

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010301.D
 Acq On : 19 Mar 2020 22:51
 Operator : CG/JU
 Sample : L1161-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 01:25:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3956	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13735	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8235	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19597	0.40	ng	0.00
27) Chrysene-d12	21.19	240	21042	0.40	ng	0.00
34) Perylene-d12	23.36	264	22359	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2888	0.37	ng	0.00
5) Phenol-d6	6.80	99	3622	0.37	ng	0.00
8) Nitrobenzene-d5	8.74	82	3193	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7433	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	971	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	12158	0.39	ng	0.00
25) Fluoranthene-d10	19.02	212	19847	0.34	ng	0.00
29) Terphenyl-d14	19.63	244	17383	0.38	ng	0.00

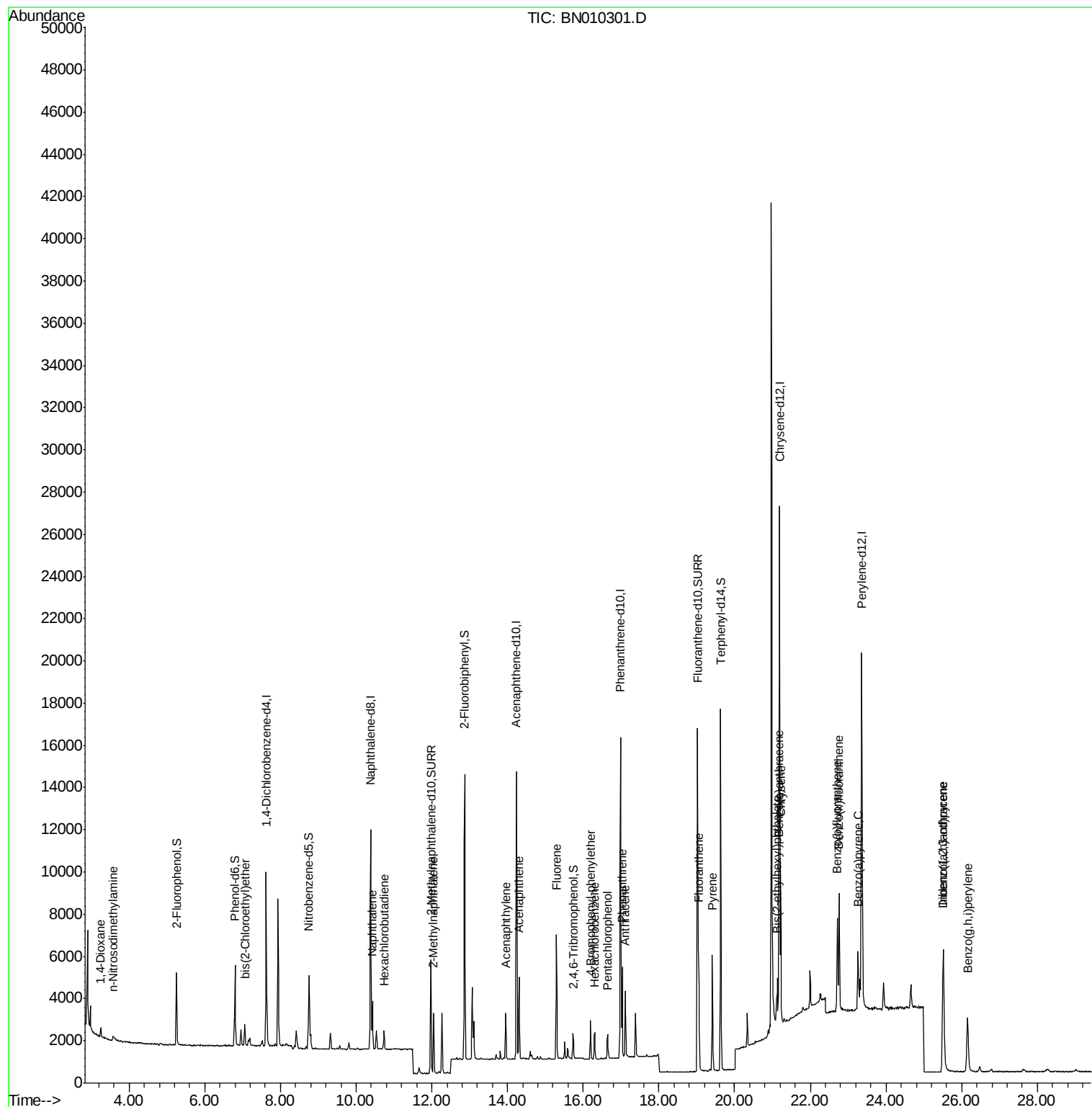
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	316	0.085	ng	# 87
3) n-Nitrosodimethylamine	3.58	42	217	0.069	ng	# 83
6) bis(2-Chloroethyl)ether	7.06	93	823	0.088	ng	98
9) Naphthalene	10.43	128	2968	0.087	ng	# 93
10) Hexachlorobutadiene	10.73	225	703	0.085	ng	# 98
12) 2-Methylnaphthalene	12.05	142	2016	0.085	ng	95
16) Acenaphthylene	13.96	152	2459	0.076	ng	99
17) Acenaphthene	14.30	154	1823	0.079	ng	96
18) Fluorene	15.29	166	2403	0.079	ng	98
20) 4-Bromophenyl-phenylether	16.19	248	899	0.076	ng	97
21) Hexachlorobenzene	16.31	284	1004	0.082	ng	98
22) Pentachlorophenol	16.65	266	674	0.161	ng	96
23) Phenanthrene	17.03	178	4369	0.081	ng	99
24) Anthracene	17.11	178	3558	0.077	ng	99
26) Fluoranthene	19.05	202	5284	0.080	ng	100
28) Pyrene	19.41	202	5196	0.079	ng	99
30) Benzo(a)anthracene	21.16	228	5412	0.081	ng	98
31) Chrysene	21.22	228	6043	0.084	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	1768	0.078	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.51	276	6882	0.089	ng	97
35) Benzo(b)fluoranthene	22.71	252	5547	0.073	ng	# 83
36) Benzo(k)fluoranthene	22.76	252	6338	0.082	ng	# 74
37) Benzo(a)pyrene	23.26	252	4467	0.070	ng	# 75
38) Dibenzo(a,h)anthracene	25.52	278	5689	0.082	ng	# 85
39) Benzo(g,h,i)perylene	26.15	276	5497	0.079	ng	# 92

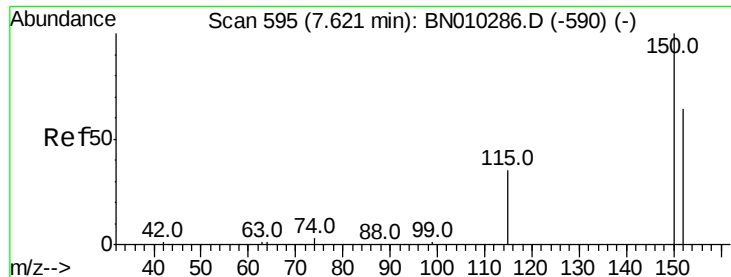
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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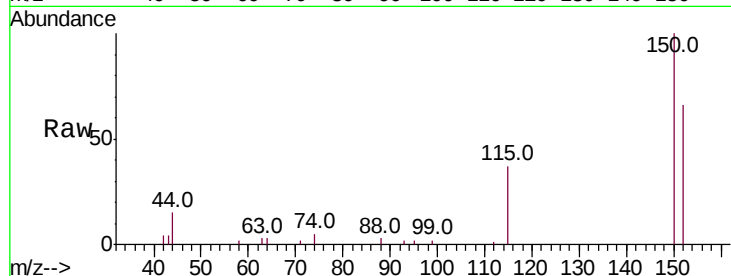


#1

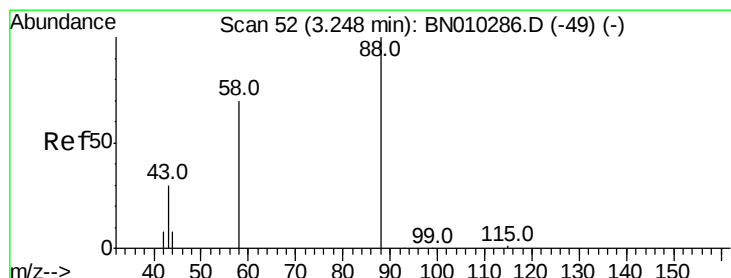
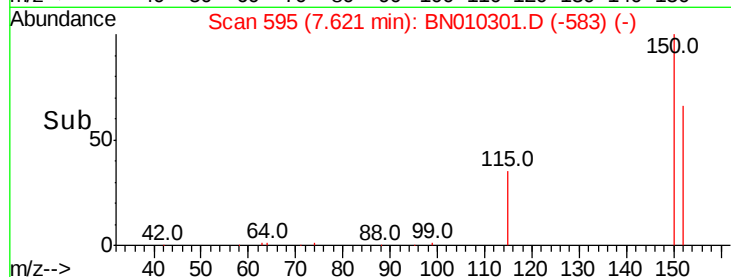
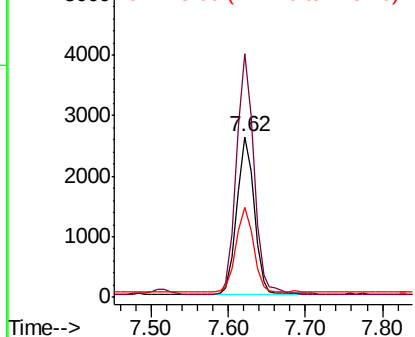
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 3956
Ion Ratio Lower Upper
152 100
150 151.8 123.1 184.7
115 56.1 45.2 67.8



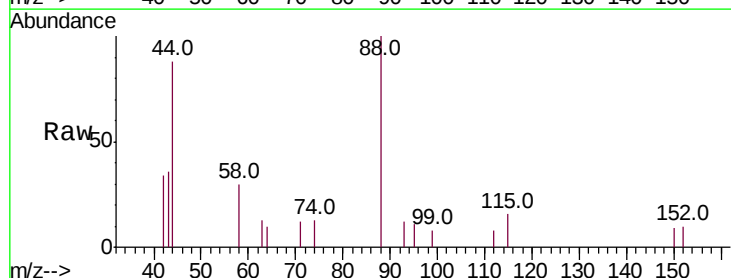
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



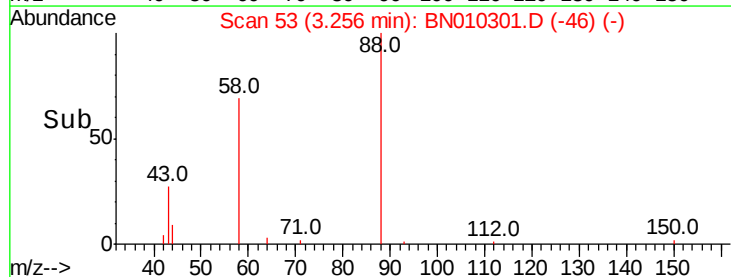
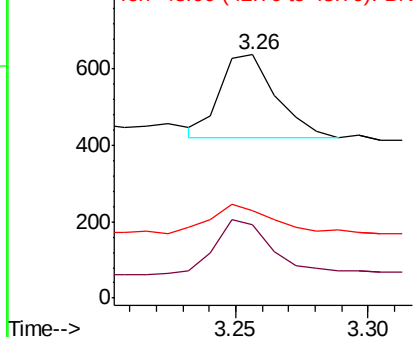
#2

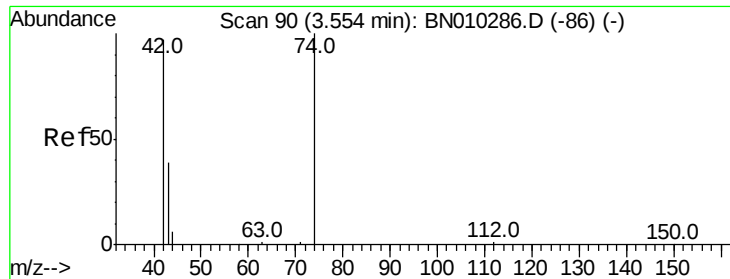
1,4-Dioxane
Concen: 0.085 ng
RT: 3.26 min Scan# 53
Delta R.T. 0.01 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

Tgt Ion: 88 Resp: 316
Ion Ratio Lower Upper
88 100
58 70.9 51.7 77.5
43 38.6 21.2 31.8#



