

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
 Data File : BN010210.D
 Acq On : 13 Mar 2020 20:59
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 01:40:28 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	3133	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	11023	0.40	ng	0.00
13) Acenaphthene-d10	14.26	164	7329	0.40	ng	0.00
19) Phenanthrene-d10	17.00	188	17386	0.40	ng	0.00
27) Chrysene-d12	21.20	240	17912	0.40	ng	0.00
34) Perylene-d12	23.37	264	19856	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	11586	1.66	ng	0.00
5) Phenol-d6	6.82	99	14767	1.74	ng	0.00
8) Nitrobenzene-d5	8.77	82	10769	1.17	ng	0.00
11) 2-Methylnaphthalene-d10	11.99	152	30413	1.43	ng	0.00
14) 2,4,6-Tribromophenol	15.75	330	4399	1.56	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	43393	1.57	ng	0.00
25) Fluoranthene-d10	19.03	212	88806	1.48	ng	0.00
29) Terphenyl-d14	19.65	244	67544	1.58	ng	0.00

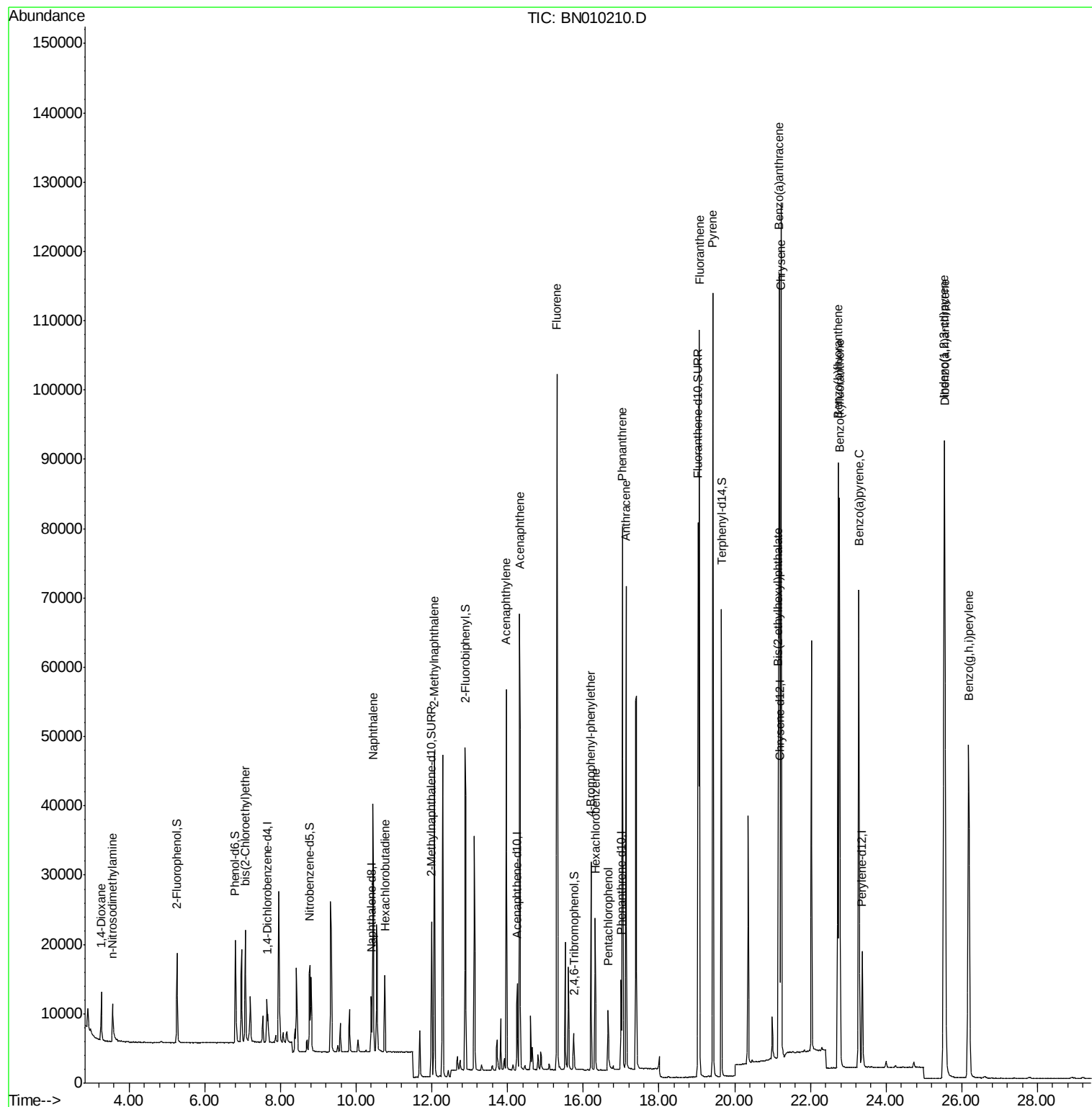
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	5130	1.599	ng	# 100
3) n-Nitrosodimethylamine	3.55	42	4535	0.861	ng	# 100
6) bis(2-Chloroethyl)ether	7.07	93	12852	1.559	ng	97
9) Naphthalene	10.44	128	45549	1.515	ng	96
10) Hexachlorobutadiene	10.76	225	10323	1.561	ng	# 100
12) 2-Methylnaphthalene	12.06	142	33017	1.602	ng	96
16) Acenaphthylene	13.97	152	56647	1.813	ng	100
17) Acenaphthene	14.31	154	34305	1.561	ng	99
18) Fluorene	15.31	166	46047	1.588	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	16557	1.367	ng	98
21) Hexachlorobenzene	16.32	284	16321	1.508	ng	98
22) Pentachlorophenol	16.66	266	5020	1.810	ng	90
23) Phenanthrene	17.04	178	76667	1.482	ng	100
24) Anthracene	17.13	178	76591	1.751	ng	99
26) Fluoranthene	19.06	202	96482	1.557	ng	100
28) Pyrene	19.43	202	99240	1.459	ng	100
30) Benzo(a)anthracene	21.17	228	101309	1.704	ng	97
31) Chrysene	21.23	228	98609	1.434	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	42316	1.459	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.53	276	117152	1.636	ng	# 100
35) Benzo(b)fluoranthene	22.73	252	101281	1.395	ng	97
36) Benzo(k)fluoranthene	22.77	252	102182	1.293	ng	96
37) Benzo(a)pyrene	23.28	252	94797	1.431	ng	96
38) Dibenzo(a,h)anthracene	25.55	278	95958	1.471	ng	96
39) Benzo(g,h,i)perylene	26.18	276	95149	1.370	ng	98

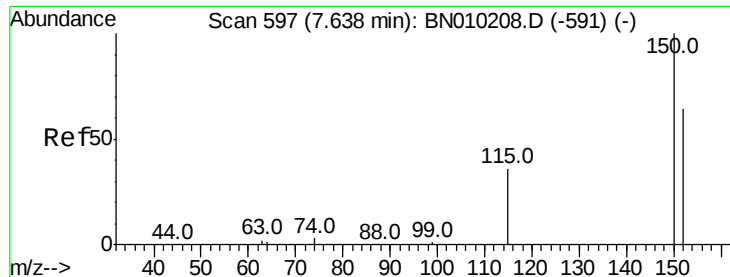
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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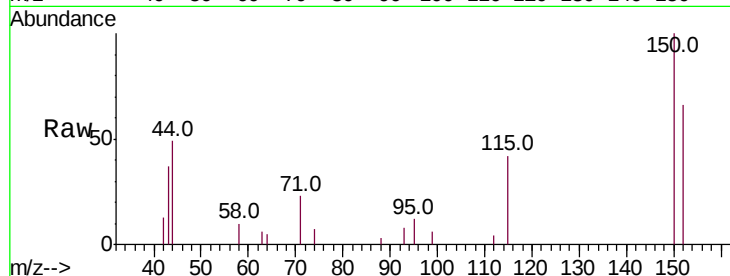


#1

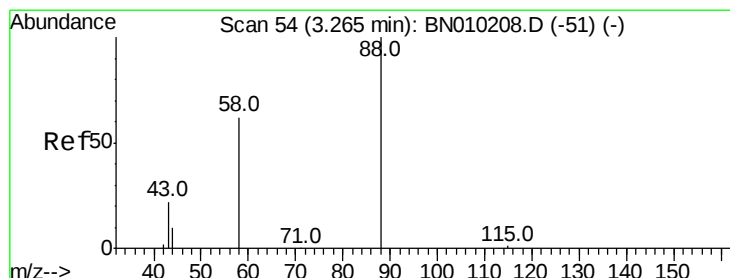
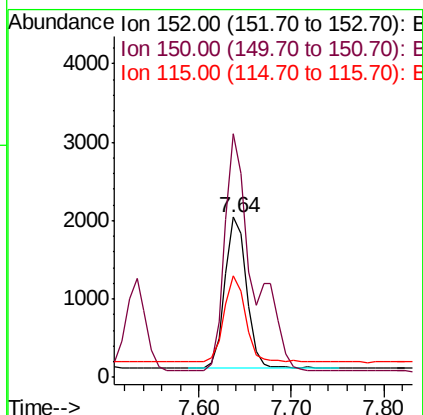
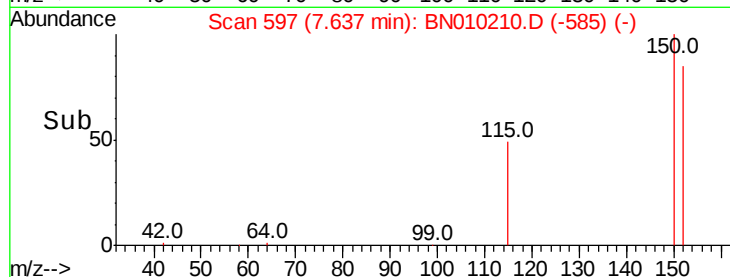
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3133
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 63.8 50.9 76.3



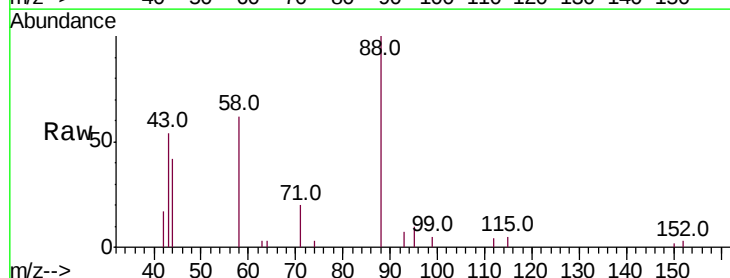
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



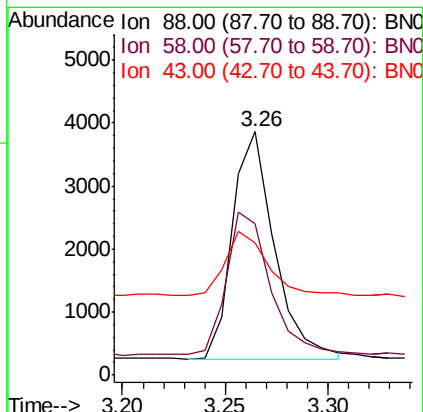
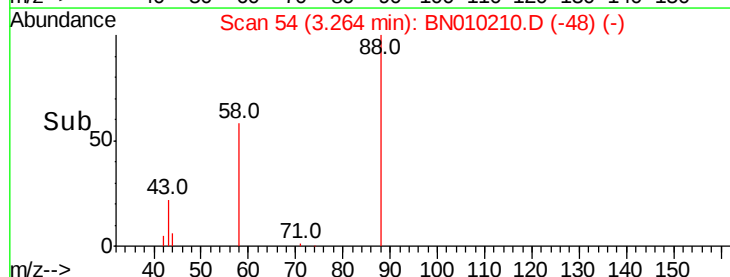
#2

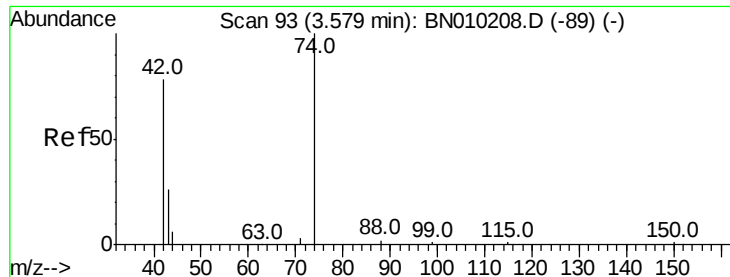
1,4-Dioxane
Concen: 1.599 ng
RT: 3.26 min Scan# 54
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 88 Resp: 5130
Ion Ratio Lower Upper
88 100
58 65.0 0.0 0.0#
43 28.1 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: 0.861 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

