

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010193.D
 Acq On : 11 Mar 2020 15:41
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 07:15:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 17:37:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	931	0.40	ng	0.02
7) Naphthalene-d8	10.14	136	2248	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	1462	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	3245	0.40	ng	0.01
27) Chrysene-d12	21.00	240	3050	0.40	ng	0.01
34) Perylene-d12	23.10	264	3222	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	621	0.30	ng	0.02
5) Phenol-d6	6.68	99	931	0.37	ng	0.07
8) Nitrobenzene-d5	8.61	82	711	0.38	ng	0.05
11) 2-Methylnaphthalene-d10	11.75	152	1837	0.42	ng	0.02
14) 2,4,6-Tribromophenol	15.56	330	207	0.37	ng	0.02
15) 2-Fluorobiphenyl	12.65	172	2056	0.37	ng	0.02
25) Fluoranthene-d10	18.83	212	4147	0.37	ng	0.00
29) Terphenyl-d14	19.44	244	2697	0.37	ng	0.01

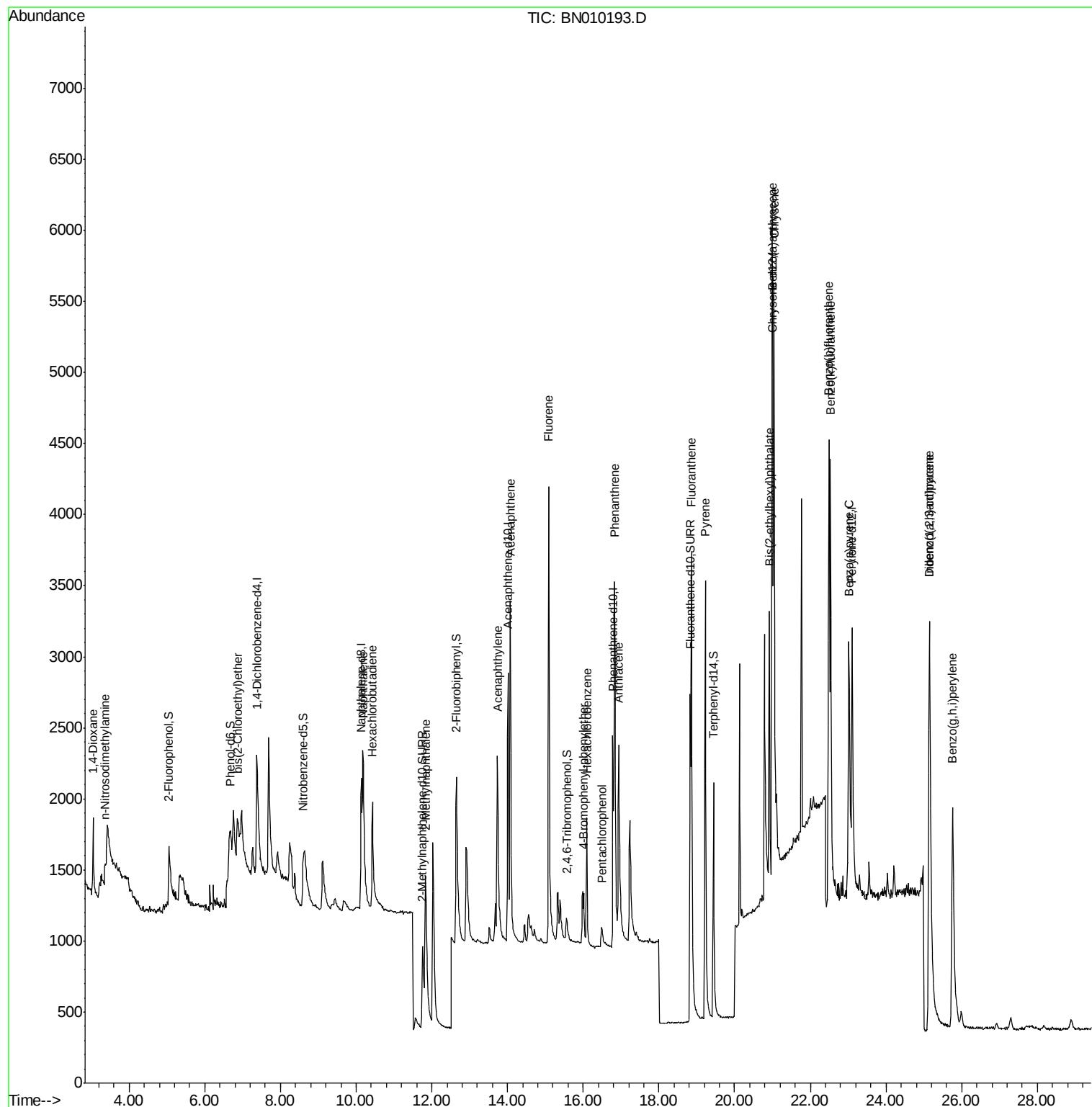
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.05	88	291	0.305	ng	90
3) n-Nitrosodimethylamine	3.36	42	43	0.027	ng	# 1
6) bis(2-Chloroethyl)ether	6.87	93	798	0.326	ng	# 70
9) Naphthalene	10.19	128	2486	0.405	ng	# 93
10) Hexachlorobutadiene	10.43	225	591	0.438	ng	# 98
12) 2-Methylnaphthalene	11.83	142	1743	0.415	ng	96
16) Acenaphthylene	13.73	152	2369	0.380	ng	98
17) Acenaphthene	14.08	154	1781	0.406	ng	97
18) Fluorene	15.08	166	2134	0.369	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	439	0.120	ng	93
21) Hexachlorobenzene	16.09	284	800	0.396	ng	98
22) Pentachlorophenol	16.49	266	165	0.422	ng	94
23) Phenanthrene	16.83	178	3697	0.383	ng	99
24) Anthracene	16.94	178	3028	0.371	ng	99
26) Fluoranthene	18.85	202	4206	0.364	ng	99
28) Pyrene	19.22	202	4310	0.372	ng	99
30) Benzo(a)anthracene	20.99	228	3661	0.362	ng	99
31) Chrysene	21.04	228	4888	0.417	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	1918	0.388	ng	98
33) Indeno(1,2,3-cd)pyrene	25.14	276	4992	0.409	ng	96
35) Benzo(b)fluoranthene	22.49	252	4415	0.375	ng	# 97
36) Benzo(k)fluoranthene	22.53	252	5492	0.428	ng	98
37) Benzo(a)pyrene	23.02	252	4088	0.380	ng	# 93
38) Dibenzo(a,h)anthracene	25.15	278	3780	0.357	ng	96
39) Benzo(g,h,i)perylene	25.76	276	4529	0.402	ng	98

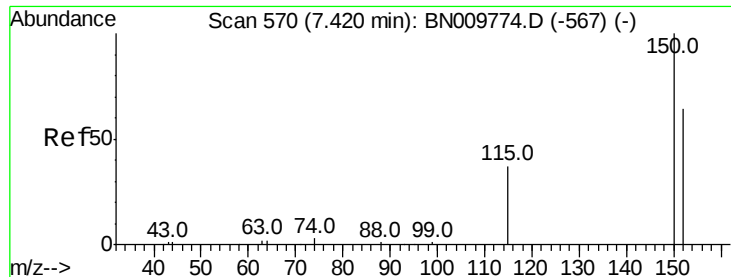
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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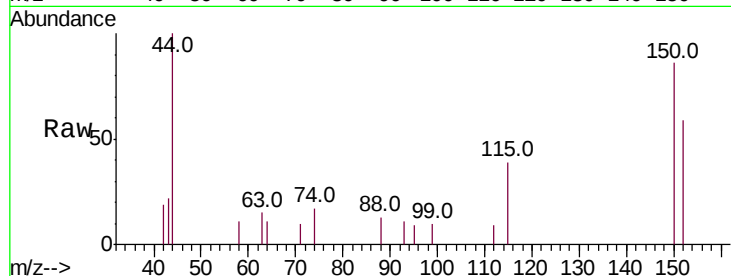


#1

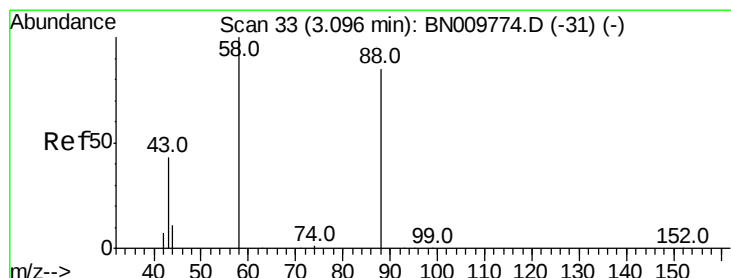
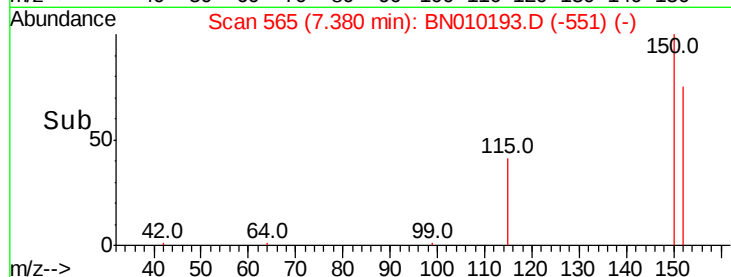
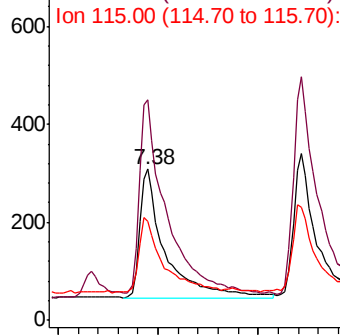
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 931
Ion Ratio Lower Upper
152 100
150 145.6 120.6 181.0
115 65.7 51.2 76.8



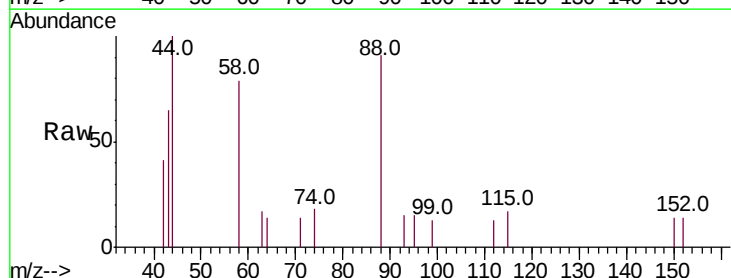
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



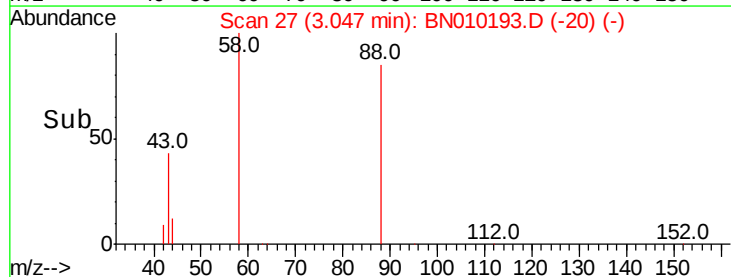
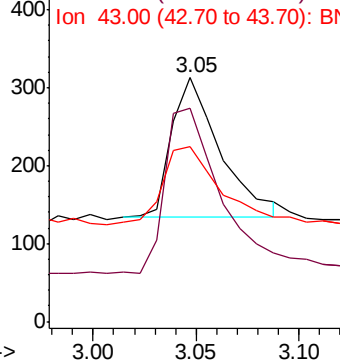
#2

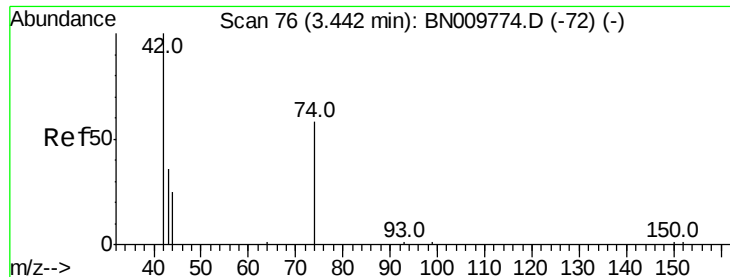
1,4-Dioxane
Concen: 0.305 ng
RT: 3.05 min Scan# 27
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion: 88 Resp: 291
Ion Ratio Lower Upper
88 100
58 135.7 97.8 146.8
43 61.2 45.1 67.7



