

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010823.D
 Acq On : 10 Jun 2020 18:39
 Operator : CG/JU
 Sample : PB129352BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:45:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2121	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	6927	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	3680	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	7172	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	5983	0.40	ng	0.00
34) Perylene-d12	23.28	264	5943	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1405	0.34	ng	0.00
5) Phenol-d6	6.75	99	1560	0.32	ng	0.00
8) Nitrobenzene-d5	8.69	82	1894	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	5156	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	395	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	5314	0.37	ng	0.00
25) Fluoranthene-d10	18.96	212	6434	0.33	ng	0.00
29) Terphenyl-d14	19.58	244	5093	0.36	ng	0.00

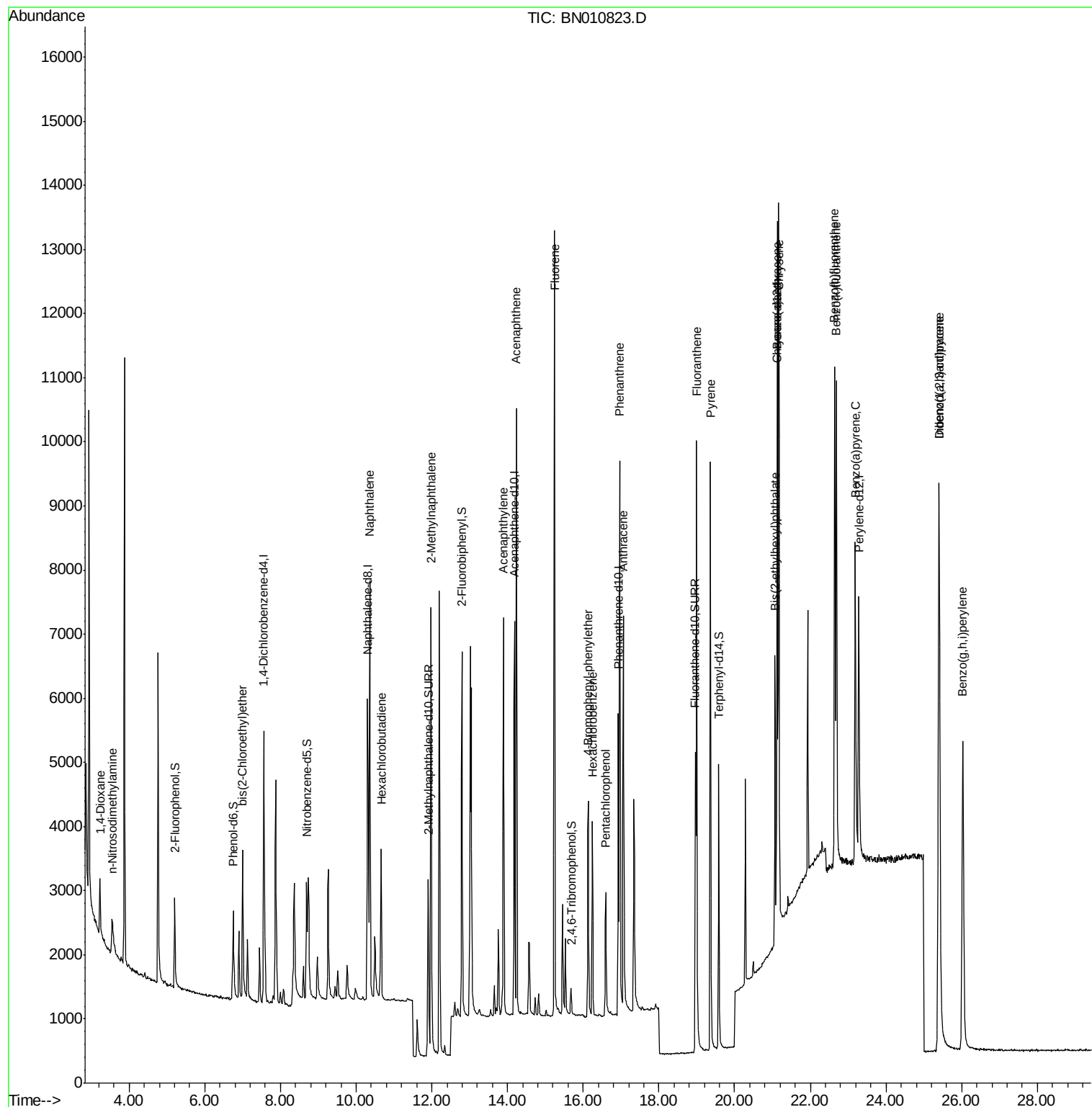
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	753	0.362	ng	# 80
3) n-Nitrosodimethylamine	3.55	42	648	0.537	ng	# 90
6) bis(2-Chloroethyl)ether	7.00	93	2345	0.499	ng	96
9) Naphthalene	10.35	128	8590	0.493	ng	99
10) Hexachlorobutadiene	10.66	225	2060	0.479	ng	# 98
12) 2-Methylnaphthalene	11.98	142	5662	0.486	ng	99
16) Acenaphthylene	13.89	152	7148	0.474	ng	100
17) Acenaphthene	14.24	154	4897	0.476	ng	98
18) Fluorene	15.24	166	6087	0.459	ng	98
20) 4-Bromophenyl-phenylether	16.14	248	1927	0.447	ng	99
21) Hexachlorobenzene	16.24	284	2168	0.482	ng	99
22) Pentachlorophenol	16.59	266	1231	0.816	ng	97
23) Phenanthrene	16.96	178	9394	0.480	ng	99
24) Anthracene	17.06	178	7635	0.467	ng	99
26) Fluoranthene	19.00	202	10022	0.451	ng	100
28) Pyrene	19.36	202	9817	0.496	ng	99
30) Benzo(a)anthracene	21.11	228	8437	0.480	ng	97
31) Chrysene	21.16	228	10028	0.489	ng	99
32) Bis(2-ethylhexyl)phthalate	21.07	149	2789	0.476	ng	98
33) Indeno(1,2,3-cd)pyrene	25.39	276	12034	0.525	ng	99
35) Benzo(b)fluoranthene	22.64	252	9794	0.485	ng	99
36) Benzo(k)fluoranthene	22.69	252	10345	0.481	ng	99
37) Benzo(a)pyrene	23.19	252	8702	0.502	ng	97
38) Dibenzo(a,h)anthracene	25.41	278	9939	0.503	ng	99
39) Benzo(g,h,i)perylene	26.03	276	11025	0.534	ng	98

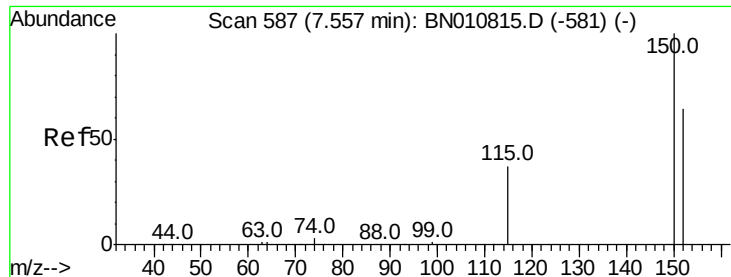
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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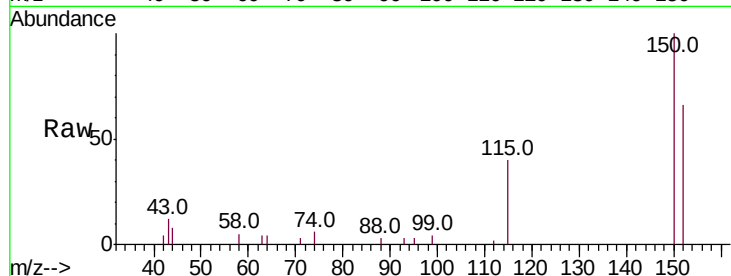


#1

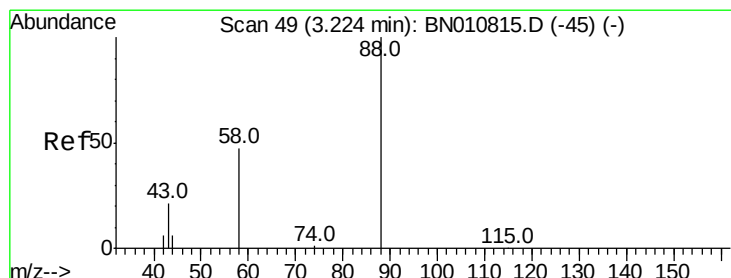
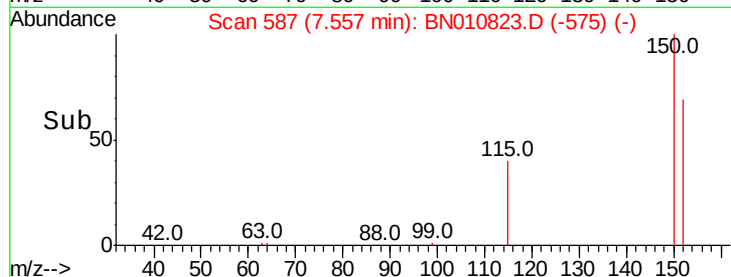
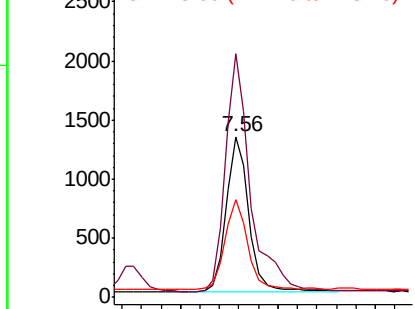
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 2121
Ion Ratio Lower Upper
152 100
150 151.8 123.8 185.6
115 60.6 49.2 73.8



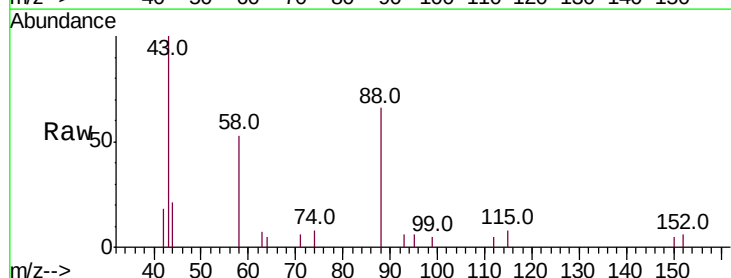
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



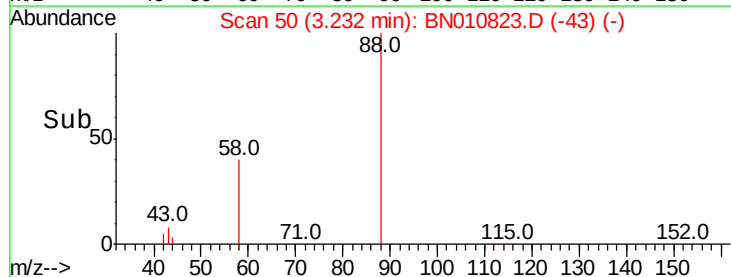
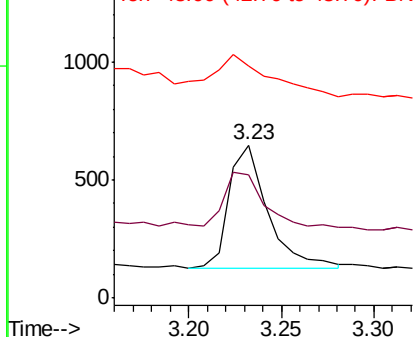
#2

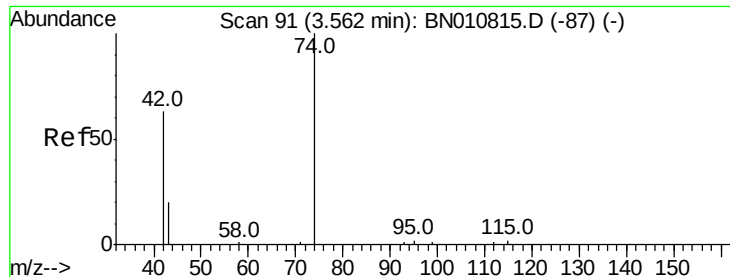
1,4-Dioxane
Concen: 0.362 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.01 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

Tgt Ion: 88 Resp: 753
Ion Ratio Lower Upper
88 100
58 46.3 38.2 57.4
43 48.2 15.1 22.7#



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

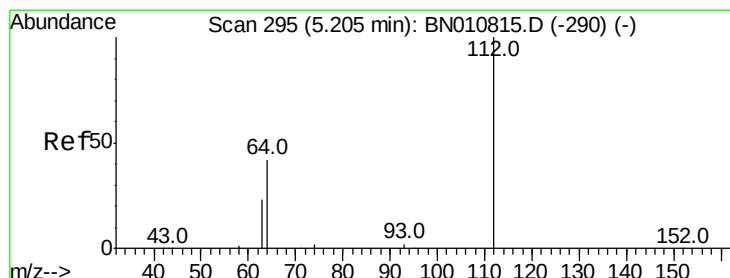
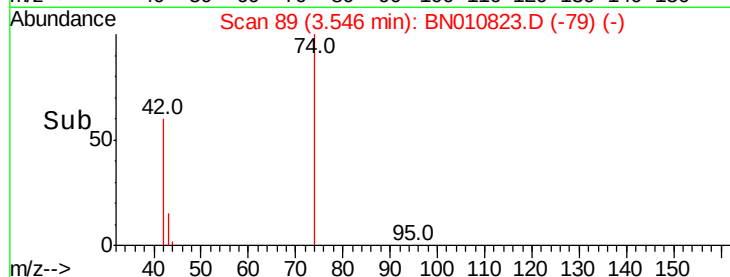
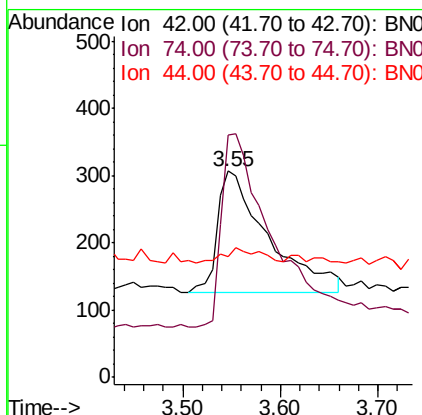
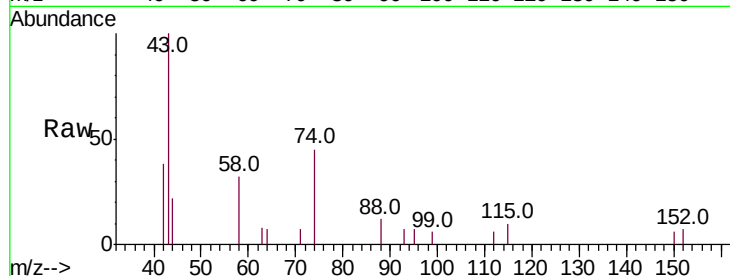