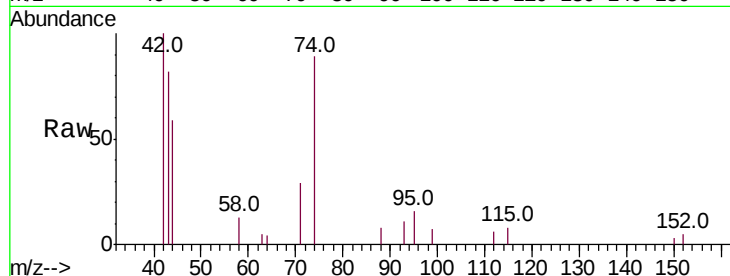
Tot Ion: 42 Resp: 4535

Ion Ratio Lower Upper

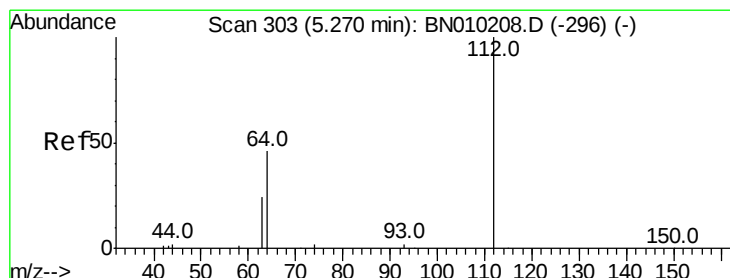
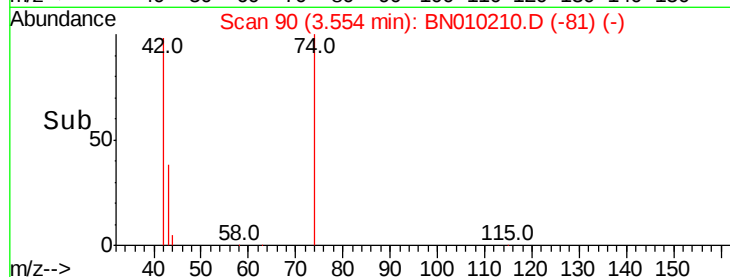
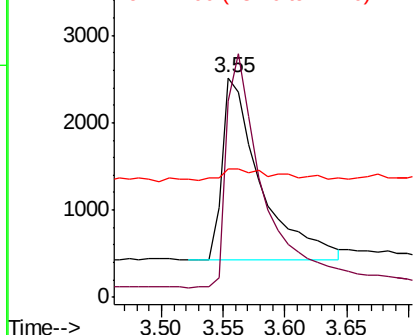
42 100

74 124.5 0.0 0.0#

44 8.8 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: 1.663 ng

RT: 5.27 min Scan# 303

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

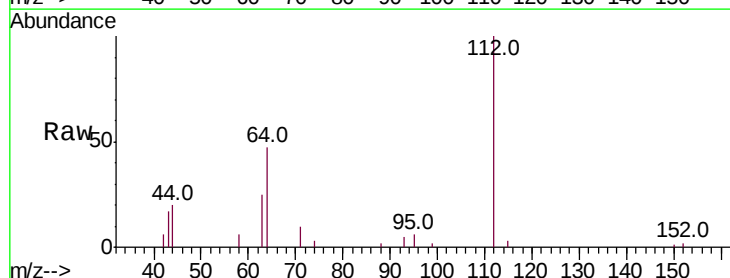
Tgt Ion: 112 Resp: 11586

Ion Ratio Lower Upper

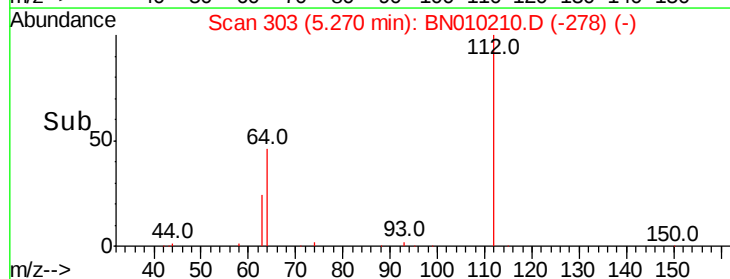
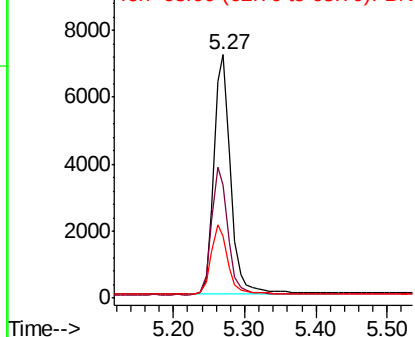
112 100

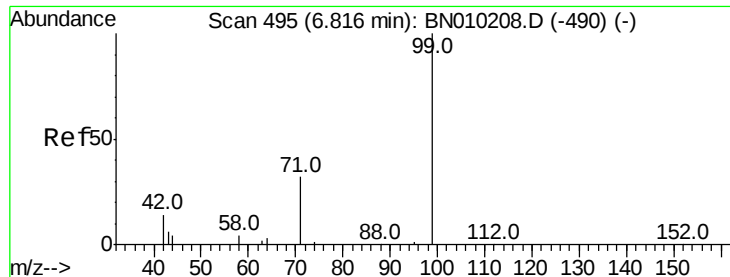
64 53.2 42.6 63.8

63 28.8 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: 1.742 ng

RT: 6.82 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

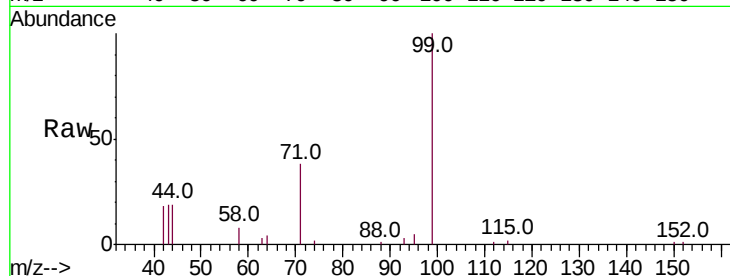
Tot Ion: 99 Resp: 14767

Ion Ratio Lower Upper

99 100

42 20.3 12.0 18.0#

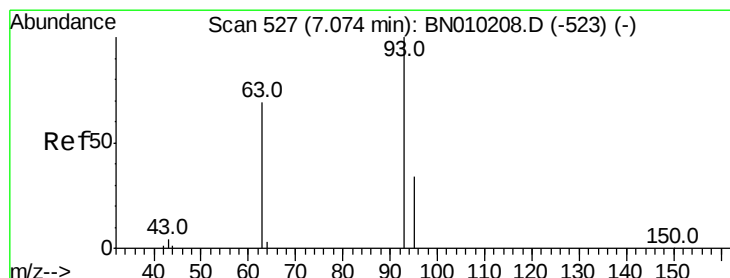
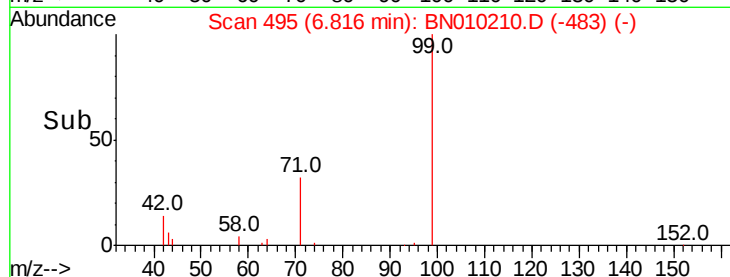
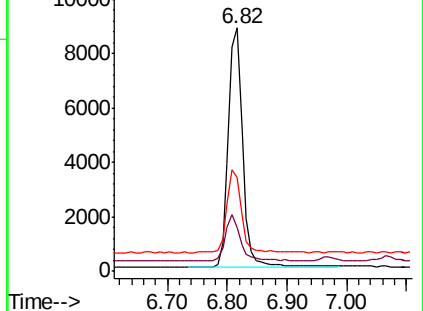
71 34.0 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010210.D (-502) (-)

Ion 42.00 (41.70 to 42.70): BN010210.D (-502) (-)

Ion 71.00 (70.70 to 71.70): BN010210.D (-502) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.559 ng

RT: 7.07 min Scan# 527

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

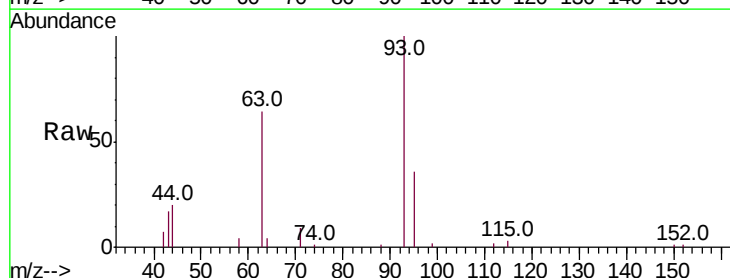
Tgt Ion: 93 Resp: 12852

Ion Ratio Lower Upper

93 100

63 67.6 53.4 80.0

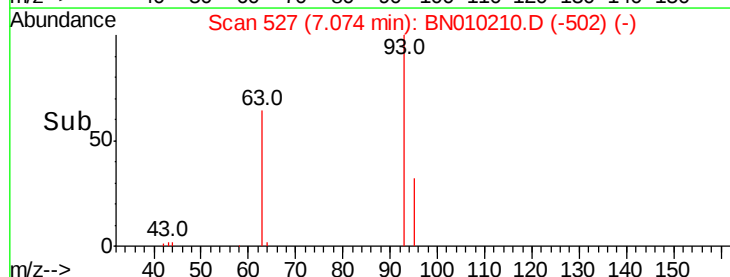
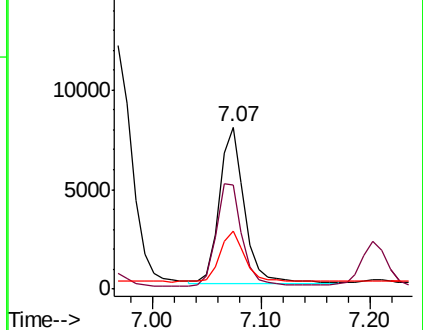
95 32.3 28.6 42.8

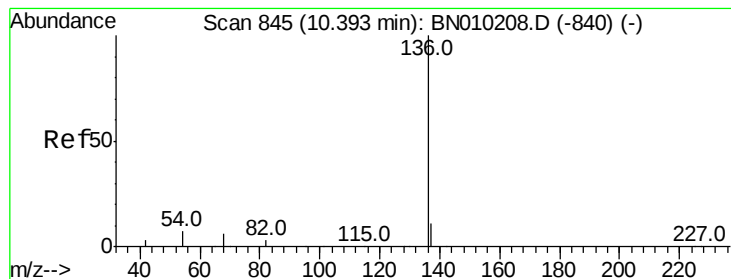


Abundance Ion 93.00 (92.70 to 93.70): BN010210.D (-502) (-)

Ion 63.00 (62.70 to 63.70): BN010210.D (-502) (-)

Ion 95.00 (94.70 to 95.70): BN010210.D (-502) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 11023

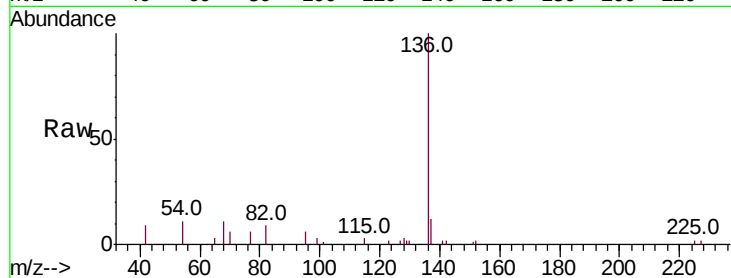
Ion Ratio Lower Upper

136 100

137 12.5 10.6 15.8

54 11.0 9.5 14.3

68 10.8 9.7 14.5

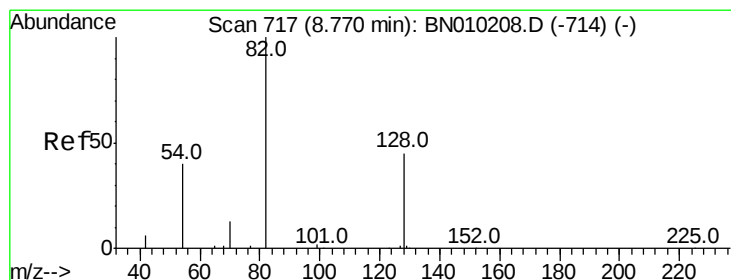
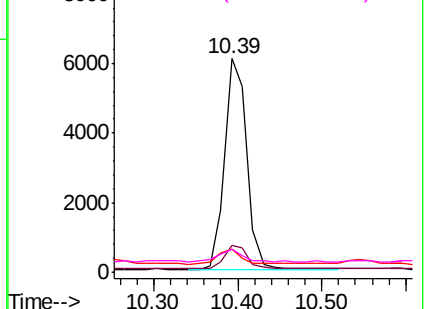
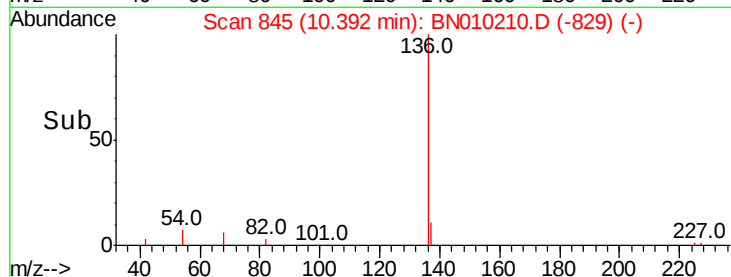


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.174 ng

RT: 8.77 min Scan# 717

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

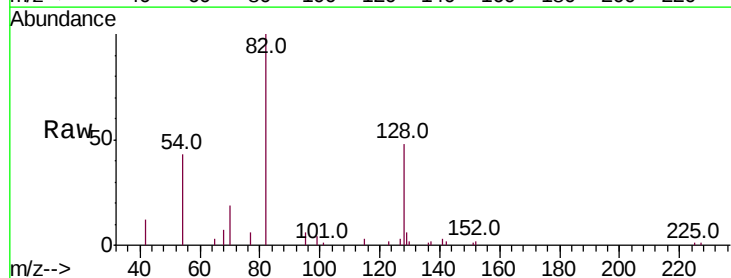
Tgt Ion: 82 Resp: 10769

Ion Ratio Lower Upper

82 100

128 47.6 35.0 52.6

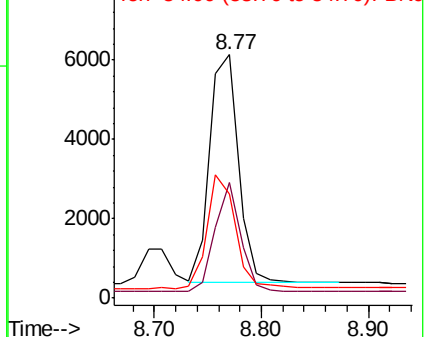
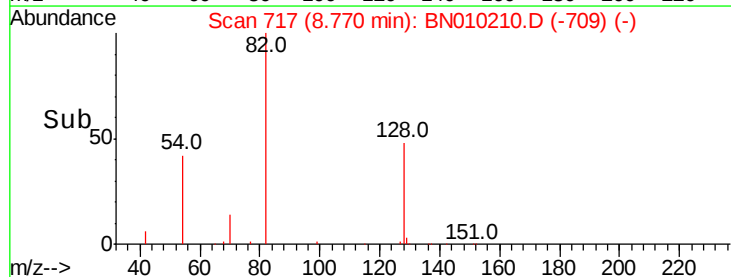
54 42.9 37.0 55.4

