

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010496.D
 Acq On : 15 Apr 2020 02:18
 Operator : CG/JU
 Sample : L2178-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 15 03:02:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4204	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	17319	0.40	ng	-0.01
13) Acenaphthene-d10	14.22	164	11891	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	27183	0.40	ng	0.00
27) Chrysene-d12	21.17	240	26353	0.40	ng	-0.01
34) Perylene-d12	23.34	264	23104	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2253	0.24	ng	0.00
5) Phenol-d6	6.79	99	1777	0.15	ng	0.00
8) Nitrobenzene-d5	8.73	82	9387	0.78	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	11363	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	2763	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	33515	0.77	ng	0.00
25) Fluoranthene-d10	19.01	212	32518	0.39	ng	0.00
29) Terphenyl-d14	19.62	244	48975	0.81	ng	0.00

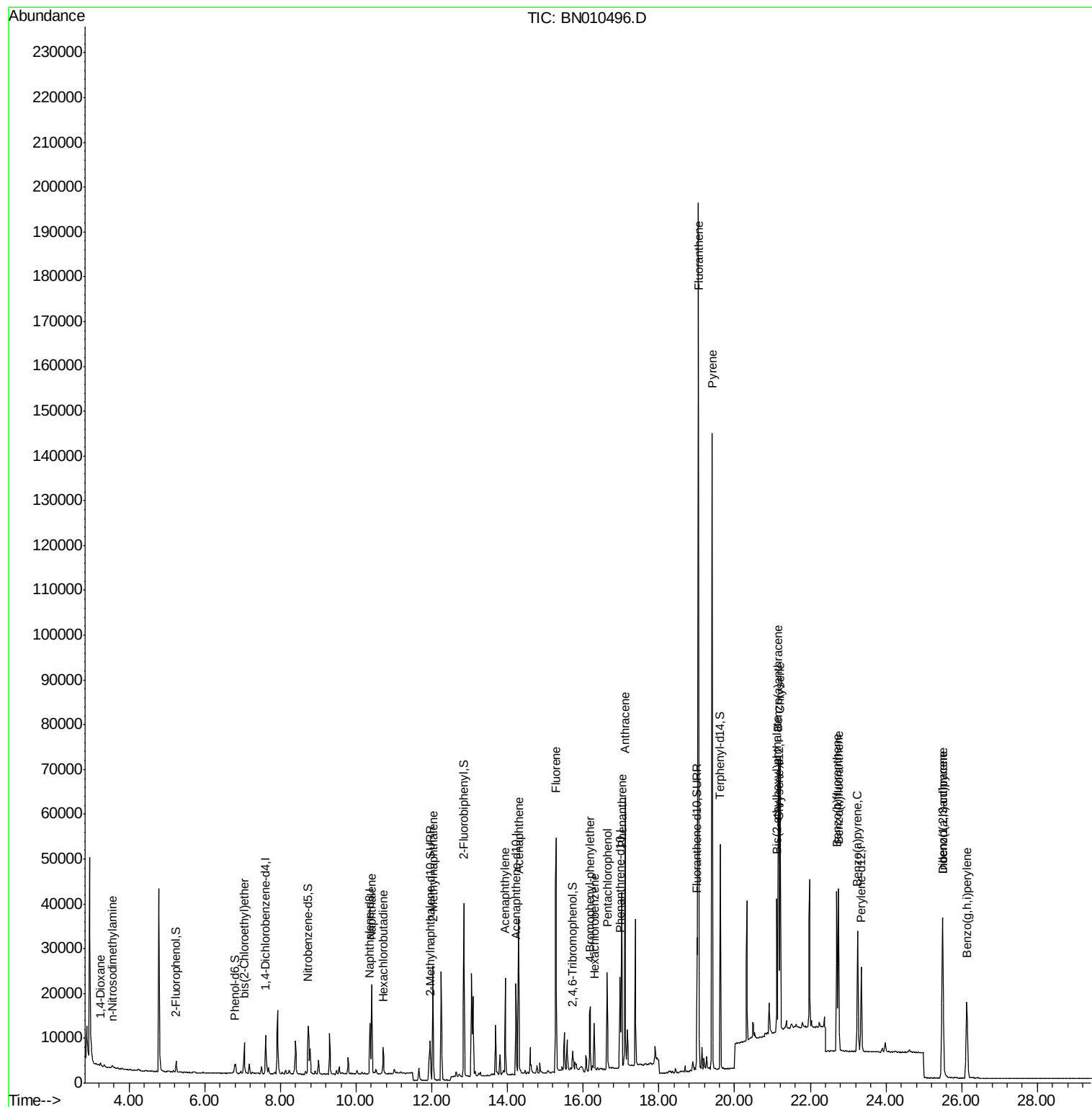
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	552	0.178	ng	# 74
3) n-Nitrosodimethylamine	3.55	42	454	0.226	ng	# 87
6) bis(2-Chloroethyl)ether	7.04	93	5815	0.558	ng	98
9) Naphthalene	10.41	128	25616	0.596	ng	99
10) Hexachlorobutadiene	10.71	225	4826	0.466	ng	# 99
12) 2-Methylnaphthalene	12.03	142	17574	0.569	ng	99
16) Acenaphthylene	13.93	152	27377	0.533	ng	100
17) Acenaphthene	14.29	154	19639	0.595	ng	95
18) Fluorene	15.28	166	25121	0.581	ng	97
20) 4-Bromophenyl-phenylether	16.18	248	7733	0.512	ng	96
21) Hexachlorobenzene	16.29	284	8601	0.499	ng	99
22) Pentachlorophenol	16.63	266	10782	1.590	ng	98
23) Phenanthrene	17.02	178	42748	0.582	ng	100
24) Anthracene	17.10	178	60497	0.901	ng	98
26) Fluoranthene	19.04	202	174882	1.914	ng	100
28) Pyrene	19.41	202	131173	1.479	ng	100
30) Benzo(a)anthracene	21.15	228	51224	0.596	ng	98
31) Chrysene	21.21	228	49338	0.576	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	27519	0.624	ng	99
33) Indeno(1,2,3-cd)pyrene	25.49	276	40346	0.533	ng	99
35) Benzo(b)fluoranthene	22.70	252	42558	0.559	ng	99
36) Benzo(k)fluoranthene	22.75	252	43570	0.572	ng	99
37) Benzo(a)pyrene	23.25	252	38461	0.571	ng	97
38) Dibenzo(a,h)anthracene	25.50	278	33807	0.549	ng	98
39) Benzo(g,h,i)perylene	26.14	276	34012	0.549	ng	99