#3
n-Nitrosodimethylamine
Concen: 0.537 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.02 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

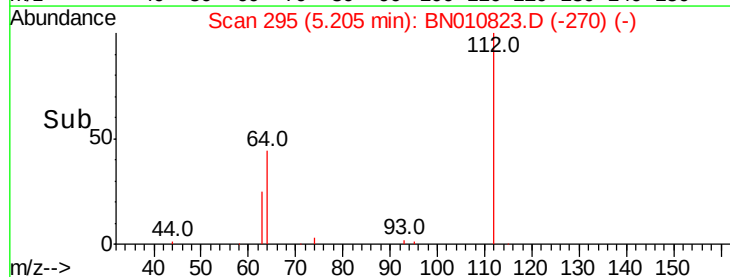
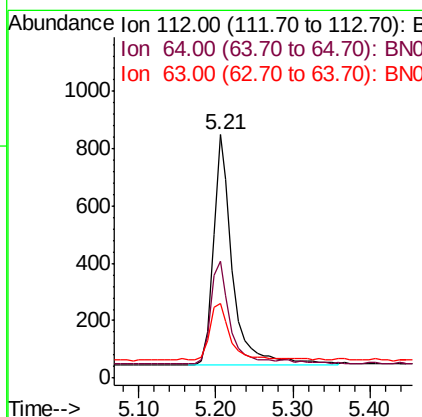
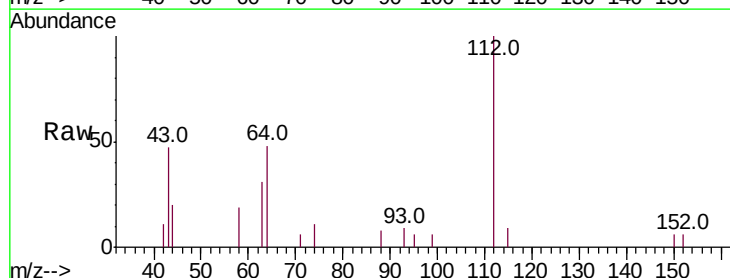
Instrument :
BNA_N
ClientSampleId :

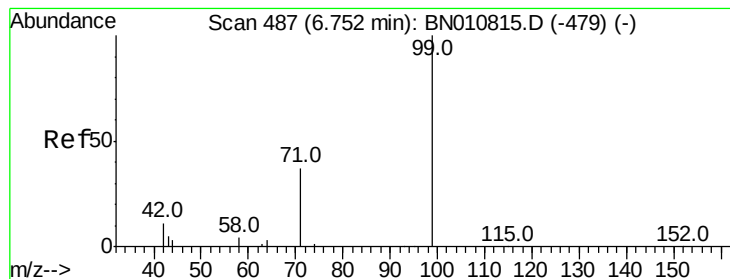
Tot Ion: 42 Resp: 648
Ion Ratio Lower Upper
42 100
74 162.7 140.7 211.1
44 8.8 1.4 2.2#



#4
2-Fluorophenol
Concen: 0.343 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

Tgt Ion:112 Resp: 1405
Ion Ratio Lower Upper
112 100
64 46.7 37.4 56.0
63 26.3 22.2 33.4





#5

Phenol-d6

Concen: 0.323 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampled :

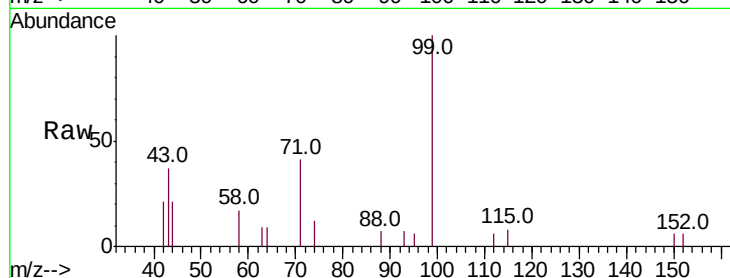
Tot Ion: 99 Resp: 1560

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

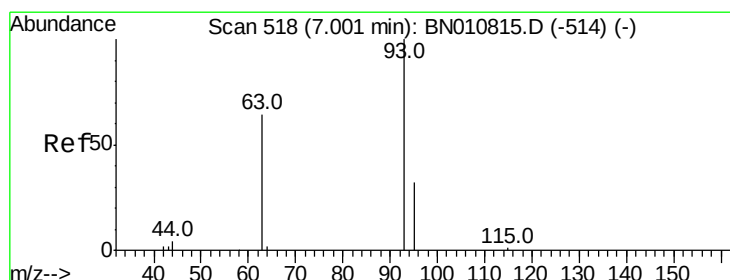
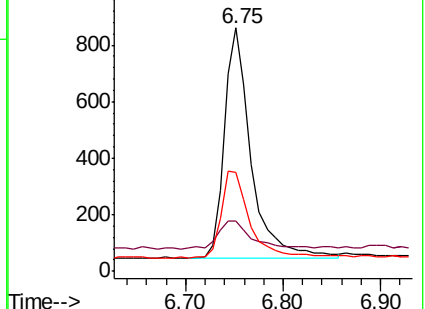
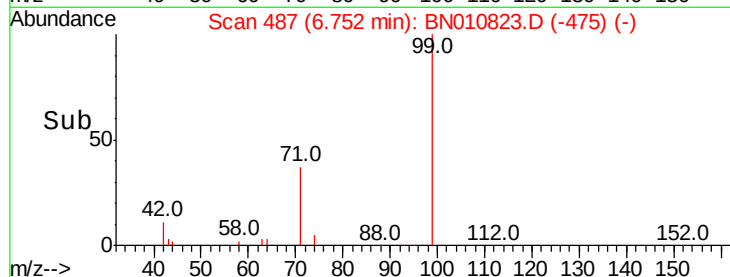
71 41.5 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010823.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN010823.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN010823.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.499 ng

RT: 7.00 min Scan# 518

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

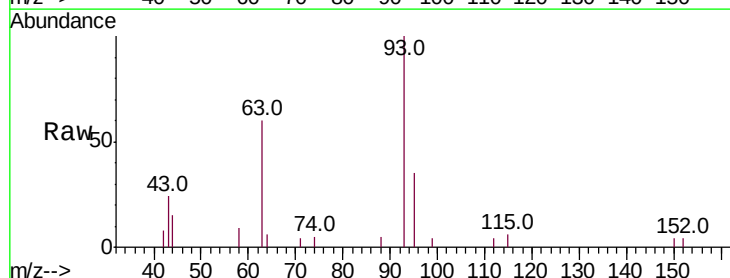
Tgt Ion: 93 Resp: 2345

Ion Ratio Lower Upper

93 100

63 57.2 49.4 74.2

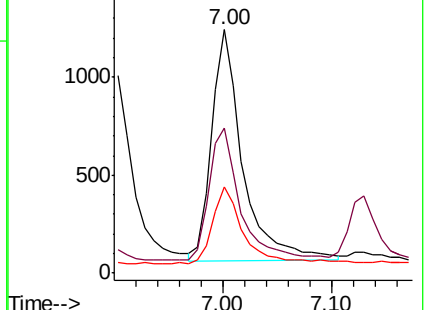
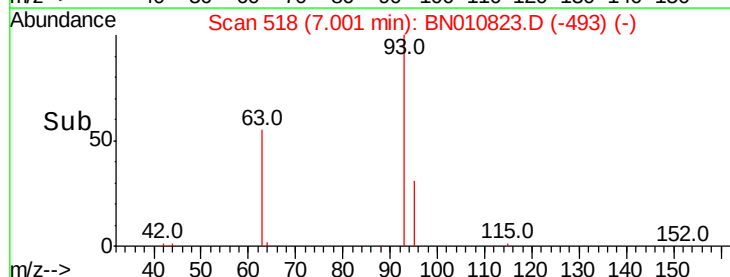
95 33.4 26.7 40.1

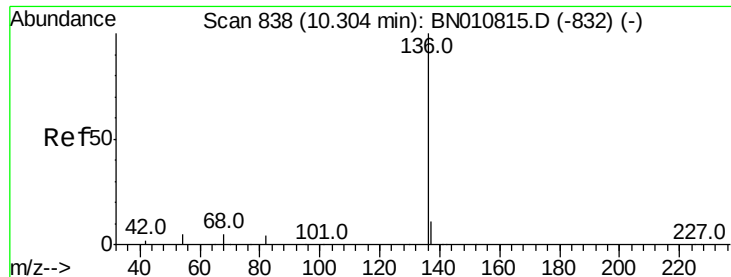


Abundance Ion 93.00 (92.70 to 93.70): BN010823.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN010823.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN010823.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 6927

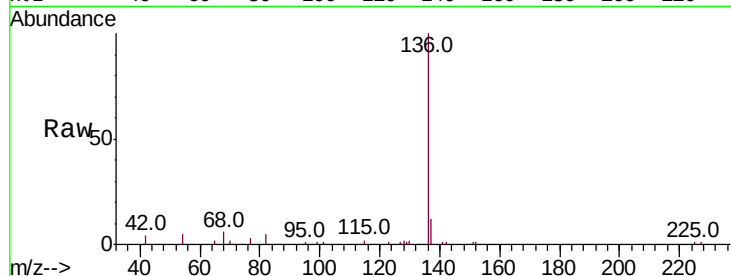
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.3 4.9 7.3

68 5.6 4.7 7.1

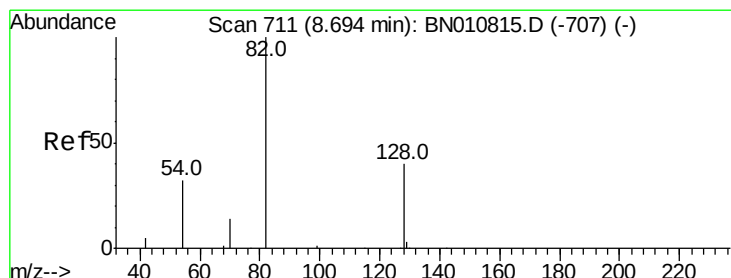
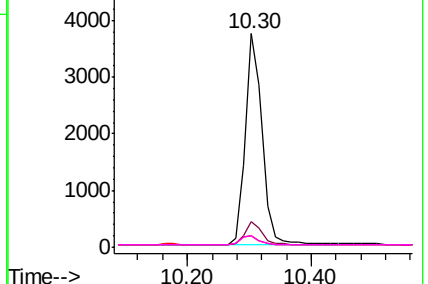
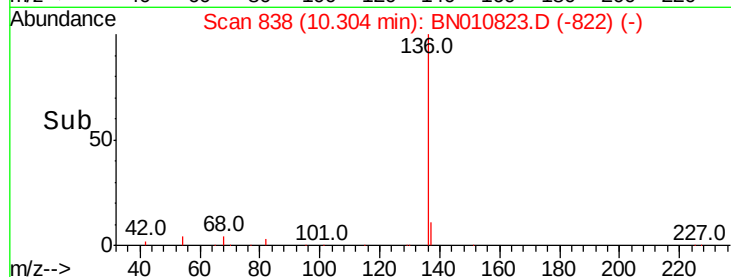


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.369 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

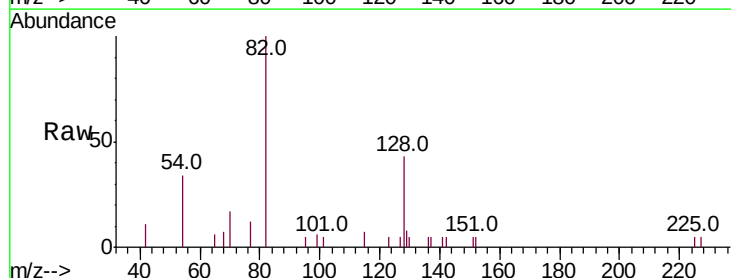
Tgt Ion: 82 Resp: 1894

Ion Ratio Lower Upper

82 100

128 43.1 35.4 53.0

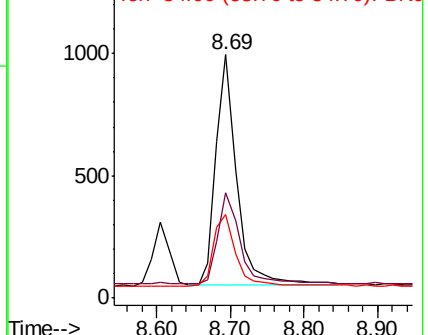
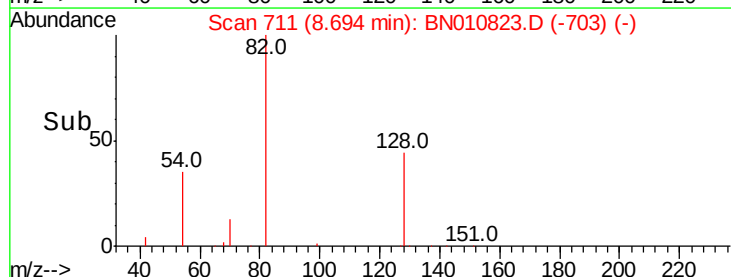
54 34.2 28.2 42.4