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

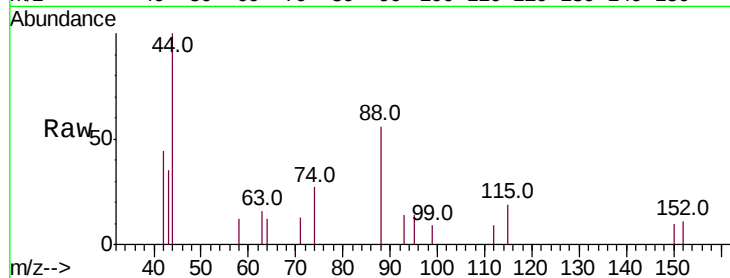




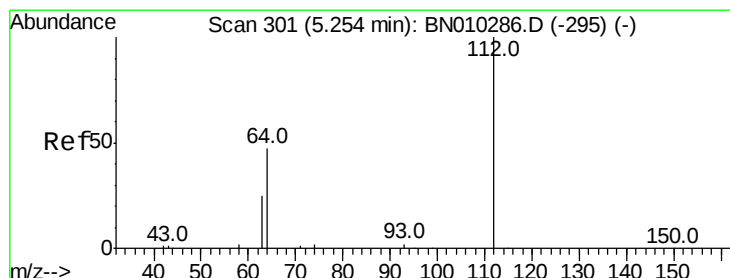
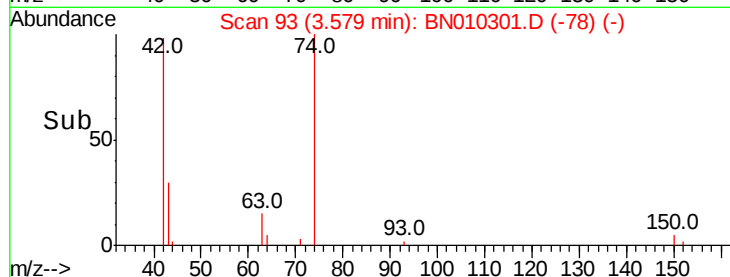
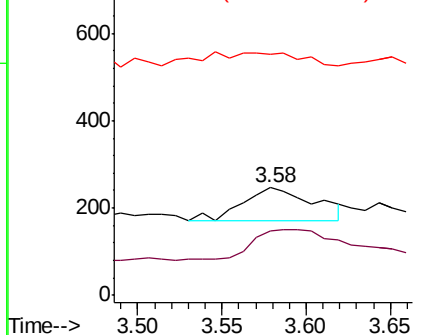
#3
n-Nitrosodimethylamine
Concen: 0.069 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.02 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 217
Ion Ratio Lower Upper
42 100
74 104.6 99.4 149.0
44 0.0 4.8 7.2#

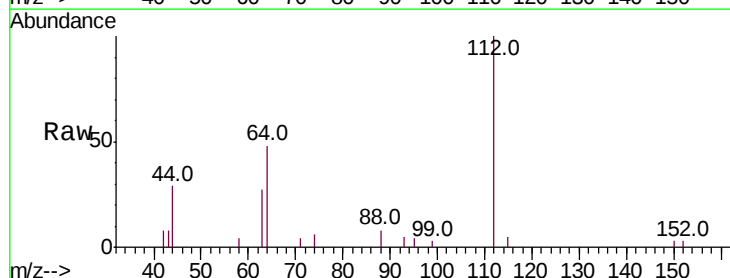


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

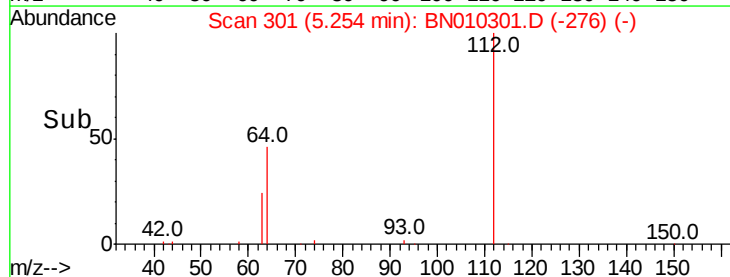
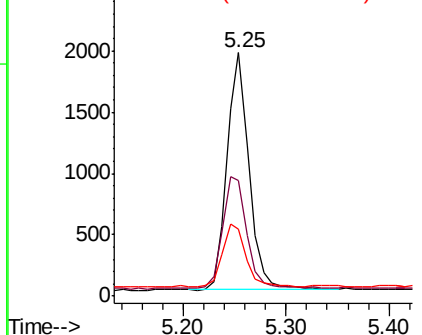


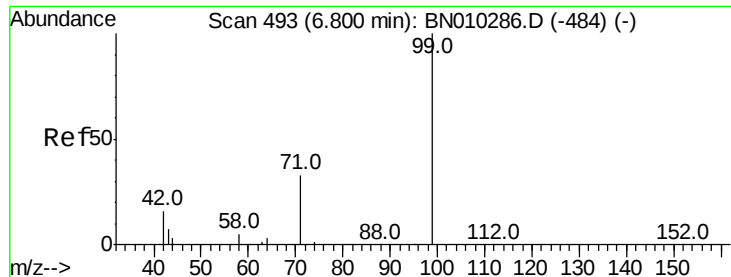
#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

Tgt Ion: 112 Resp: 2888
Ion Ratio Lower Upper
112 100
64 51.0 41.4 62.2
63 27.7 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.372 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

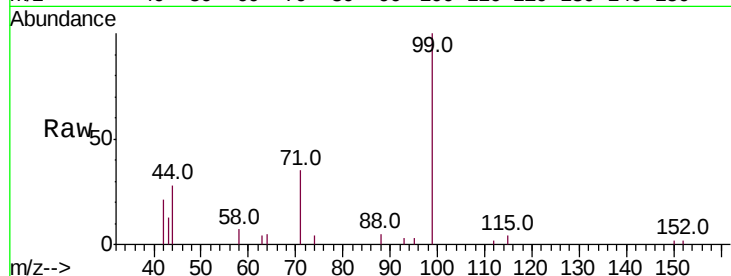
Tot Ion: 99 Resp: 3622

Ion Ratio Lower Upper

99 100

42 20.2 14.8 22.2

71 33.8 27.3 40.9



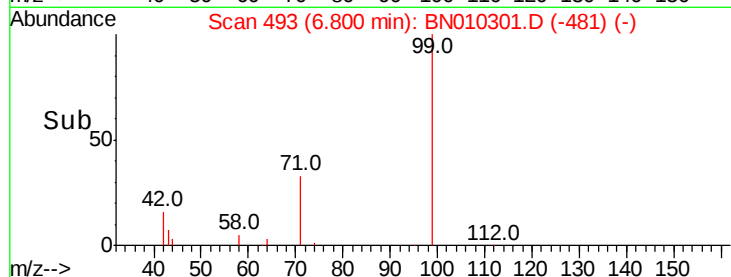
Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

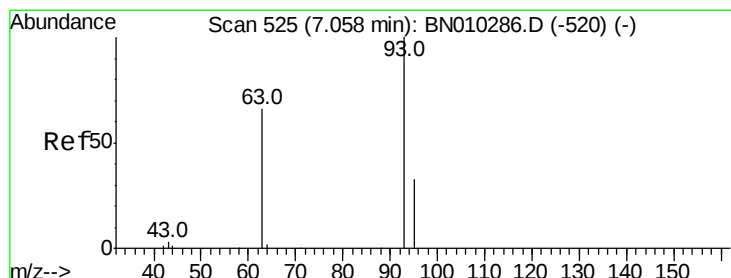
Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)

6.80

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.088 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

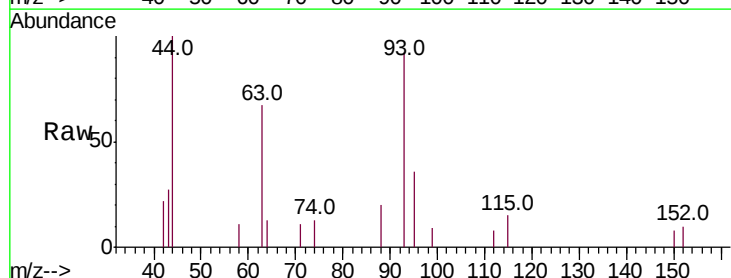
Tgt Ion: 93 Resp: 823

Ion Ratio Lower Upper

93 100

63 67.3 55.6 83.4

95 32.0 26.2 39.4



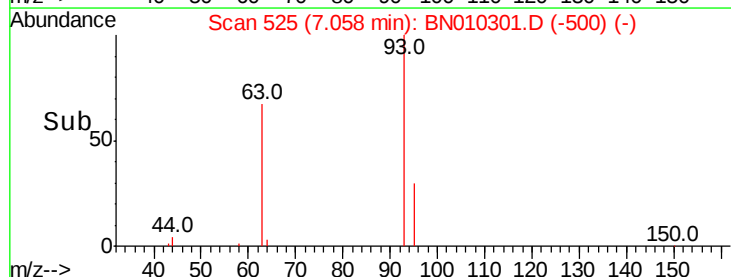
Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

Ion 63.00 (62.70 to 63.70): BN010286.D (-520) (-)

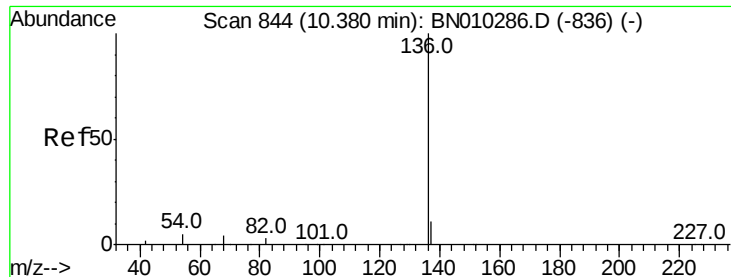
Ion 95.00 (94.70 to 95.70): BN010286.D (-520) (-)

7.06

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13735

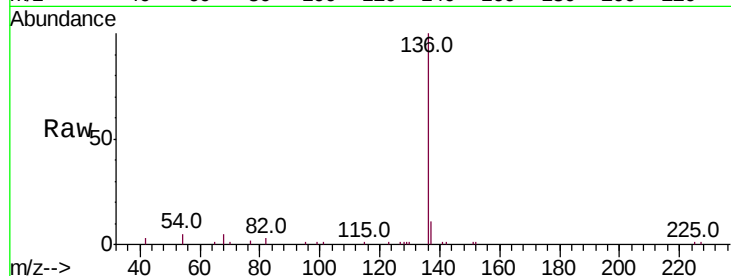
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 5.4 4.8 7.2

68 4.7 4.1 6.1

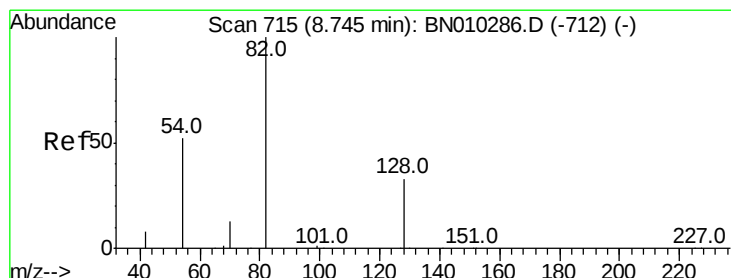
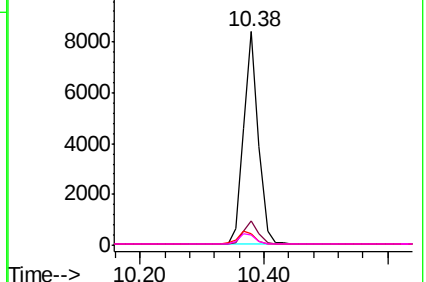
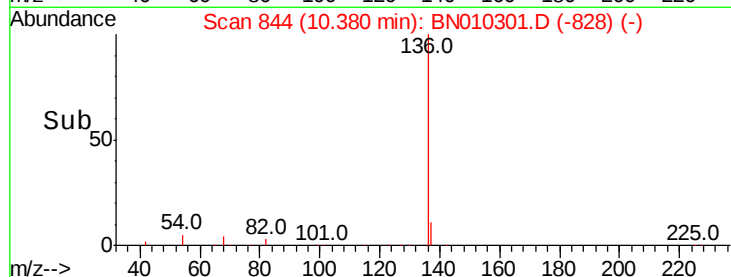


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

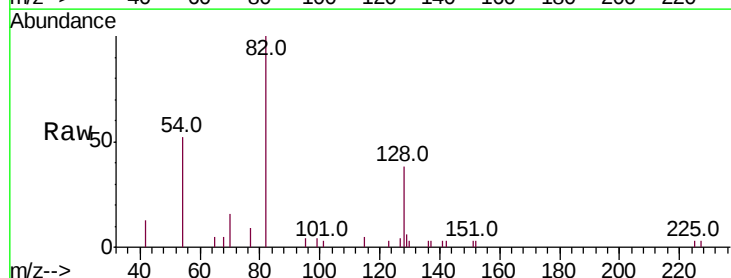
Tgt Ion: 82 Resp: 3193

Ion Ratio Lower Upper

82 100

128 37.7 28.8 43.2

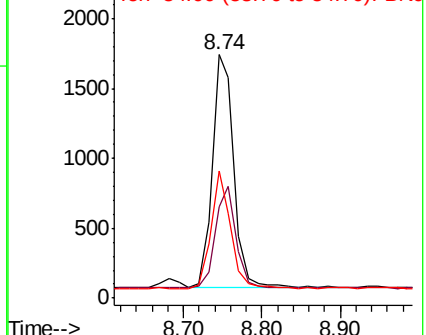
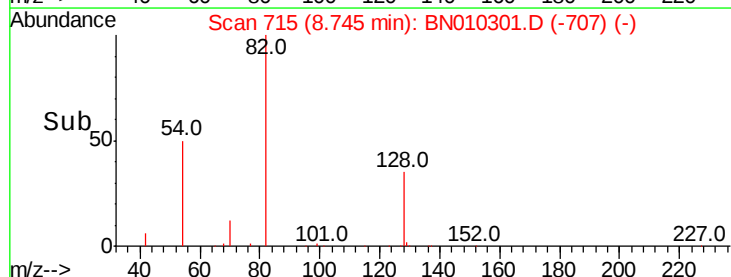
54 52.1 42.1 63.1

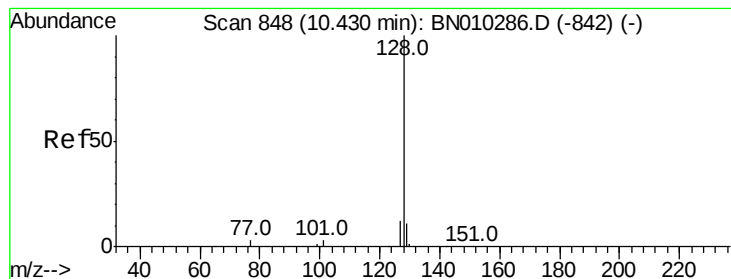


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.087 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampled :