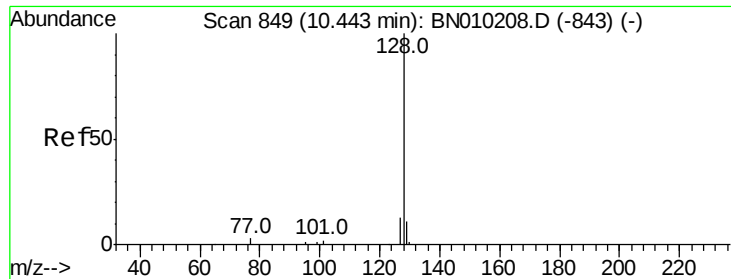


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.515 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

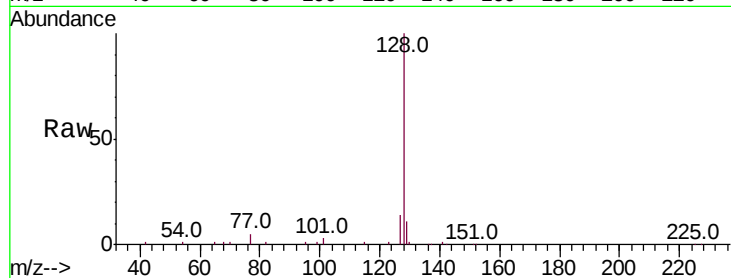
Tot Ion:128 Resp: 45549

Ion Ratio Lower Upper

128 100

129 11.2 10.5 15.7

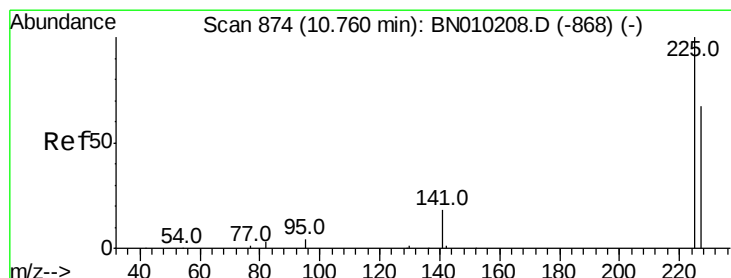
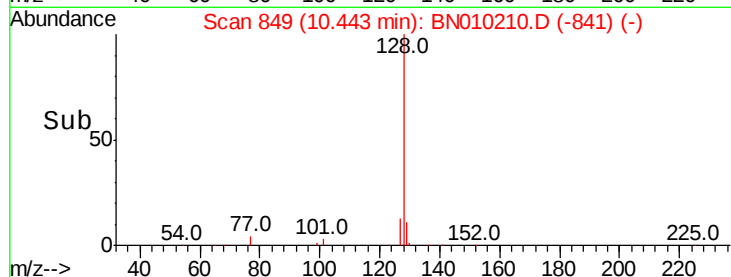
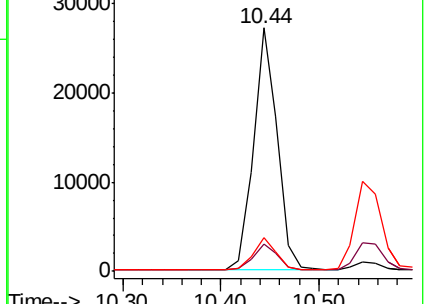
127 13.7 12.1 18.1



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: 1.561 ng

RT: 10.76 min Scan# 874

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

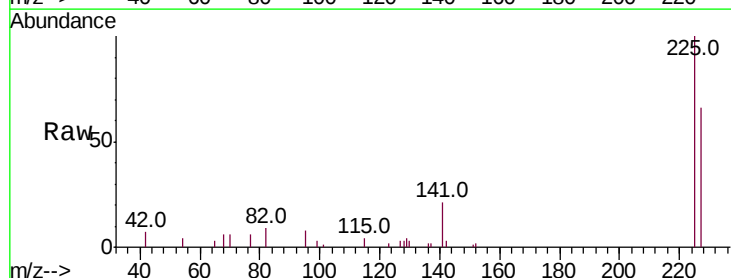
Tgt Ion:225 Resp: 10323

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

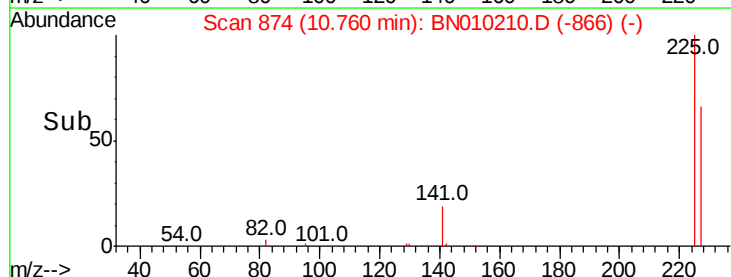
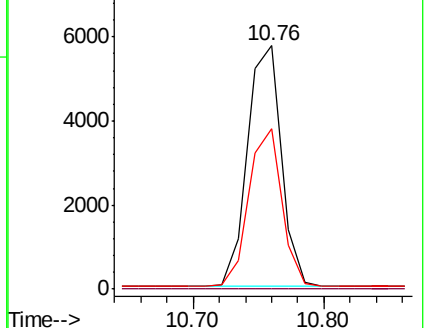
227 63.6 0.0 0.0#

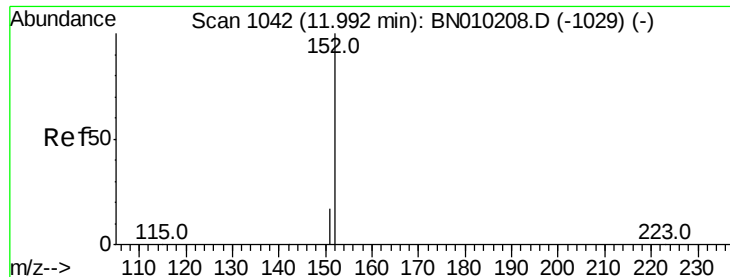


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

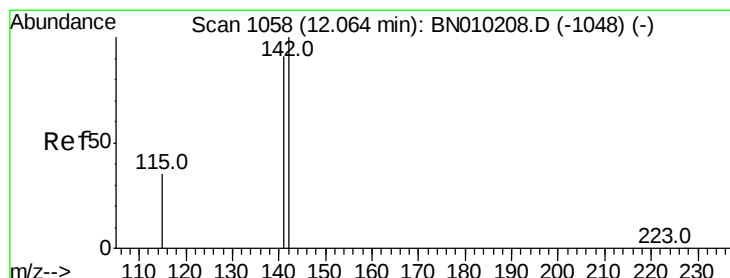
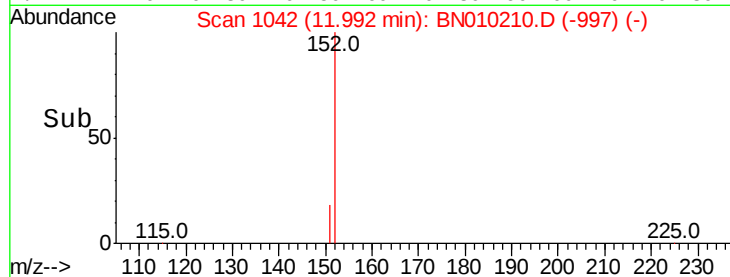
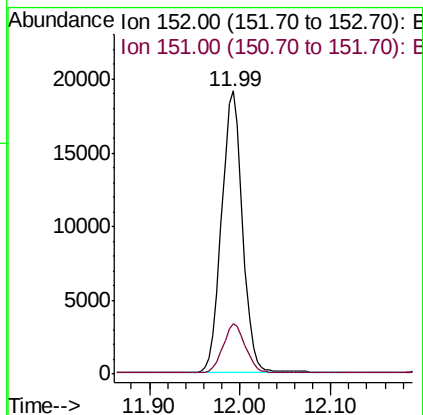
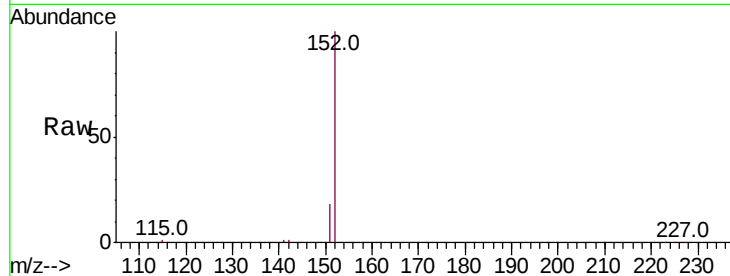




#11
 2-Methylnaphthalene-d10
 Concen: 1.426 ng
 RT: 11.99 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BN010210.D
 Acq: 13 Mar 2020 20:59

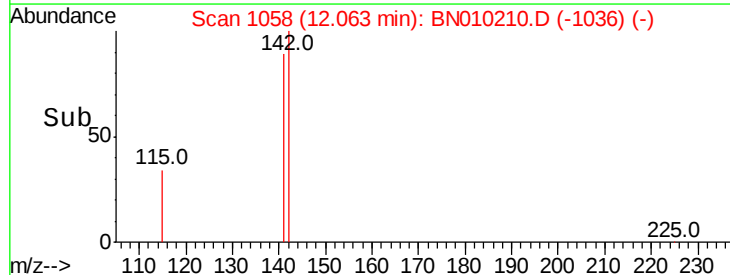
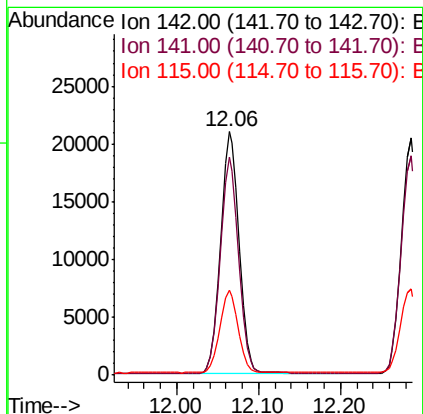
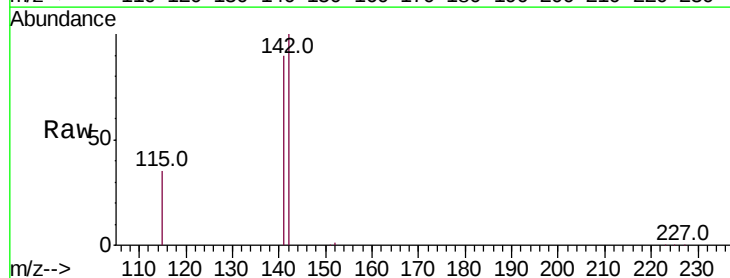
Instrument :
 BNA_N
 ClientSampleId :

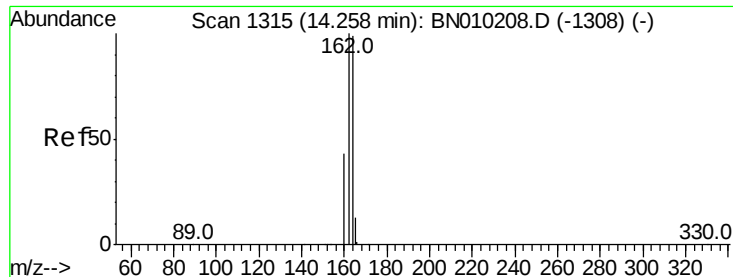
Tot Ion:152 Resp: 30413
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 1.602 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BN010210.D
 Acq: 13 Mar 2020 20:59

Tgt Ion:142 Resp: 33017
 Ion Ratio Lower Upper
 142 100
 141 89.6 73.7 110.5
 115 35.1 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