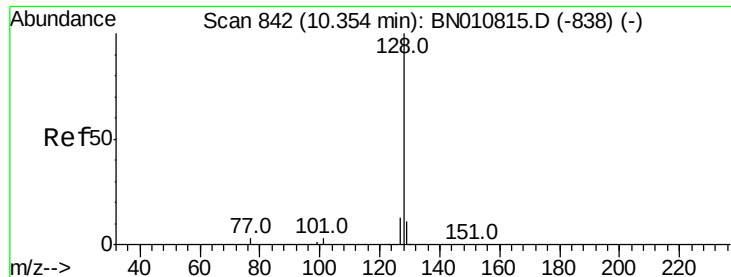


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.493 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

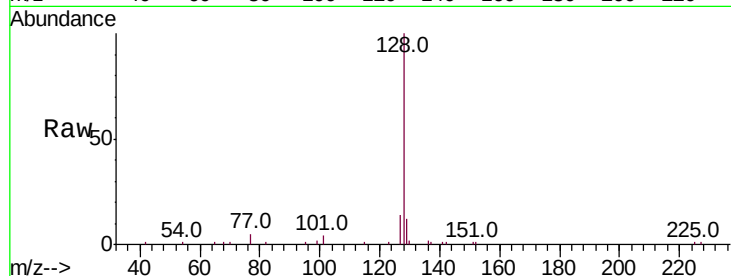
Tot Ion:128 Resp: 8590

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

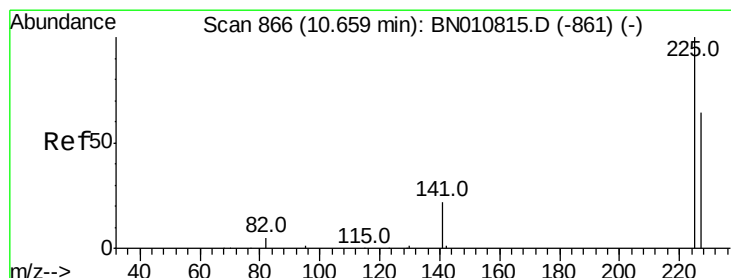
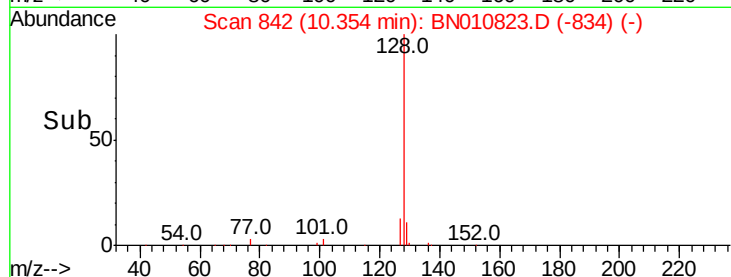
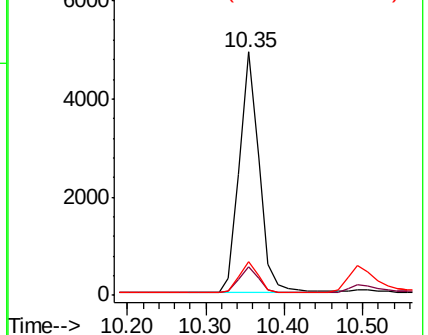
127 13.9 11.4 17.2



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: 0.479 ng

RT: 10.66 min Scan# 866

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

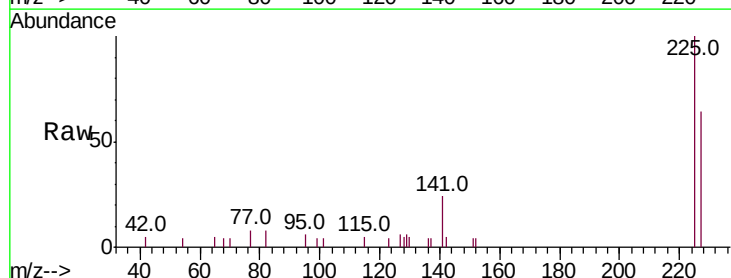
Tgt Ion:225 Resp: 2060

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

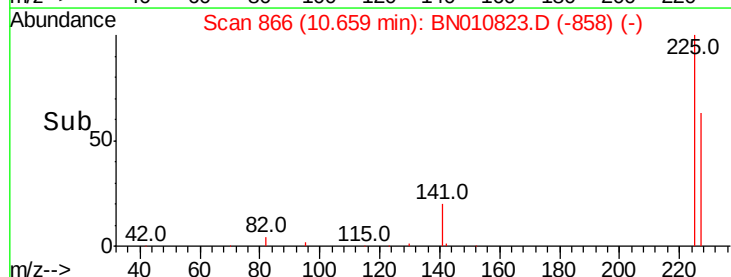
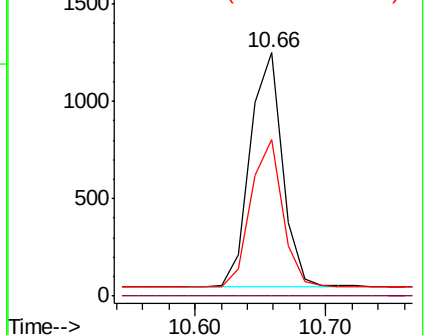
227 61.9 50.5 75.7

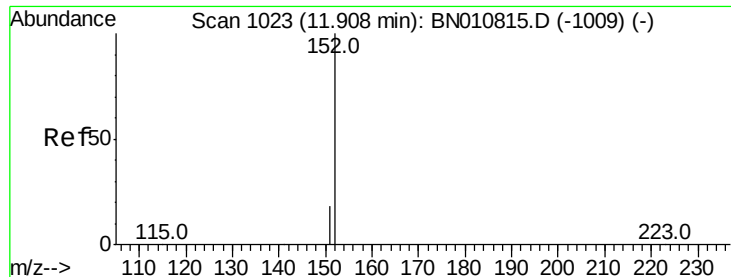


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

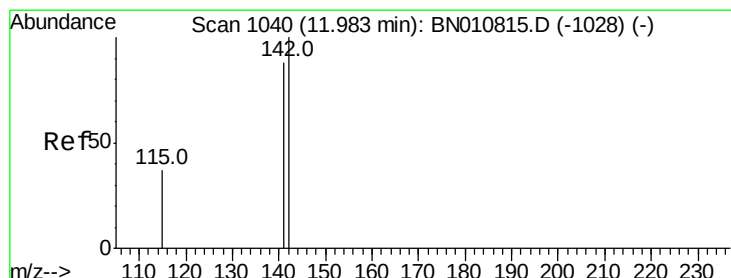
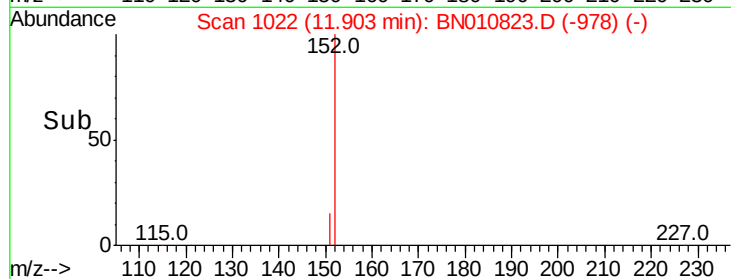
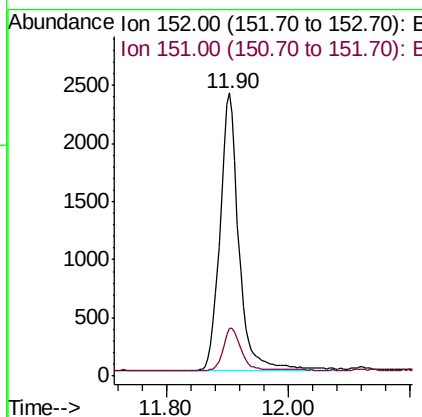
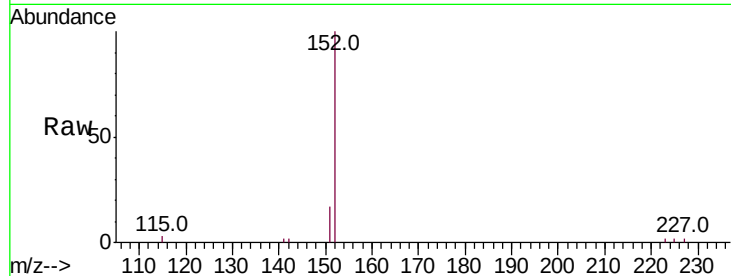




#11
 2-Methylnaphthalene-d10
 Concen: 0.480 ng
 RT: 11.90 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BN010823.D
 Acq: 10 Jun 2020 18:39

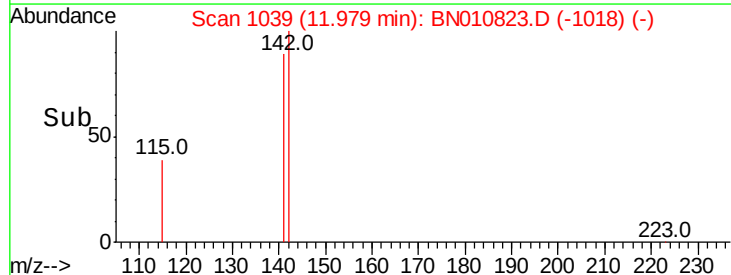
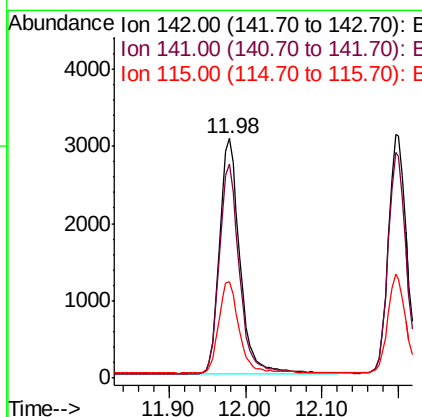
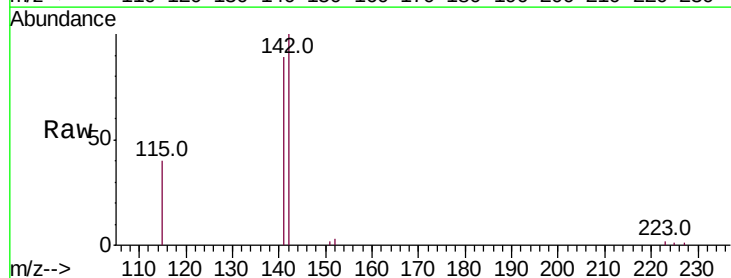
Instrument :
 BNA_N
 ClientSampled :

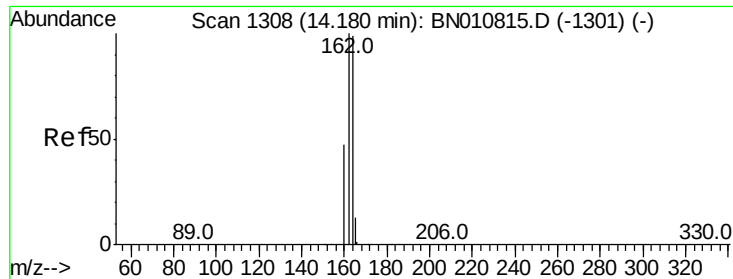
Tot Ion:152 Resp: 5156
 Ion Ratio Lower Upper
 152 100
 151 14.2 15.3 22.9#



#12
 2-Methylnaphthalene
 Concen: 0.486 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BN010823.D
 Acq: 10 Jun 2020 18:39

Tgt Ion:142 Resp: 5662
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 40.1 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

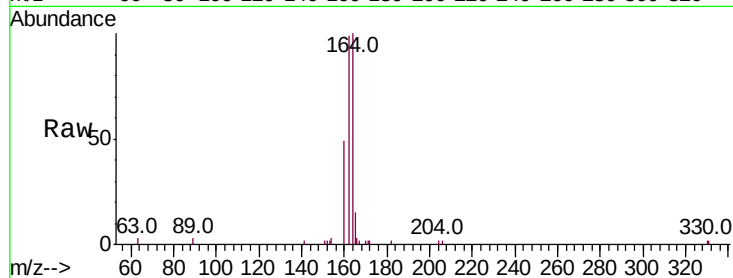
Tot Ion:164 Resp: 3680

Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.6

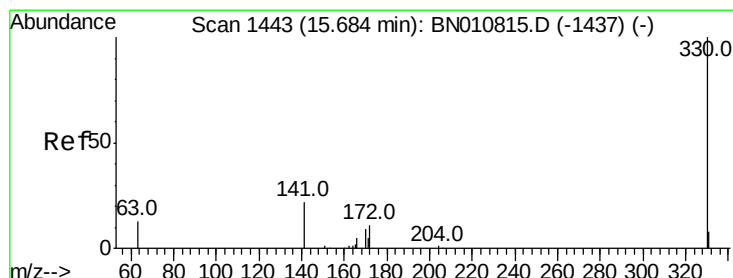
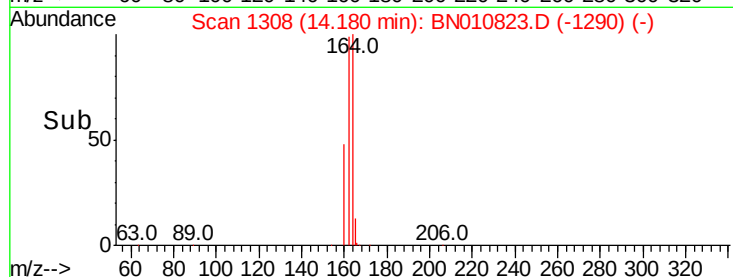
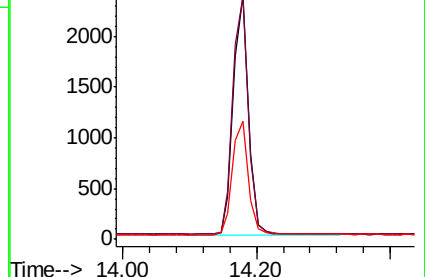
160 48.6 38.9 58.3