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





#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.36 min Scan# 66

Delta R.T. -0.02 min

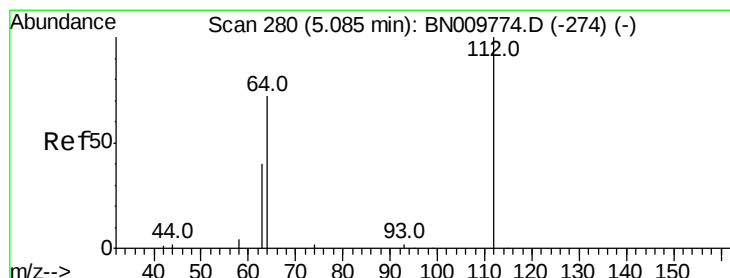
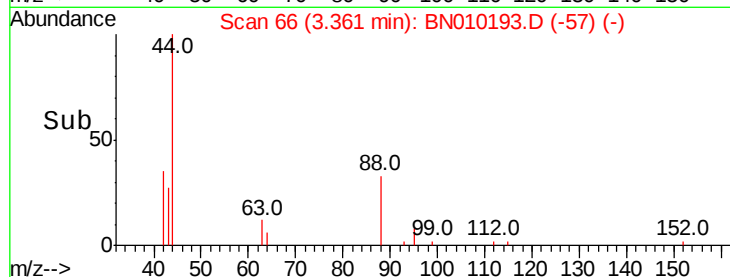
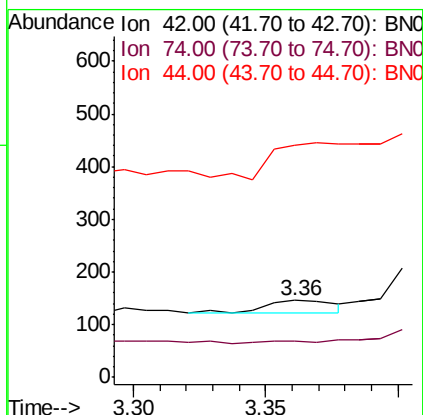
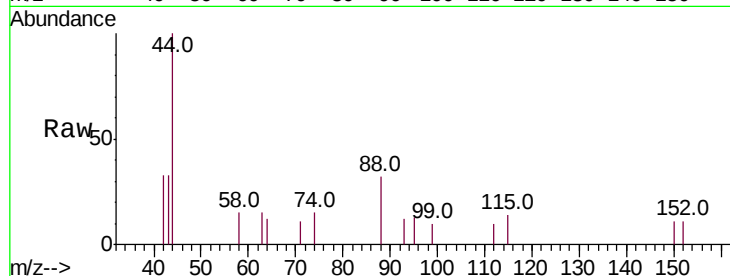
Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 43

Ion	Ratio	Lower	Upper
42	100		
74	0.0	51.2	76.8#
44	272.1	2.6	4.0#



#4

2-Fluorophenol

Concen: 0.300 ng

RT: 5.06 min Scan# 277

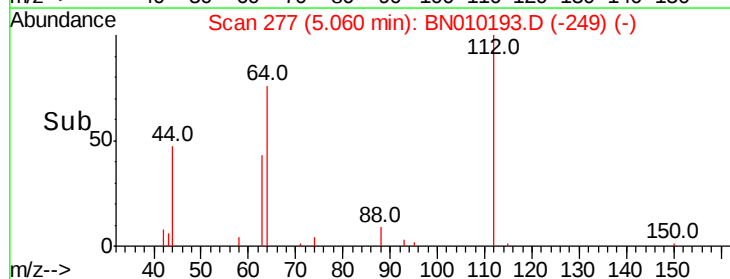
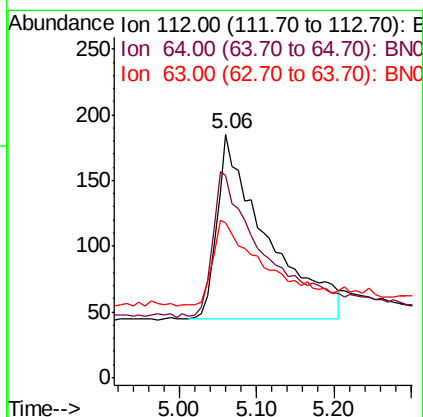
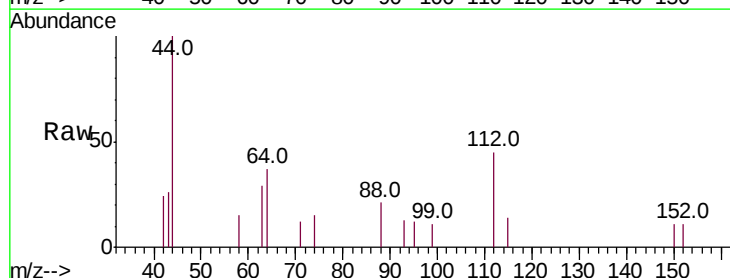
Delta R.T. 0.02 min

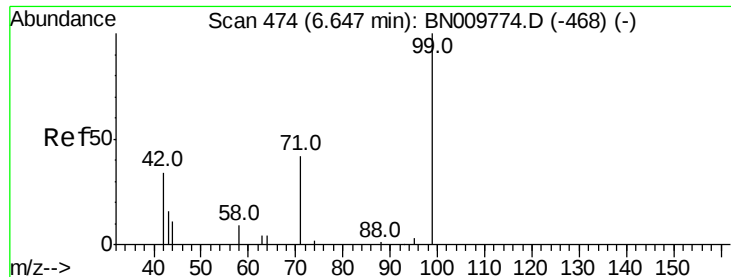
Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Tgt Ion: 112 Resp: 621

Ion	Ratio	Lower	Upper
112	100		
64	84.7	65.8	98.6
63	48.8	38.7	58.1





#5

Phenol-d6

Concen: 0.370 ng

RT: 6.68 min Scan# 478

Delta R.T. 0.07 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampled :

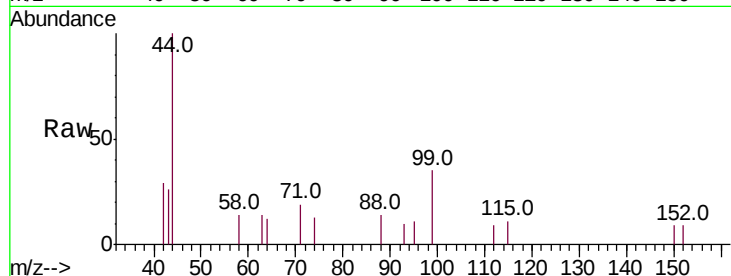
Tot Ion: 99 Resp: 931

Ion Ratio Lower Upper

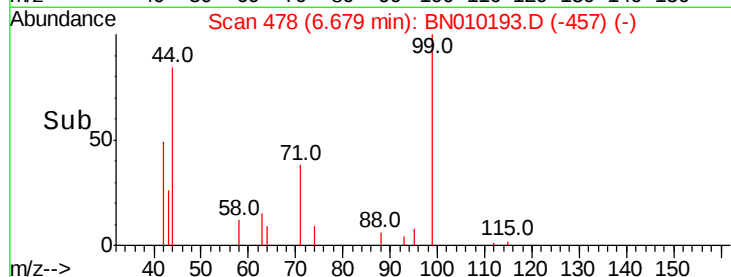
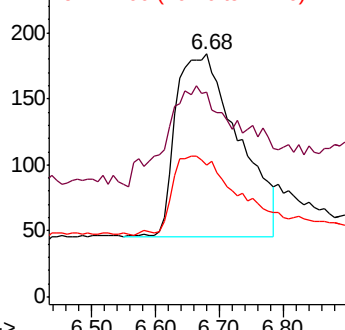
99 100

42 0.0 30.8 46.2#

71 0.0 34.9 52.3#



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.326 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.04 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

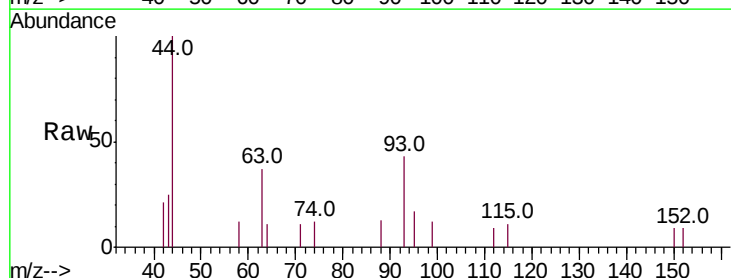
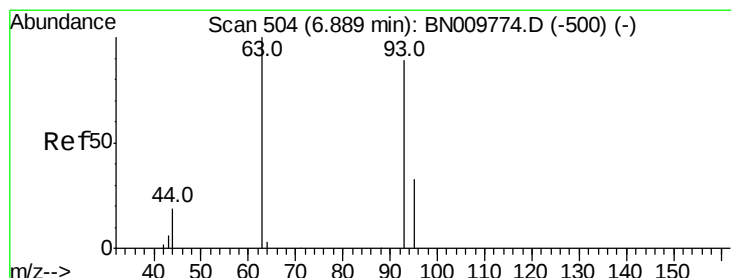
Tgt Ion: 93 Resp: 798

Ion Ratio Lower Upper

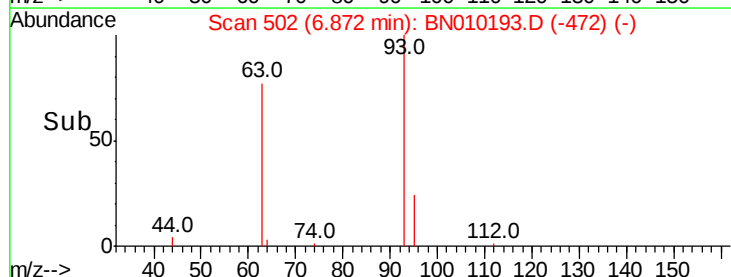
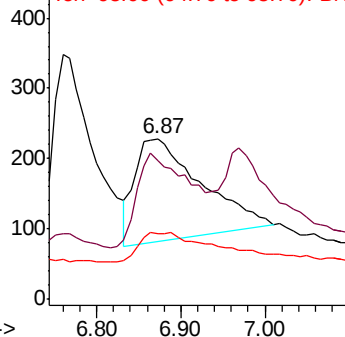
93 100

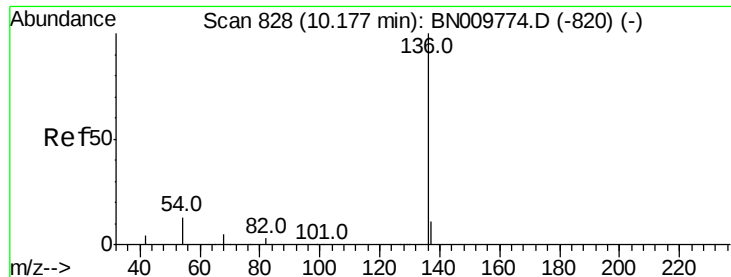
63 73.3 74.0 111.0#

95 0.0 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. 0.03 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 2248

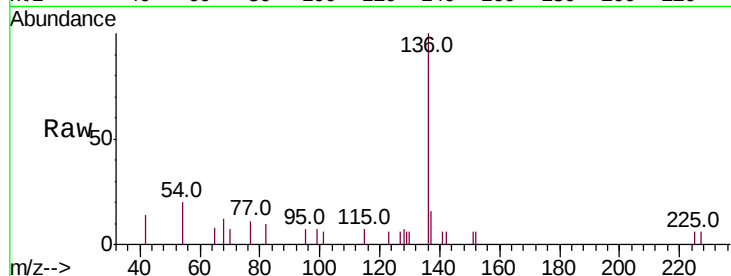
Ion Ratio Lower Upper

136 100

137 15.7 11.3 16.9

54 19.7 13.4 20.2

68 11.6 7.0 10.4#

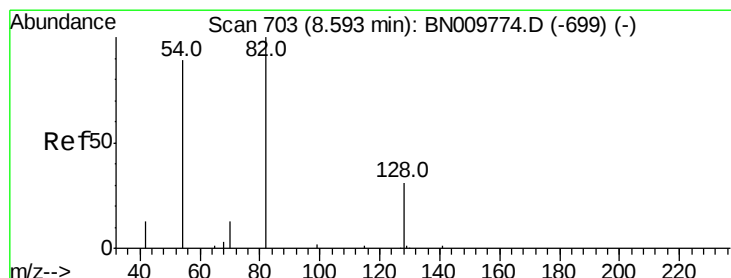
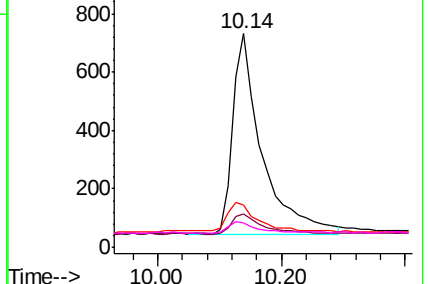
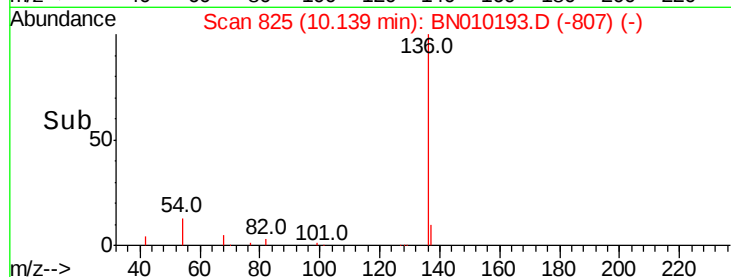


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.380 ng

RT: 8.61 min Scan# 704

Delta R.T. 0.05 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

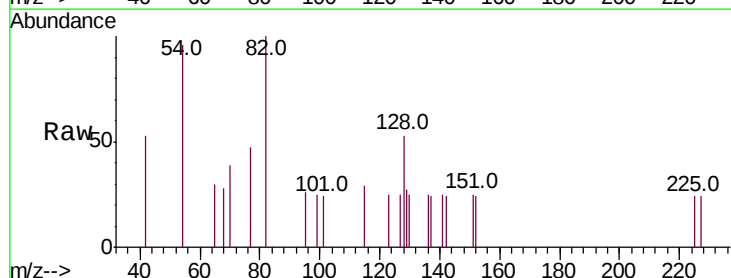
Tgt Ion: 82 Resp: 711

Ion Ratio Lower Upper

82 100

128 52.9 32.5 48.7#

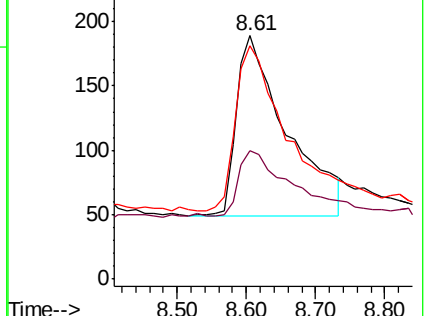
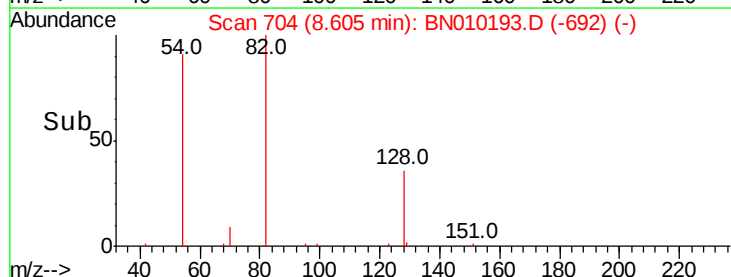
54 95.8 73.5 110.3