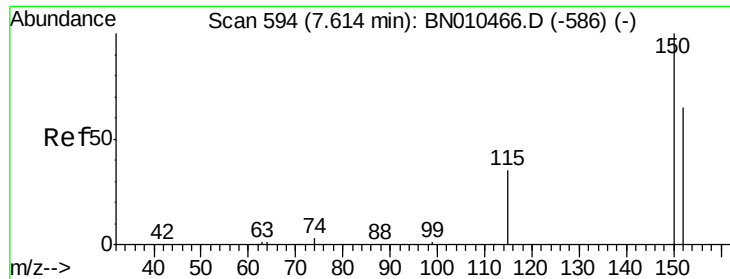
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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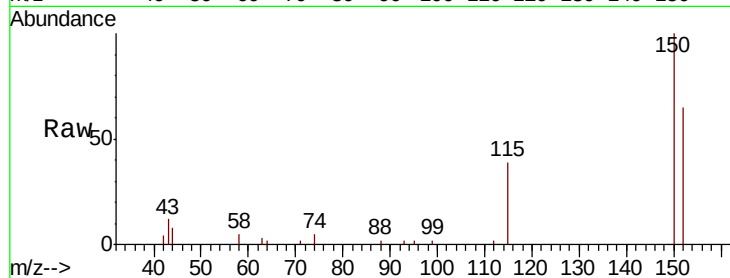


#1

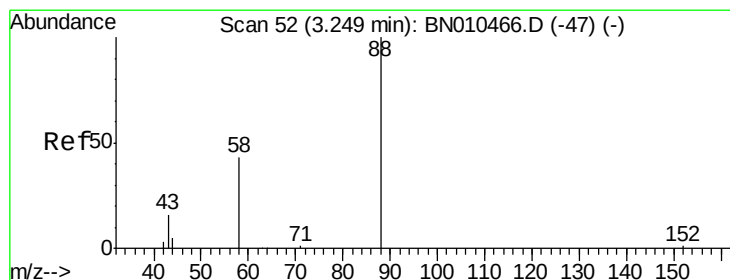
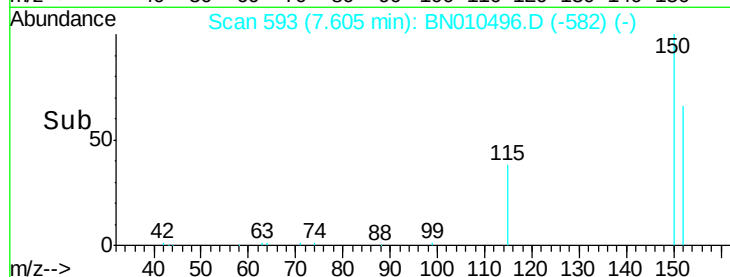
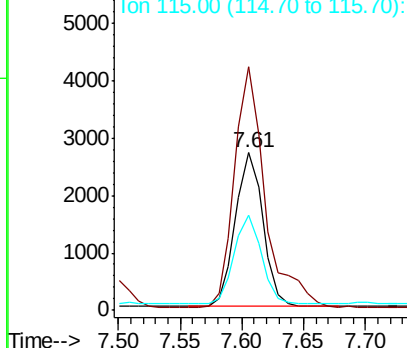
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010496.D
Acq: 15 Apr 2020 02:18