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: 0.300 ng

RT: 15.68 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

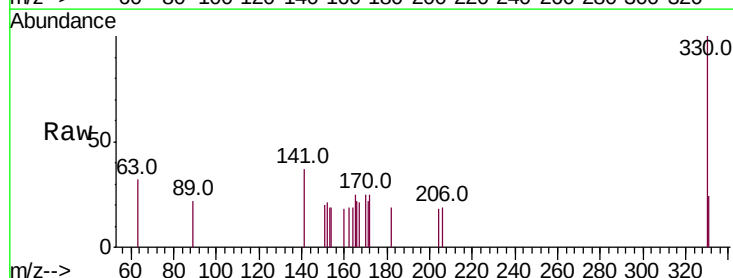
Tgt Ion:330 Resp: 395

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

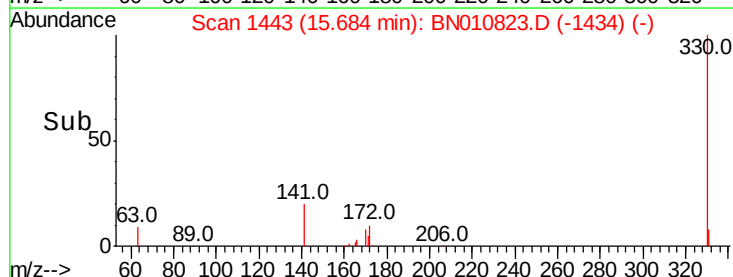
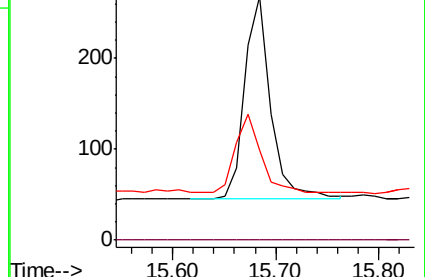
141 41.3 33.2 49.8

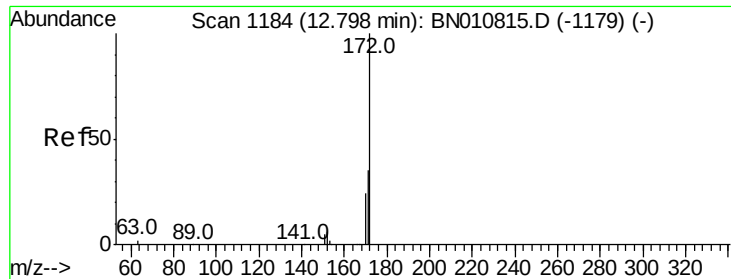


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

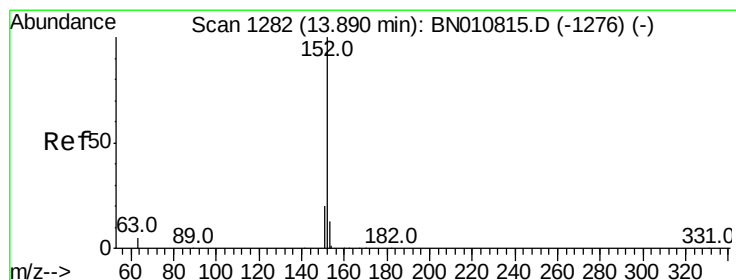
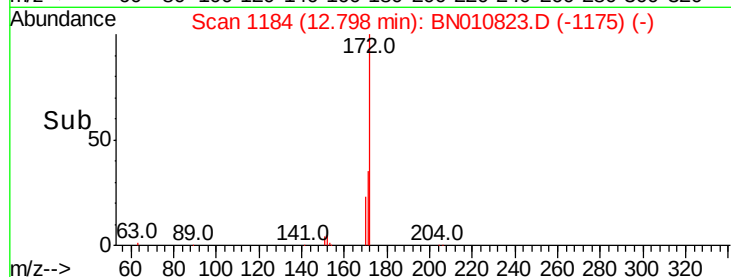
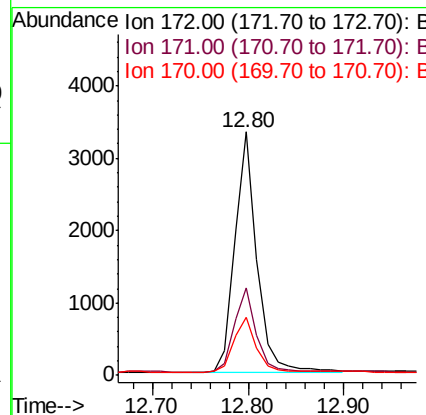
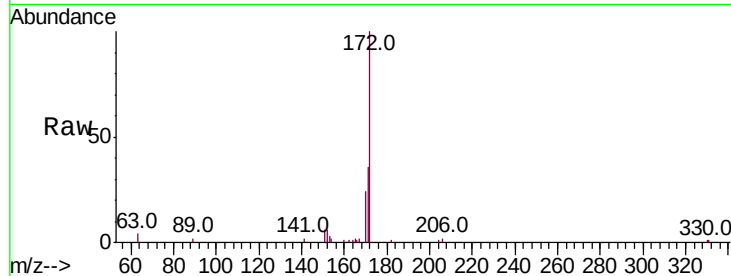




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

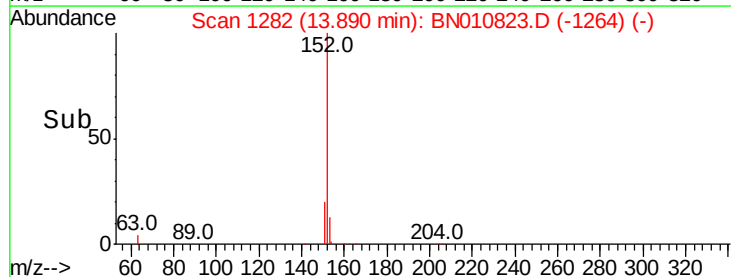
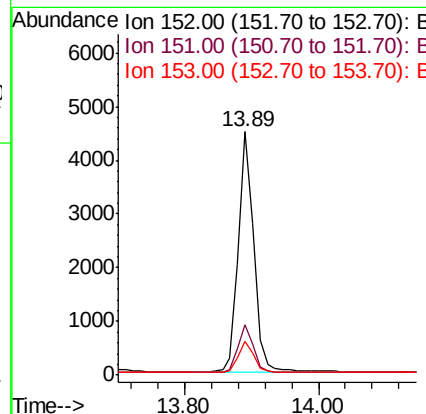
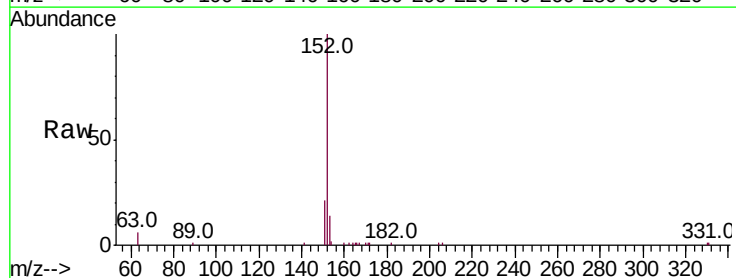
Instrument :
BNA_N
ClientSampleId :

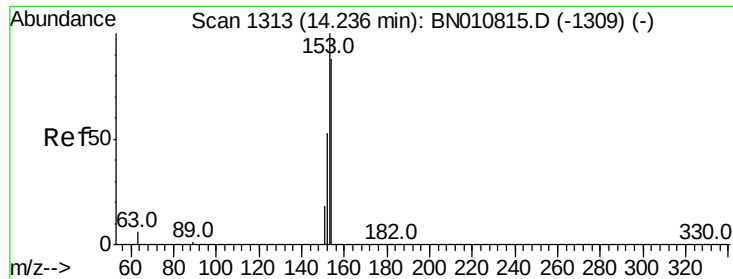
Tot Ion:172 Resp: 5314
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.1 19.7 29.5



#16
Acenaphthylene
Concen: 0.474 ng
RT: 13.89 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

Tgt Ion:152 Resp: 7148
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.476 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

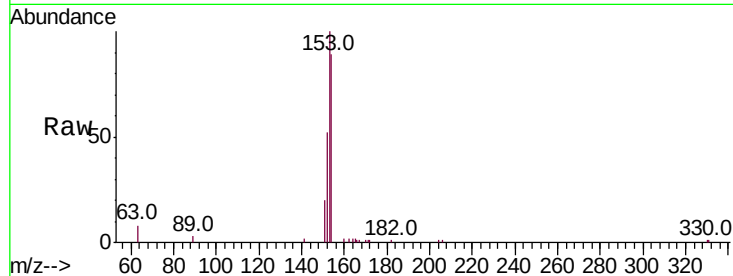
Tot Ion:154 Resp: 4897

Ion Ratio Lower Upper

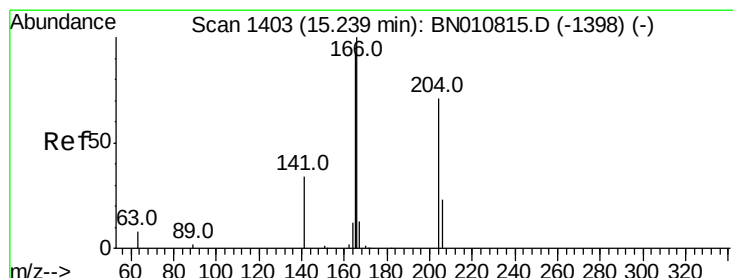
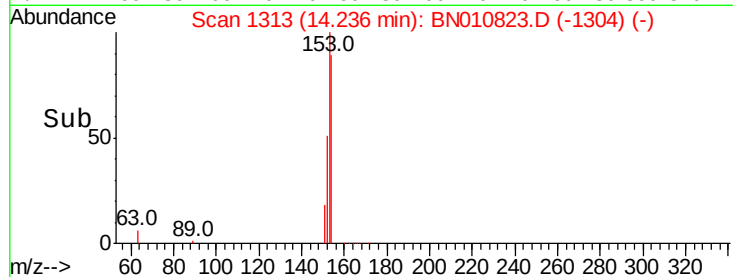
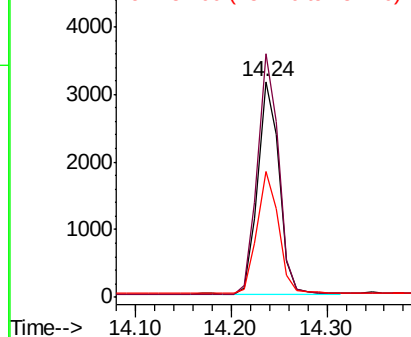
154 100

153 112.9 91.8 137.6

152 58.4 47.6 71.4



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: 0.459 ng

RT: 15.24 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

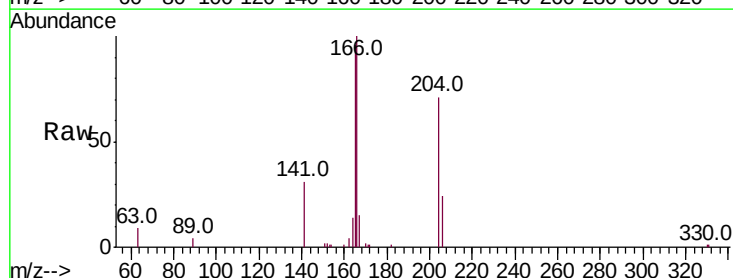
Tgt Ion:166 Resp: 6087

Ion Ratio Lower Upper

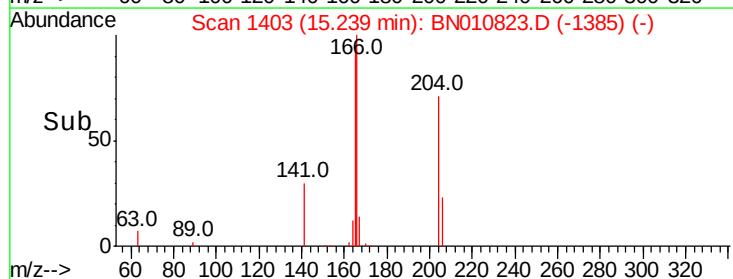
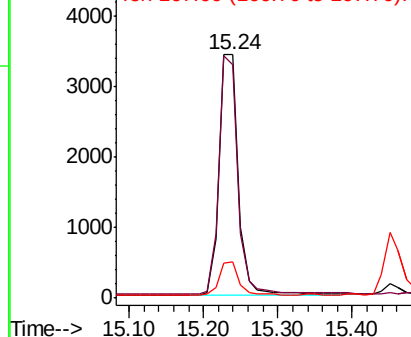
166 100