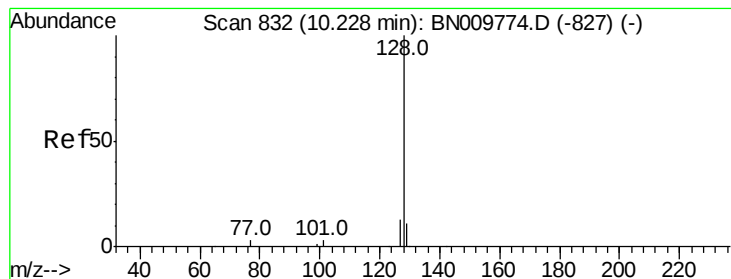


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.405 ng

RT: 10.19 min Scan# 829

Delta R.T. 0.03 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

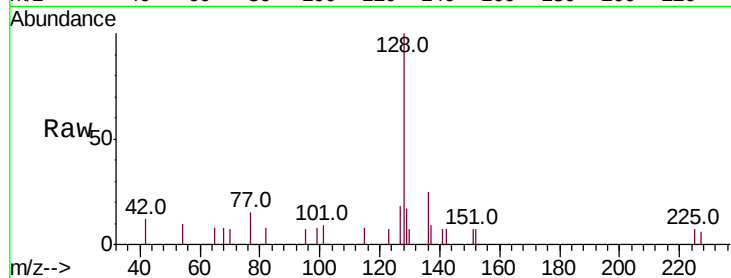
Tot Ion:128 Resp: 2486

Ion Ratio Lower Upper

128 100

129 16.8 11.1 16.7#

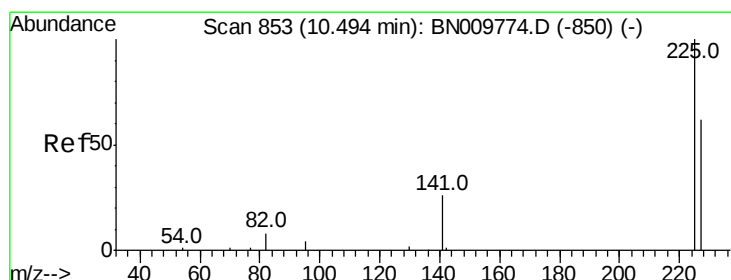
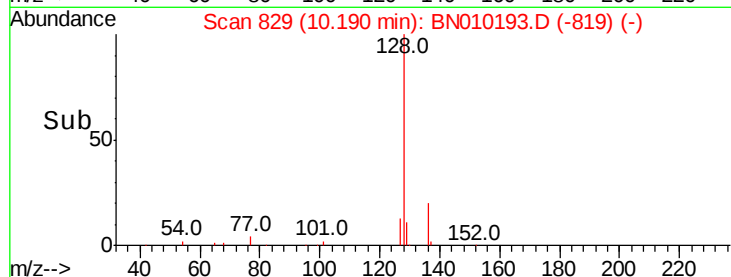
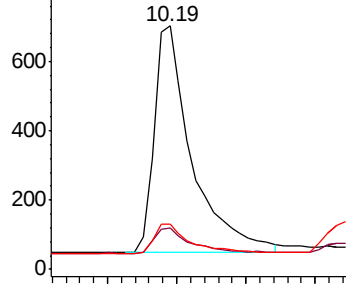
127 18.3 12.6 19.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.438 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

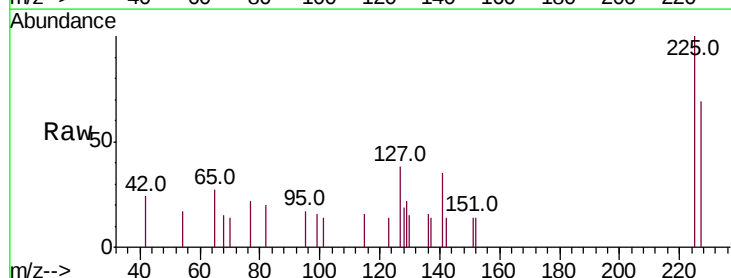
Tgt Ion:225 Resp: 591

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

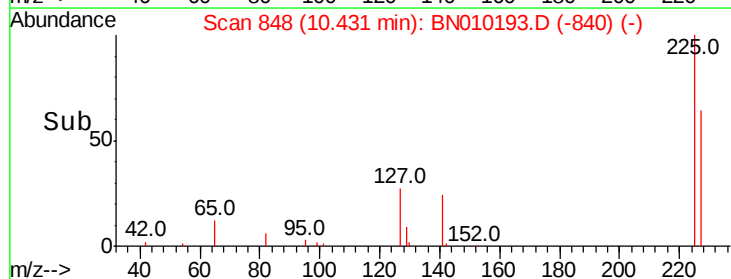
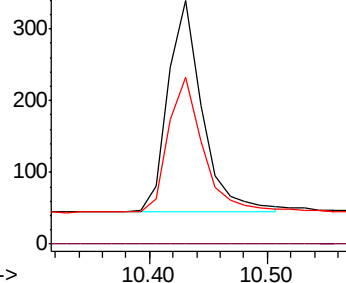
227 64.8 53.4 80.2

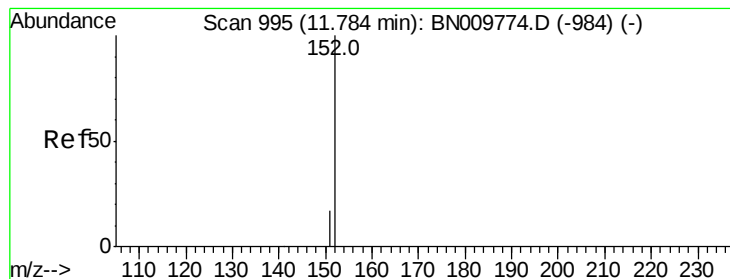


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.422 ng

RT: 11.75 min Scan# 988

Delta R.T. 0.02 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

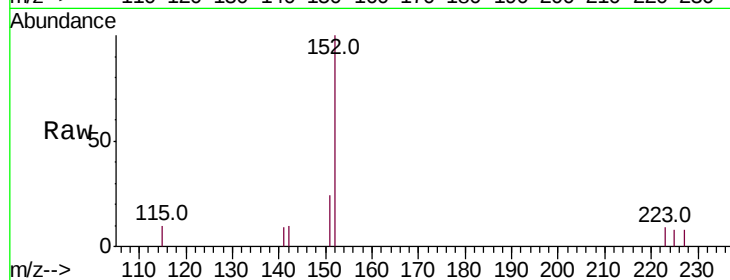
ClientSampleId :

Tot Ion:152 Resp: 1837

Ion Ratio Lower Upper

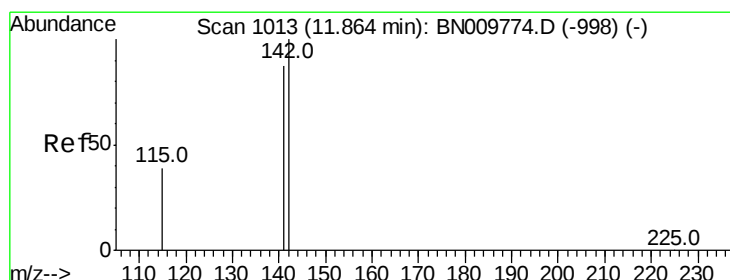
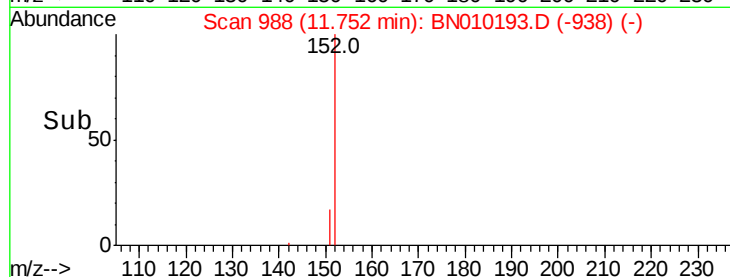
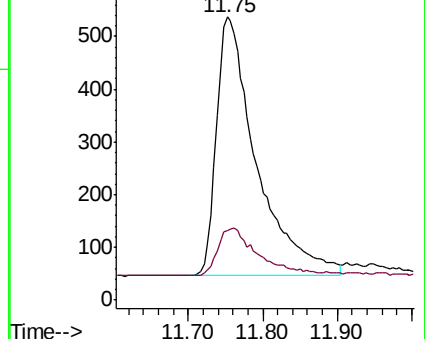
152 100

151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.415 ng

RT: 11.83 min Scan# 1006

Delta R.T. 0.03 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

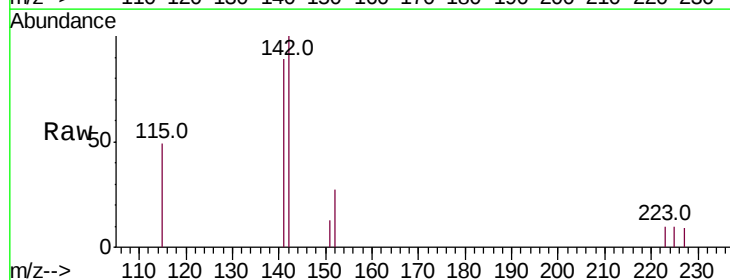
Tgt Ion:142 Resp: 1743

Ion Ratio Lower Upper

142 100

141 89.3 69.8 104.6

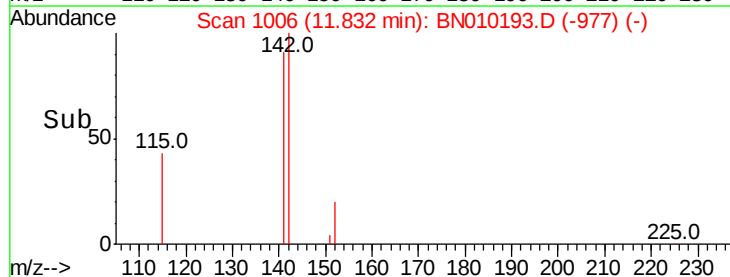
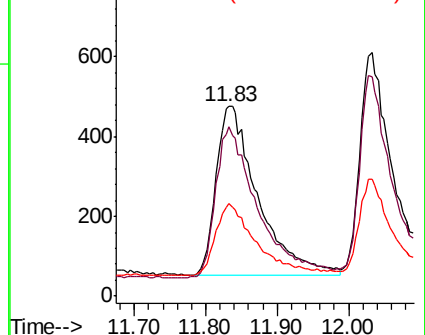
115 48.9 34.6 52.0

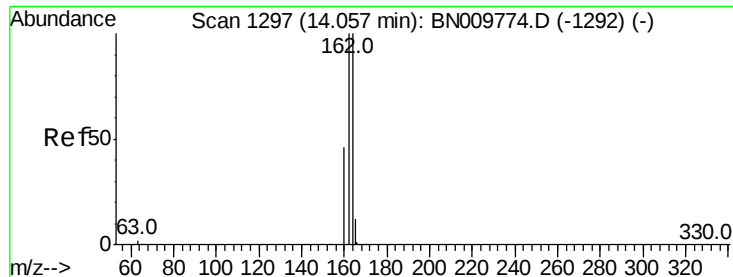


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

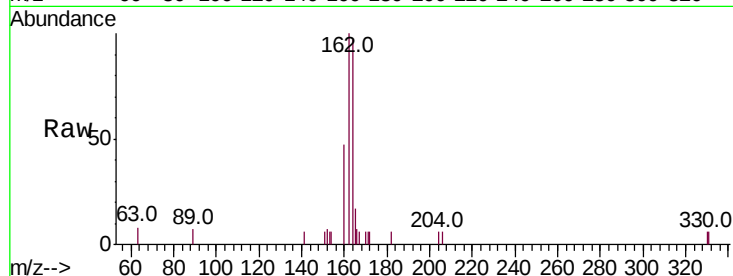
Tot Ion:164 Resp: 1462

Ion Ratio Lower Upper

164 100

162 103.5 79.9 119.9

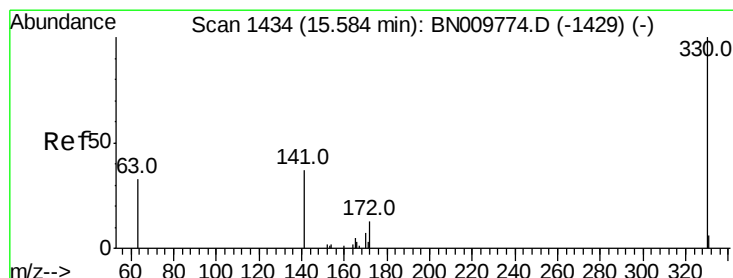
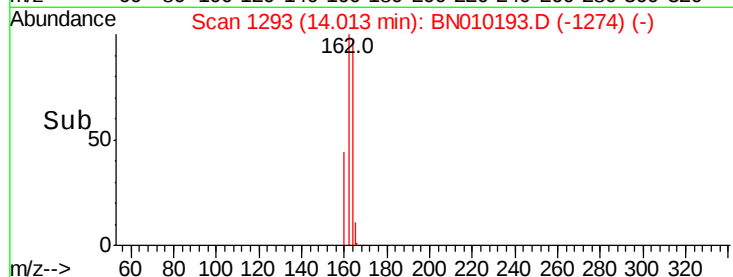
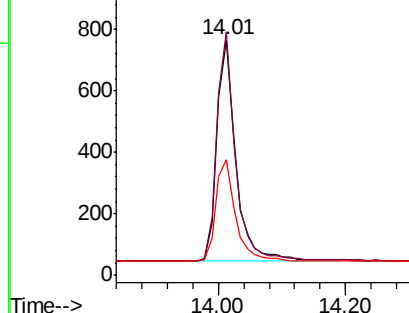
160 49.0 38.2 57.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.368 ng