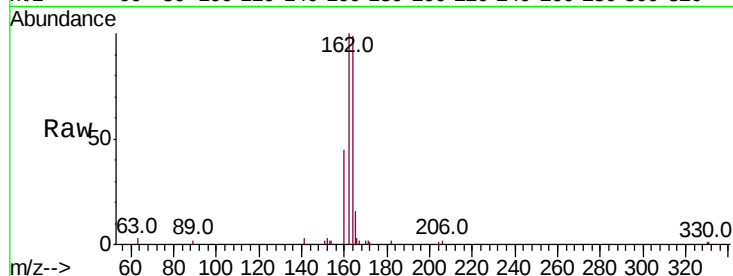
Tot Ion:164 Resp: 7329

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

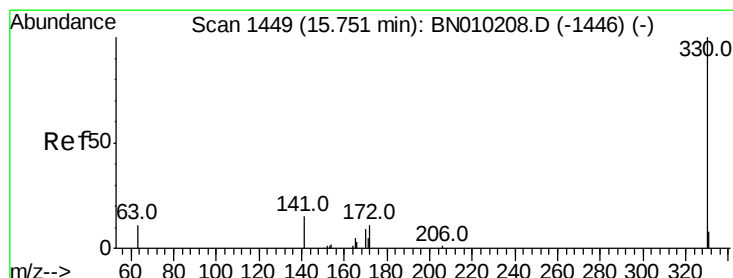
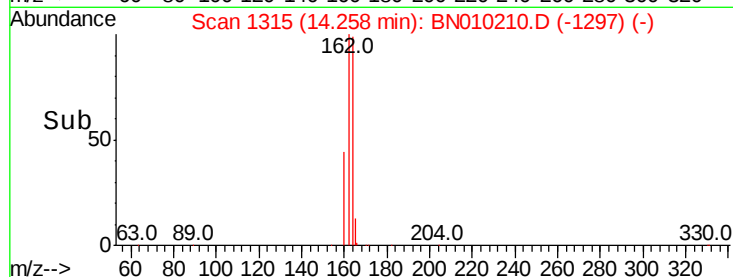
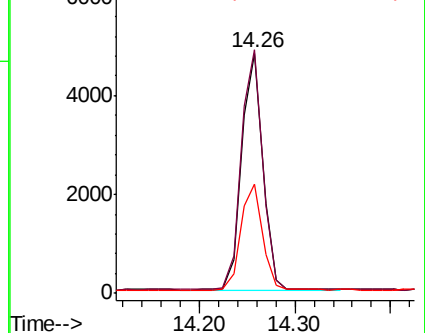
160 45.6 35.6 53.4



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: 1.558 ng

RT: 15.75 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

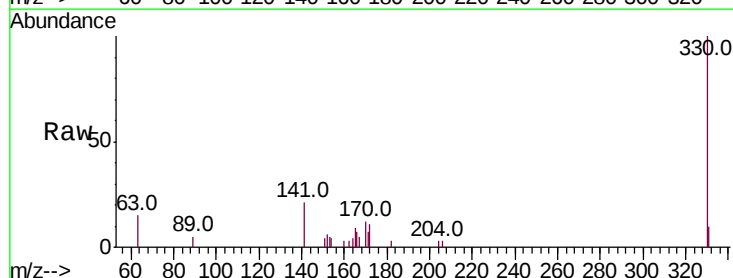
Tgt Ion:330 Resp: 4399

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

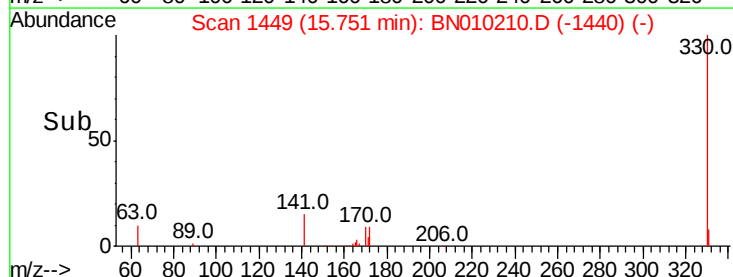
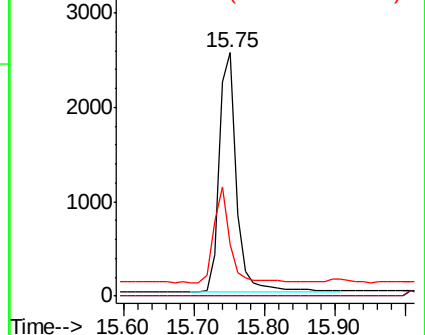
141 38.8 25.1 37.7#

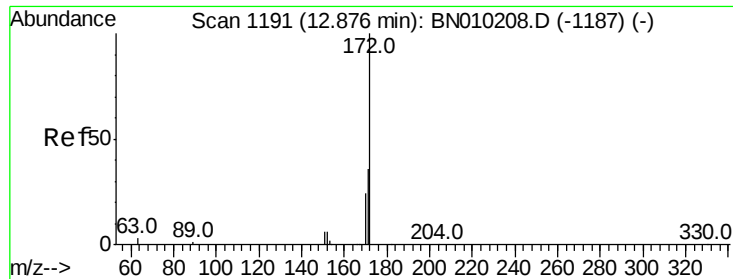


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

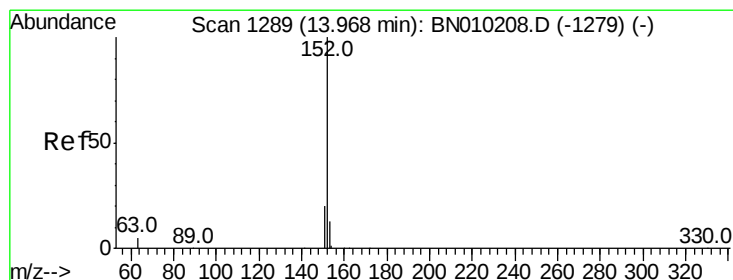
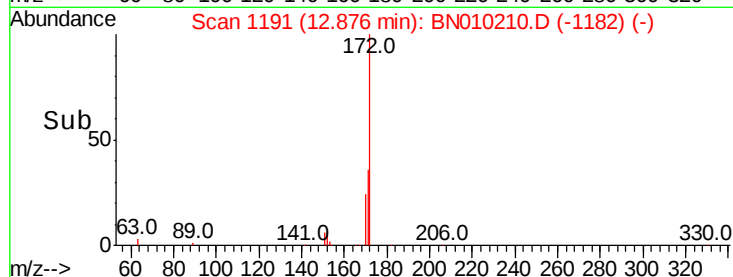
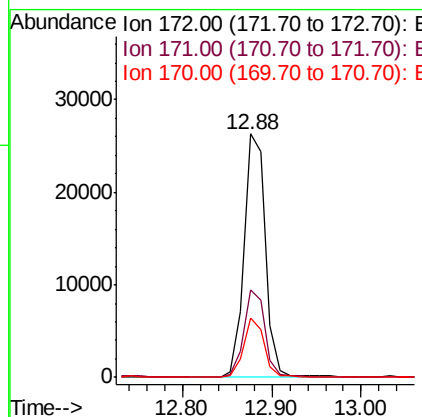
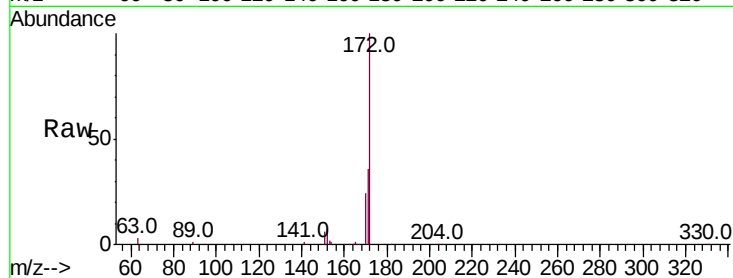




#15
 2-Fluorobiphenyl
 Concen: 1.569 ng
 RT: 12.88 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BN010210.D
 Acq: 13 Mar 2020 20:59

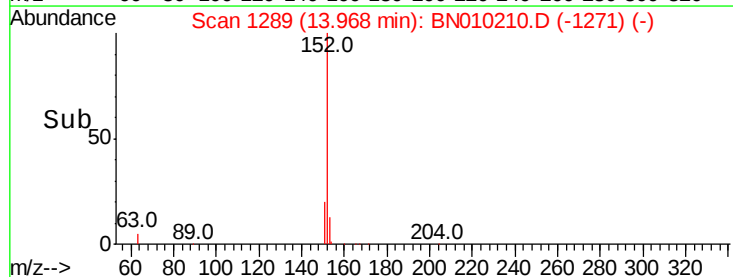
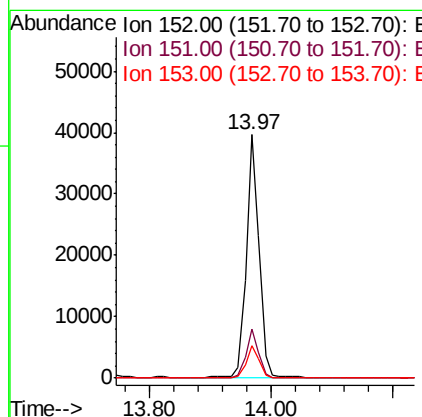
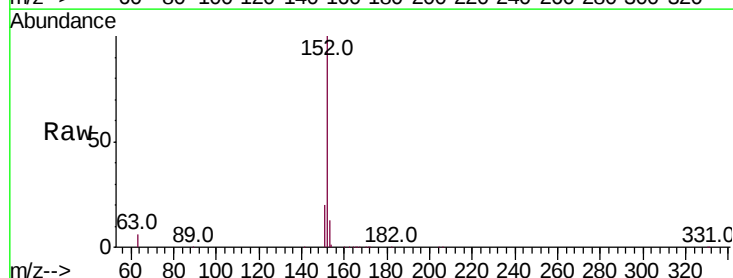
Instrument :
 BNA_N
 ClientSampleId :

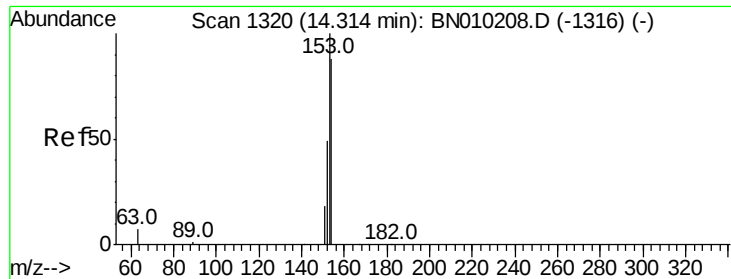
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	24.3	20.2	30.4



#16
 Acenaphthylene
 Concen: 1.813 ng
 RT: 13.97 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BN010210.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.6	16.0





#17

Acenaphthene

Concen: 1.561 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

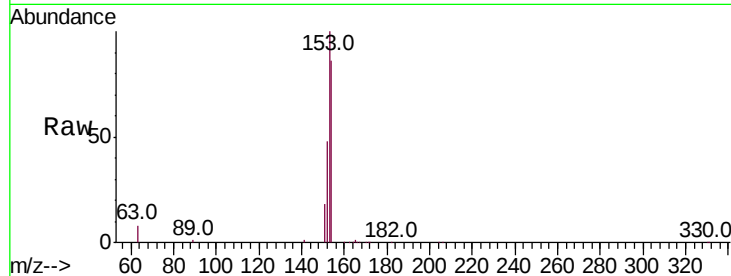
Tot Ion:154 Resp: 34305

Ion Ratio Lower Upper

154 100

153 111.7 90.3 135.5

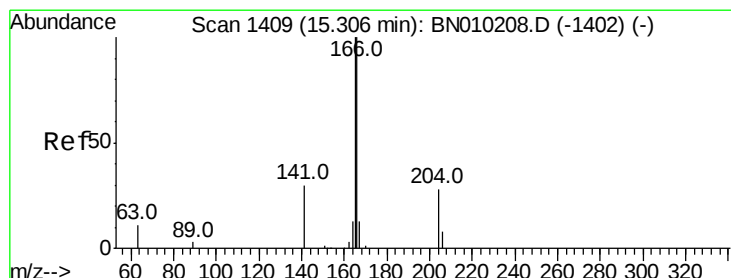
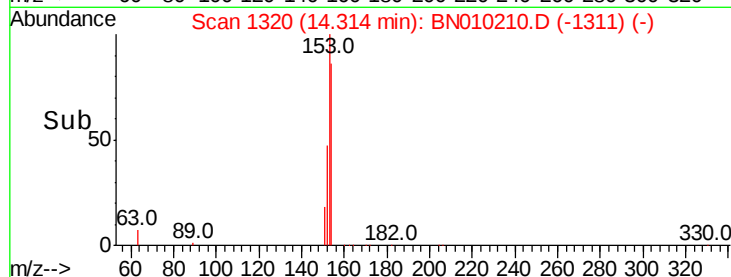
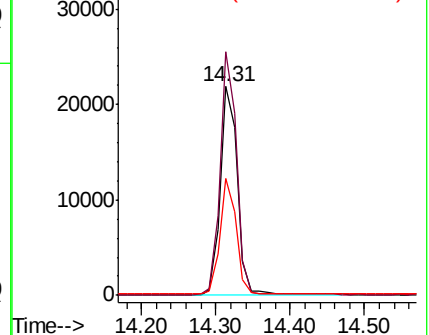
152 52.8 42.9 64.3



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: 1.588 ng

RT: 15.31 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

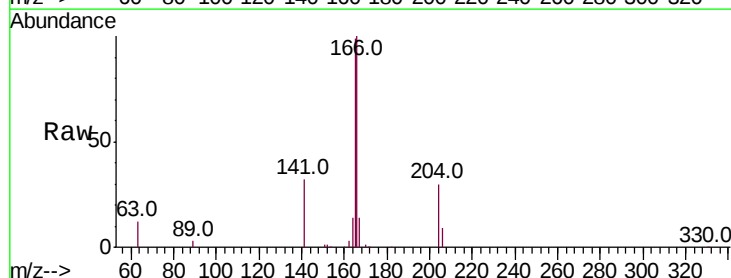
Tgt Ion:166 Resp: 46047

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

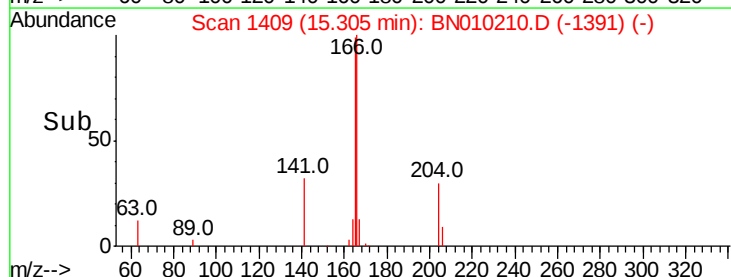
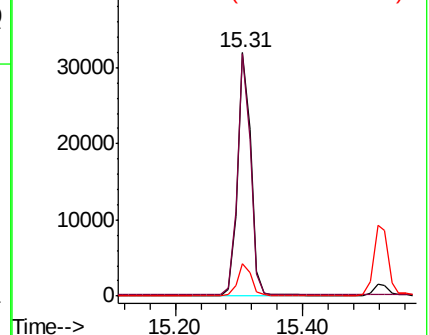
167 13.7 10.7 16.1

