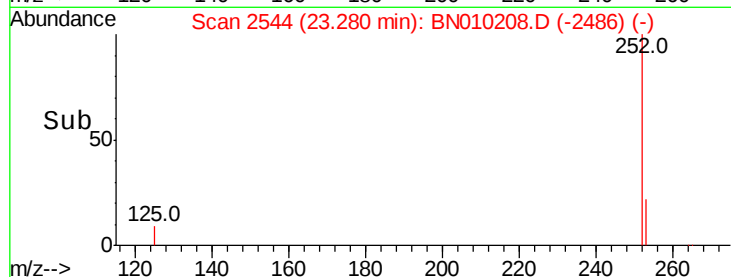
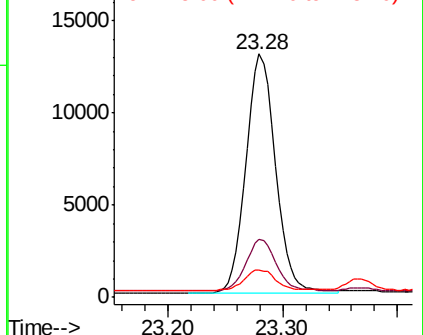
125 11.5 9.2 13.8



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: 0.355 ng

RT: 25.55 min Scan# 3208

Delta R.T. 0.00 min

Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

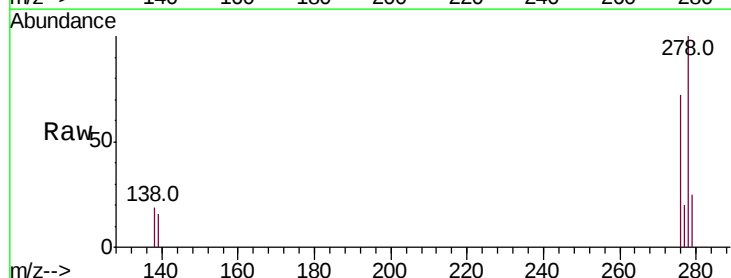
Tgt Ion:278 Resp: 23270

Ion Ratio Lower Upper

278 100

139 15.5 12.4 18.6

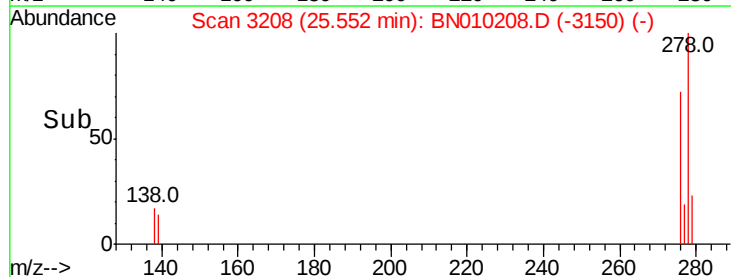
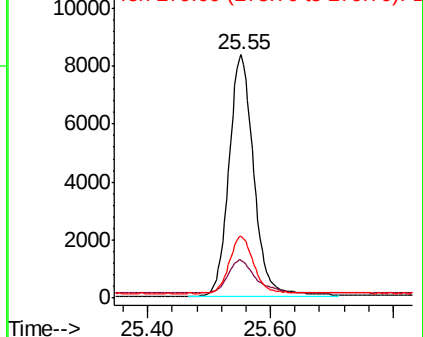
279 25.2 20.2 30.2

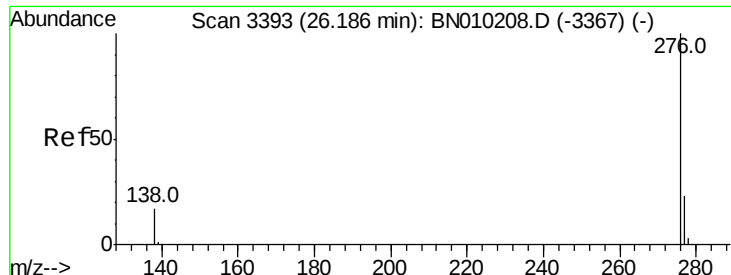


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.334 ng

RT: 26.19 min Scan# 3393

Delta R.T. 0.00 min

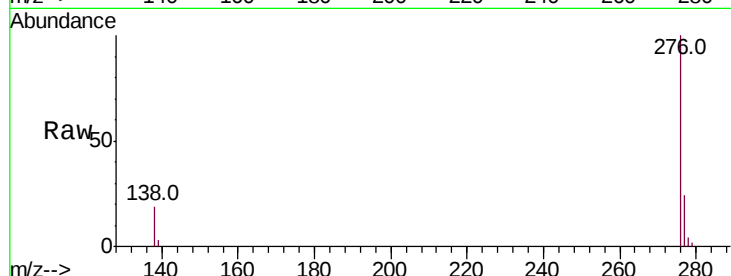
Lab File: BN010208.D

Acq: 13 Mar 2020 19:47

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 23306

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 19.3 15.4 23.2