RT: 15.56 min Scan# 1432

Delta R.T. 0.02 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

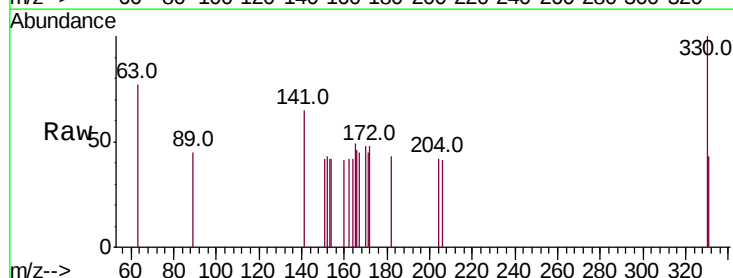
Tgt Ion:330 Resp: 207

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

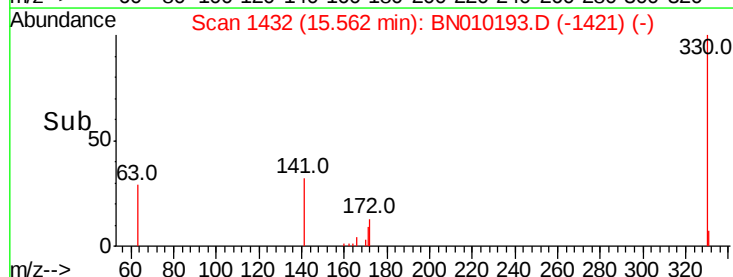
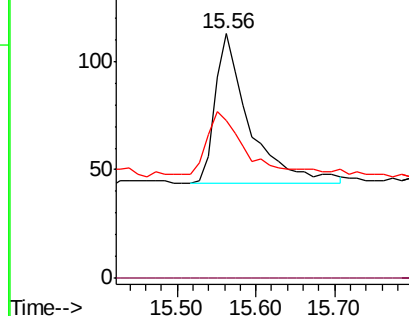
141 44.9 36.8 55.2

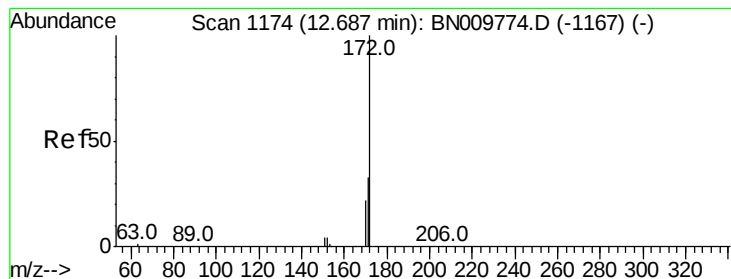


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

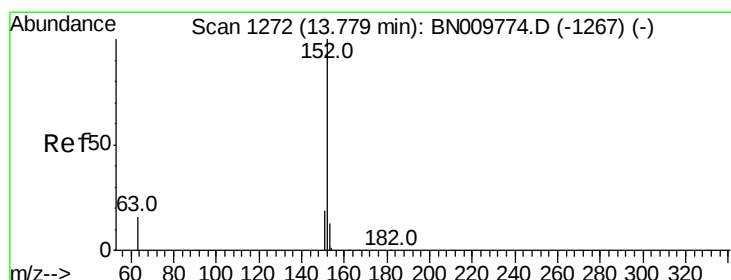
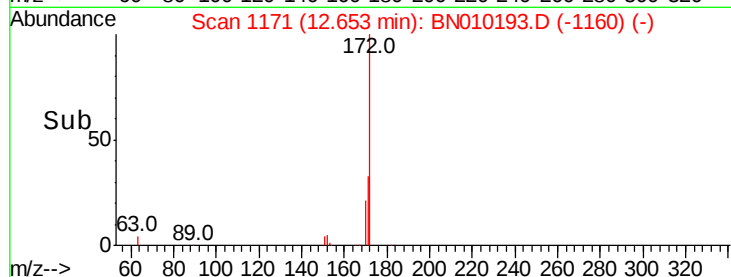
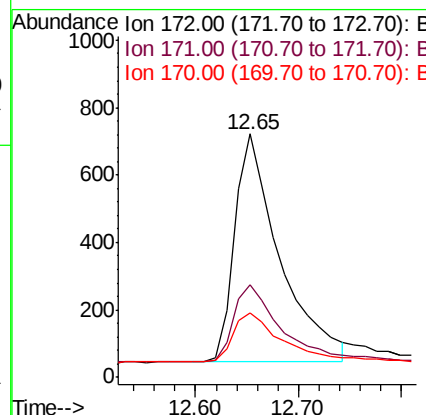
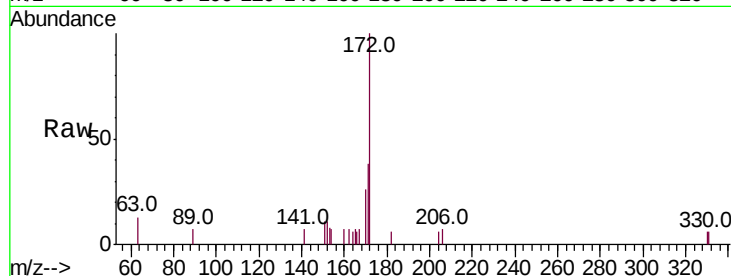




#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.65 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

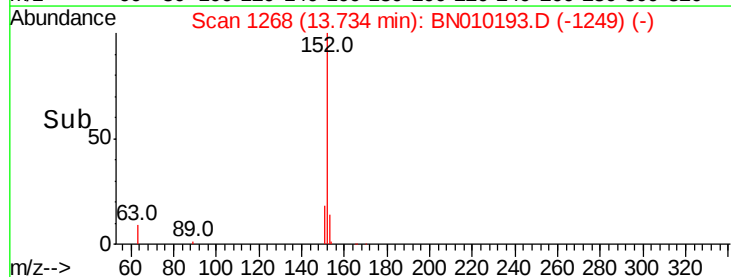
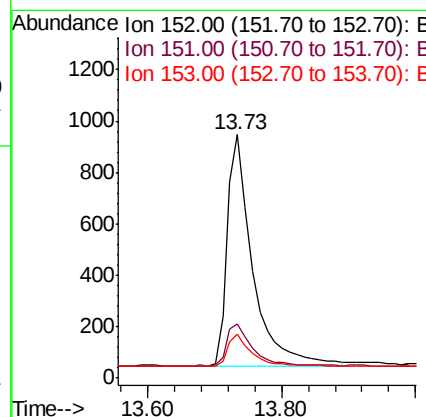
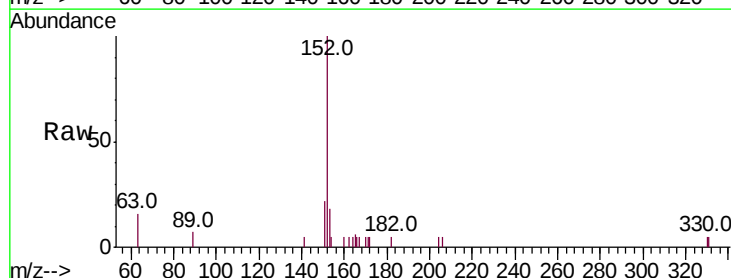
Instrument :
BNA_N
ClientSampleId :

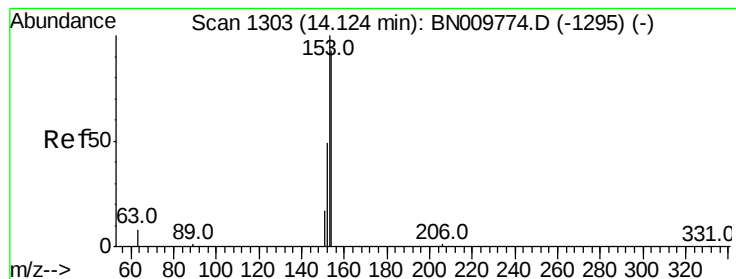
Tot Ion:172 Resp: 2056
Ion Ratio Lower Upper
172 100
171 37.8 28.7 43.1
170 26.2 20.1 30.1



#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.73 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:152 Resp: 2369
Ion Ratio Lower Upper
152 100
151 18.6 15.8 23.6
153 13.4 10.2 15.4





#17

Acenaphthene

Concen: 0.406 ng

RT: 14.08 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

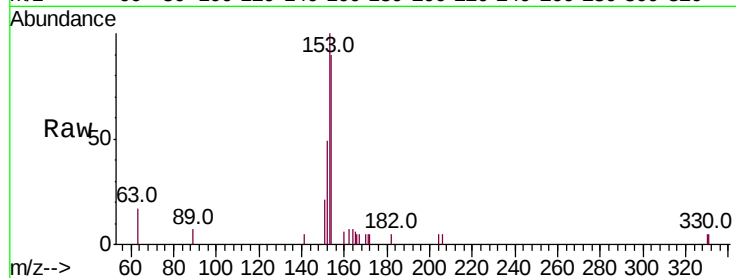
Tot Ion:154 Resp: 1781

Ion Ratio Lower Upper

154 100

153 114.6 88.9 133.3

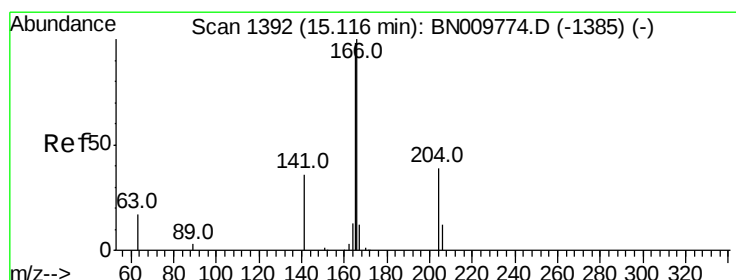
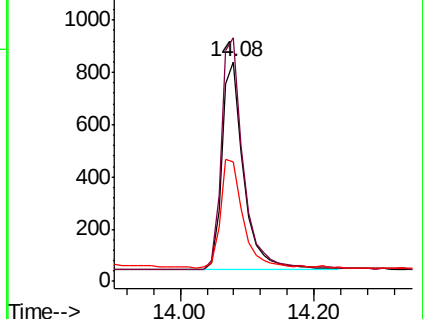
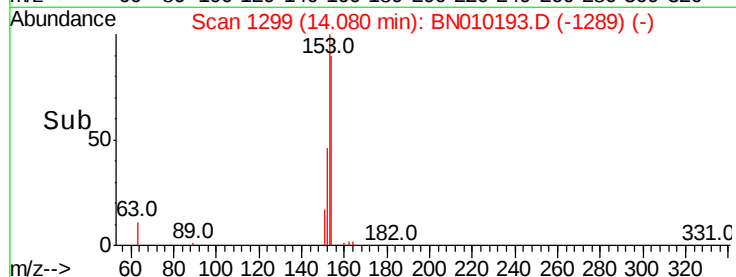
152 54.1 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.369 ng

RT: 15.08 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

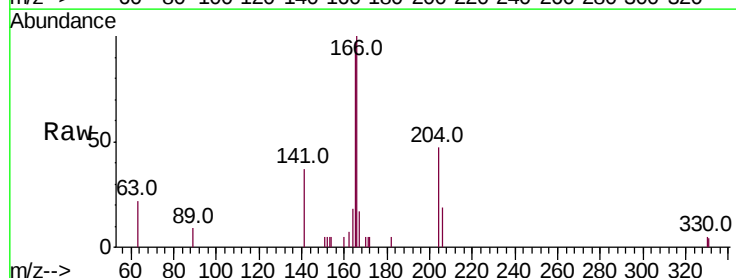
Tgt Ion:166 Resp: 2134

Ion Ratio Lower Upper

166 100

165 96.9 77.2 115.8

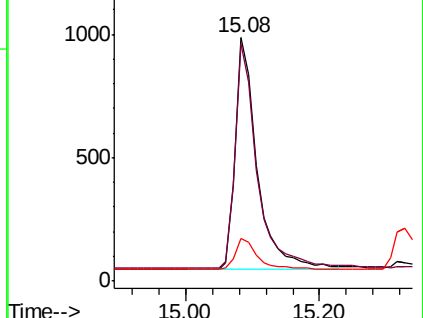
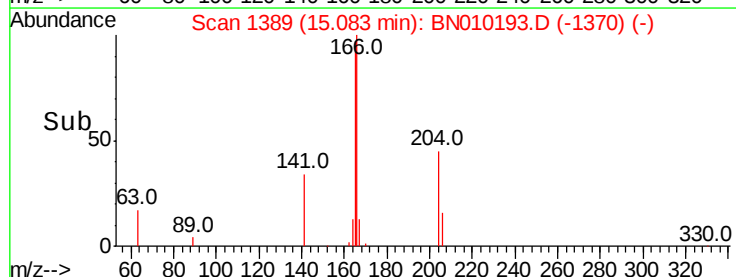
167 14.0 10.5 15.7