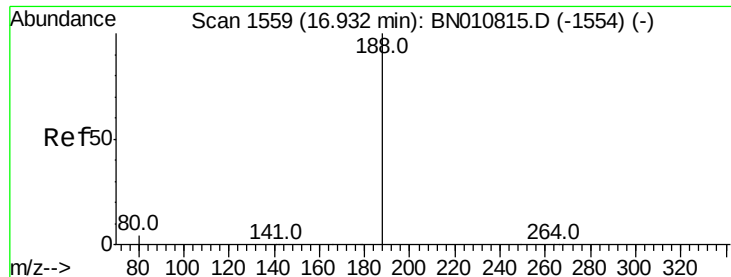
165 98.1 77.2 115.8

167 13.8 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: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

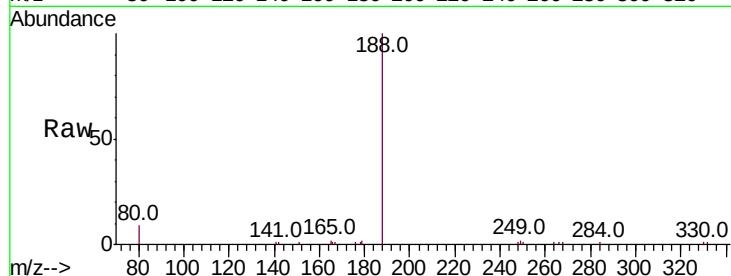
Tot Ion:188 Resp: 7172

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

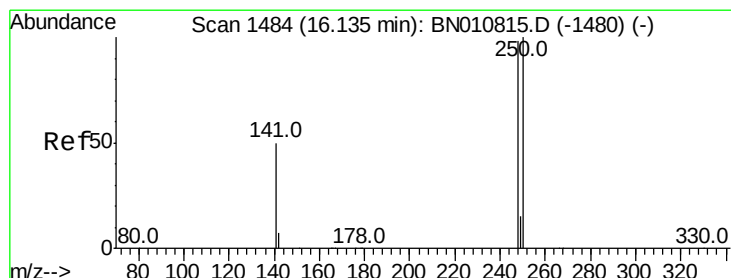
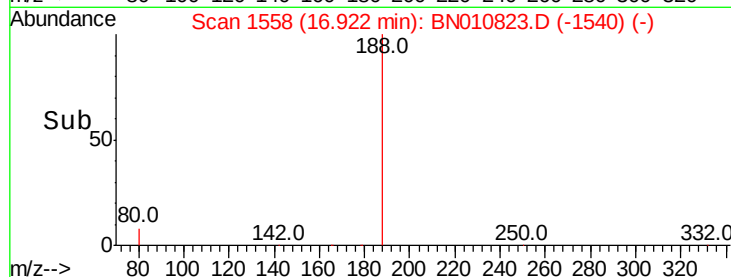
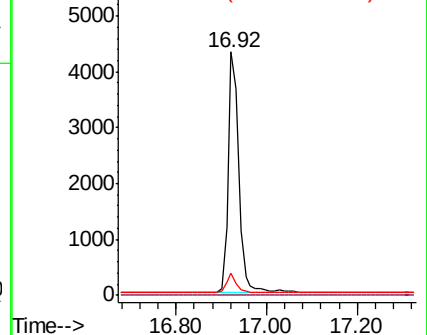
80 9.3 4.5 6.7#



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: 0.447 ng

RT: 16.14 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

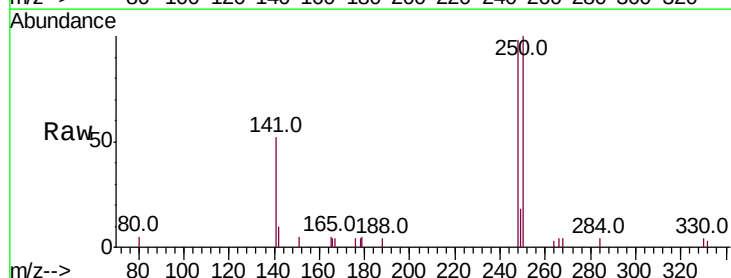
Tgt Ion:248 Resp: 1927

Ion Ratio Lower Upper

248 100

250 101.6 81.8 122.8

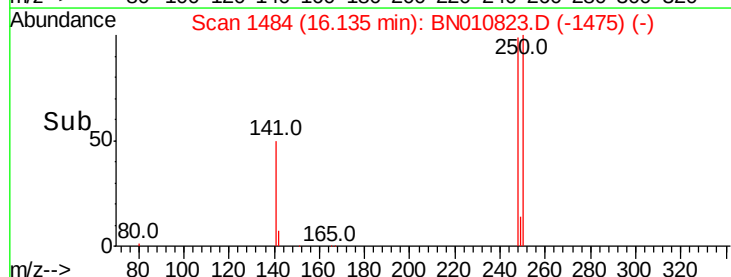
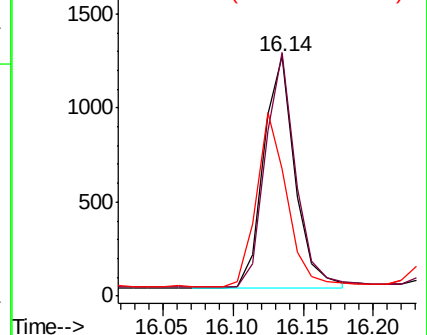
141 52.9 42.6 64.0

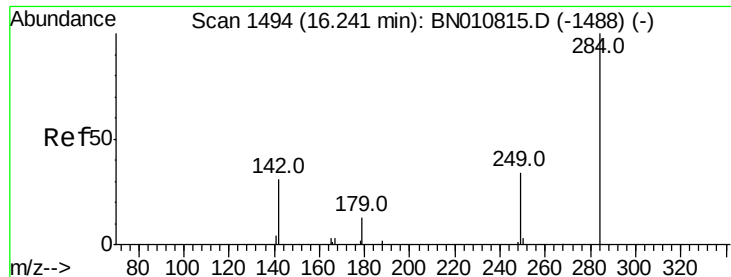


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

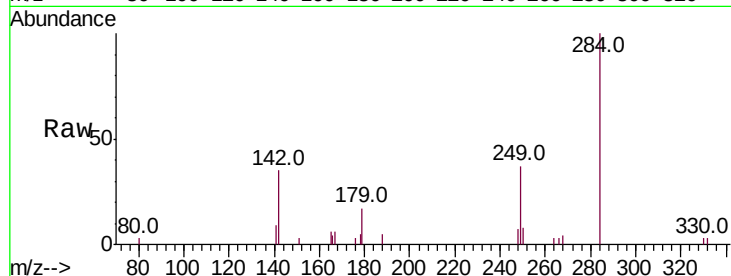




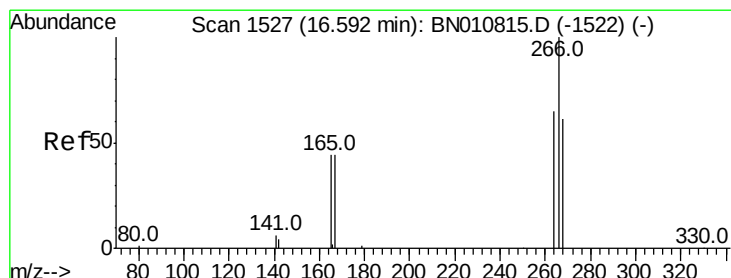
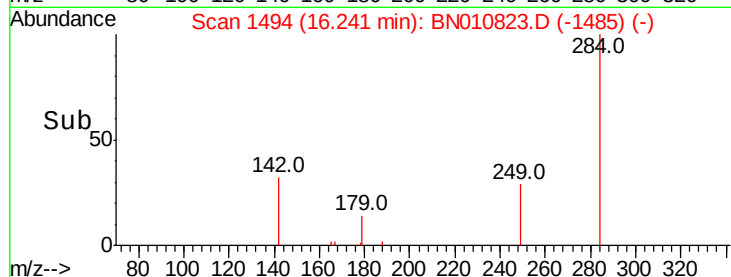
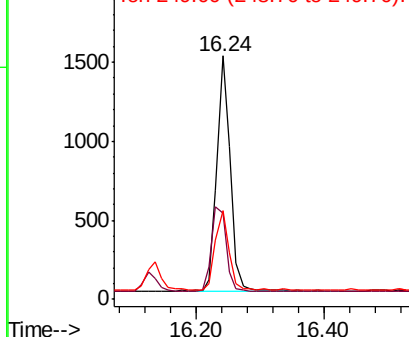
#21
Hexachlorobenzene
Concen: 0.482 ng
RT: 16.24 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 2168
Ion Ratio Lower Upper
284 100
142 39.8 31.0 46.4
249 34.4 27.1 40.7

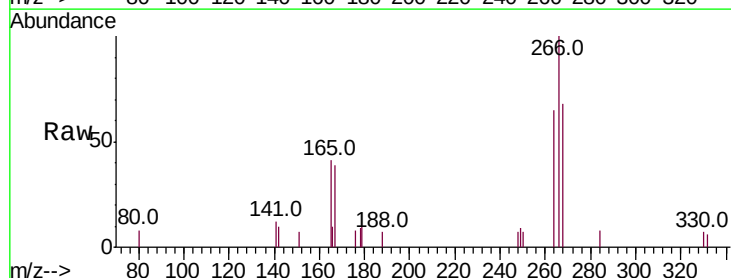


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

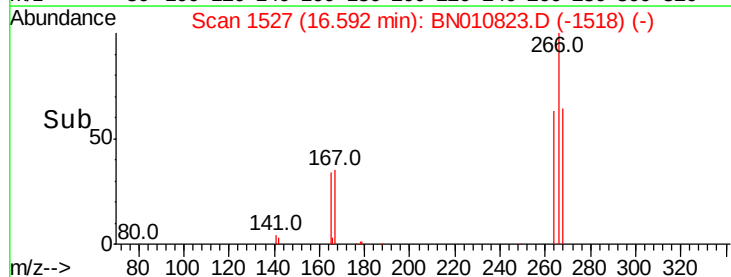
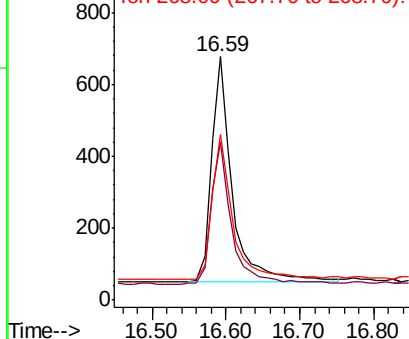


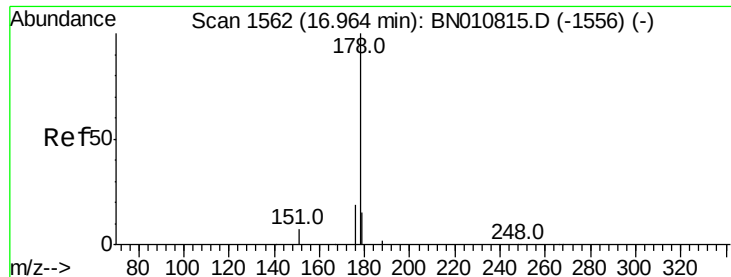
#22
Pentachlorophenol
Concen: 0.816 ng
RT: 16.59 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

Tgt Ion:266 Resp: 1231
Ion Ratio Lower Upper
266 100
264 65.0 54.8 82.2
268 68.1 55.9 83.9



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: 0.480 ng

RT: 16.96 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

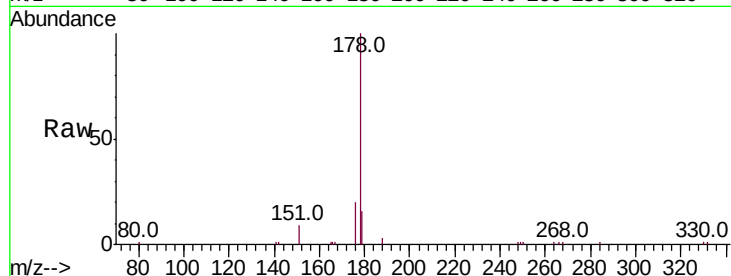
Tot Ion:178 Resp: 9394

Ion Ratio Lower Upper

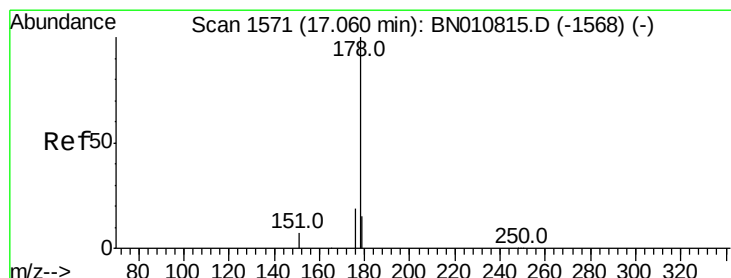
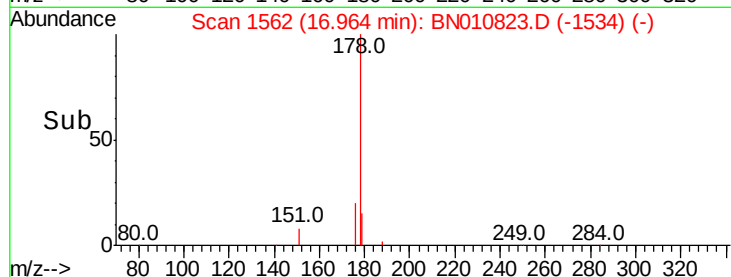
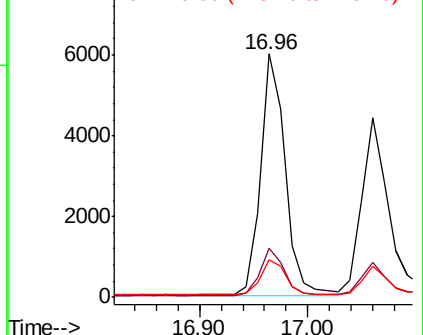
178 100