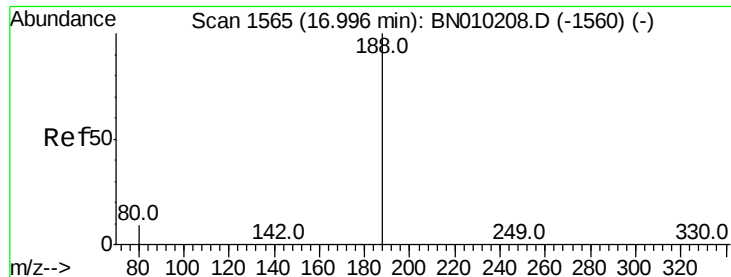


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

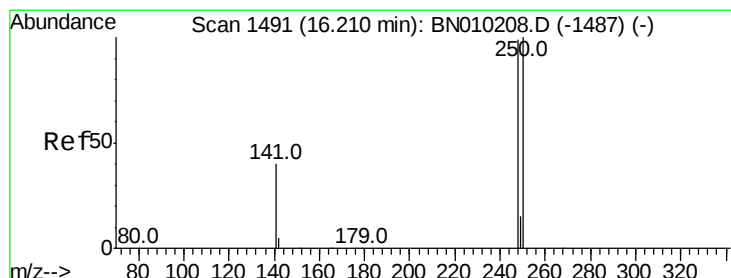
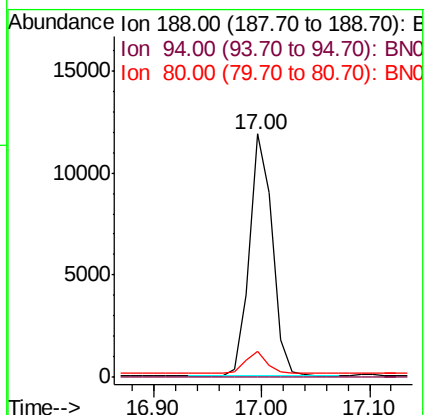
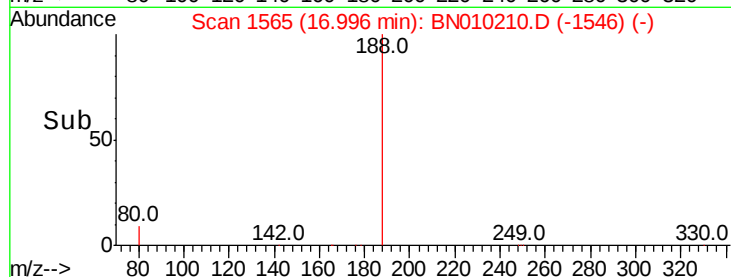
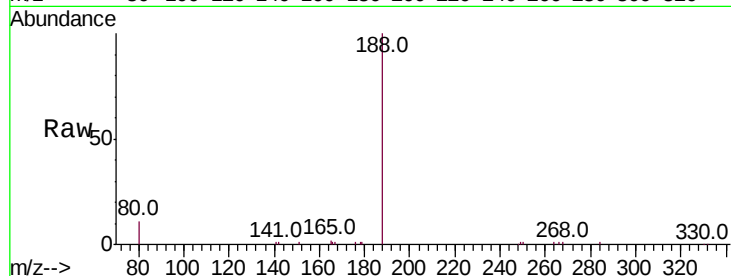
Tot Ion:188 Resp: 17386

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 8.6 12.8



#20

4-Bromophenyl-phenylether

Concen: 1.367 ng

RT: 16.21 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

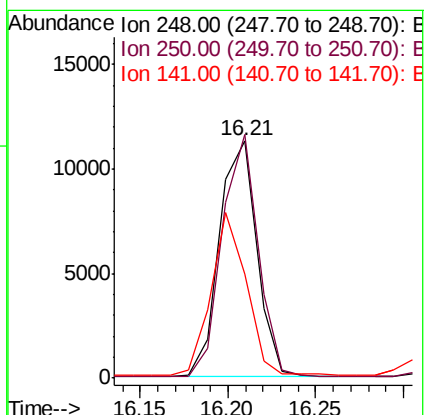
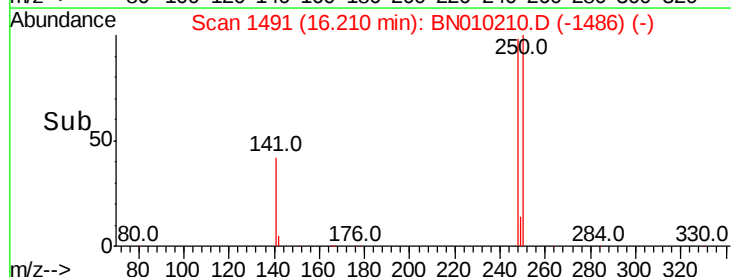
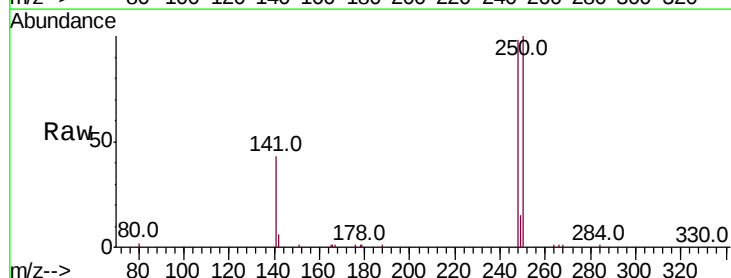
Tgt Ion:248 Resp: 16557

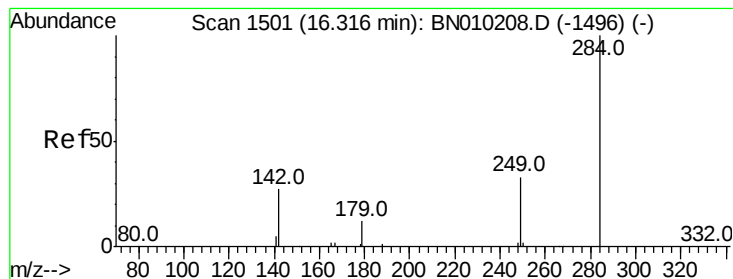
Ion Ratio Lower Upper

248 100

250 102.5 81.2 121.8

141 43.6 36.7 55.1





#21

Hexachlorobenzene

Concen: 1.508 ng

RT: 16.32 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

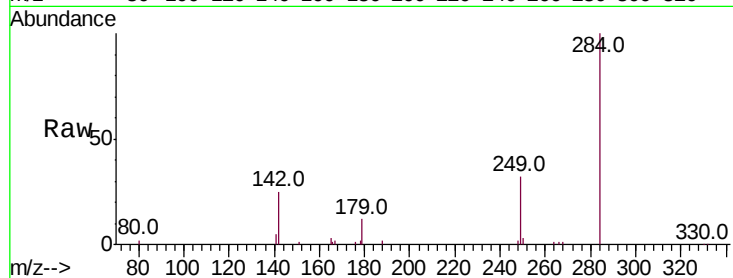
Tot Ion:284 Resp: 16321

Ion Ratio Lower Upper

284 100

142 33.0 27.8 41.6

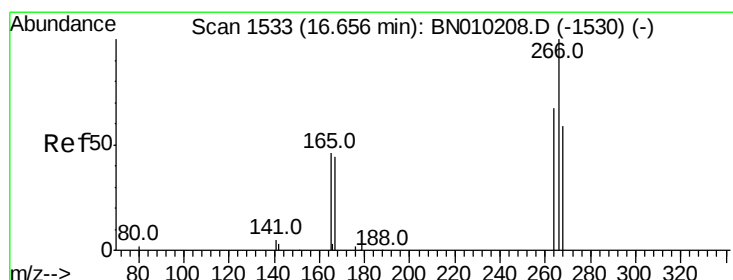
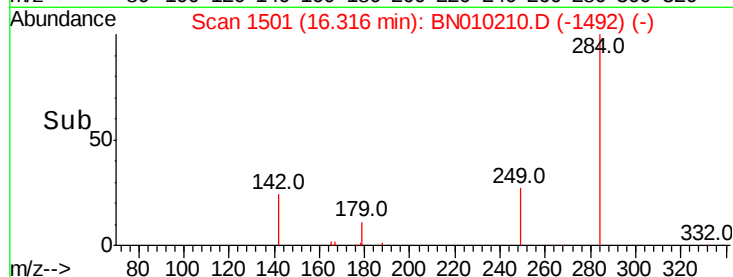
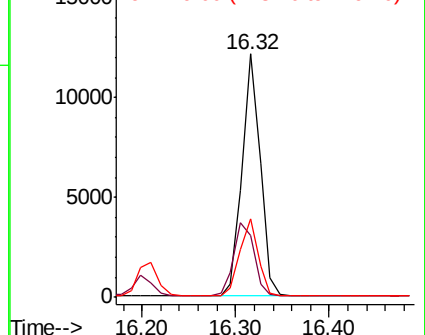
249 32.0 26.6 39.8



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: 1.810 ng

RT: 16.66 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

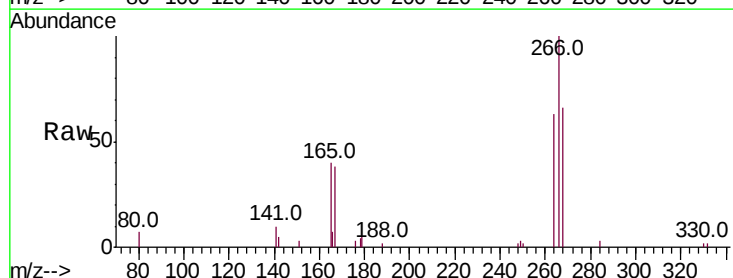
Tgt Ion:266 Resp: 5020

Ion Ratio Lower Upper

266 100

264 63.3 56.2 84.2

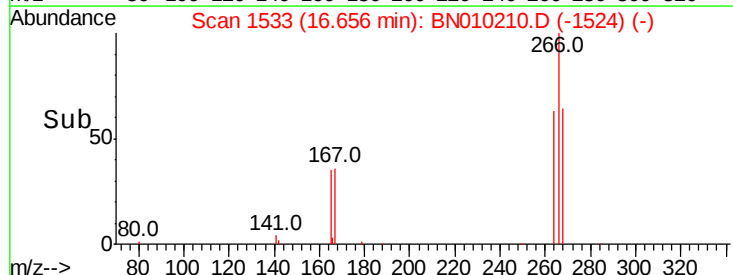
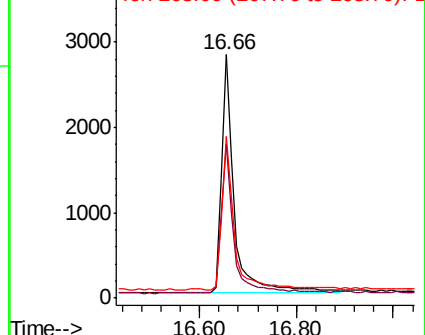
268 66.2 61.4 92.2

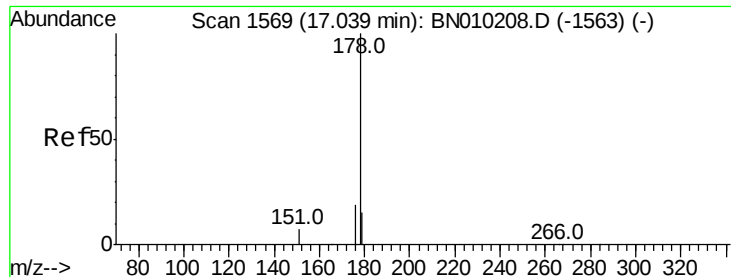


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.482 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

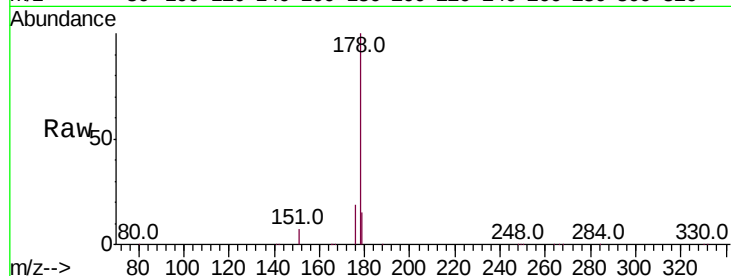
Tot Ion:178 Resp: 76667

Ion Ratio Lower Upper

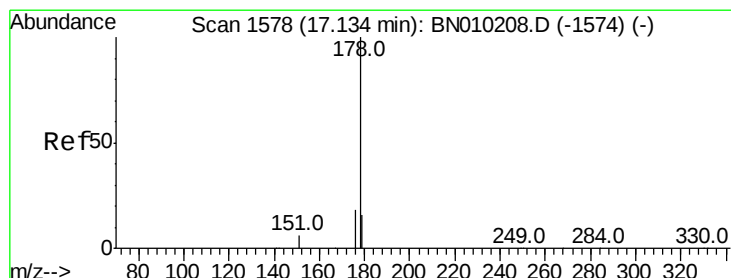
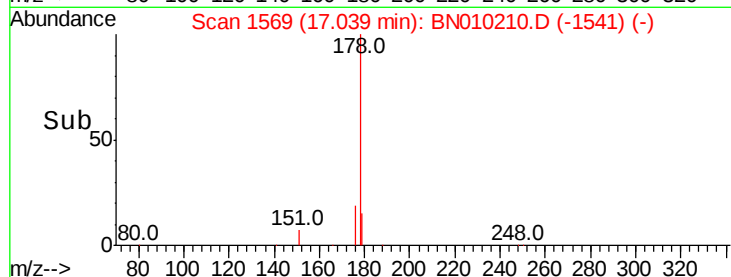
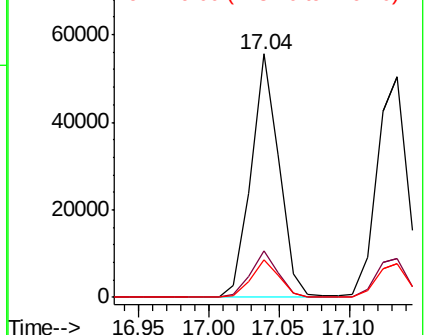
178 100