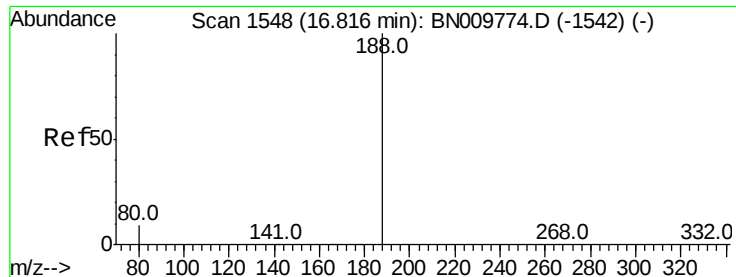


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

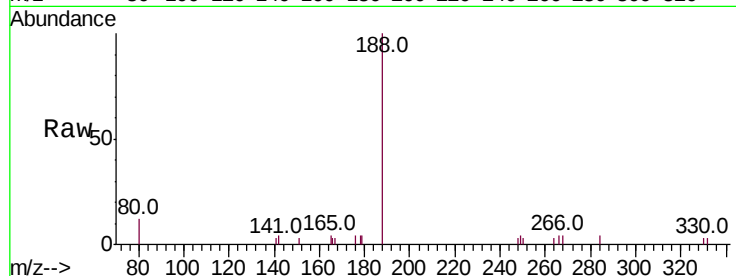




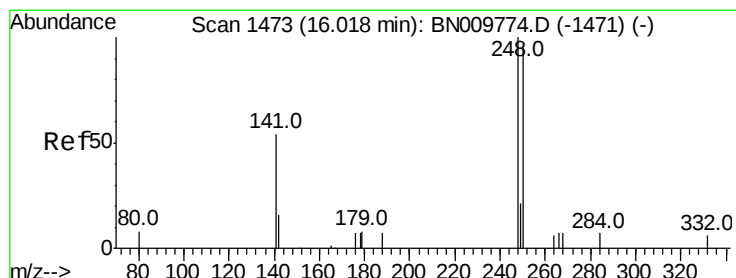
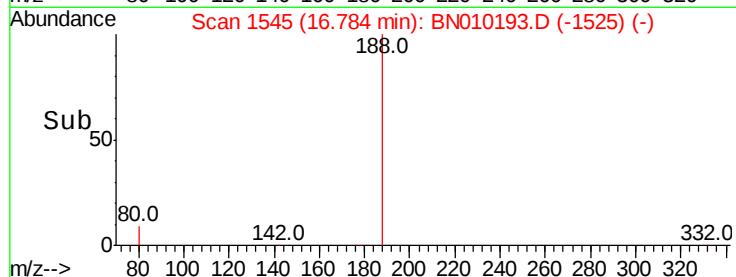
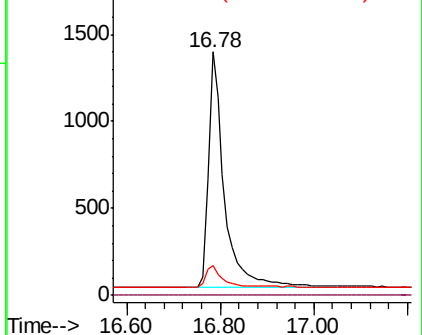
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 3245
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 8.3 12.5

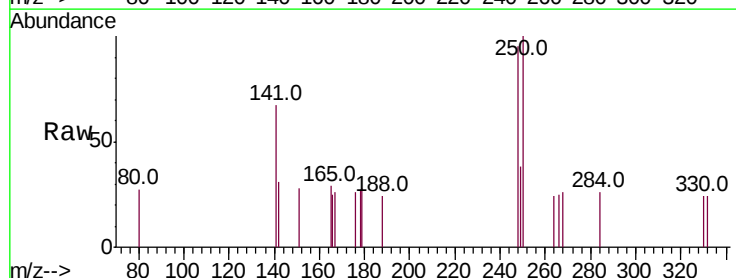


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

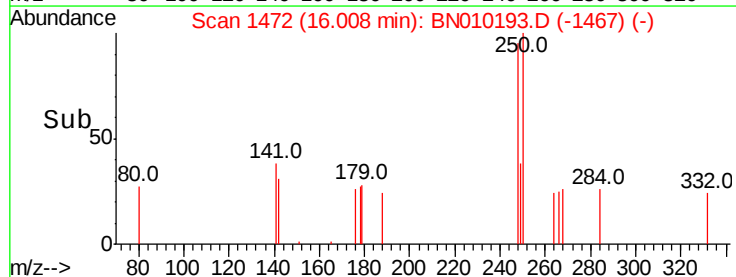
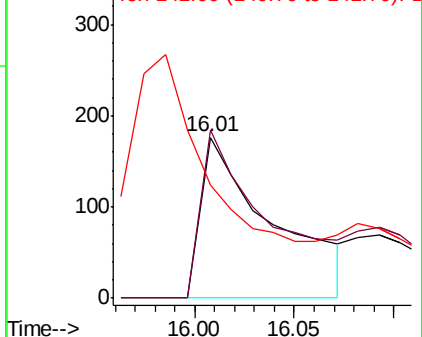


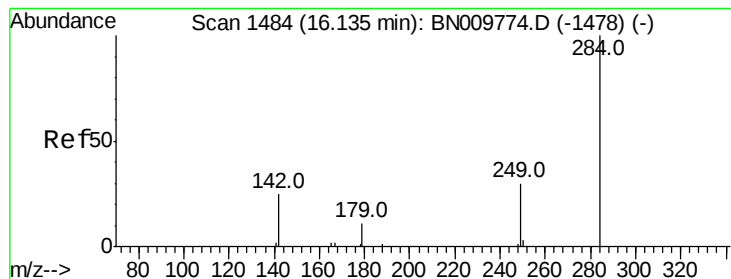
#20
4-Bromophenyl-phenylether
Concen: 0.120 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:248 Resp: 439
Ion Ratio Lower Upper
248 100
250 105.1 76.2 114.4
141 70.5 57.8 86.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 16.09 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

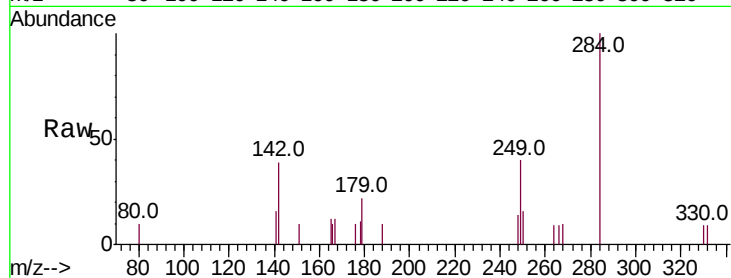
Tot Ion:284 Resp: 800

Ion Ratio Lower Upper

284 100

142 41.6 33.3 49.9

249 34.8 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.09

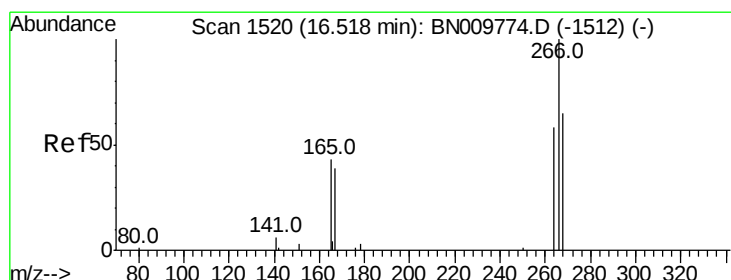
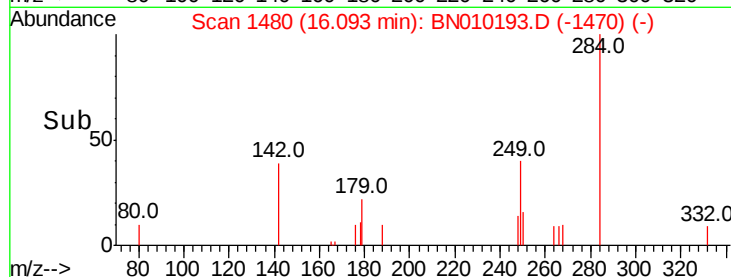
400

200

0

16.00 16.10 16.20

Time-->



#22

Pentachlorophenol

Concen: 0.422 ng

RT: 16.49 min Scan# 1517

Delta R.T. 0.02 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

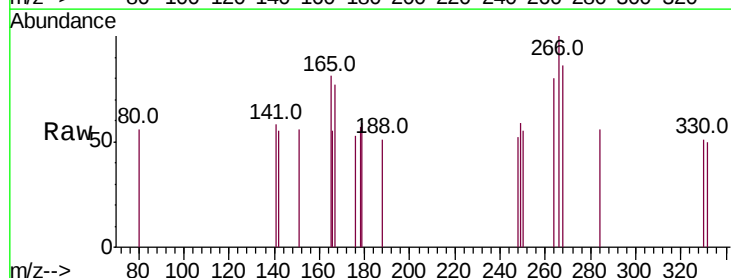
Tgt Ion:266 Resp: 165

Ion Ratio Lower Upper

266 100

264 79.5 58.1 87.1

268 86.4 65.7 98.5



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.49

120

100

80

60

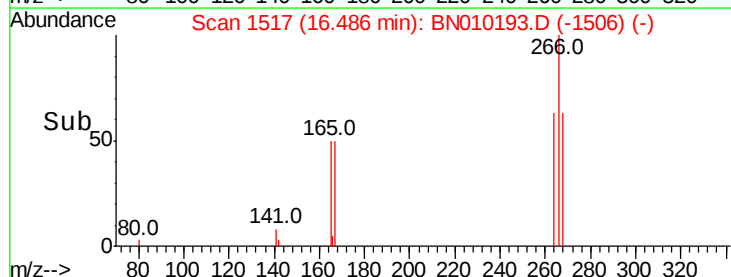
40

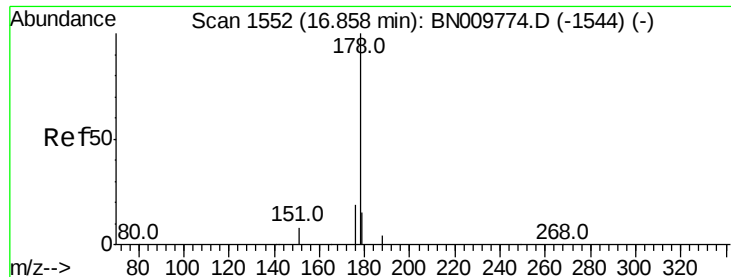
20

0

16.40 16.60

Time-->





#23

Phenanthrene

Concen: 0.383 ng

RT: 16.83 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

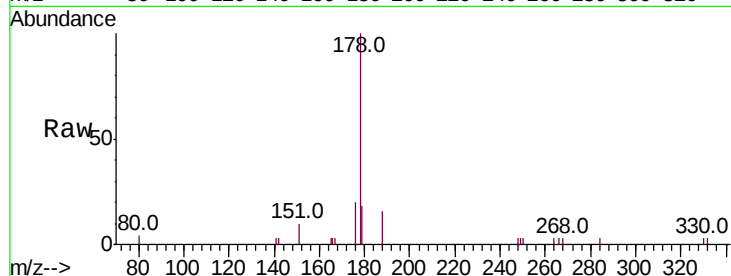
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 3697

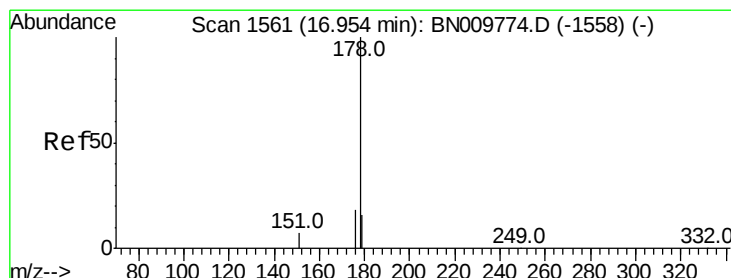
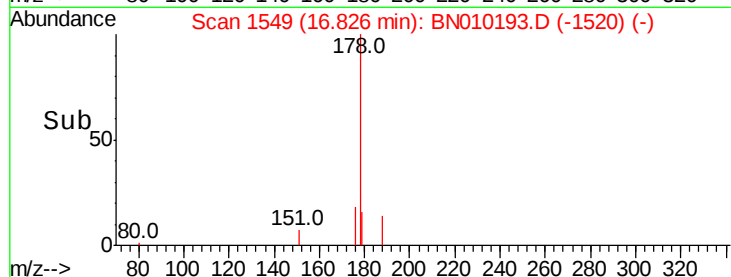
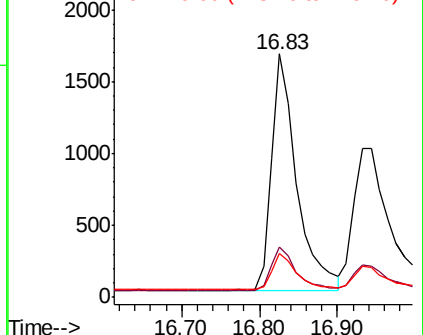
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.5	12.4	18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.371 ng