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 4204
Ion Ratio Lower Upper
152 100
150 154.6 121.8 182.6
115 60.3 45.5 68.3



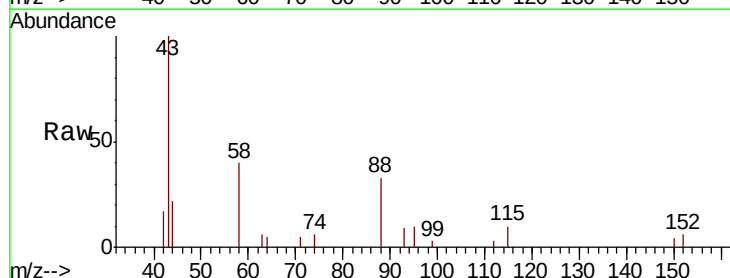
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



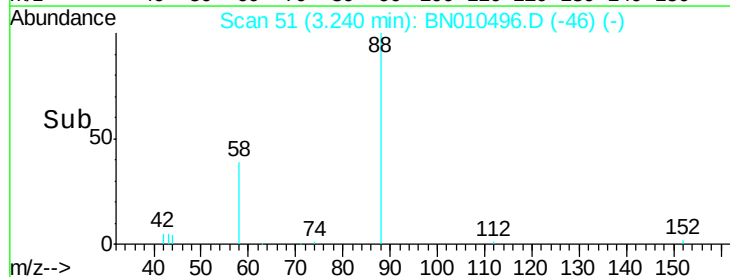
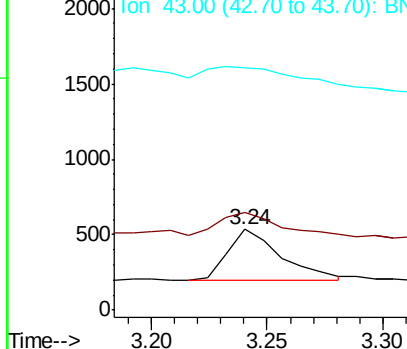
#2

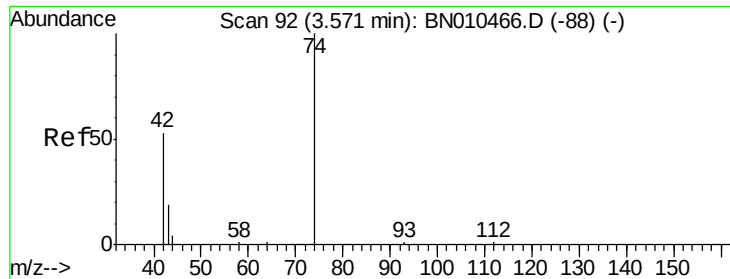
1,4-Dioxane
Concen: 0.178 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010496.D
Acq: 15 Apr 2020 02:18

Tgt Ion: 88 Resp: 552
Ion Ratio Lower Upper
88 100
58 50.2 36.5 54.7
43 50.7 13.2 19.8#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.226 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.02 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