176 18.7 15.0 22.4

179 15.3 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: 1.751 ng

RT: 17.13 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

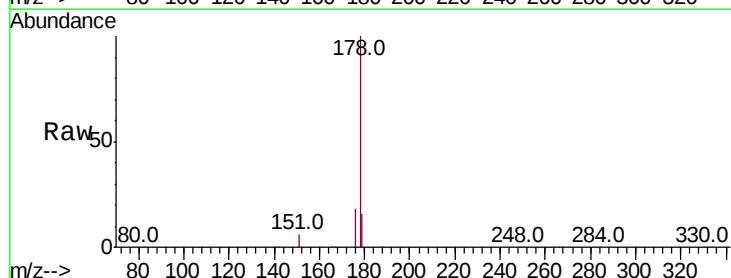
Tgt Ion:178 Resp: 76591

Ion Ratio Lower Upper

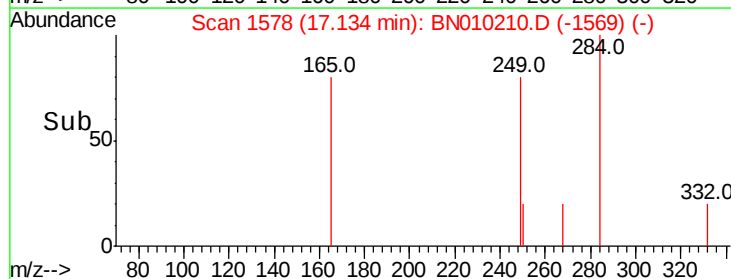
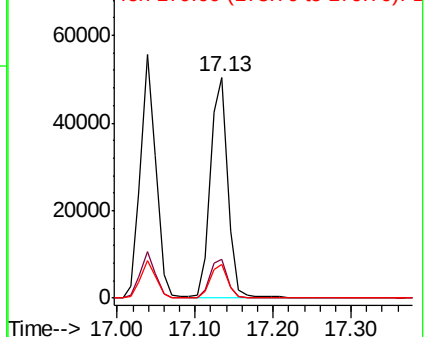
178 100

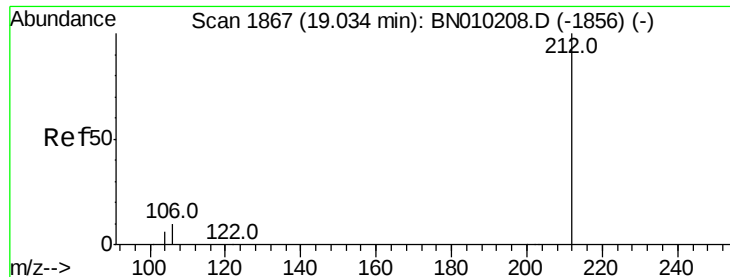
176 18.1 14.6 22.0

179 15.1 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: 1.477 ng

RT: 19.03 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

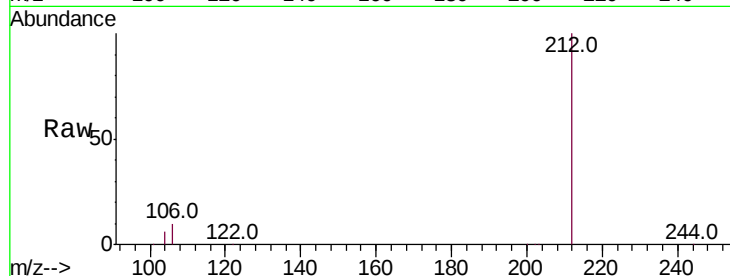
Tot Ion:212 Resp: 88806

Ion Ratio Lower Upper

212 100

106 10.1 8.1 12.1

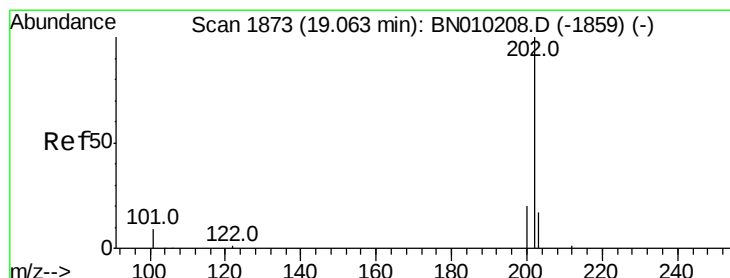
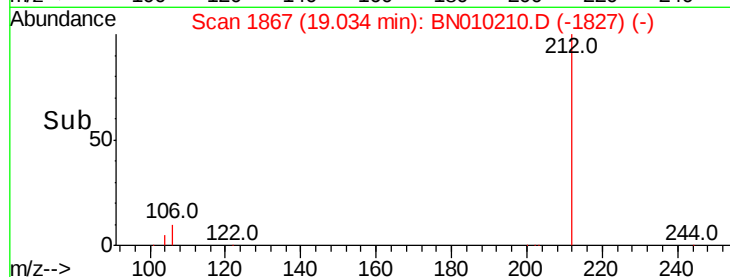
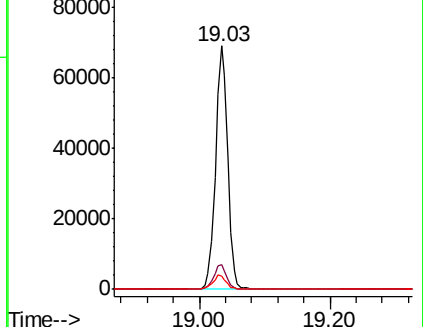
104 5.7 4.7 7.1



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: 1.557 ng

RT: 19.06 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

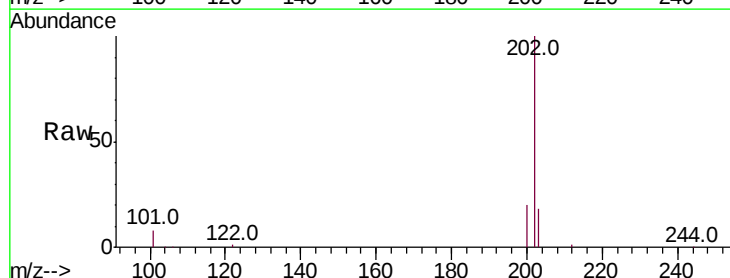
Tgt Ion:202 Resp: 96482

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.6

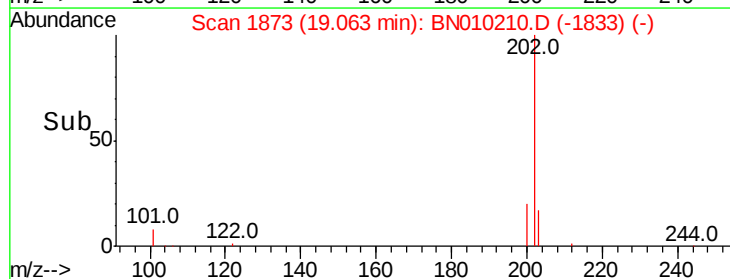
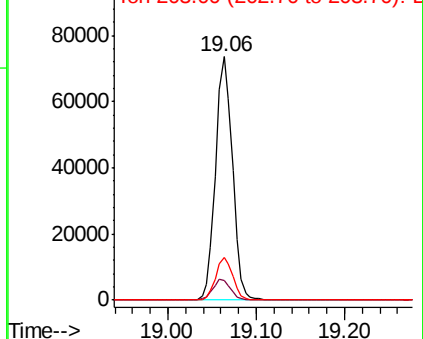
203 17.4 13.9 20.9

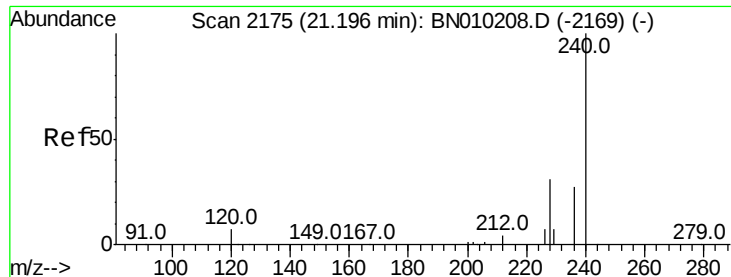


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN010210.D

Acq: 13 Mar 2020 20:59

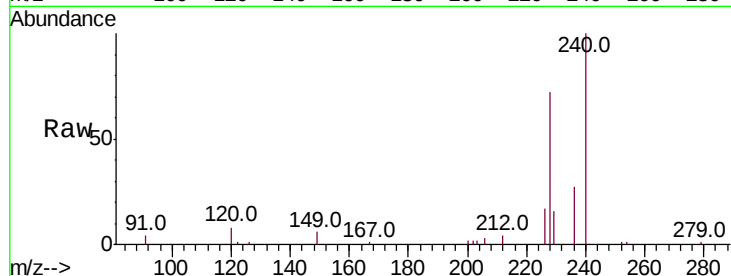
Instrument :

BNA_N

ClientSampleId :

Tot Ion:240 Resp: 17912

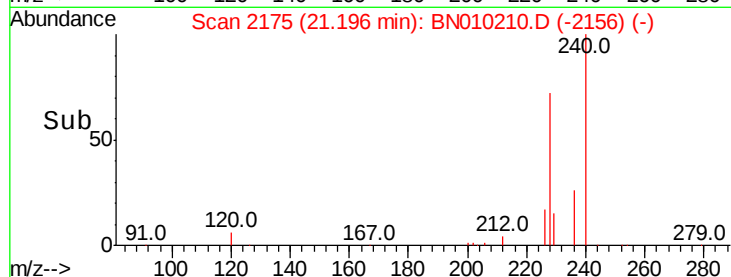
Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.7	11.5
236	26.8	21.8	32.6



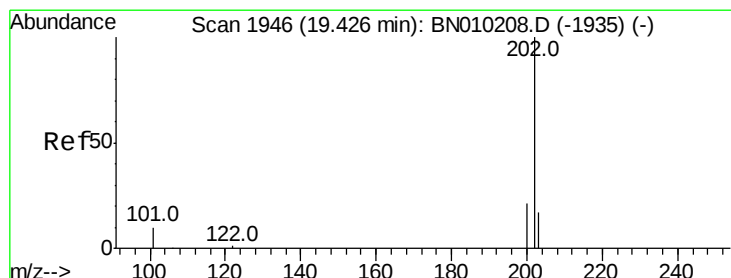
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#28

Pyrene

Concen: 1.459 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

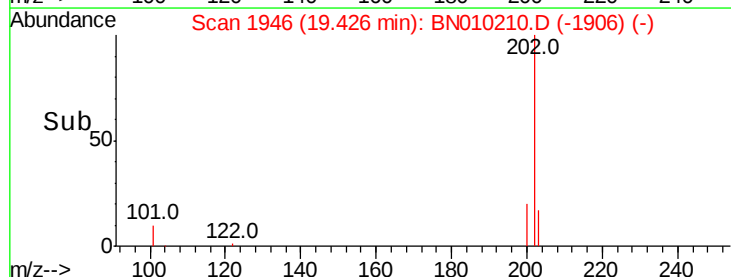
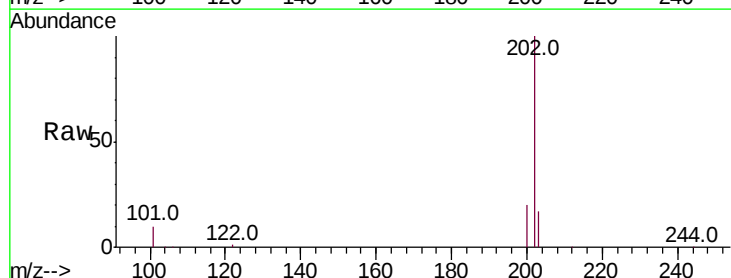
Tgt Ion:202 Resp: 99240

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.5	14.1	21.1

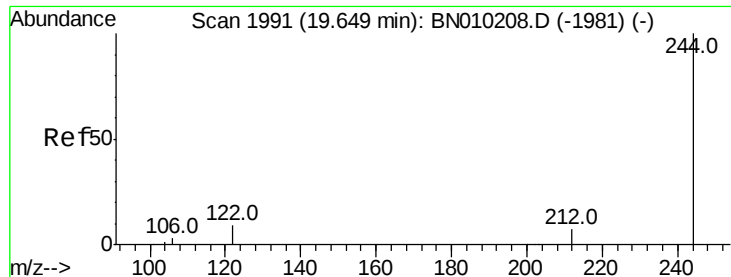
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#29