RT: 16.94 min Scan# 1560

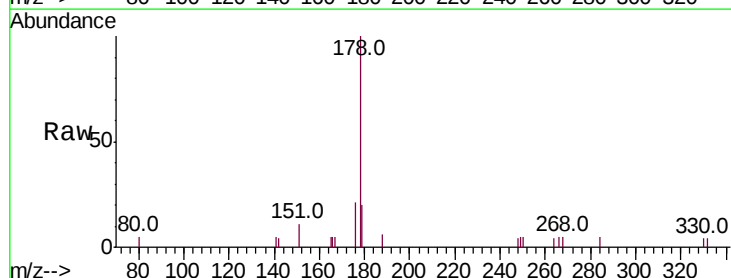
Delta R.T. 0.02 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Tgt Ion:178 Resp: 3028

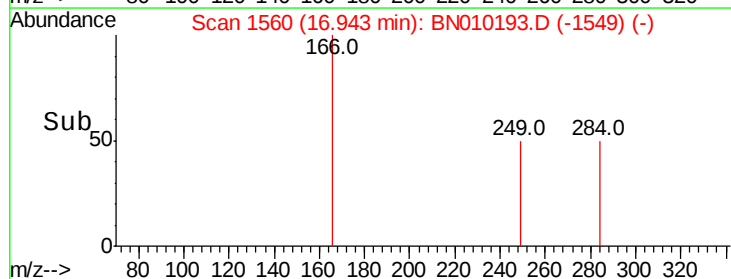
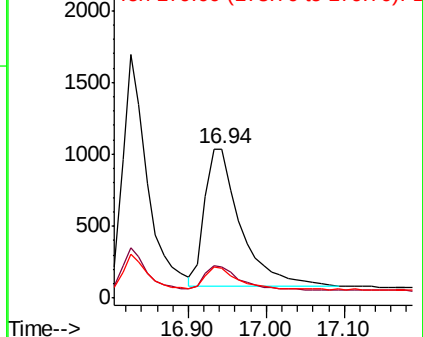
Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.2	12.4	18.6

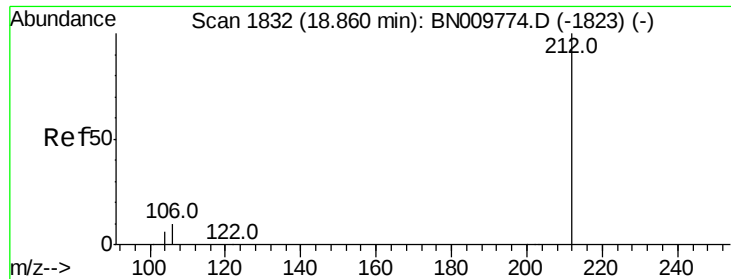


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 18.83 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampled :

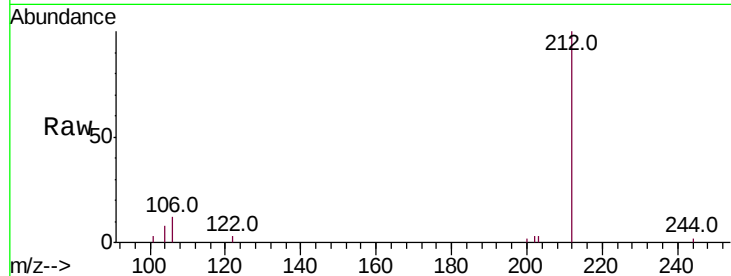
Tot Ion:212 Resp: 4147

Ion Ratio Lower Upper

212 100

106 9.8 8.4 12.6

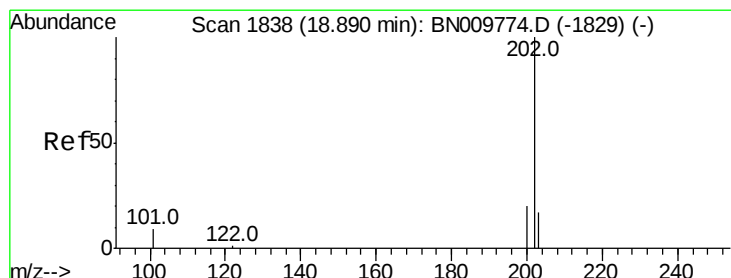
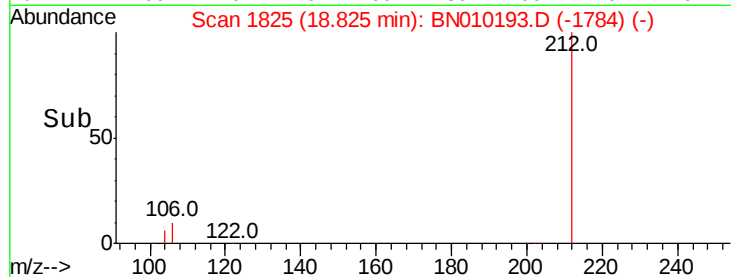
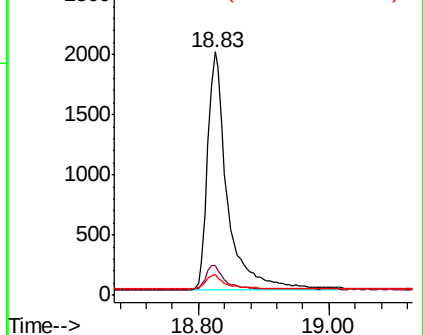
104 5.8 4.8 7.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.364 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

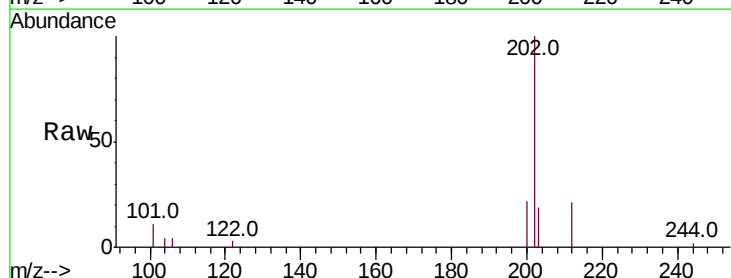
Tgt Ion:202 Resp: 4206

Ion Ratio Lower Upper

202 100

101 8.3 7.1 10.7

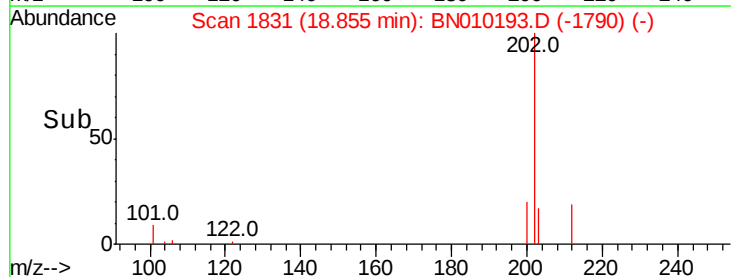
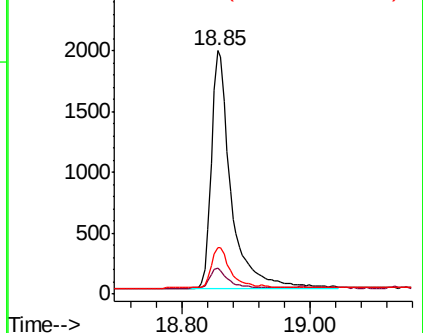
203 17.0 13.8 20.6

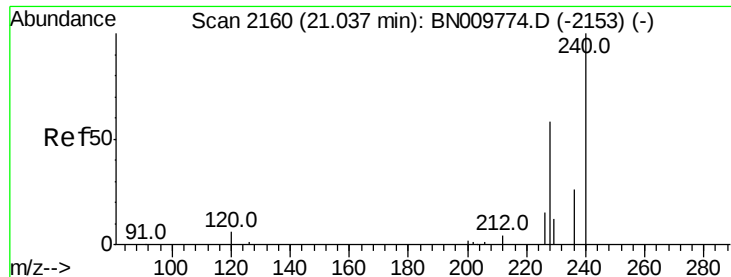


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

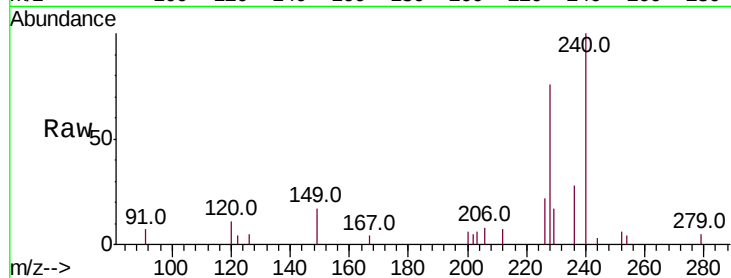
Tot Ion:240 Resp: 3050

Ion Ratio Lower Upper

240 100

120 11.2 7.9 11.9

236 28.5 22.0 33.0

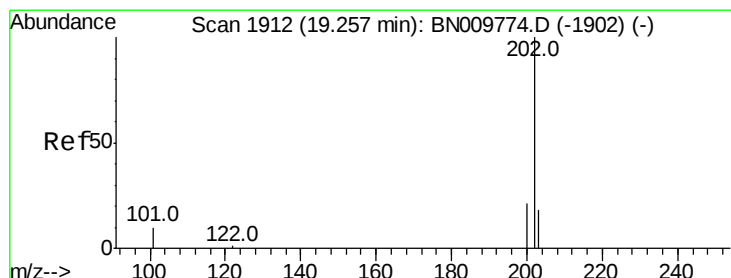
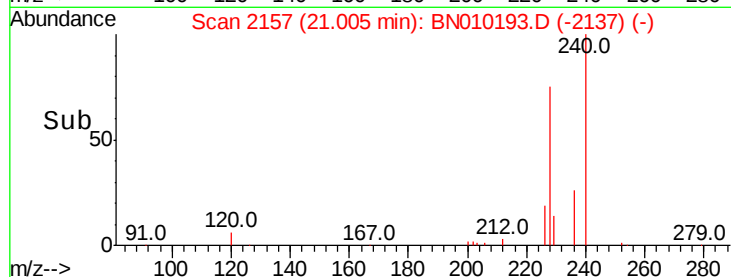
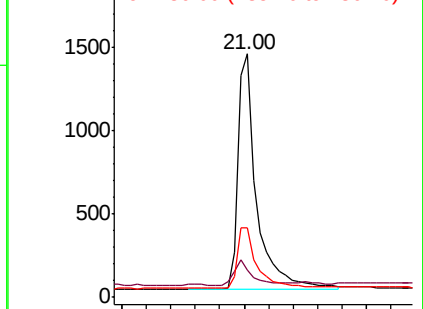


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.372 ng

RT: 19.22 min Scan# 1905

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

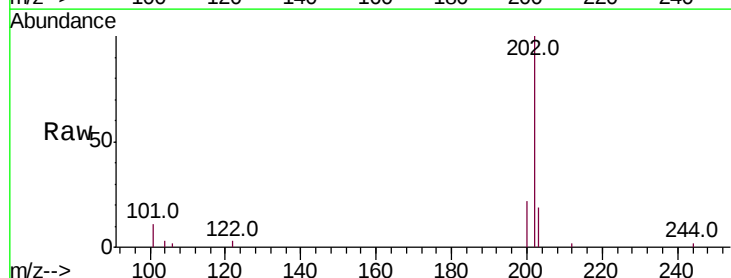
Tgt Ion:202 Resp: 4310

Ion Ratio Lower Upper

202 100

200 19.9 16.4 24.6

203 16.9 13.9 20.9

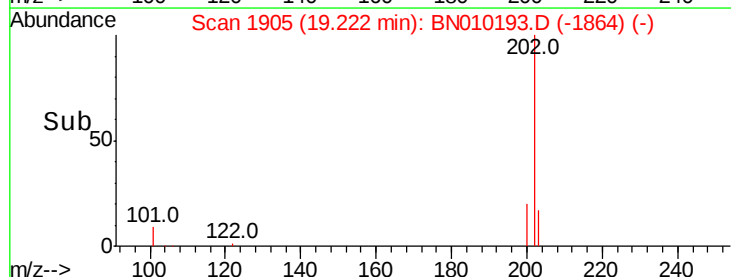
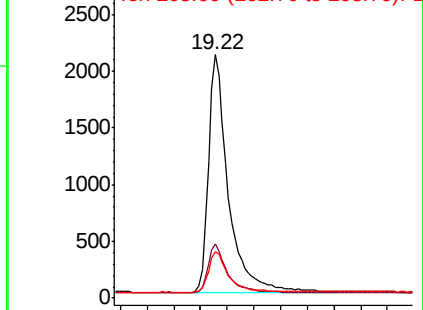


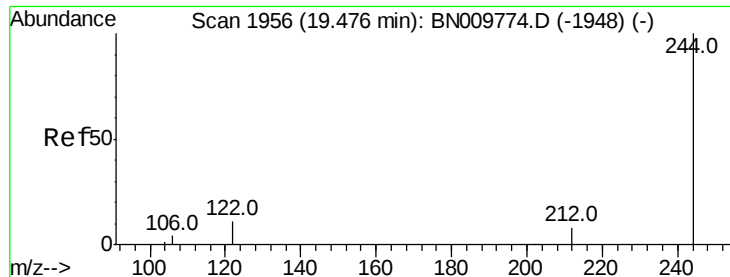
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.370 ng