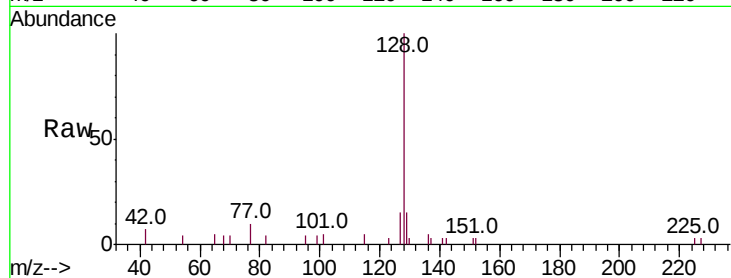
Tot Ion:128 Resp: 2968

Ion Ratio Lower Upper

128 100

129 14.5 9.1 13.7#

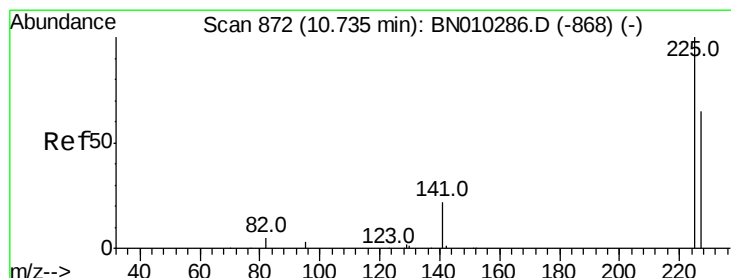
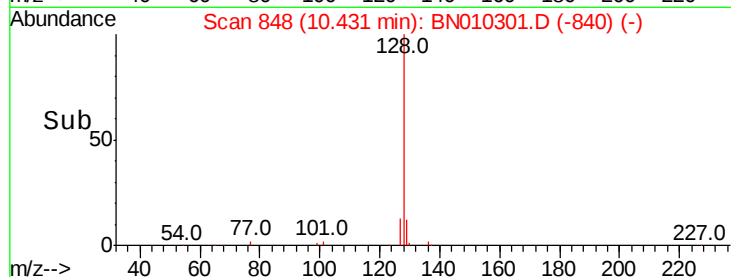
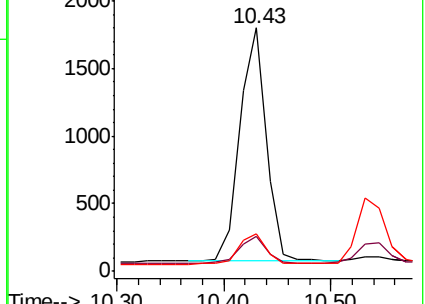
127 15.2 10.4 15.6



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: 0.085 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

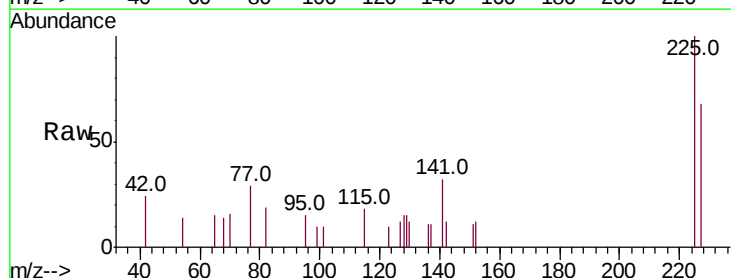
Tgt Ion:225 Resp: 703

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

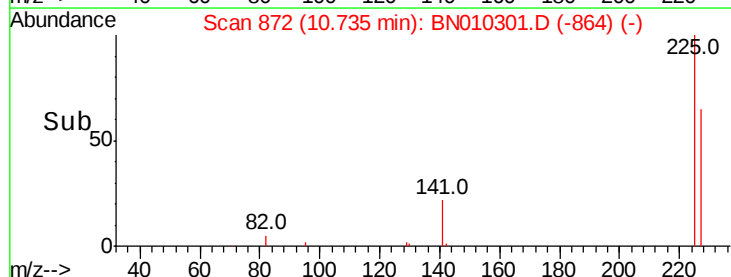
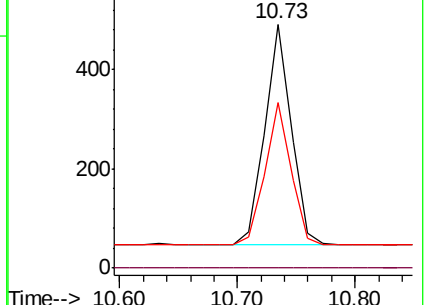
227 63.6 51.9 77.9

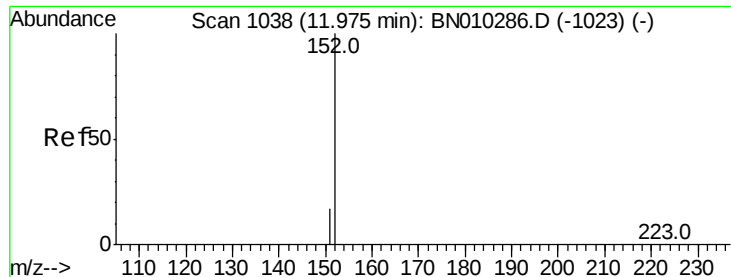


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

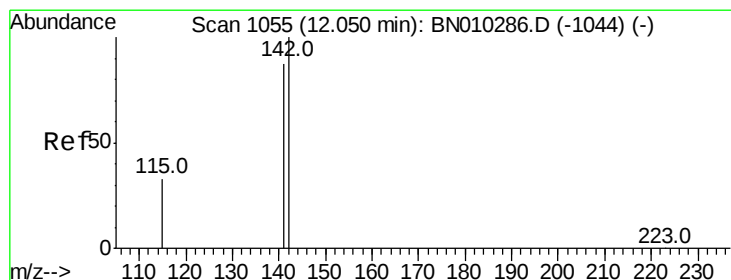
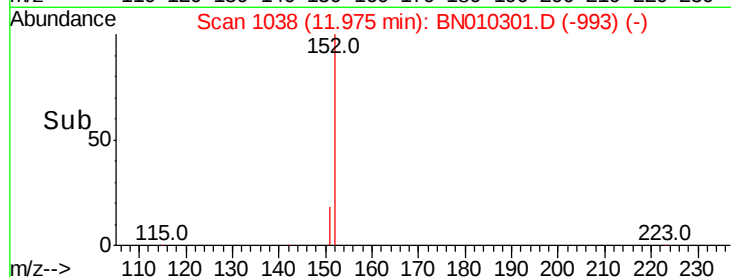
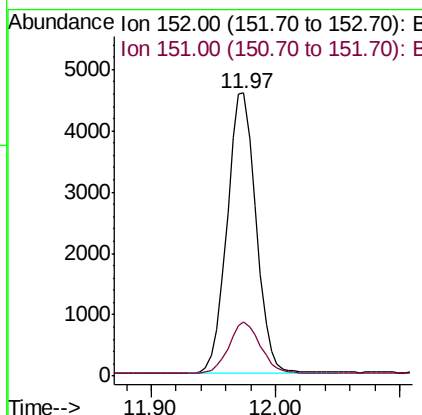
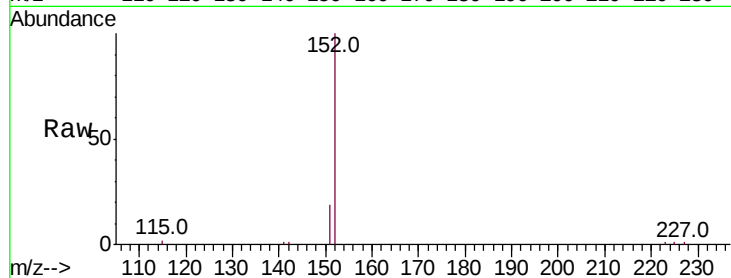




#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 11.97 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

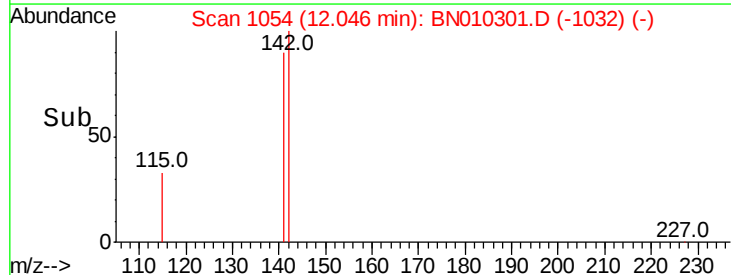
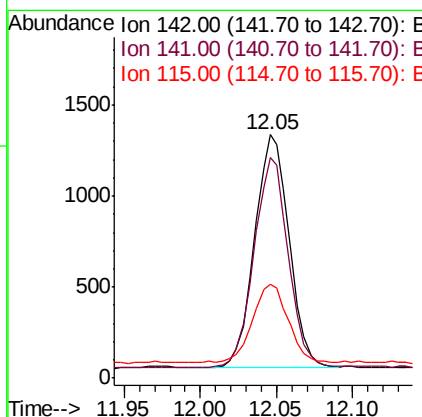
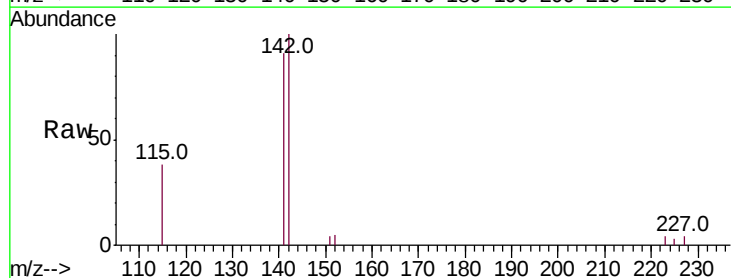
Instrument :
BNA_N
ClientSampled :

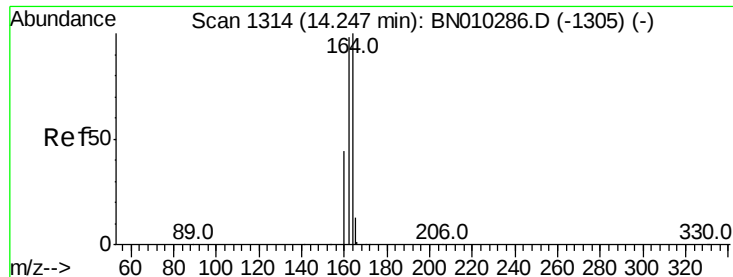
Tot Ion:152 Resp: 7433
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.085 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

Tgt Ion:142 Resp: 2016
Ion Ratio Lower Upper
142 100
141 90.8 69.5 104.3
115 38.4 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

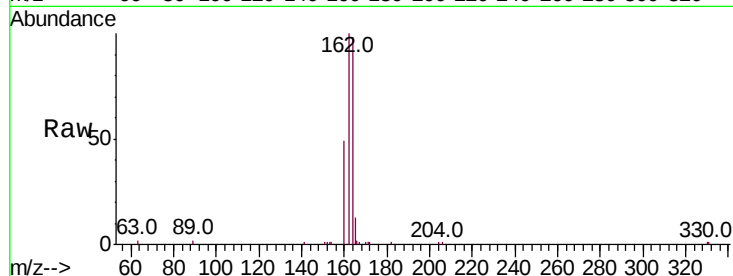
Tot Ion:164 Resp: 8235

Ion Ratio Lower Upper

164 100

162 102.3 78.2 117.2

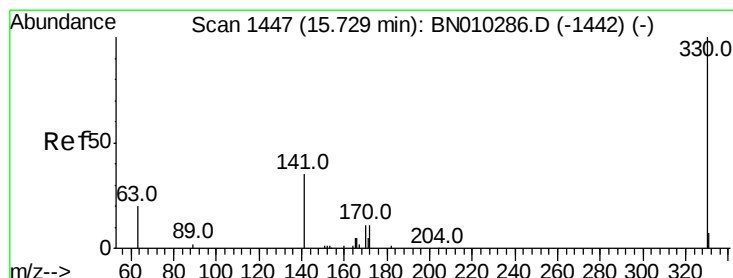
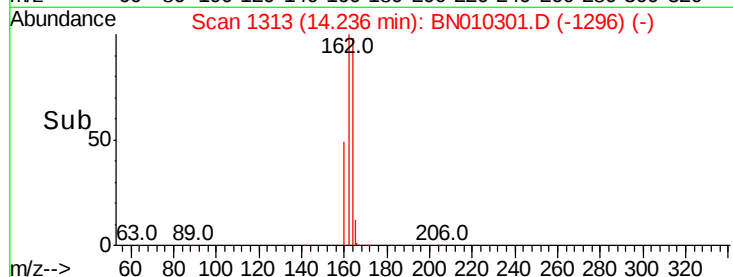
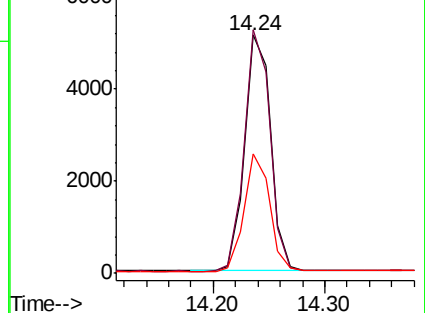
160 50.1 35.8 53.6