Terphenyl-d14

Concen: 1.578 ng

RT: 19.65 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

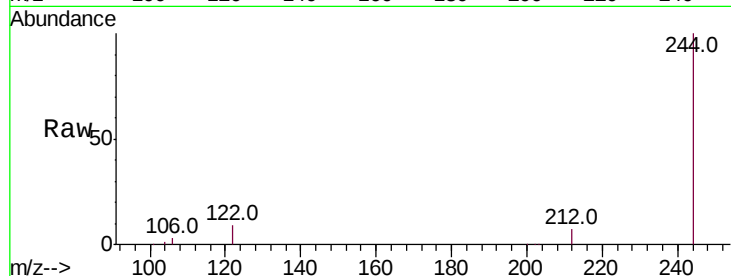
Tot Ion:244 Resp: 67544

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

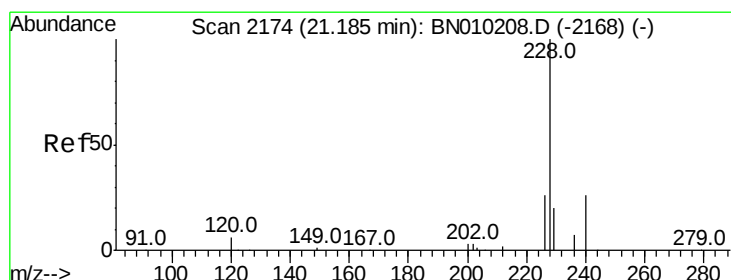
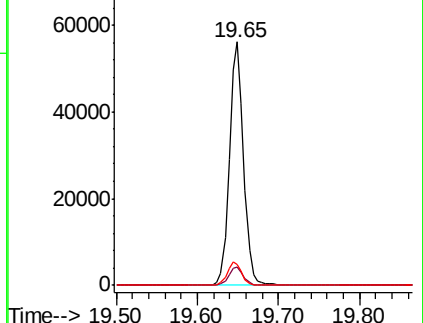
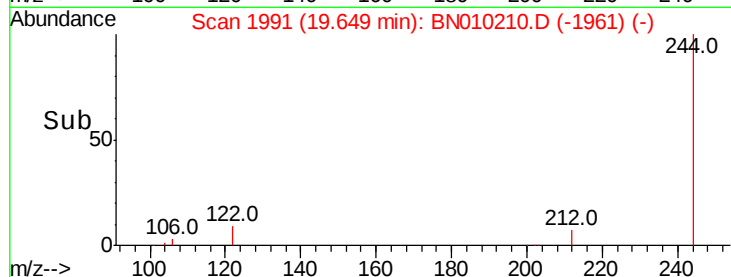
122 8.8 8.1 12.1



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: 1.704 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

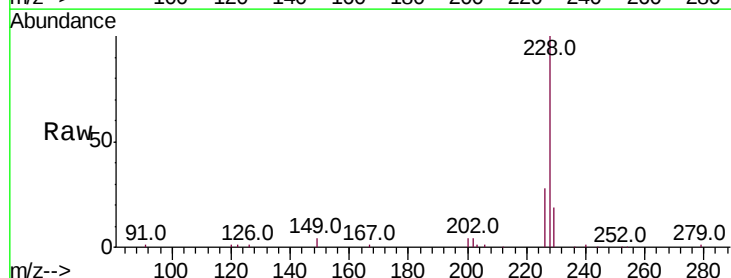
Tgt Ion:228 Resp: 101309

Ion Ratio Lower Upper

228 100

226 27.9 21.1 31.7

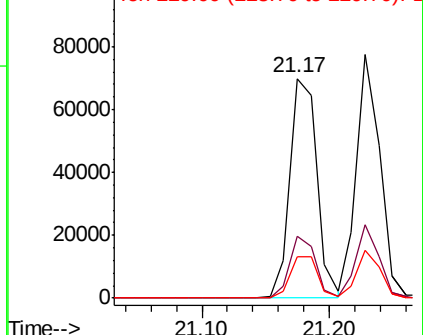
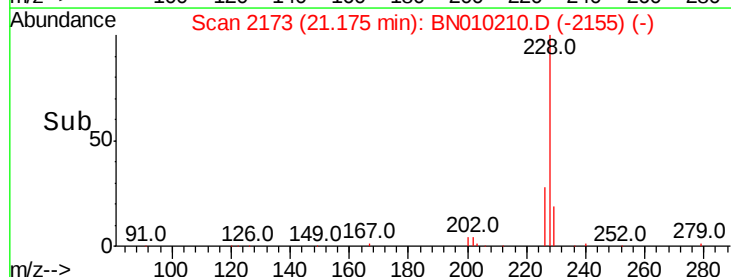
229 19.0 16.2 24.4

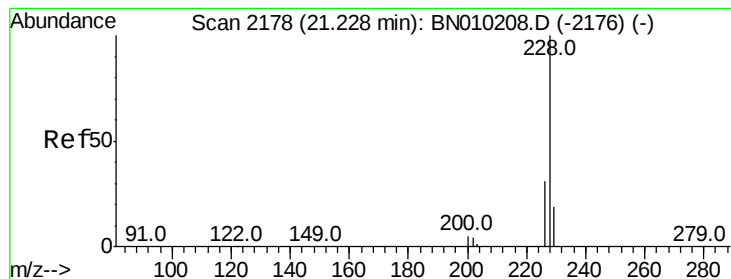


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

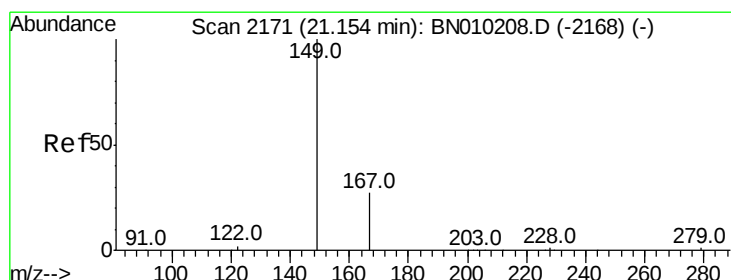
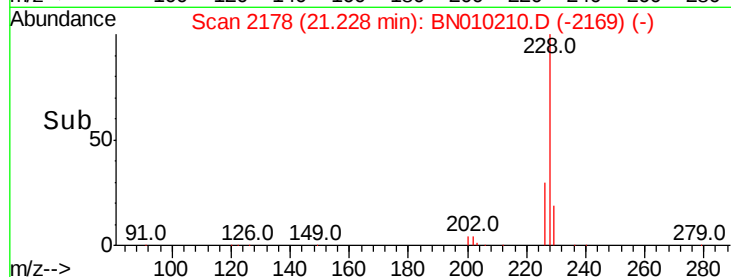
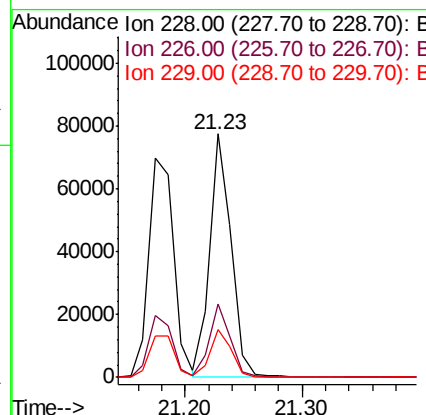
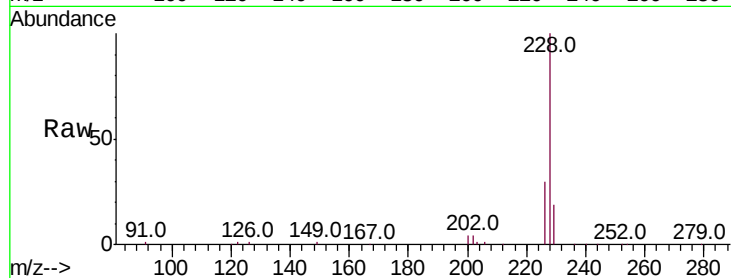




#31
Chrysene
Concen: 1.434 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

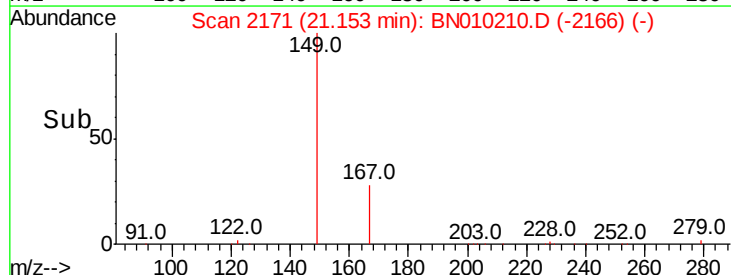
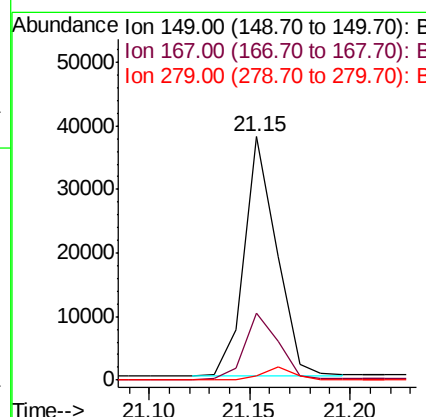
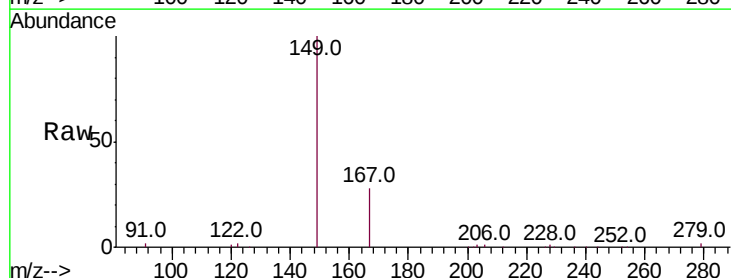
Instrument :
BNA_N
ClientSampleId :

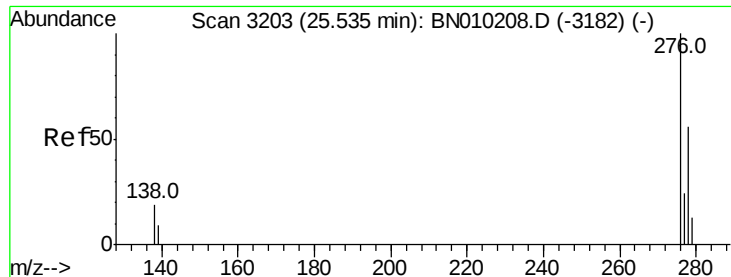
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.4
229	19.5	15.7	23.5



#32
Bis(2-ethylhexyl)phthalate
Concen: 1.459 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010210.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.0	31.4
279	4.9	0.0	0.0#

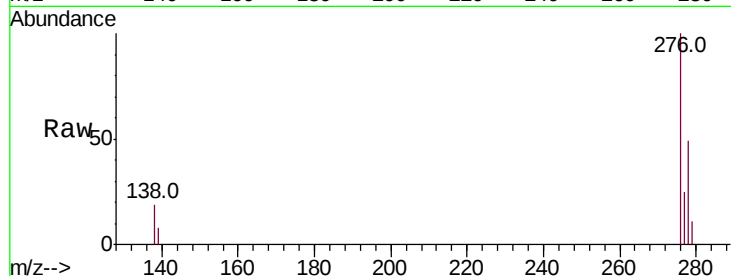




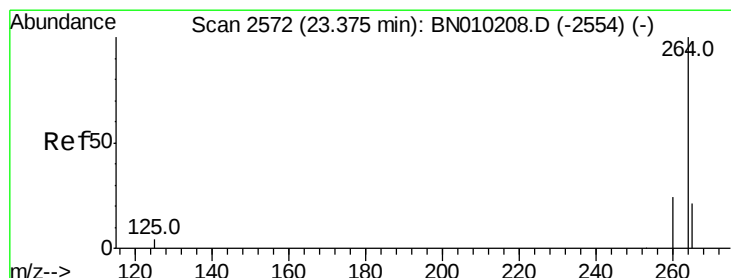
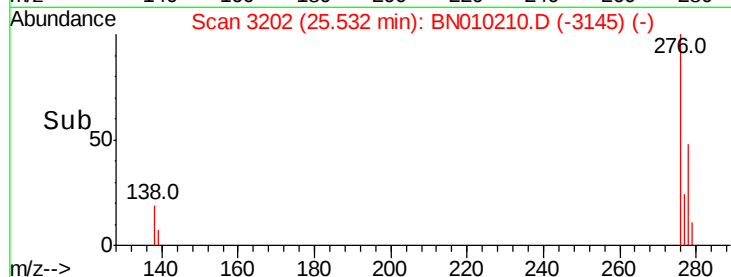
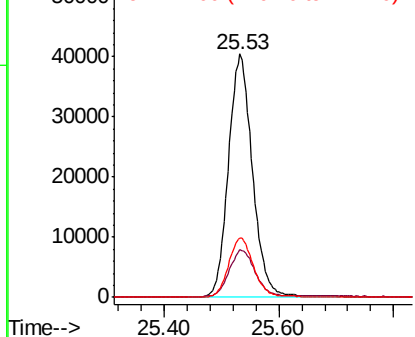
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.636 ng
 RT: 25.53 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BN010210.D
 Acq: 13 Mar 2020 20:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 117152
 Ion Ratio Lower Upper
 276 100
 138 20.7 0.0 0.0#
 277 25.0 0.0 0.0#