RT: 19.44 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

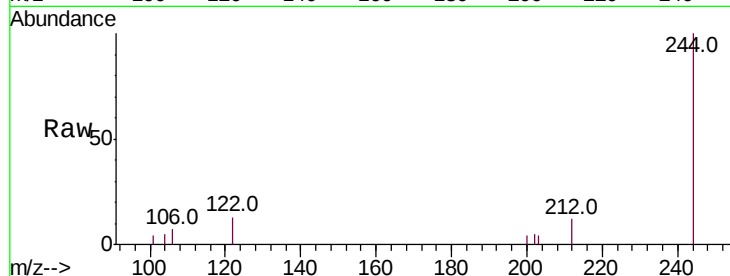
Tot Ion:244 Resp: 2697

Ion Ratio Lower Upper

244 100

212 11.6 8.0 12.0

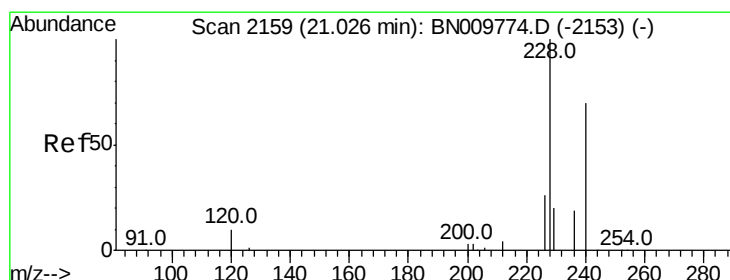
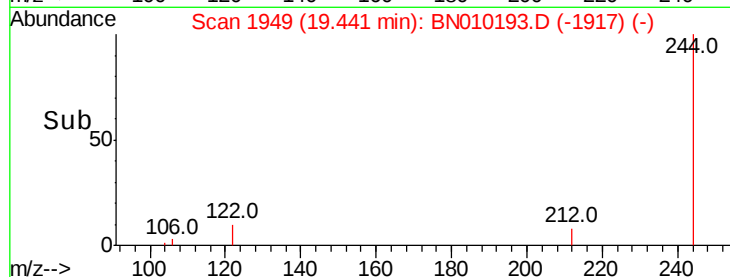
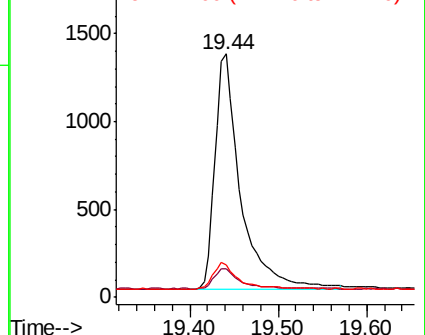
122 13.2 10.0 15.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.362 ng

RT: 20.99 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

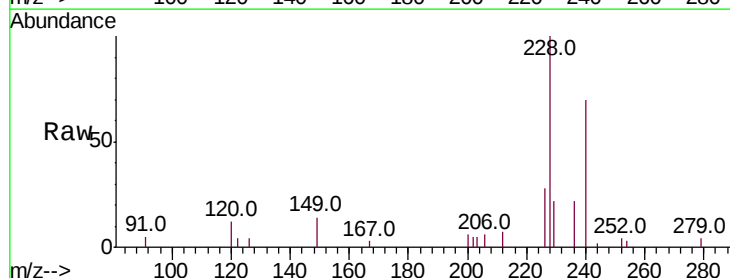
Tgt Ion:228 Resp: 3661

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

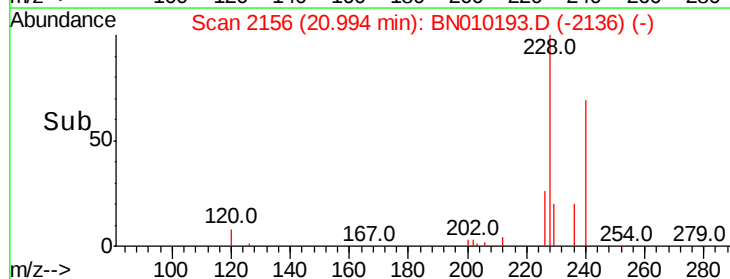
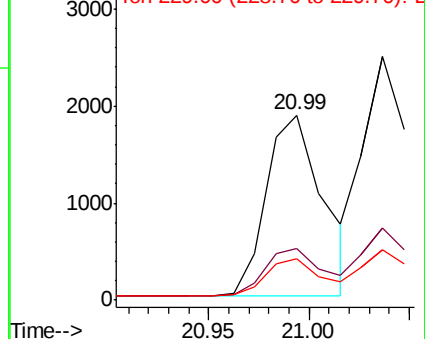
229 22.1 17.1 25.7

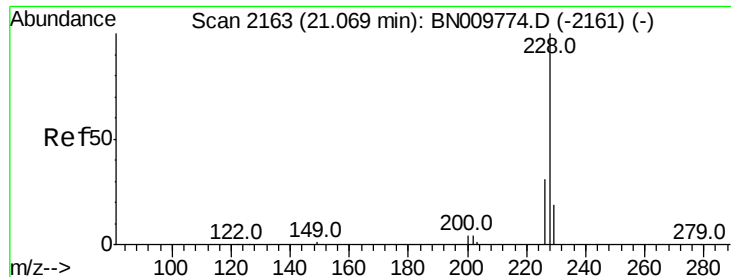


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.417 ng

RT: 21.04 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

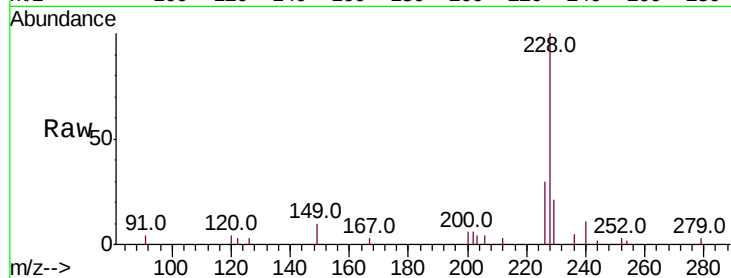
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 4888

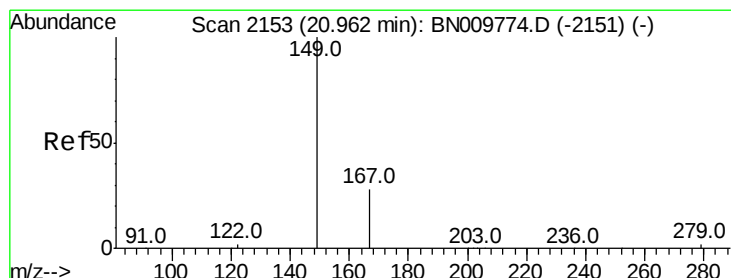
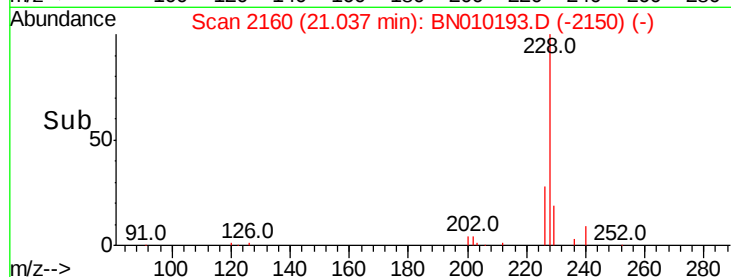
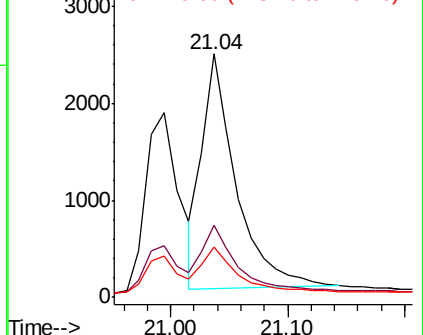
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	20.8	16.4	24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.388 ng

RT: 20.92 min Scan# 2149

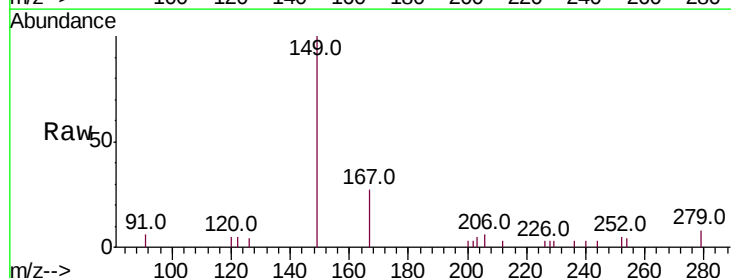
Delta R.T. 0.00 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Tgt Ion:149 Resp: 1918

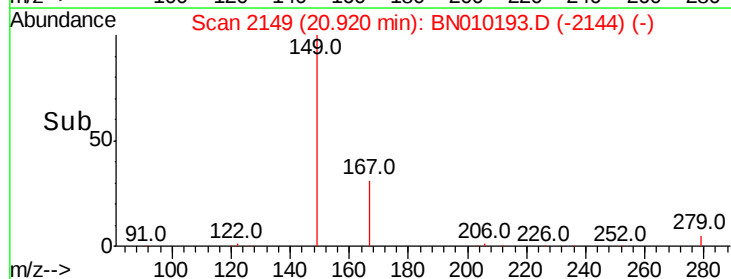
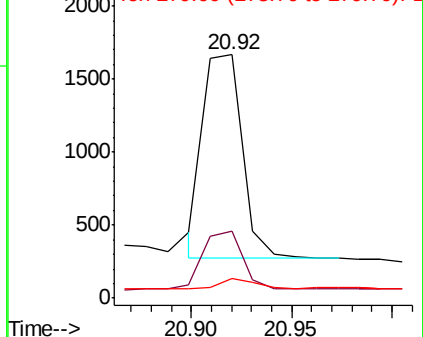
Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.7	34.1
279	4.2	3.1	4.7

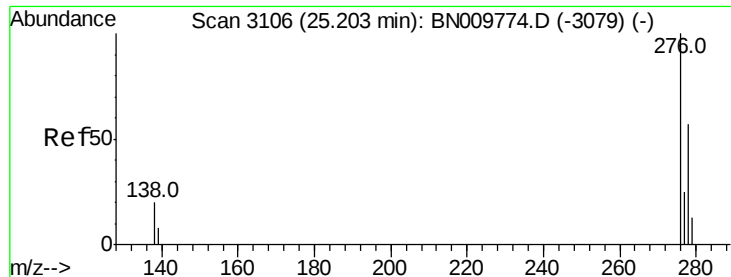


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng

RT: 25.14 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

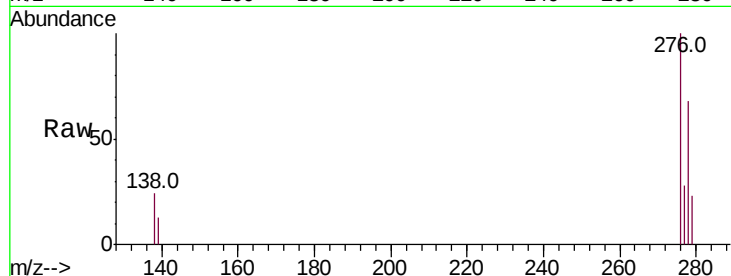
Tot Ion:276 Resp: 4992

Ion Ratio Lower Upper

276 100

138 17.5 15.8 23.6

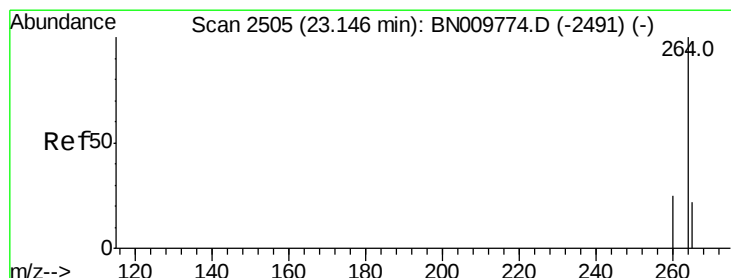
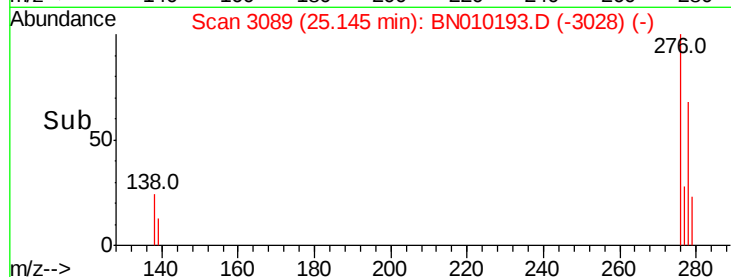
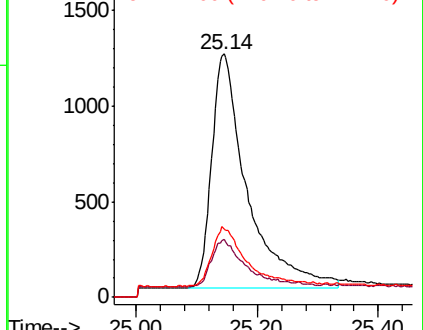
277 22.3 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