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: 0.307 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

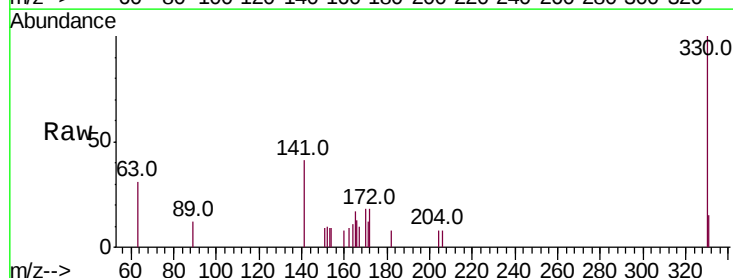
Tgt Ion:330 Resp: 971

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

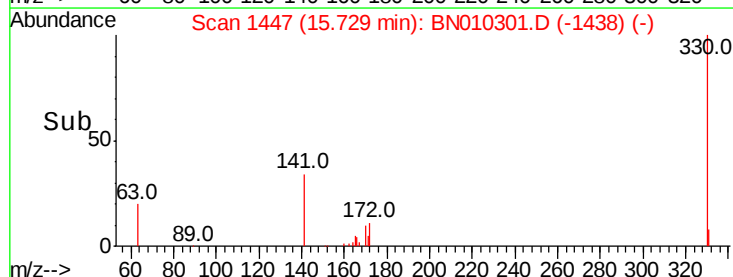
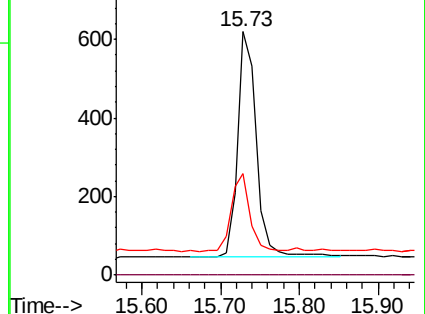
141 35.6 29.3 43.9

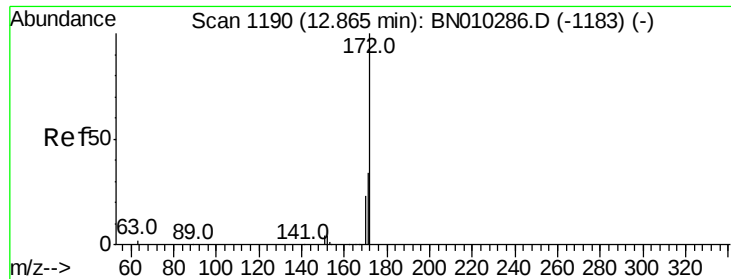


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

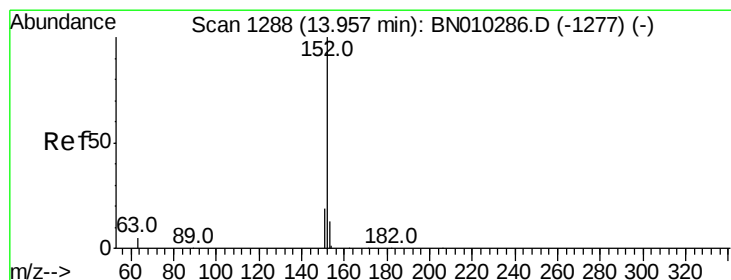
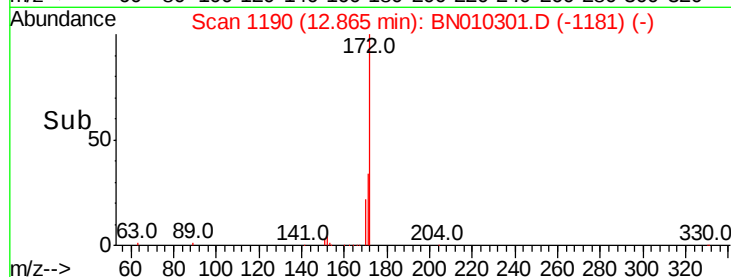
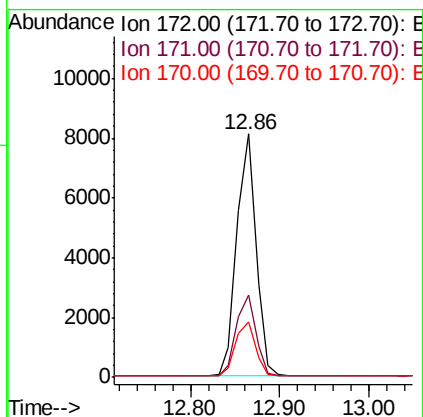
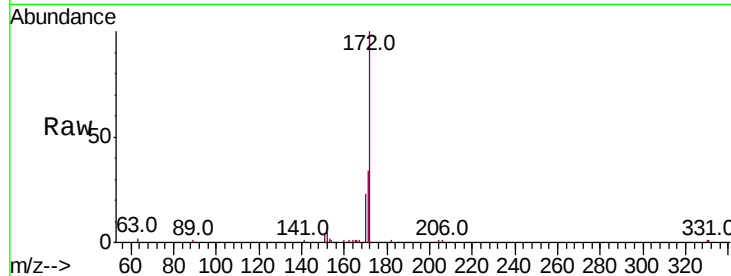




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

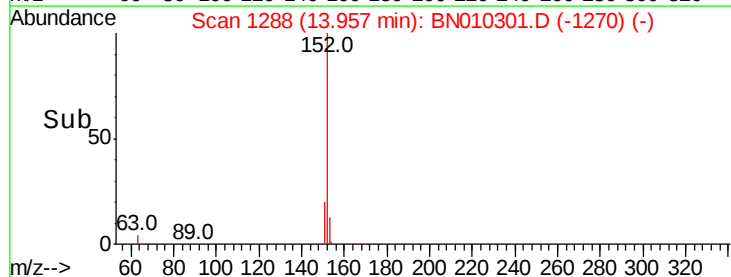
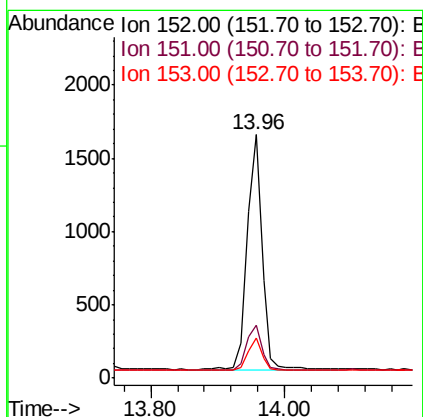
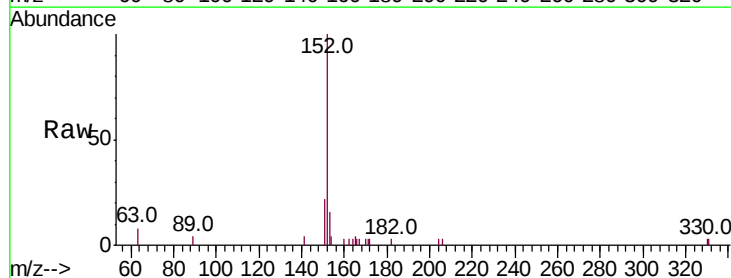
Instrument :
BNA_N
ClientSampleId :

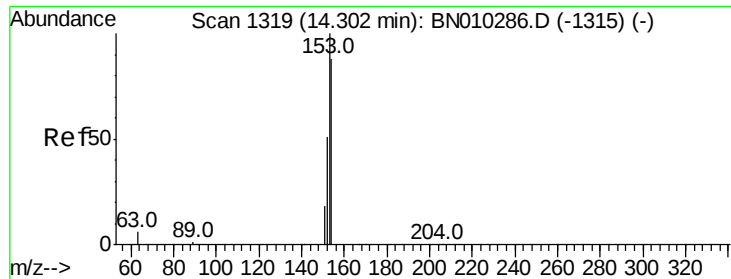
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.6	41.4
170	22.9	18.5	27.7



#16
Acenaphthylene
Concen: 0.076 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.6	23.4
153	13.3	10.6	15.8





#17

Acenaphthene

Concen: 0.079 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

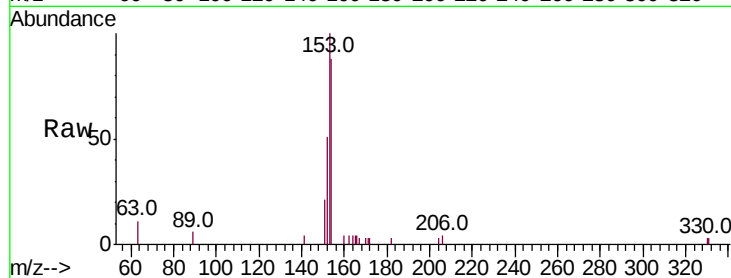
Tot Ion:154 Resp: 1823

Ion Ratio Lower Upper

154 100

153 116.2 88.1 132.1

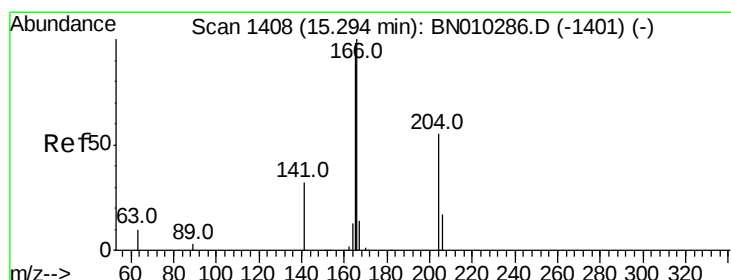
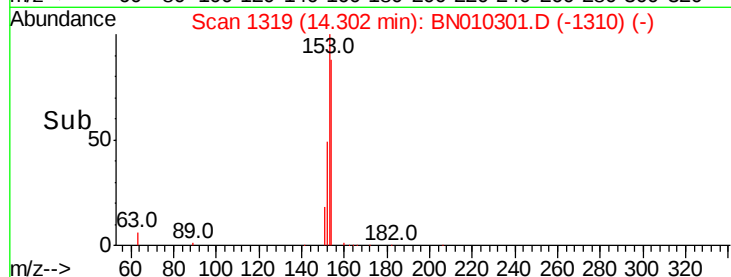
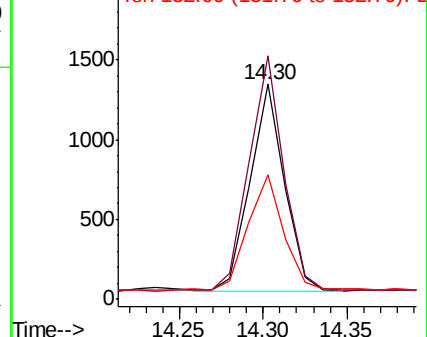
152 57.9 45.5 68.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.079 ng

RT: 15.29 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

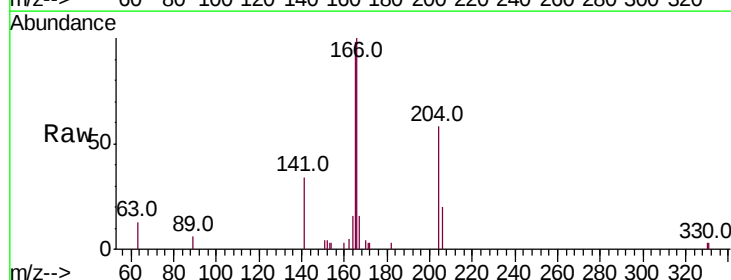
Tgt Ion:166 Resp: 2403

Ion Ratio Lower Upper

166 100

165 100.2 78.7 118.1

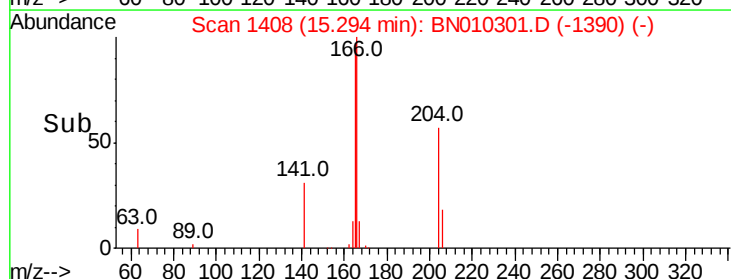
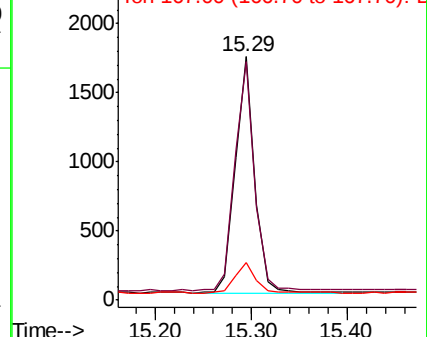
167 13.6 11.0 16.4