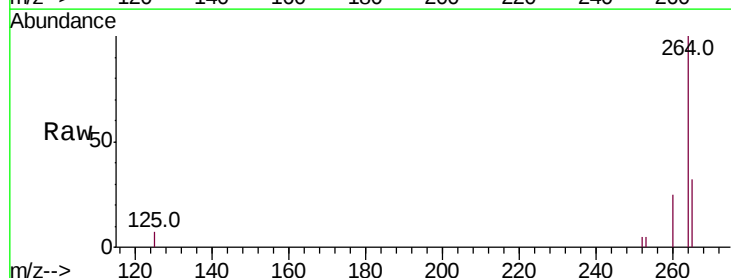


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

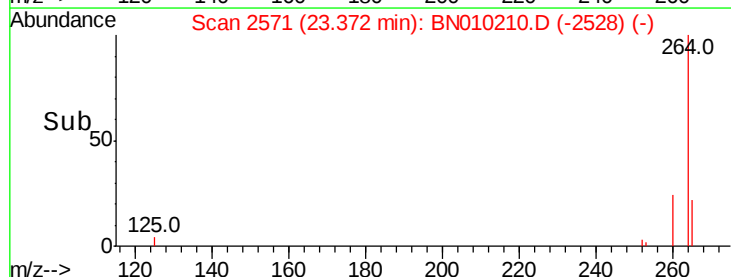
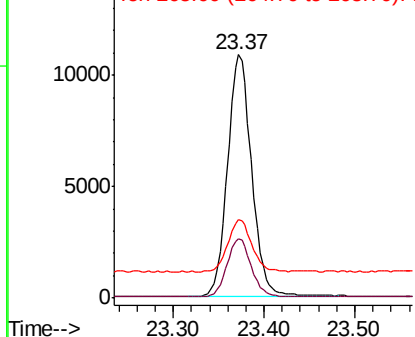


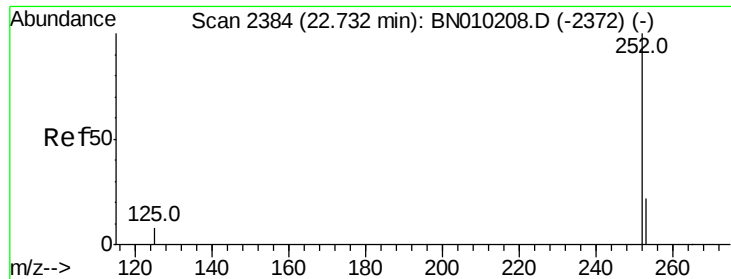
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.37 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BN010210.D
 Acq: 13 Mar 2020 20:59

Tgt Ion:264 Resp: 19856
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 32.3 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: 1.395 ng

RT: 22.73 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

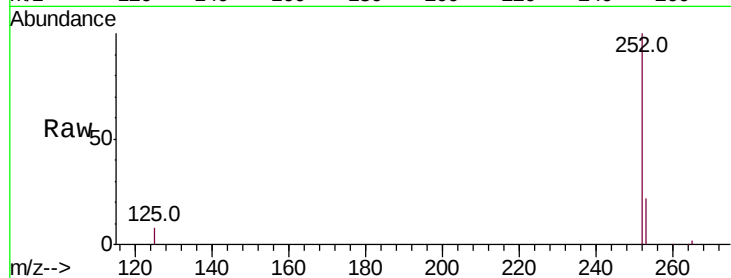
Tot Ion:252 Resp: 101281

Ion Ratio Lower Upper

252 100

253 22.0 18.6 28.0

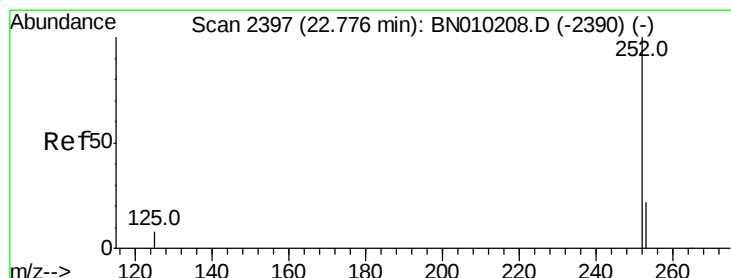
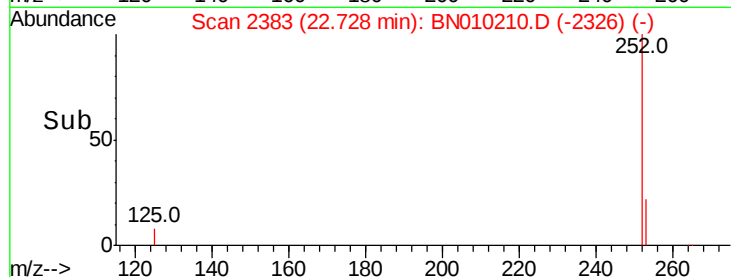
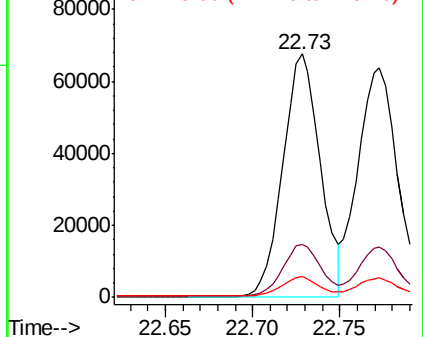
125 8.3 7.9 11.9



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: 1.293 ng

RT: 22.77 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

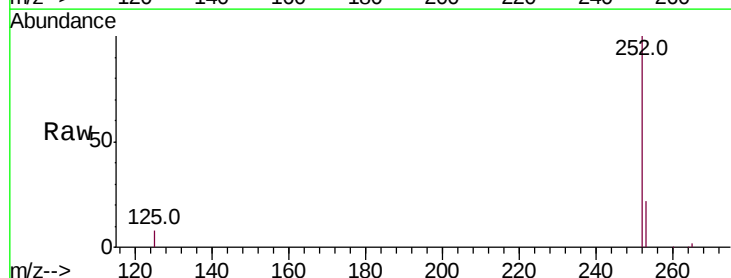
Tgt Ion:252 Resp: 102182

Ion Ratio Lower Upper

252 100

253 22.1 18.8 28.2

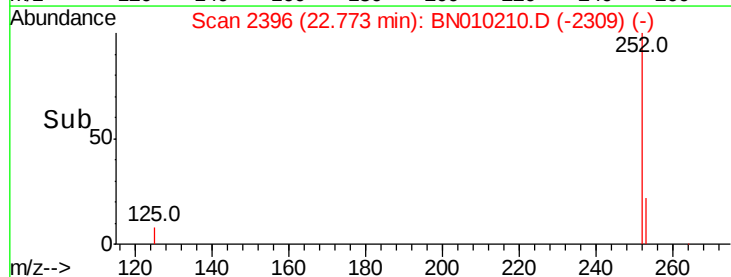
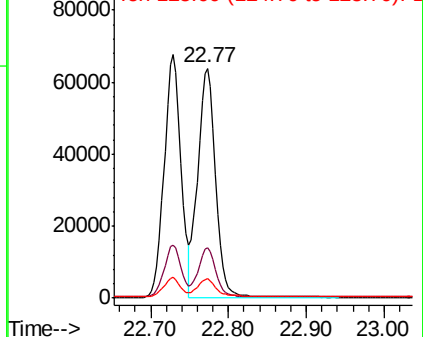
125 8.3 8.2 12.4

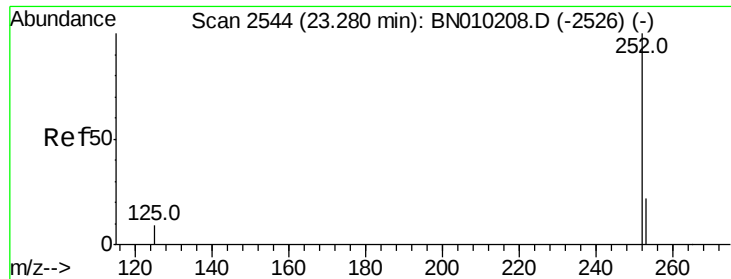


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.431 ng

RT: 23.28 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :

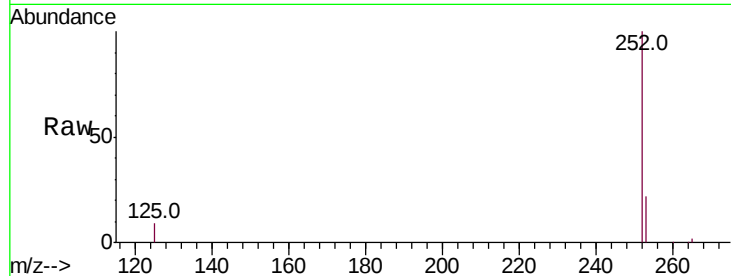
Tot Ion:252 Resp: 94797

Ion Ratio Lower Upper

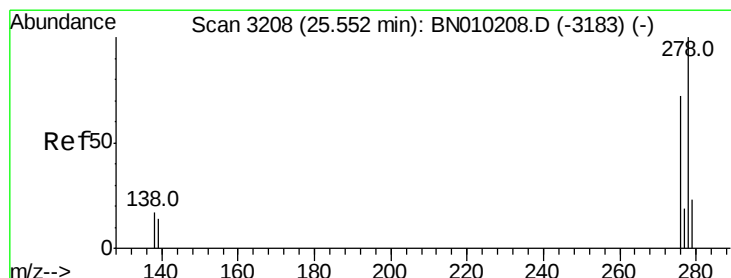
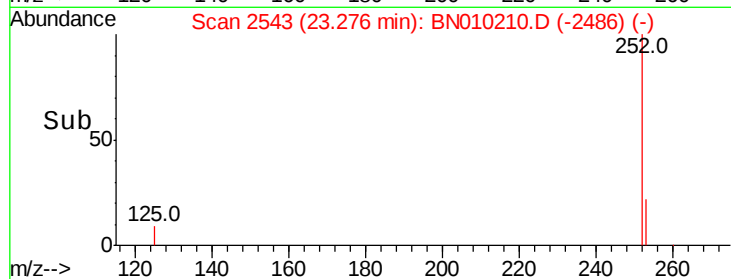
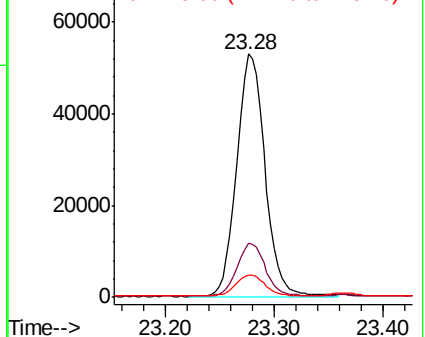
252 100

253 22.1 19.1 28.7

125 9.4 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: 1.471 ng

RT: 25.55 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

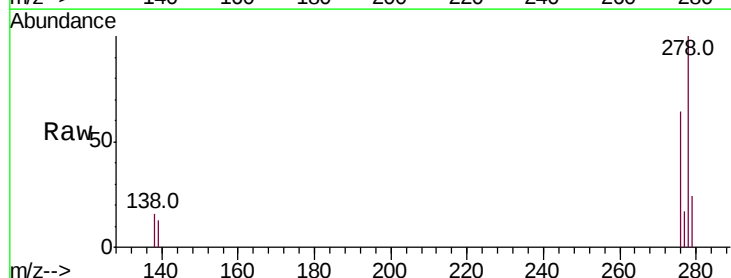
Tgt Ion:278 Resp: 95958

Ion Ratio Lower Upper

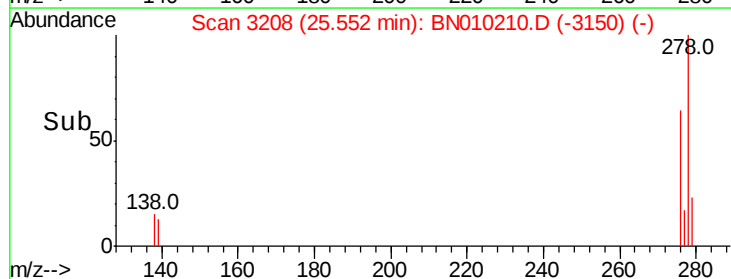
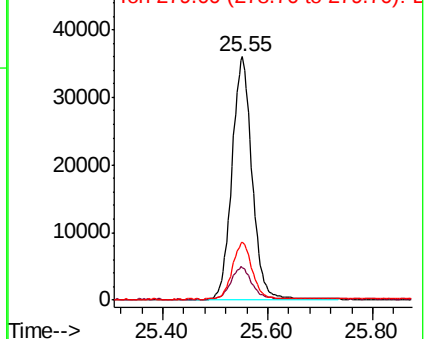
278 100

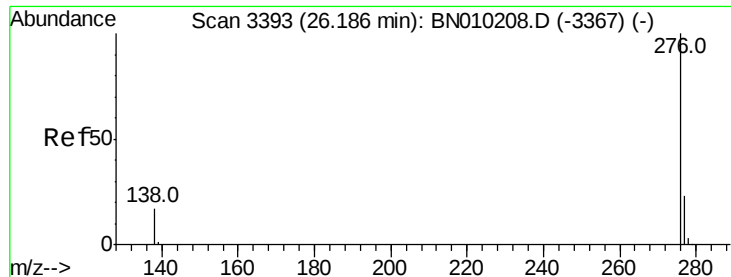
139 13.4 12.4 18.6

279 23.7 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: 1.370 ng

RT: 26.18 min Scan# 3392

Delta R.T. -0.00 min

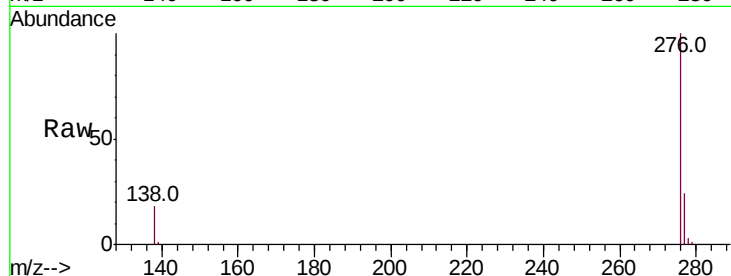
Lab File: BN010210.D

Acq: 13 Mar 2020 20:59

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 95149

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 18.0 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