176 19.0 15.3 22.9

179 15.1 12.6 19.0



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: 0.467 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

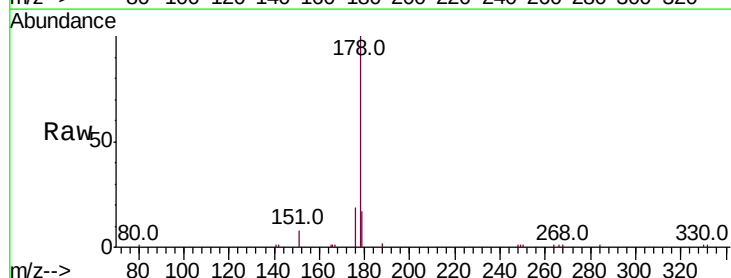
Tgt Ion:178 Resp: 7635

Ion Ratio Lower Upper

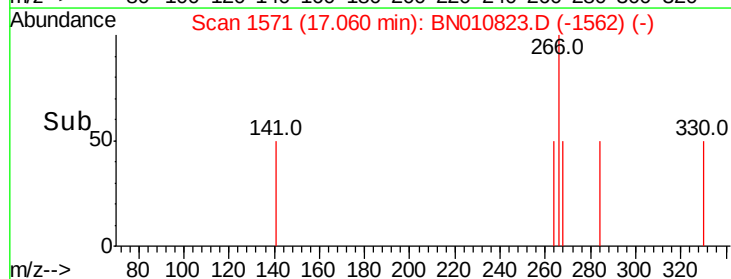
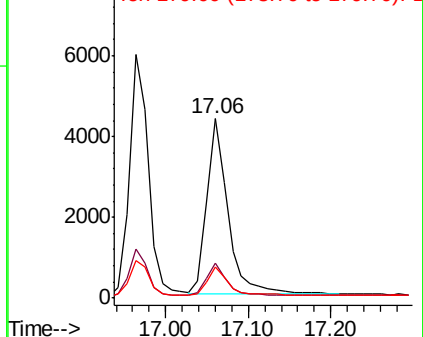
178 100

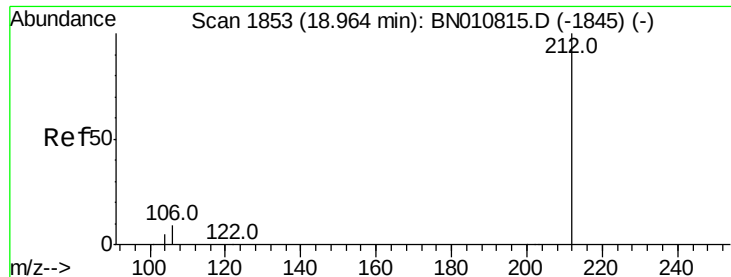
176 17.5 14.6 22.0

179 15.4 12.3 18.5



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

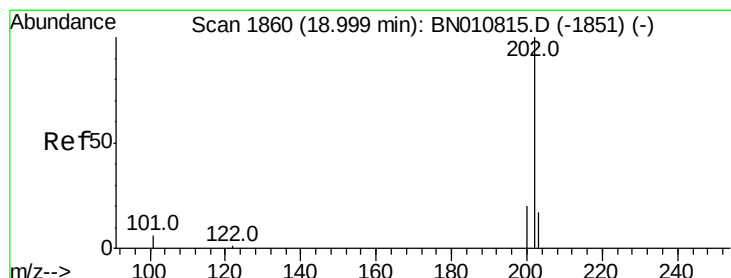
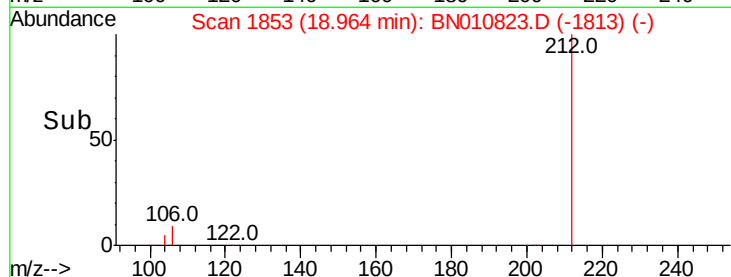
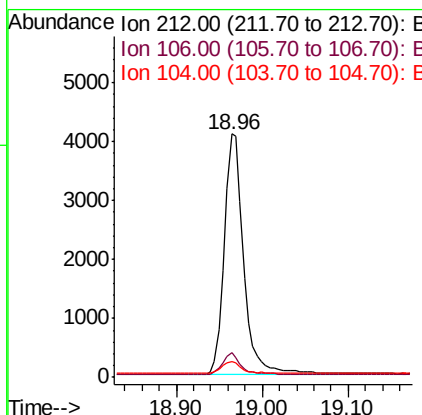
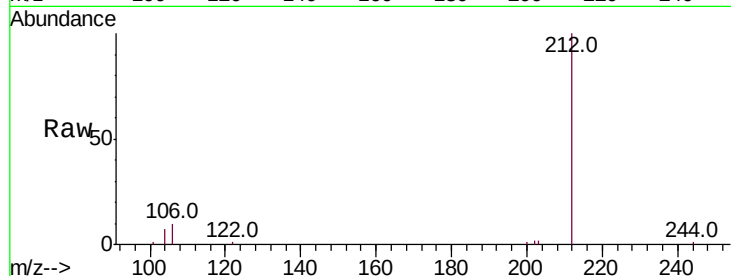




#25
Fluoranthene-d10
Concen: 0.325 ng
RT: 18.96 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

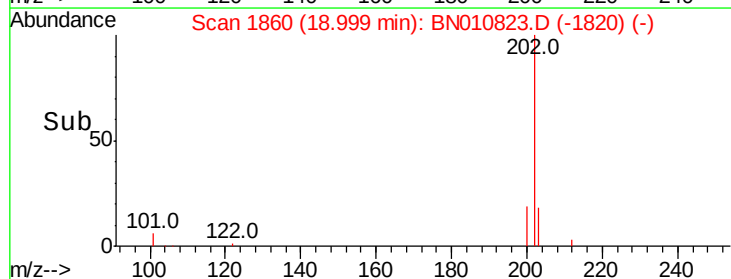
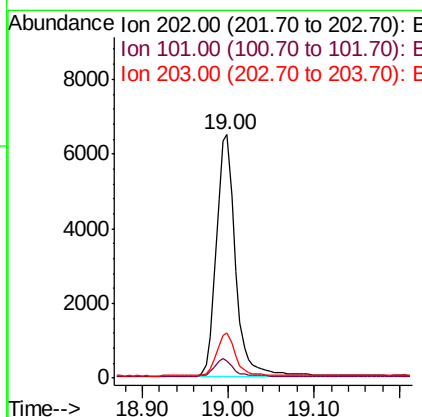
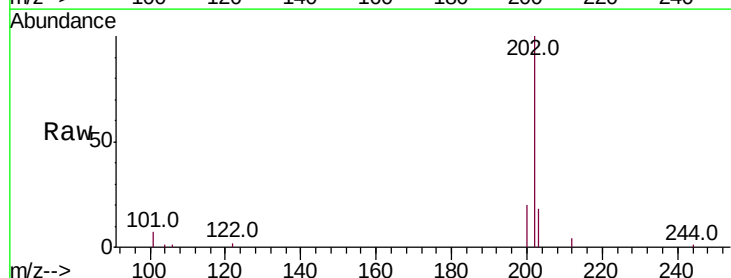
Instrument :
BNA_N
ClientSampleId :

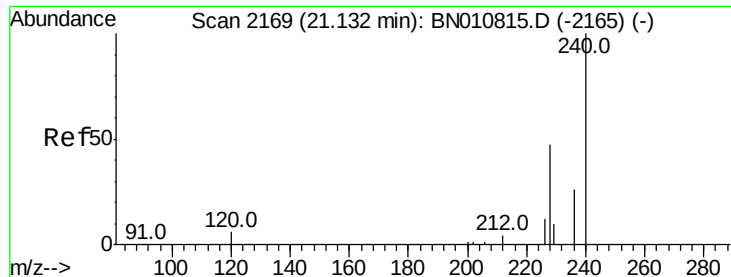
Tot Ion:212 Resp: 6434
Ion Ratio Lower Upper
212 100
106 8.4 6.6 10.0
104 5.2 4.0 6.0



#26
Fluoranthene
Concen: 0.451 ng
RT: 19.00 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

Tgt Ion:202 Resp: 10022
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.6
203 17.3 13.7 20.5

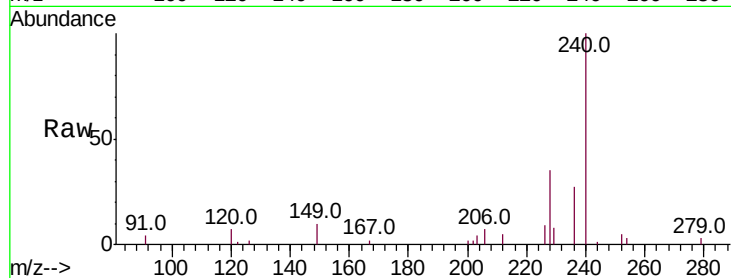




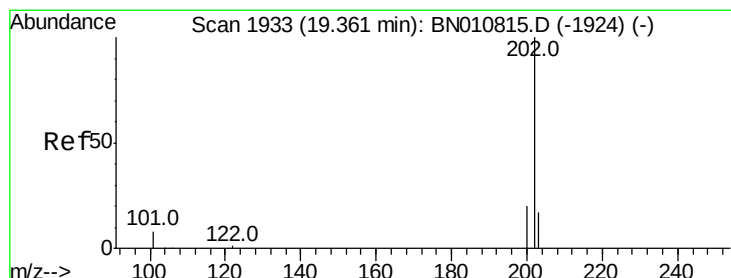
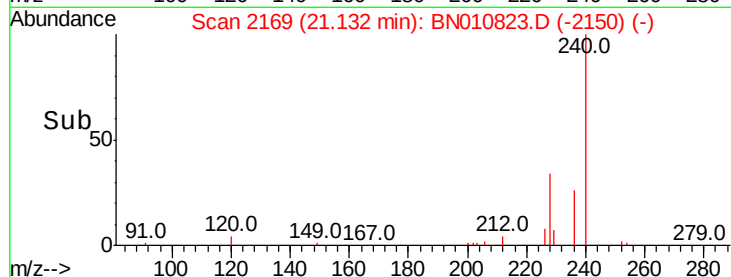
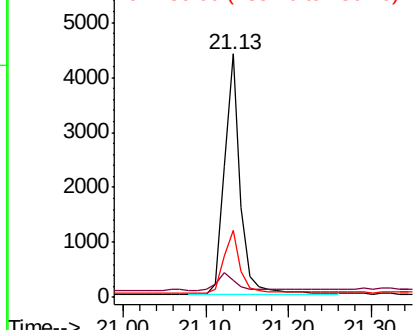
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 5983
Ion Ratio Lower Upper
240 100
120 7.2 7.5 11.3#
236 27.4 22.3 33.5

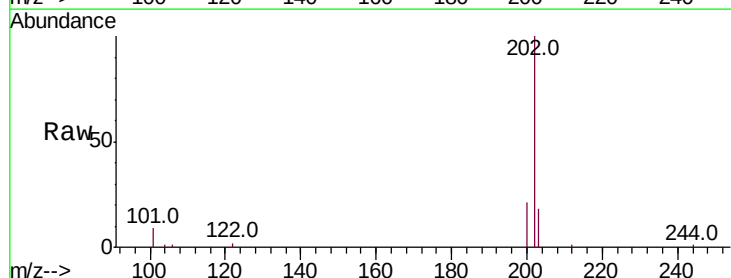


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

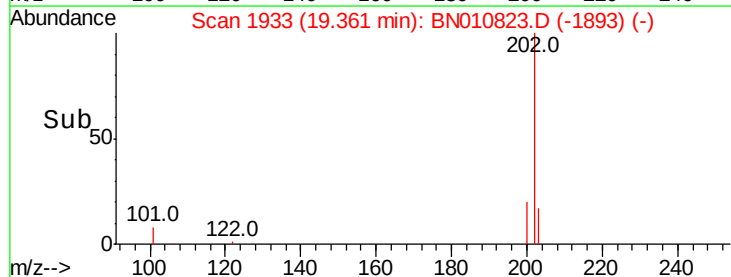
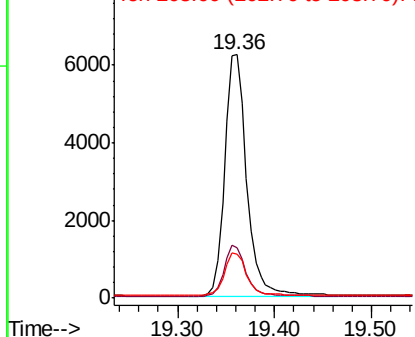


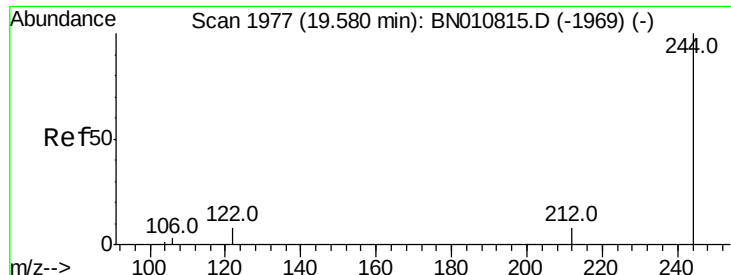
#28
Pyrene
Concen: 0.496 ng
RT: 19.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN010823.D
Acq: 10 Jun 2020 18:39

Tgt Ion:202 Resp: 9817
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 18.1 14.2 21.4