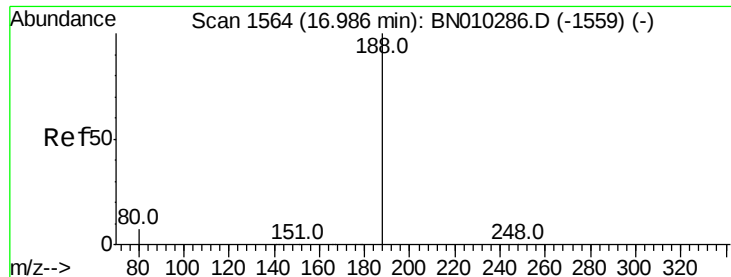


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

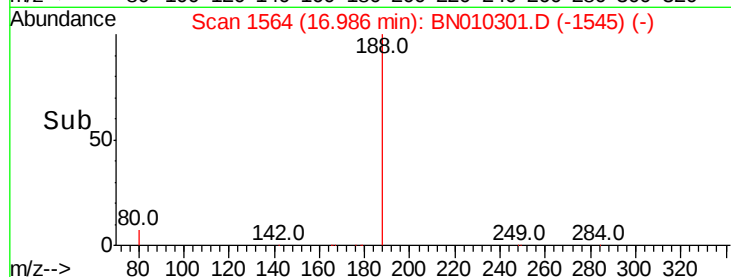
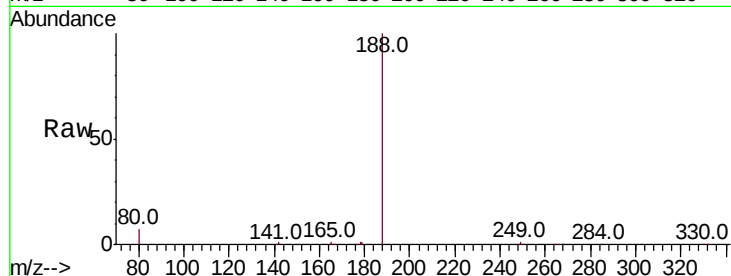
Tot Ion:188 Resp: 19597

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

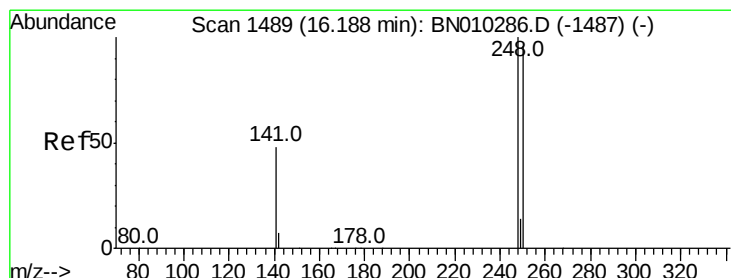
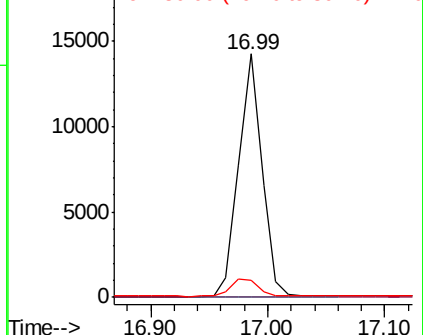
80 7.0 6.0 9.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.076 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

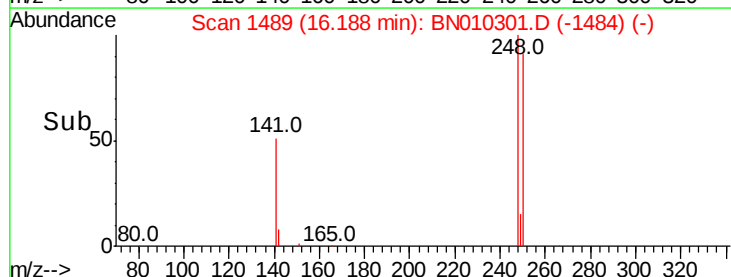
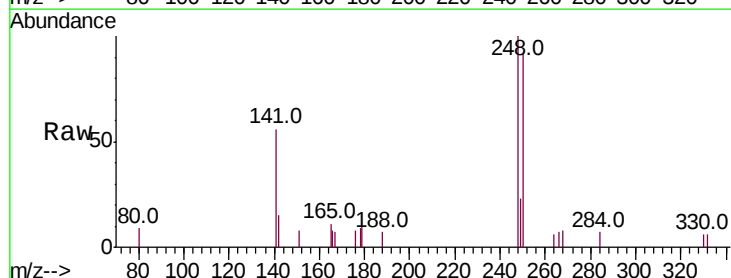
Tgt Ion:248 Resp: 899

Ion Ratio Lower Upper

248 100

250 92.0 76.8 115.2

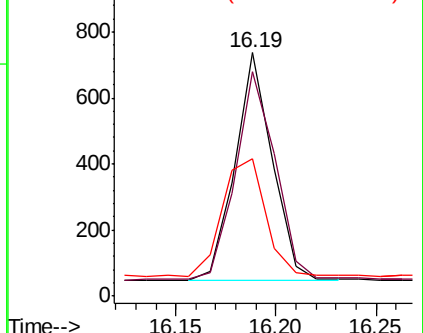
141 56.3 44.4 66.6

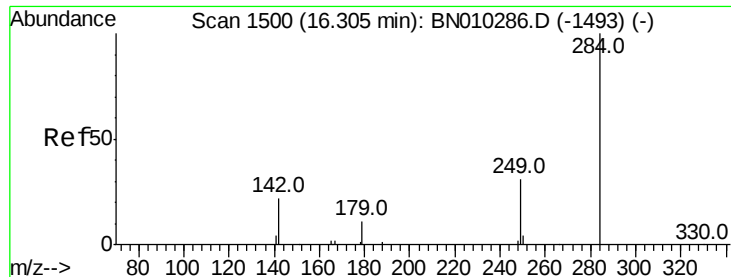


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.082 ng

RT: 16.31 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

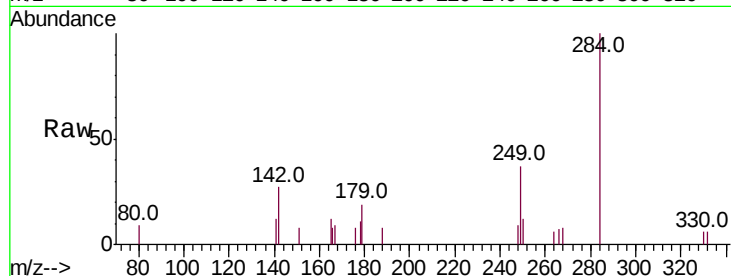
Tot Ion:284 Resp: 1004

Ion Ratio Lower Upper

284 100

142 36.5 27.4 41.2

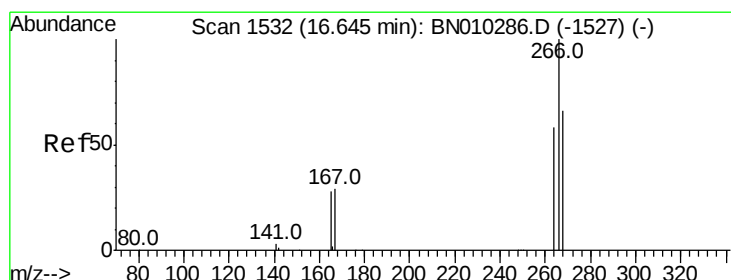
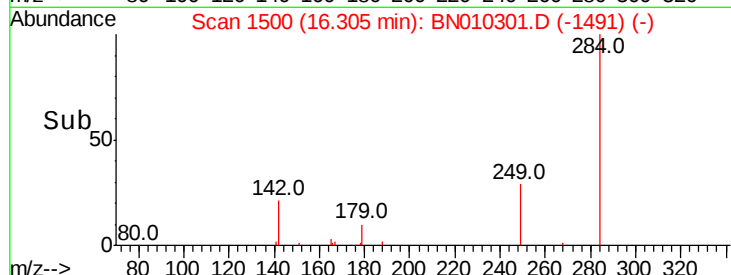
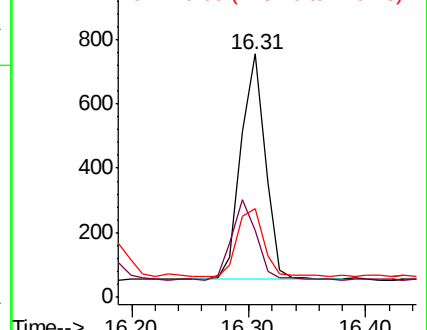
249 33.5 26.5 39.7



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: 0.161 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

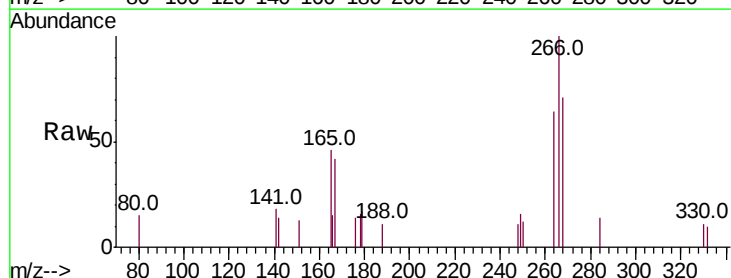
Tgt Ion:266 Resp: 674

Ion Ratio Lower Upper

266 100

264 64.4 47.7 71.5

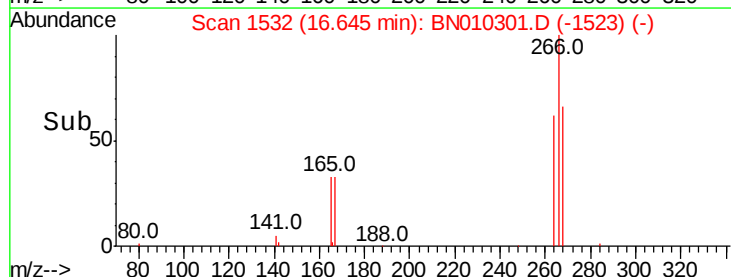
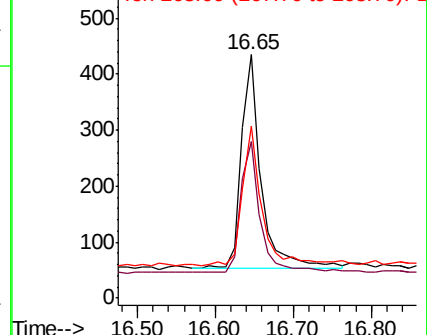
268 70.8 54.9 82.3

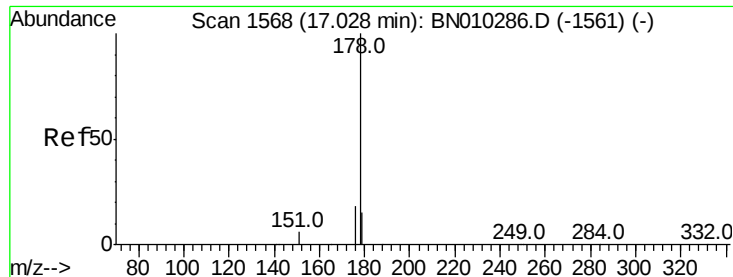


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.081 ng

RT: 17.03 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

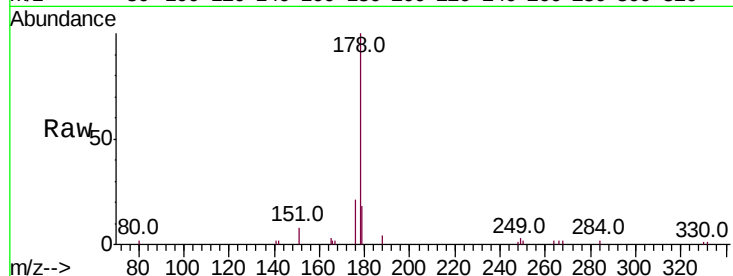
Tot Ion:178 Resp: 4369

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

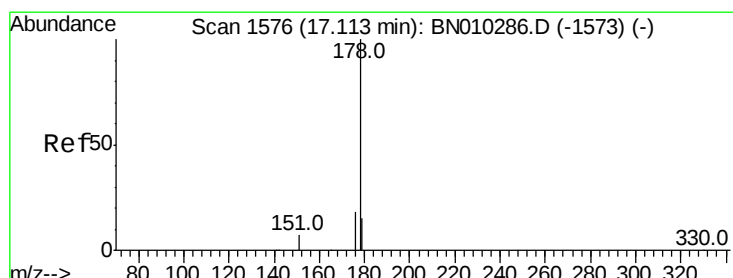
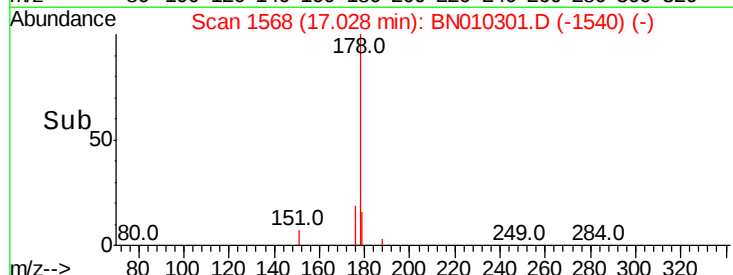
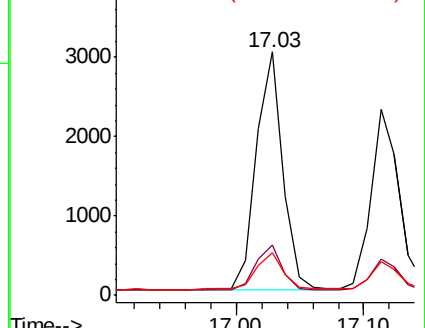
179 16.1 12.4 18.6



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: 0.077 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