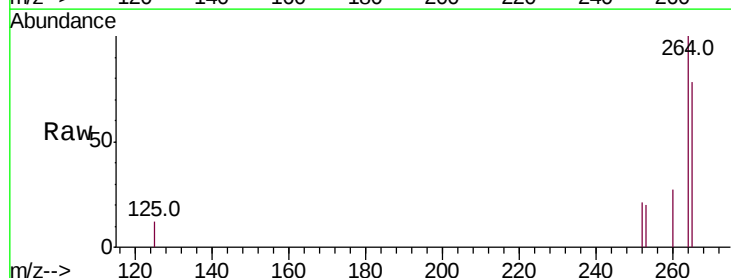
Tgt Ion:264 Resp: 3222

Ion Ratio Lower Upper

264 100

260 27.1 21.1 31.7

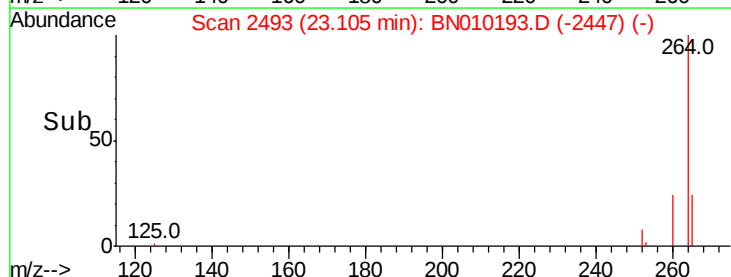
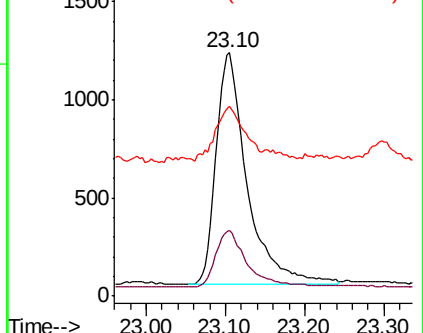
265 77.8 57.5 86.3

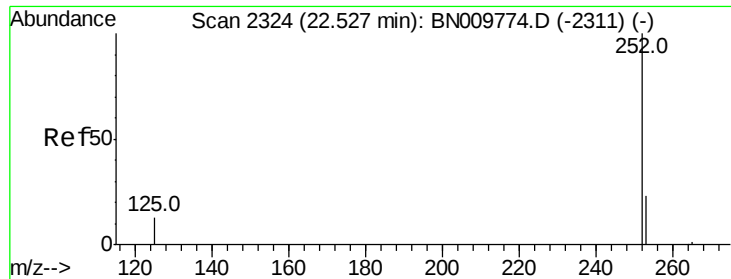


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.375 ng

RT: 22.49 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

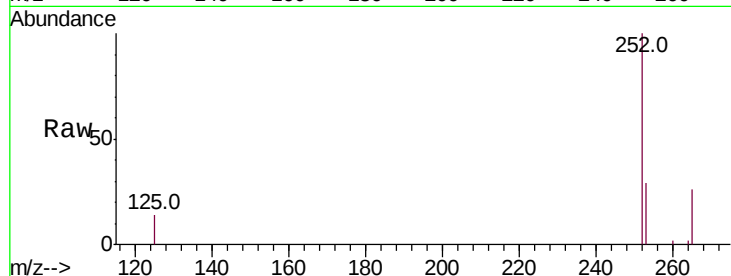
Tot Ion:252 Resp: 4415

Ion Ratio Lower Upper

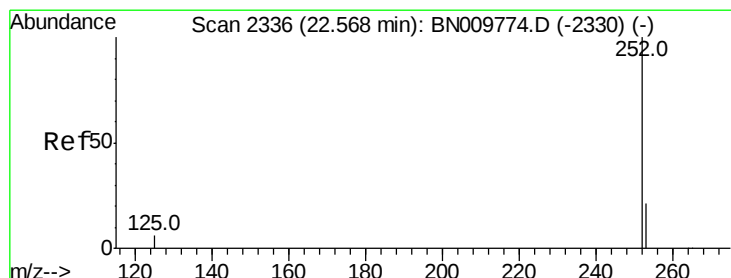
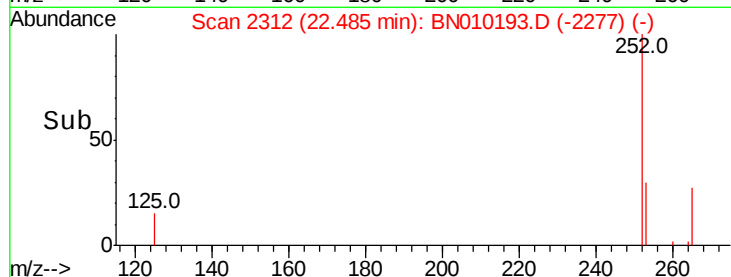
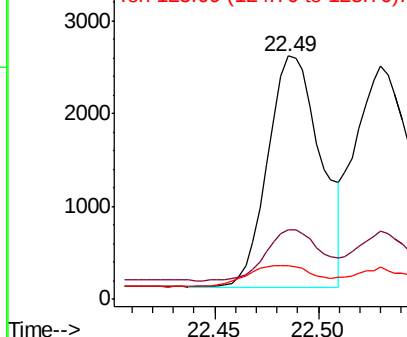
252 100

253 28.8 23.0 34.6

125 14.1 14.4 21.6#



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



#36

Benzo(k)fluoranthene

Concen: 0.428 ng

RT: 22.53 min Scan# 2325

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

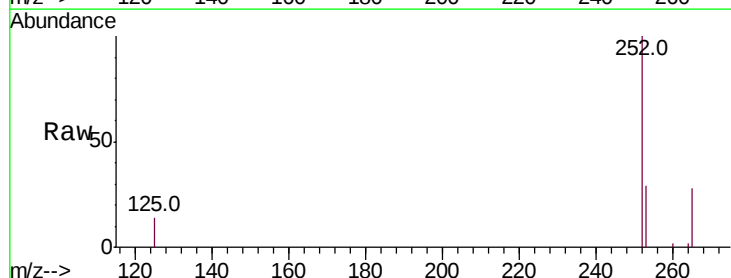
Tgt Ion:252 Resp: 5492

Ion Ratio Lower Upper

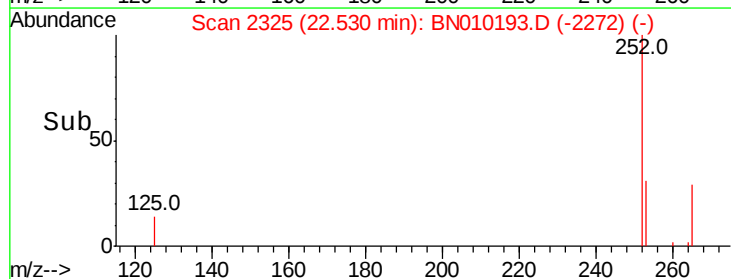
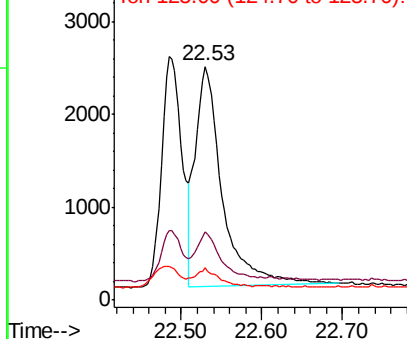
252 100

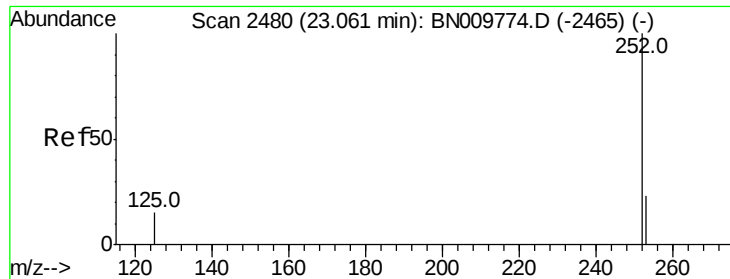
253 29.1 22.2 33.2

125 13.6 10.5 15.7



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: 0.380 ng

RT: 23.02 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :

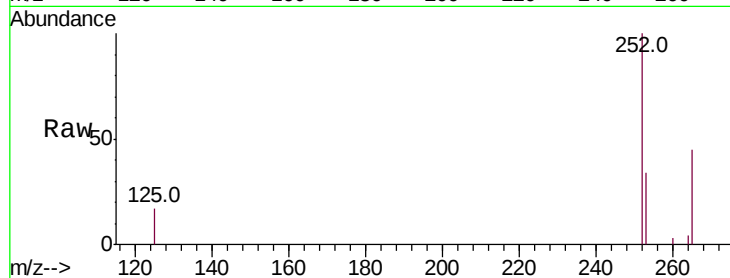
Tot Ion:252 Resp: 4088

Ion Ratio Lower Upper

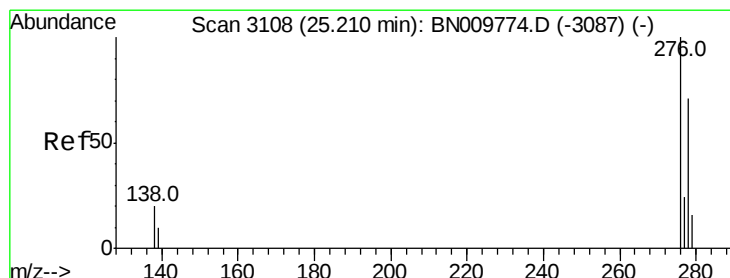
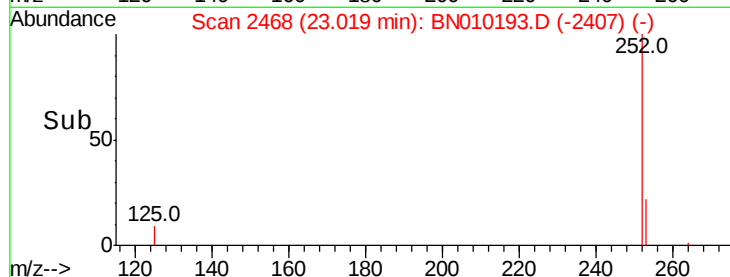
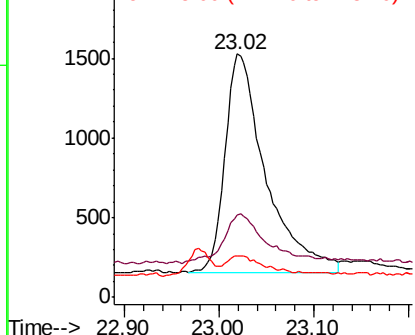
252 100

253 34.0 25.3 37.9

125 17.0 17.7 26.5#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.357 ng

RT: 25.15 min Scan# 3090

Delta R.T. 0.02 min

Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

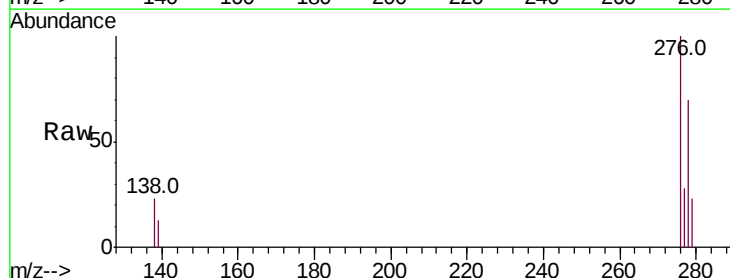
Tgt Ion:278 Resp: 3780

Ion Ratio Lower Upper

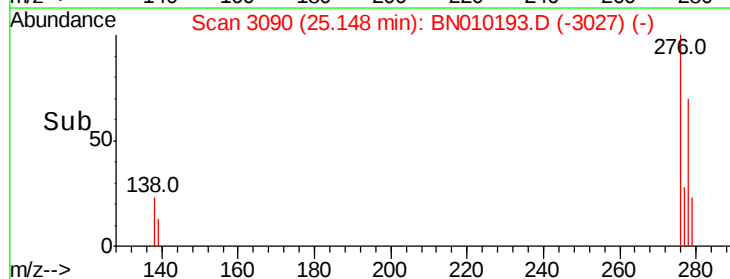
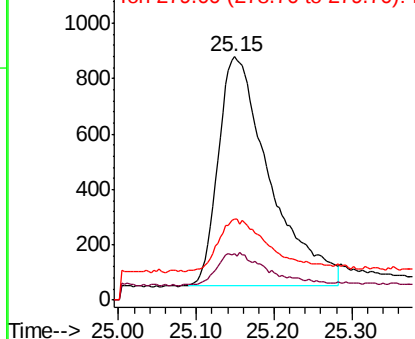
278 100

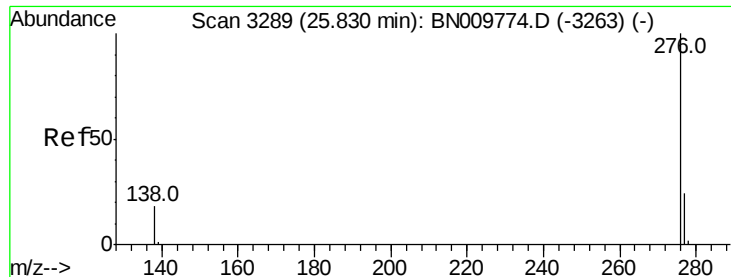
139 18.9 14.5 21.7

279 33.3 24.3 36.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.402 ng

RT: 25.76 min Scan# 3269

Delta R.T. 0.01 min

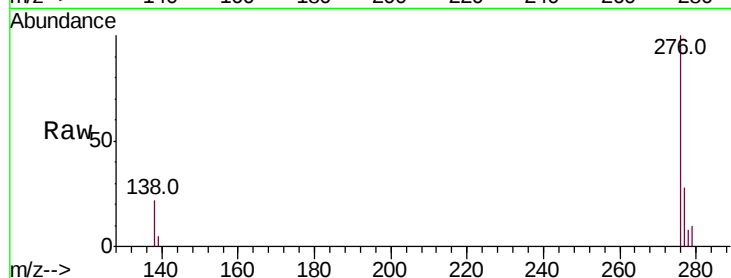
Lab File: BN010193.D

Acq: 11 Mar 2020 15:41

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 4529

Ion Ratio Lower Upper

276 100

277 28.0 21.4 32.0

138 21.7 16.6 24.8

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