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: 0.364 ng

RT: 19.58 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

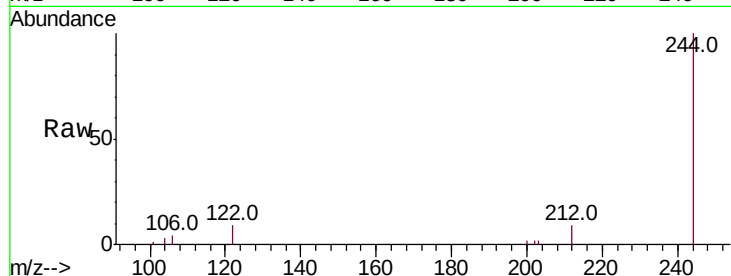
Tot Ion:244 Resp: 5093

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.2

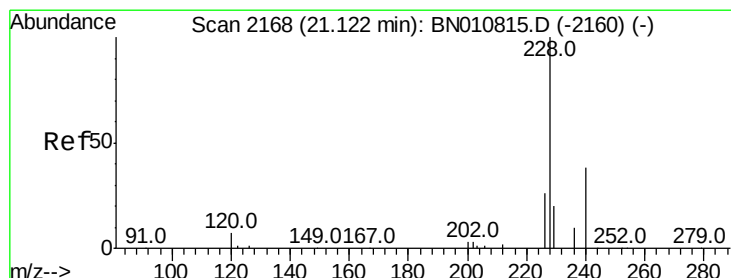
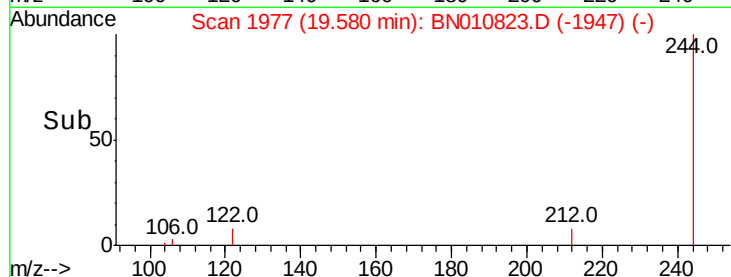
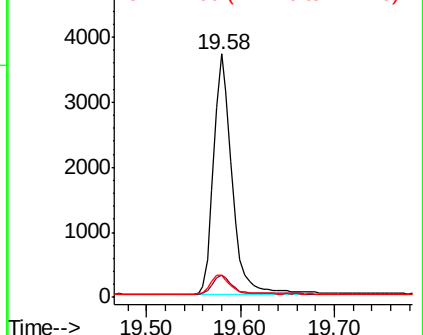
122 9.3 7.5 11.3



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: 0.480 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

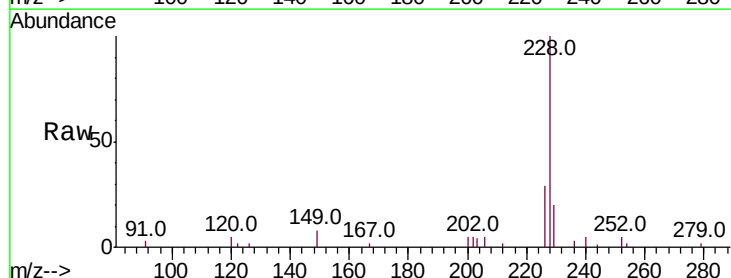
Tgt Ion:228 Resp: 8437

Ion Ratio Lower Upper

228 100

226 28.6 21.3 31.9

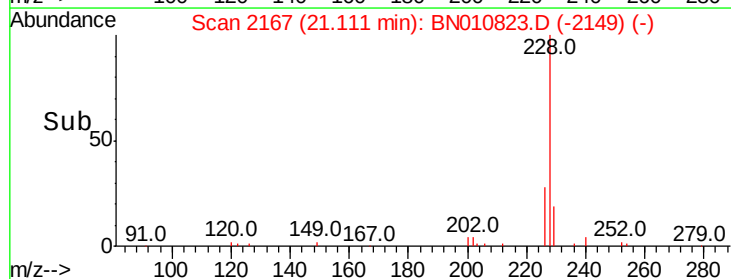
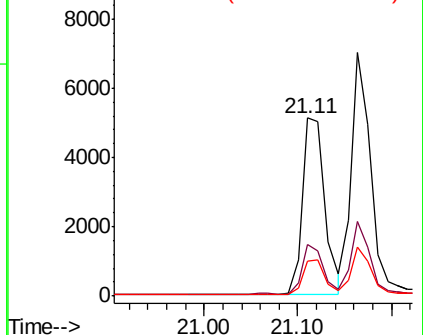
229 20.0 16.6 24.8

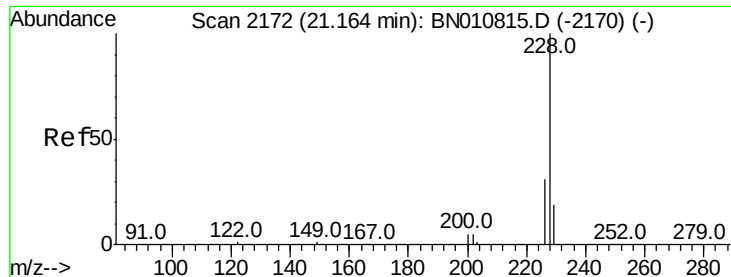


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.489 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

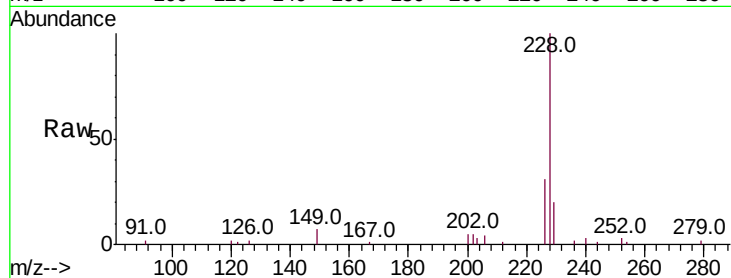
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 10028

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.1	16.1	24.1

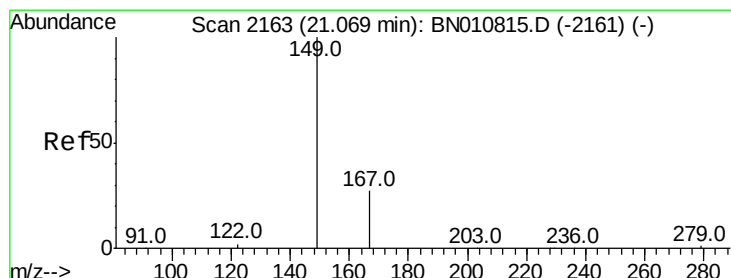
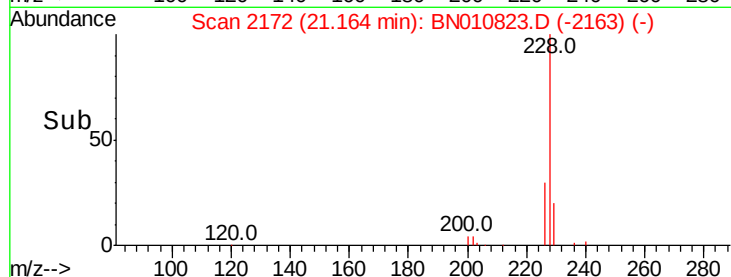
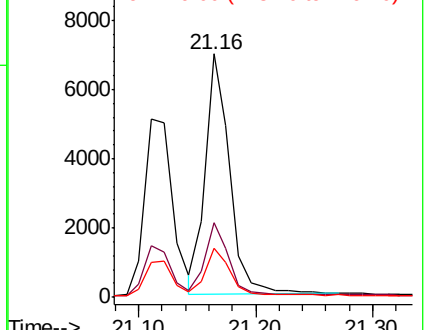


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.476 ng

RT: 21.07 min Scan# 2163

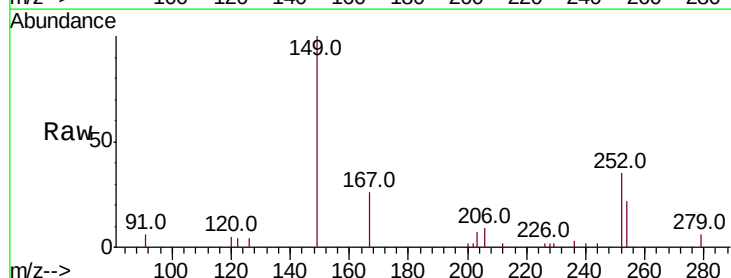
Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Tgt Ion:149 Resp: 2789

Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.1	36.1
279	5.5	4.6	7.0

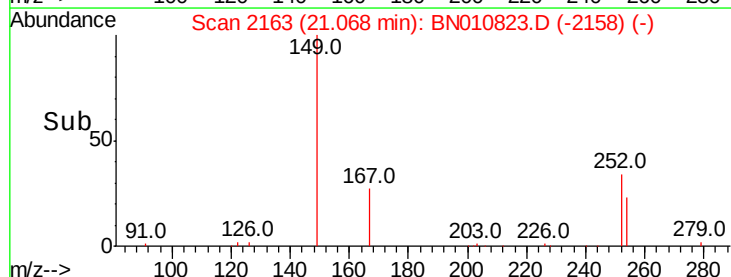
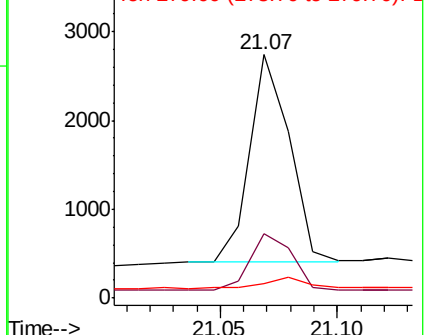


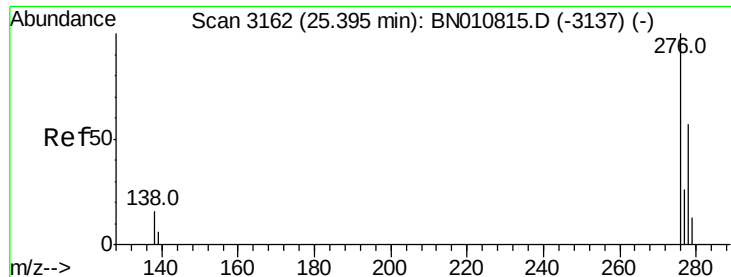
Abundance

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: 0.525 ng

RT: 25.39 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

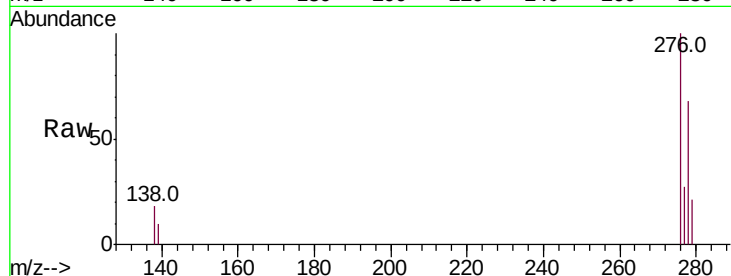
Tot Ion:276 Resp: 12034

Ion Ratio Lower Upper

276 100

138 16.9 13.0 19.6

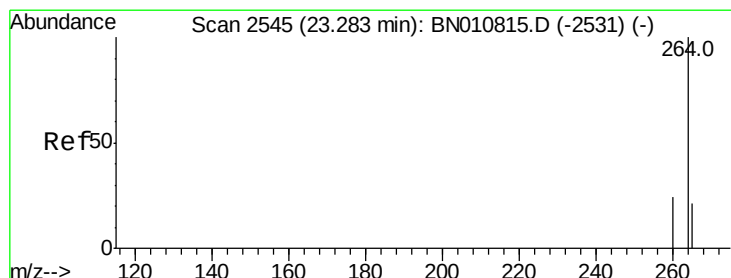
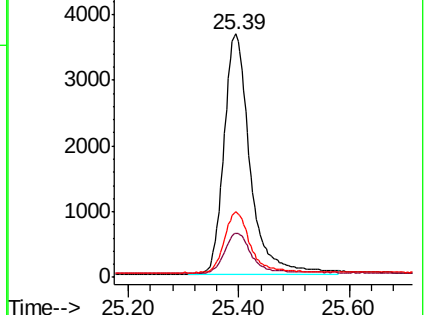
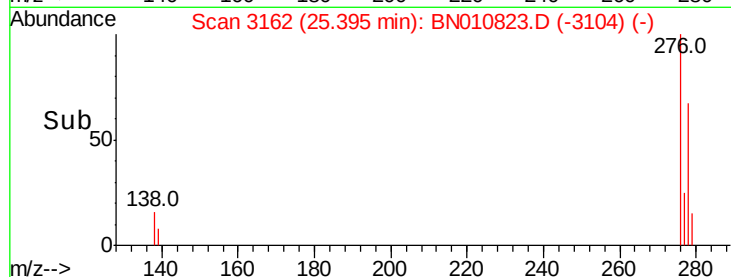
277 24.7 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

5000 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: 23.28 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