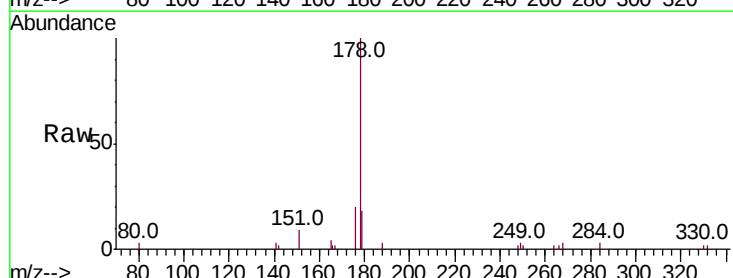
Tgt Ion:178 Resp: 3558

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

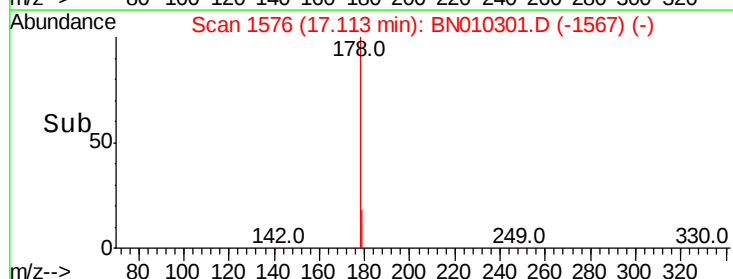
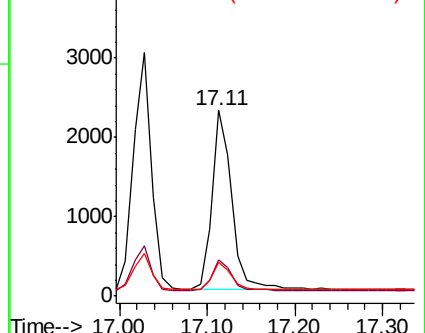
179 14.5 12.3 18.5

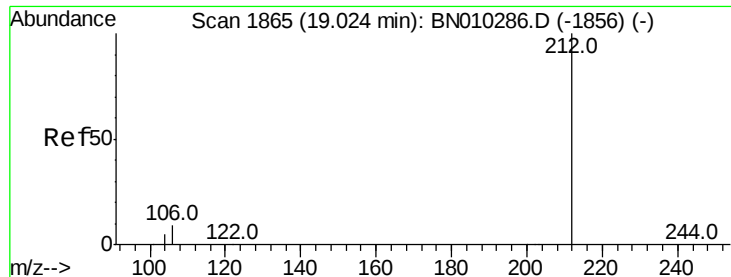


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

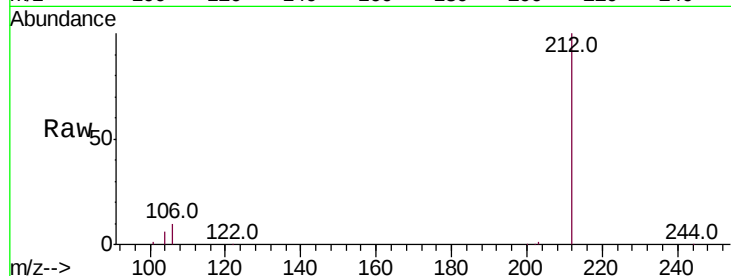
Tot Ion:212 Resp: 19847

Ion Ratio Lower Upper

212 100

106 9.3 7.4 11.2

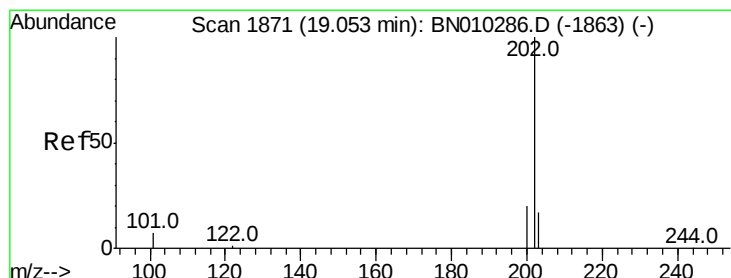
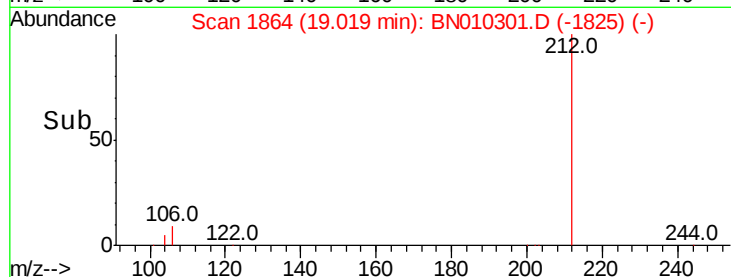
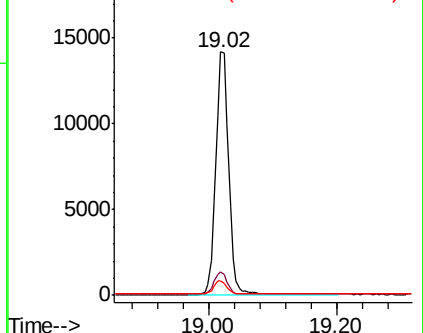
104 5.3 4.2 6.4



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: 0.080 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

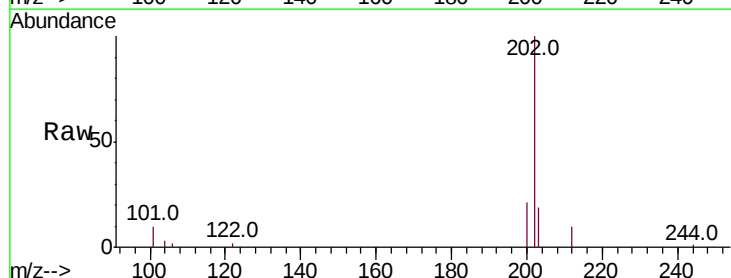
Tgt Ion:202 Resp: 5284

Ion Ratio Lower Upper

202 100

101 8.5 6.6 9.8

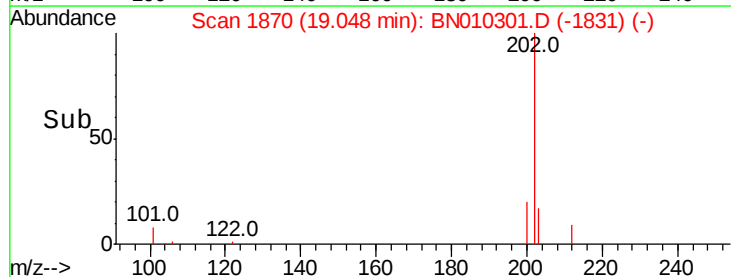
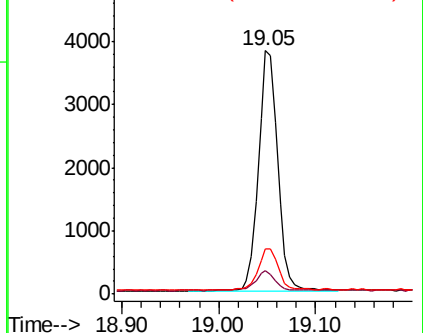
203 17.3 13.8 20.8

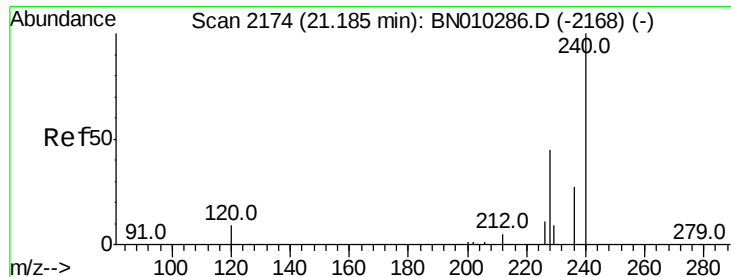


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

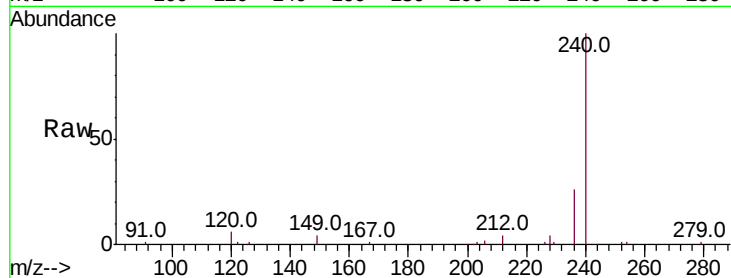
Tot Ion:240 Resp: 21042

Ion Ratio Lower Upper

240 100

120 6.1 7.9 11.9#

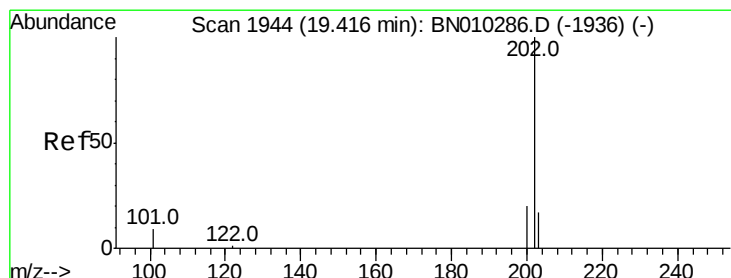
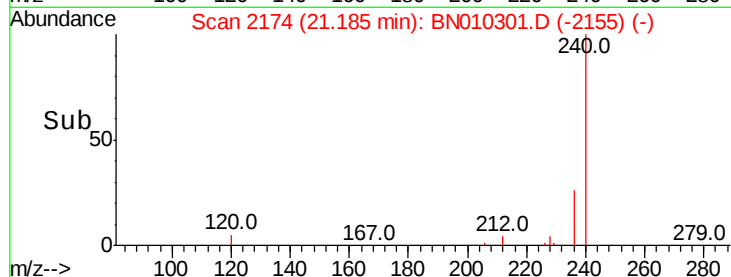
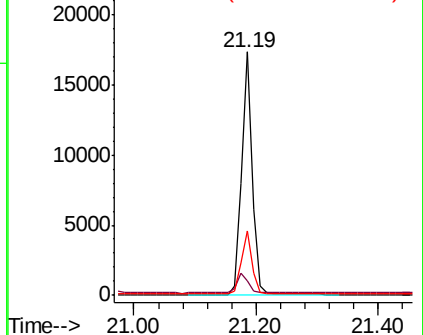
236 26.5 22.2 33.4



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: 0.079 ng

RT: 19.41 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

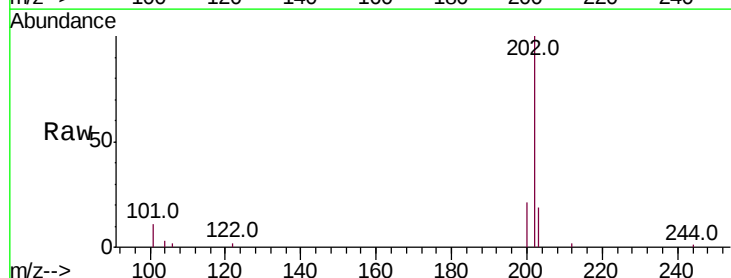
Tgt Ion:202 Resp: 5196

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

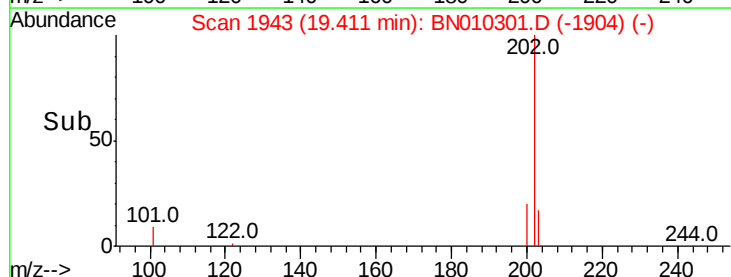
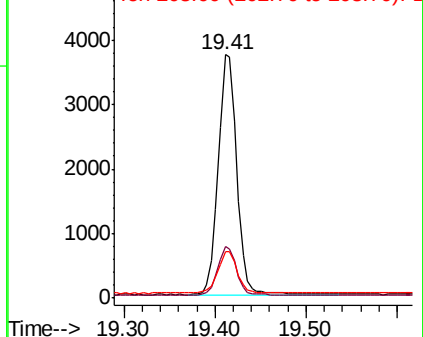
203 18.1 14.2 21.2

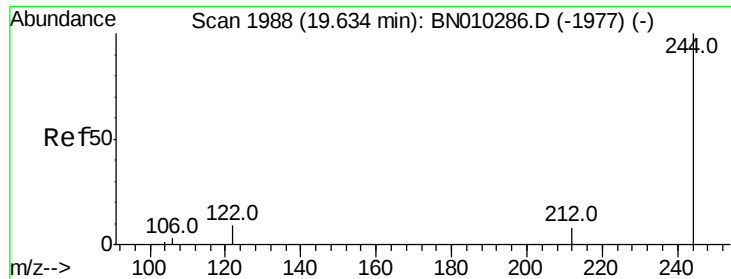


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.382 ng

RT: 19.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

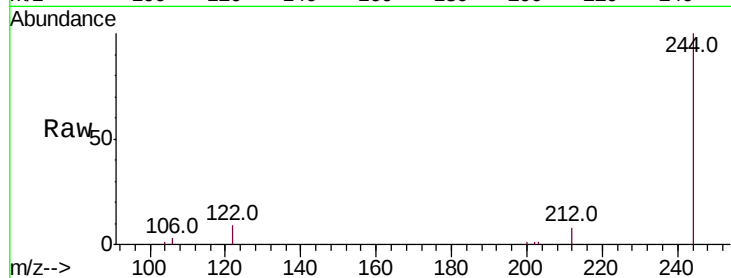
Tot Ion:244 Resp: 17383

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

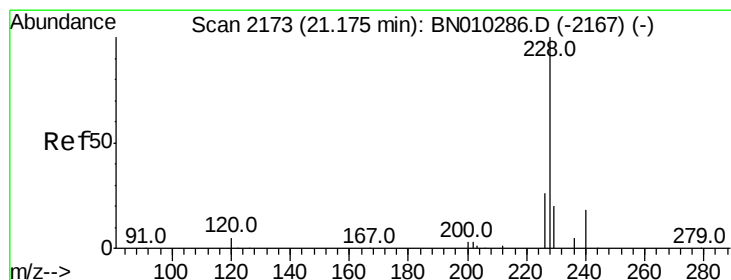
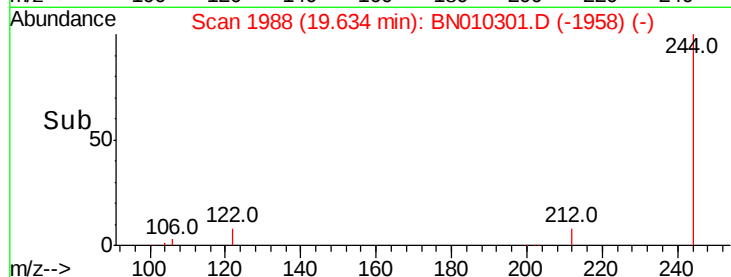
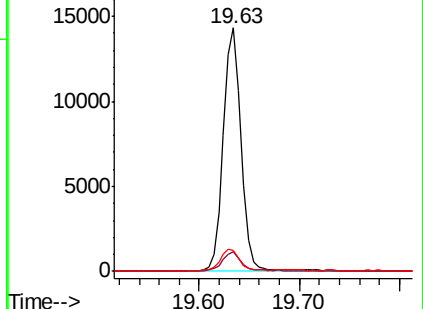
122 8.7 7.6 11.4



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: 0.081 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

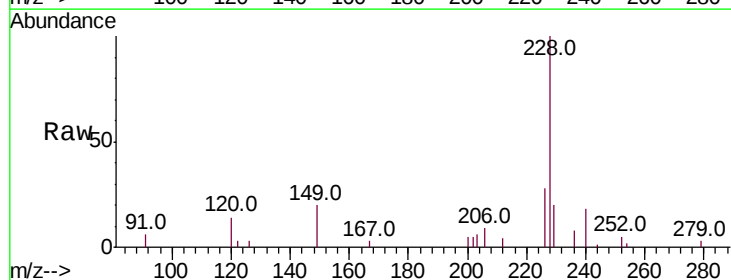
Tgt Ion:228 Resp: 5412

Ion Ratio Lower Upper

228 100

226 27.9 21.0 31.4

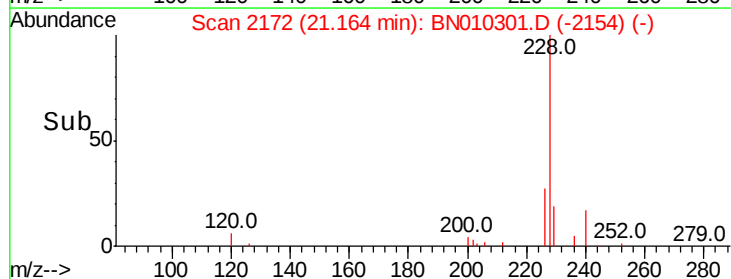
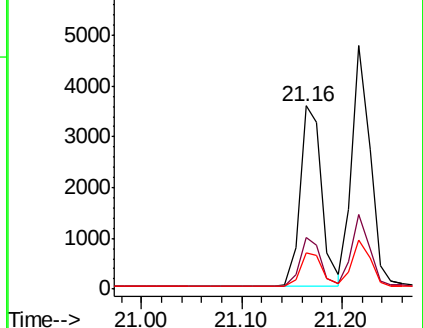
229 20.0 16.0 24.0

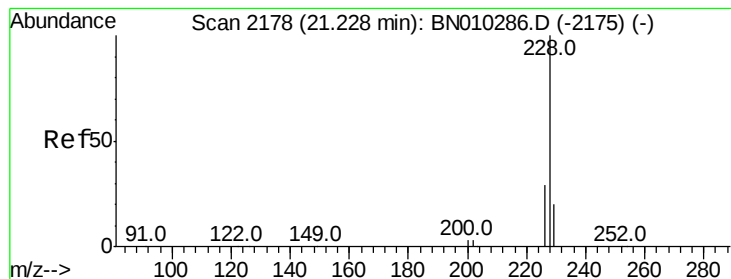


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.084 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

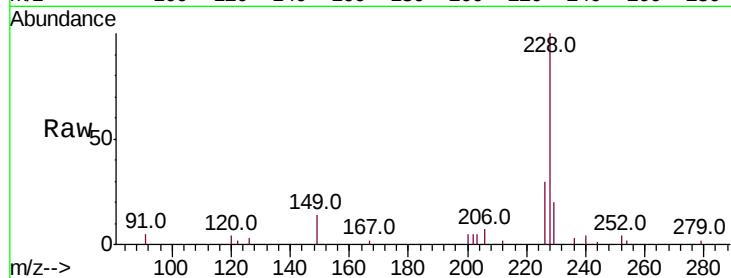
Tot Ion:228 Resp: 6043

Ion Ratio Lower Upper

228 100

226 30.5 23.0 34.6

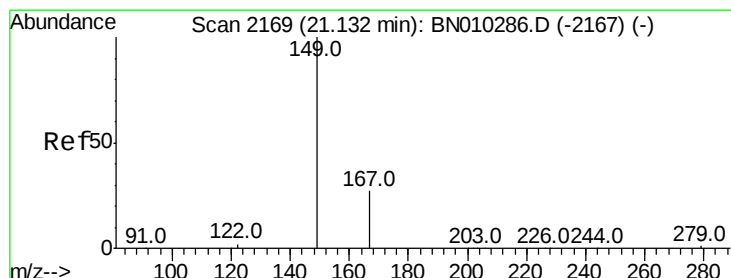
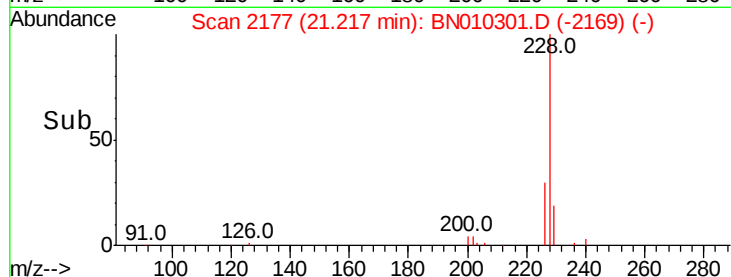
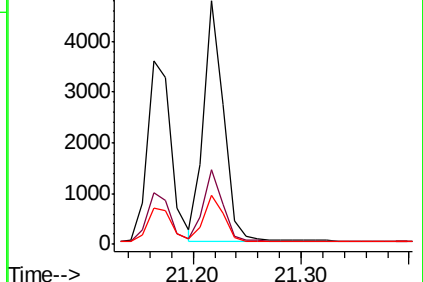
229 20.3 16.0 24.0



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: 0.078 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

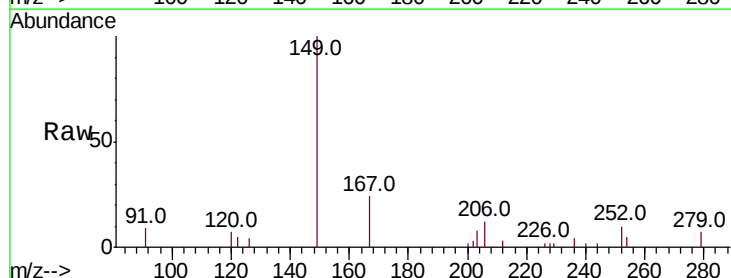
Tgt Ion:149 Resp: 1768

Ion Ratio Lower Upper

149 100

167 27.5 23.0 34.6

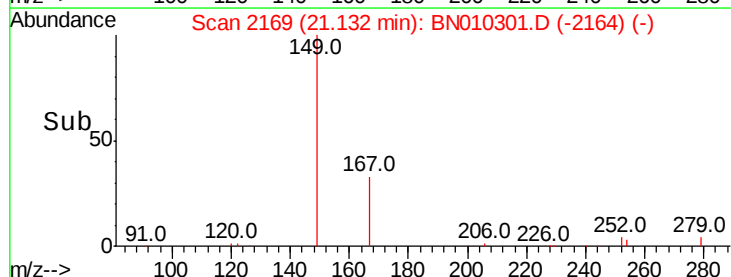
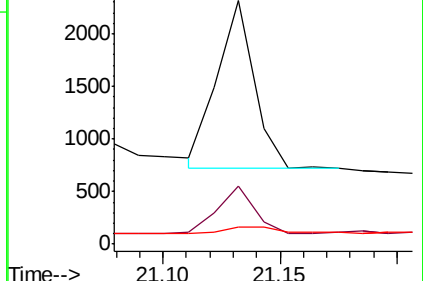
279 6.2 3.8 5.8#

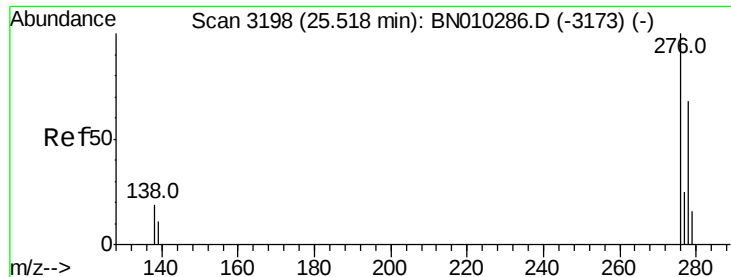


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.089 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

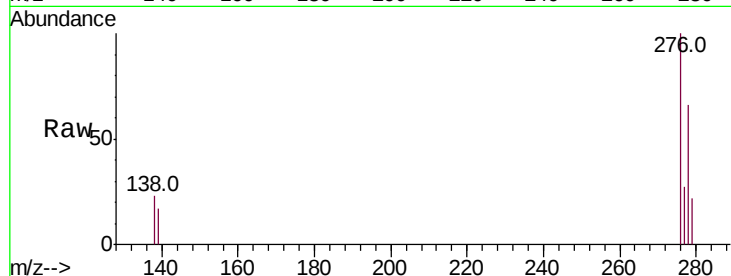
Tot Ion:276 Resp: 6882

Ion Ratio Lower Upper

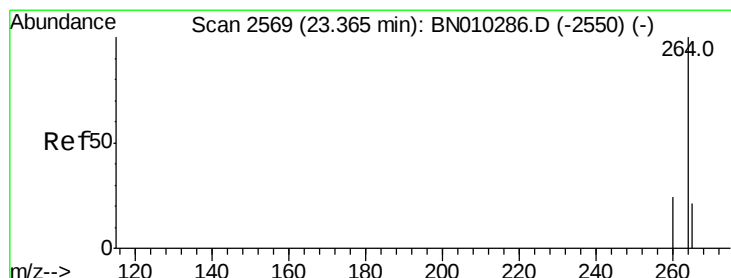
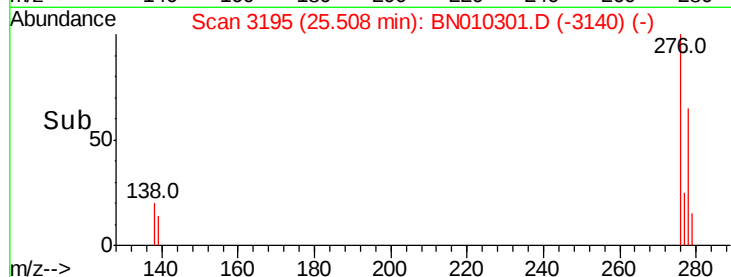
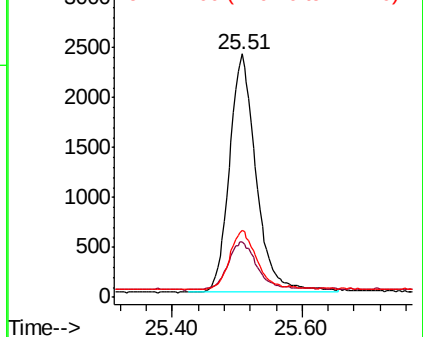
276 100

138 22.2 15.6 23.4

277 24.4 20.1 30.1



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: 23.36 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

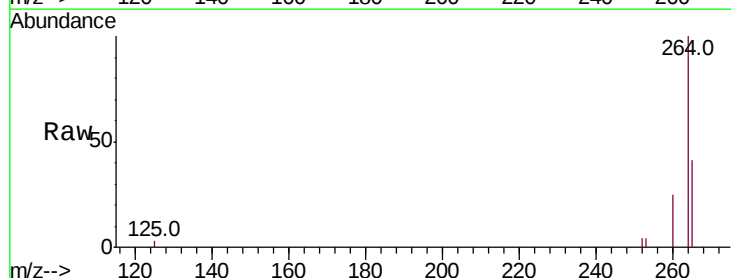
Tgt Ion:264 Resp: 22359

Ion Ratio Lower Upper

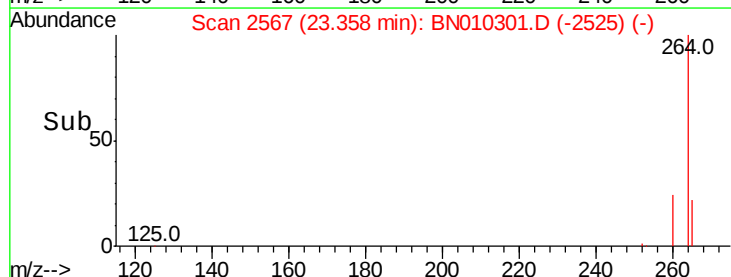
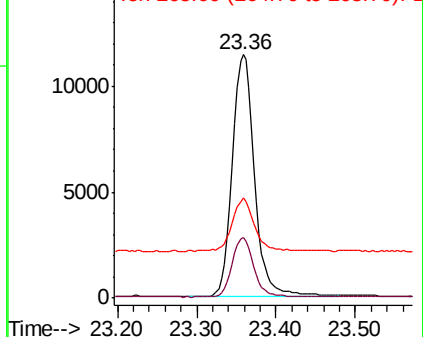
264 100