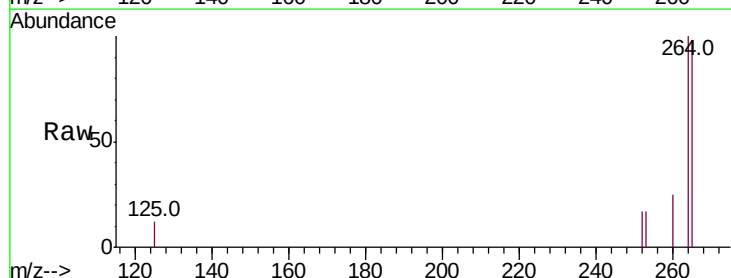
Tgt Ion:264 Resp: 5943

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

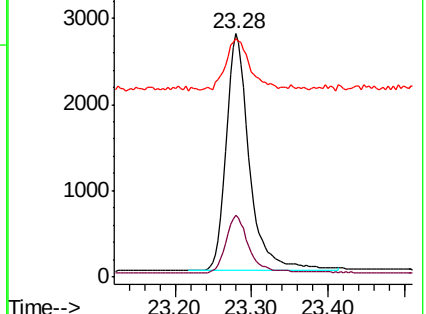
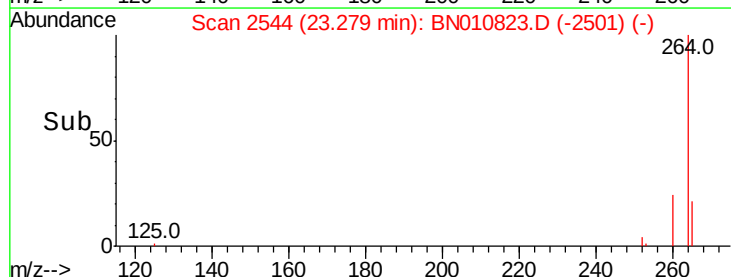
265 98.2 75.0 112.4

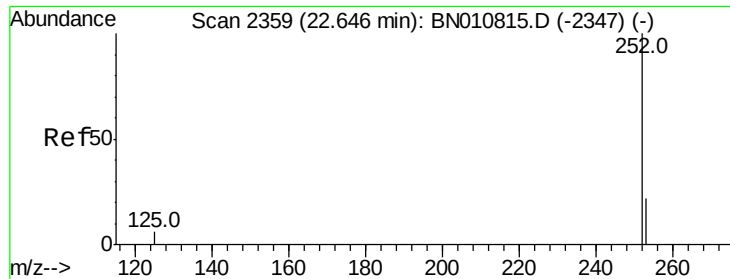


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.485 ng

RT: 22.64 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

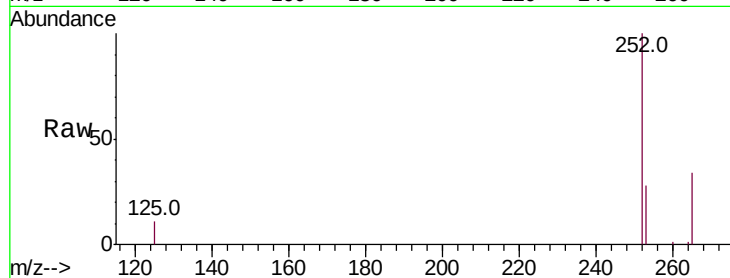
Tot Ion:252 Resp: 9794

Ion Ratio Lower Upper

252 100

253 27.7 22.4 33.6

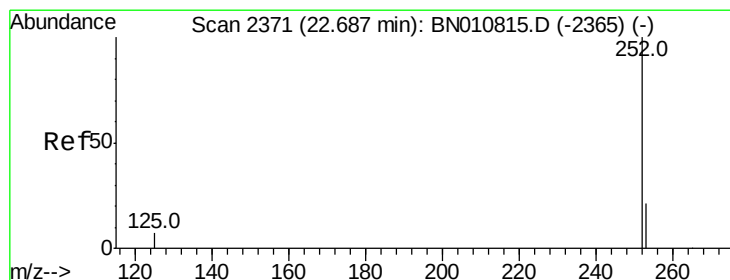
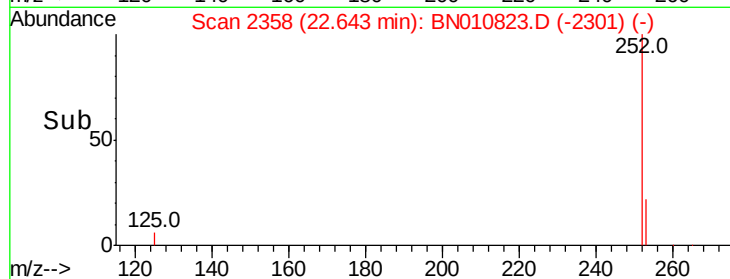
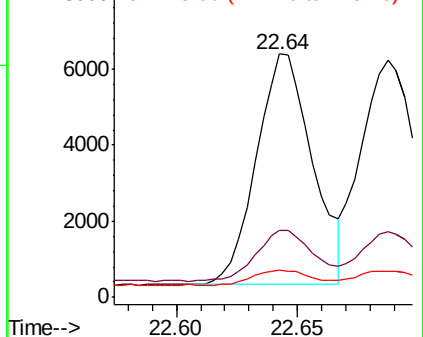
125 11.3 9.4 14.0



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: 0.481 ng

RT: 22.69 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

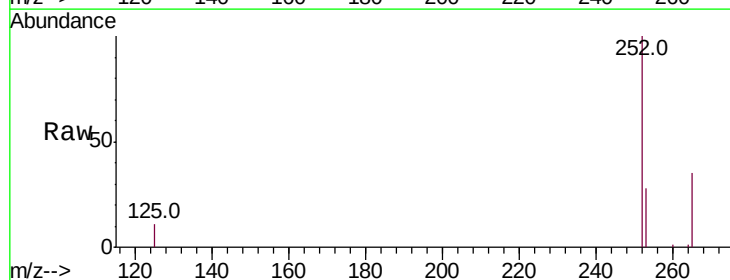
Tgt Ion:252 Resp: 10345

Ion Ratio Lower Upper

252 100

253 27.9 22.2 33.4

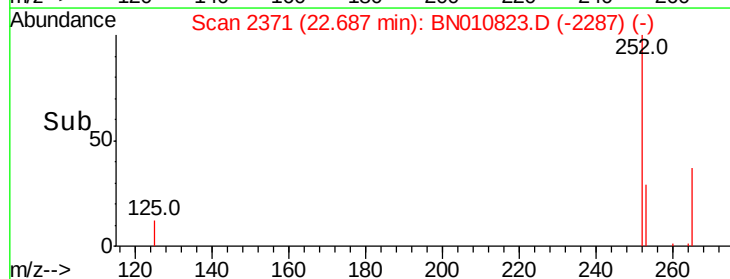
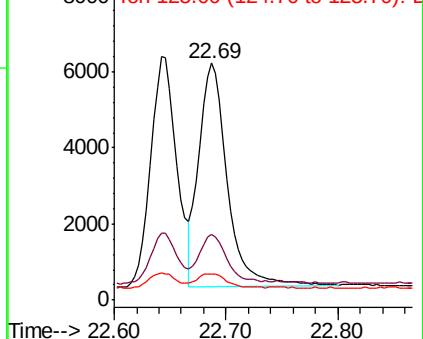
125 11.2 9.8 14.8

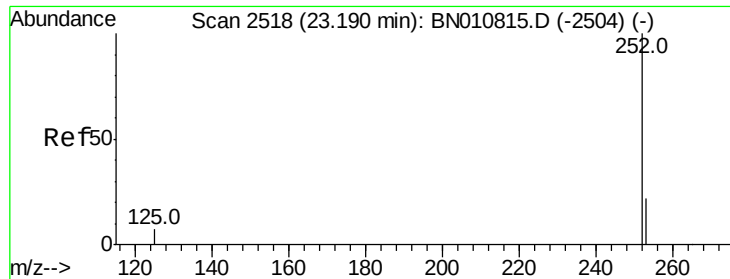


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.502 ng

RT: 23.19 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

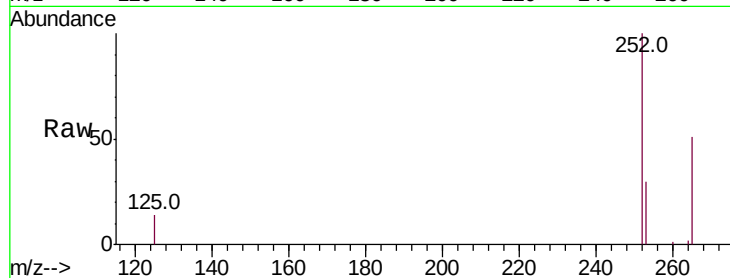
Tot Ion:252 Resp: 8702

Ion Ratio Lower Upper

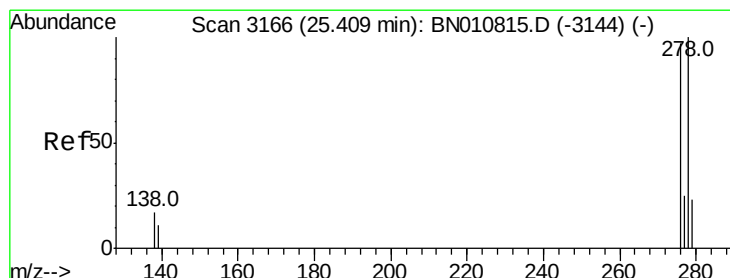
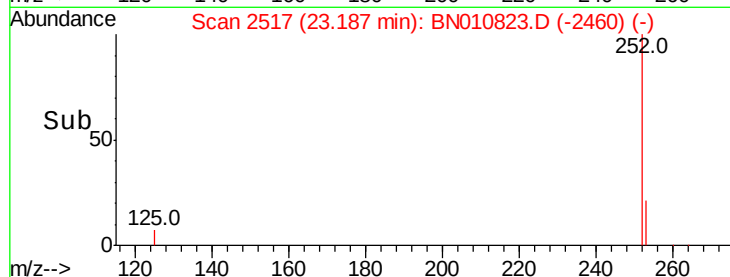
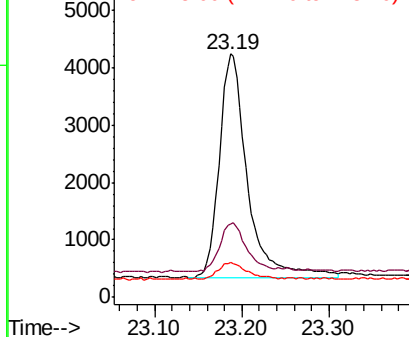
252 100

253 30.4 25.8 38.8

125 14.4 12.4 18.6



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: 0.503 ng

RT: 25.41 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

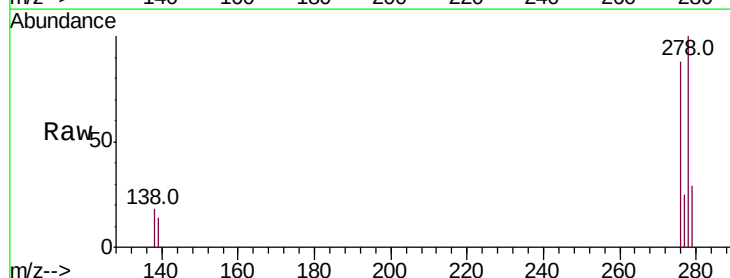
Tgt Ion:278 Resp: 9939

Ion Ratio Lower Upper

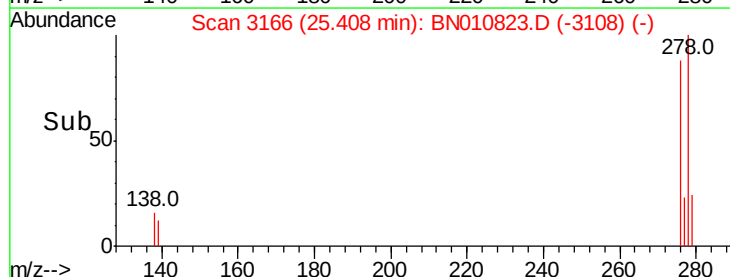
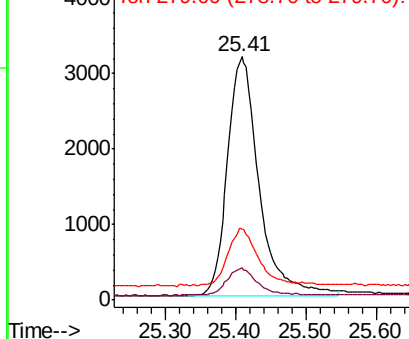
278 100

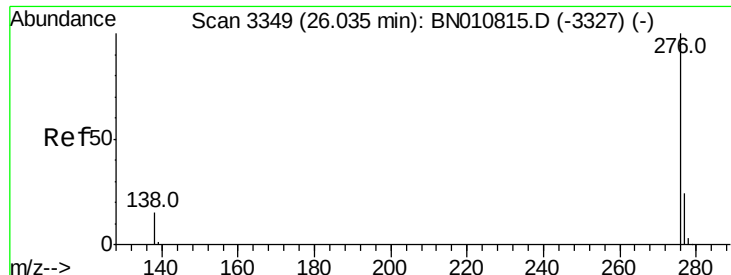
139 13.5 10.6 15.8

279 29.2 23.6 35.4



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: 0.534 ng

RT: 26.03 min Scan# 3347

Delta R.T. -0.01 min

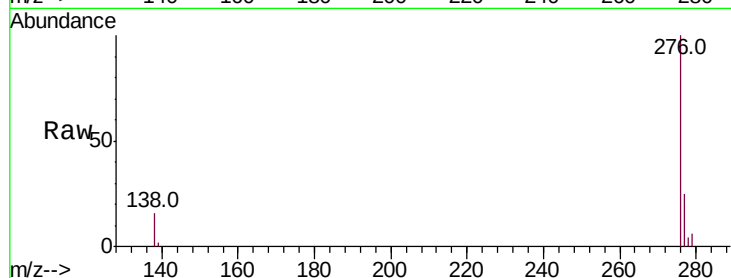
Lab File: BN010823.D

Acq: 10 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 11025

Ion Ratio Lower Upper

276 100

277 25.0 20.5 30.7

138 16.0 13.7 20.5

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