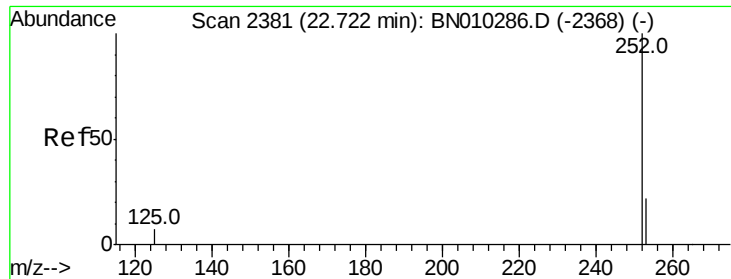
260 24.7 19.5 29.3

265 41.3 32.4 48.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

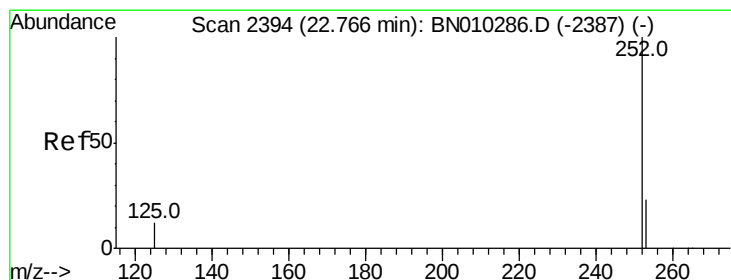
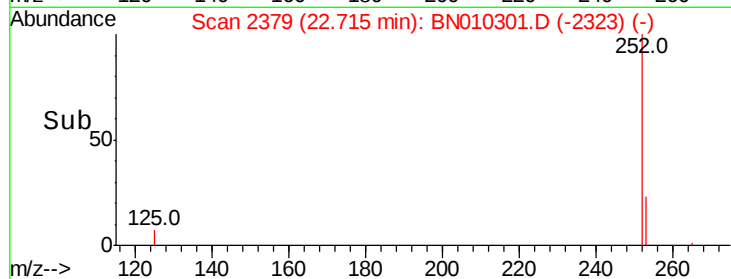
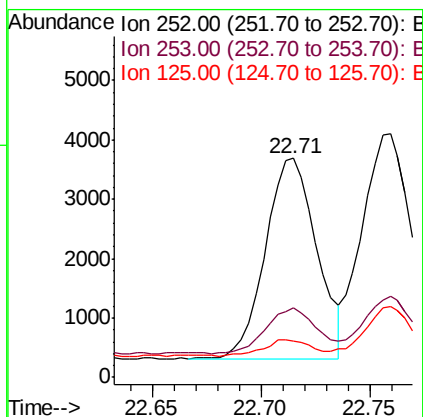
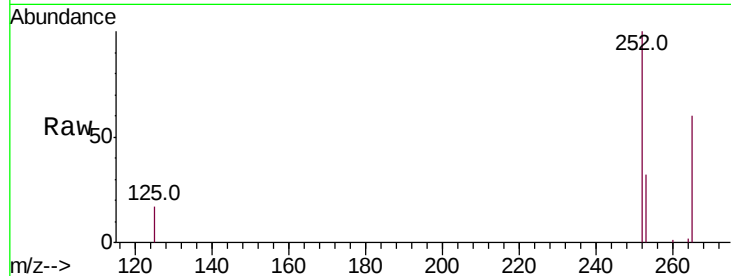




#35
Benzo(b)fluoranthene
Concen: 0.073 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

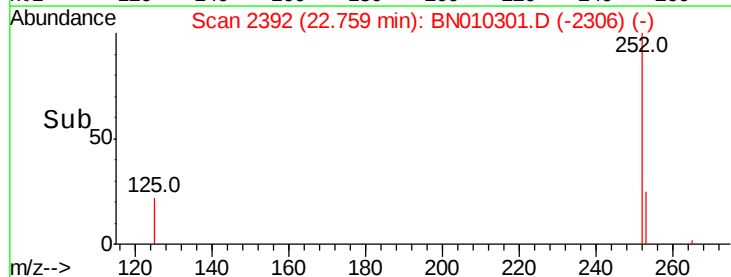
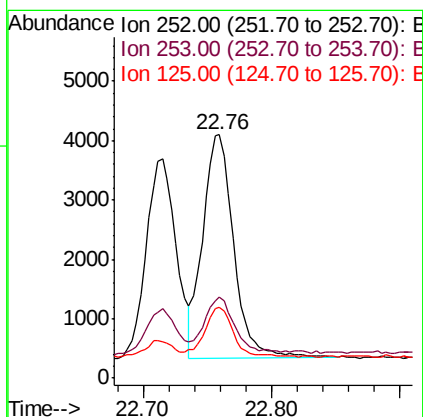
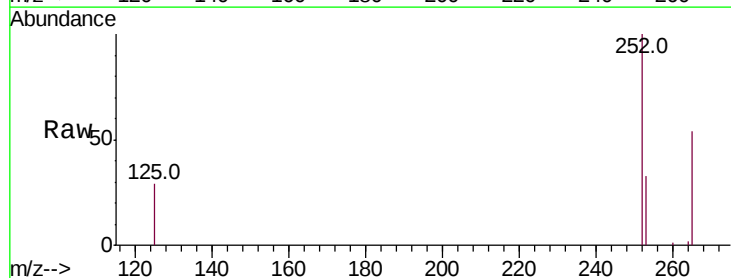
Instrument :
BNA_N
ClientSampleId :

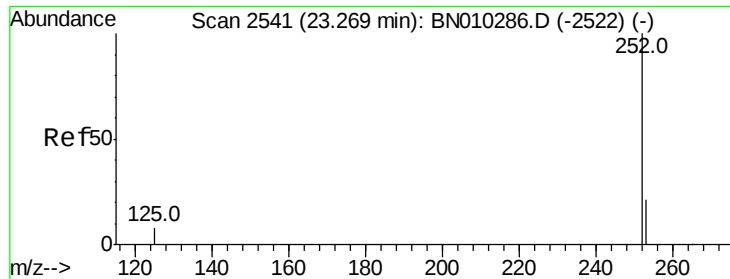
Tot Ion:252 Resp: 5547
Ion Ratio Lower Upper
252 100
253 31.9 19.2 28.8#
125 16.7 7.4 11.0#



#36
Benzo(k)fluoranthene
Concen: 0.082 ng
RT: 22.76 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN010301.D
Acq: 19 Mar 2020 22:51

Tgt Ion:252 Resp: 6338
Ion Ratio Lower Upper
252 100
253 33.2 19.4 29.0#
125 29.1 10.2 15.2#





#37

Benzo(a)pyrene

Concen: 0.070 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :

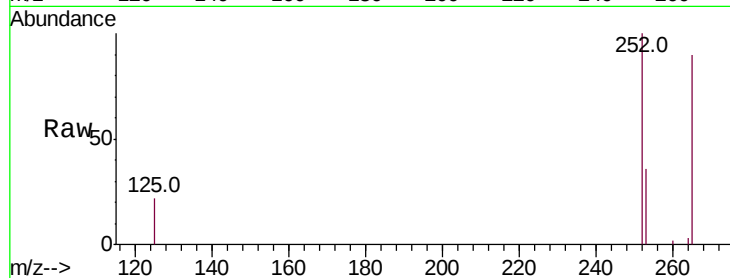
Tot Ion:252 Resp: 4467

Ion Ratio Lower Upper

252 100

253 36.3 19.9 29.9#

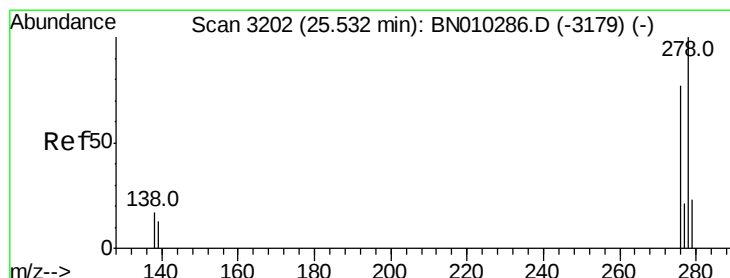
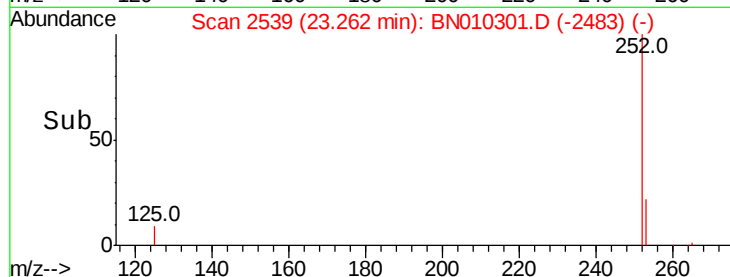
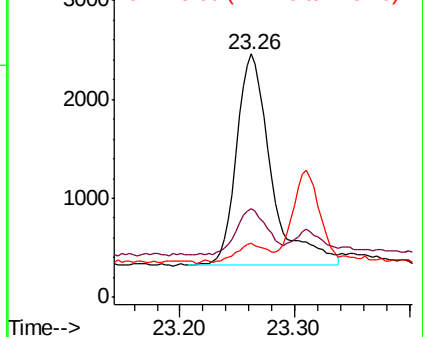
125 22.4 8.9 13.3#



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: 0.082 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

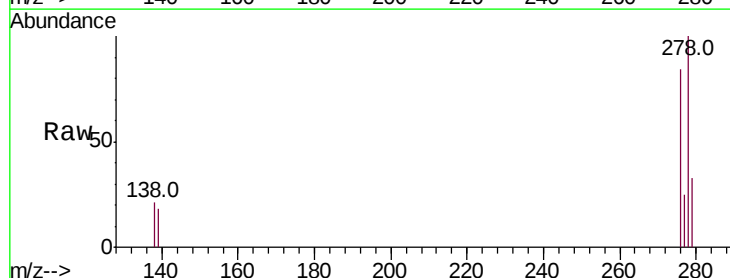
Tgt Ion:278 Resp: 5689

Ion Ratio Lower Upper

278 100

139 17.7 10.6 16.0#

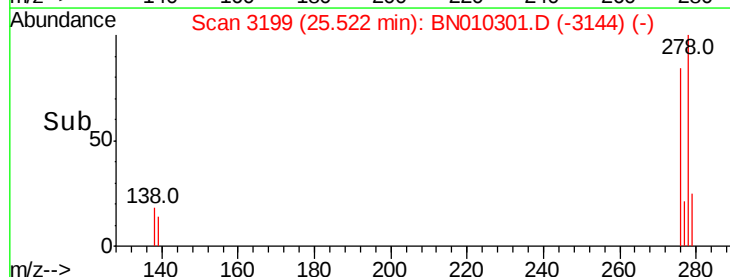
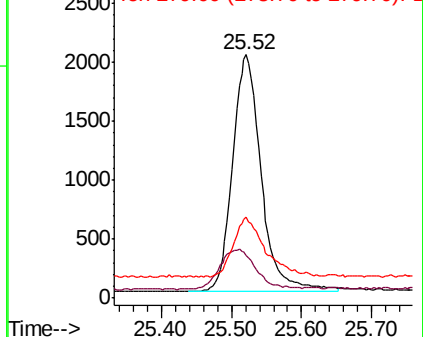
279 33.2 19.8 29.6#

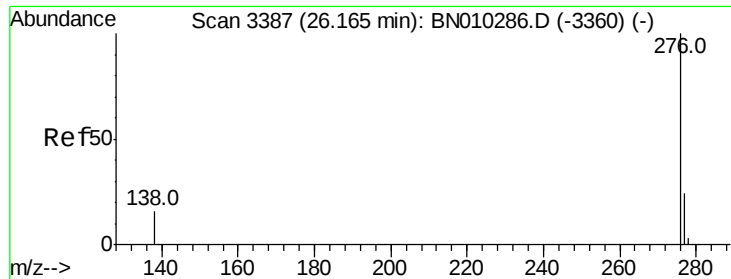


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.079 ng

RT: 26.15 min Scan# 3384

Delta R.T. -0.01 min

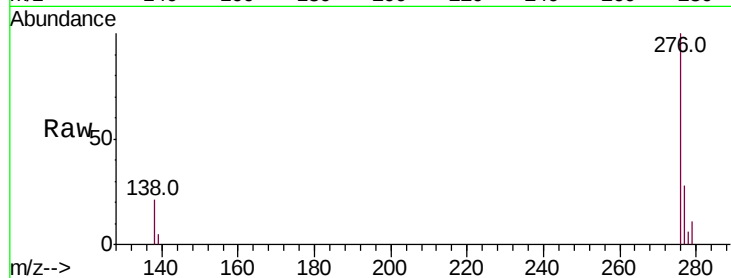
Lab File: BN010301.D

Acq: 19 Mar 2020 22:51

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 5497

Ion Ratio Lower Upper

276 100

277 28.2 19.6 29.4

138 20.6 13.3 19.9#