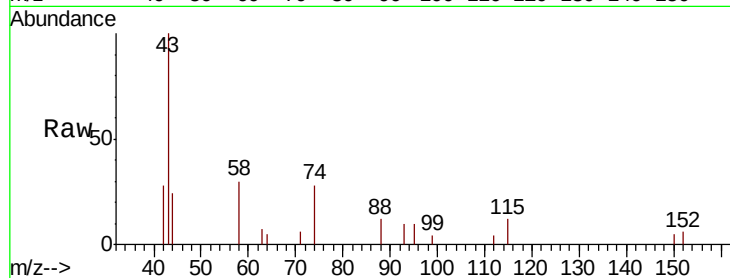
Tot Ion: 42 Resp: 454

Ion Ratio Lower Upper

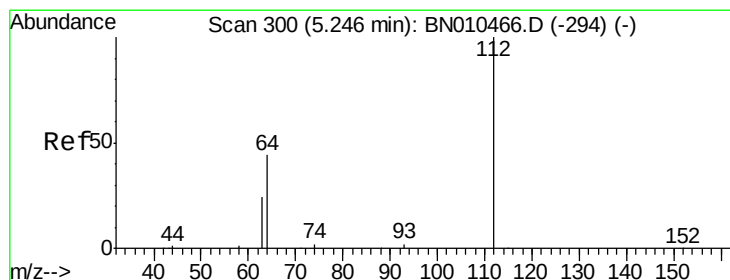
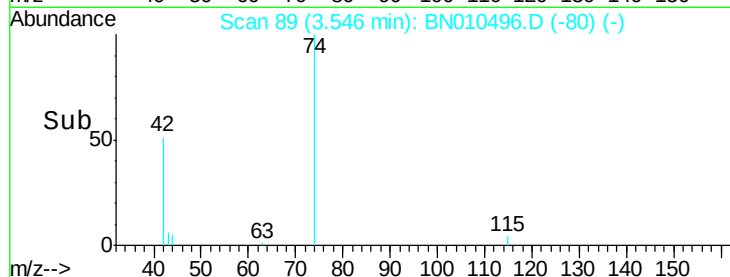
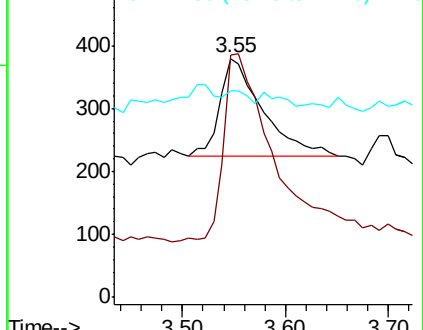
42 100

74 222.7 162.2 243.4

44 5.9 2.4 3.6#



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: 0.245 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

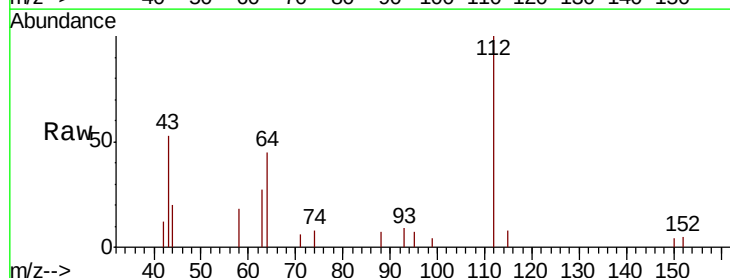
Tgt Ion: 112 Resp: 2253

Ion Ratio Lower Upper

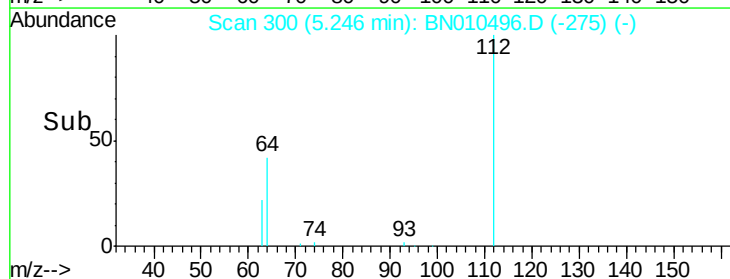
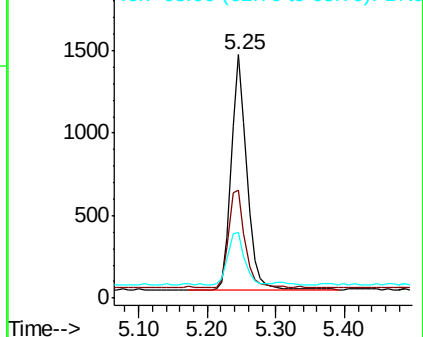
112 100

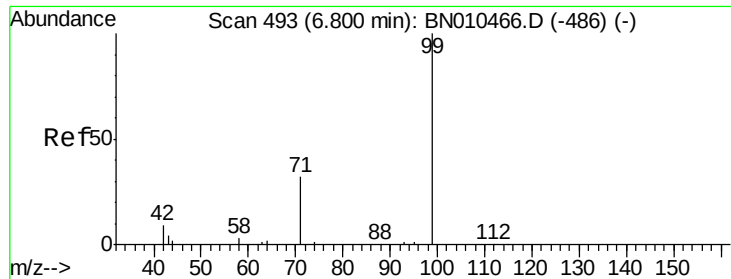
64 44.3 35.8 53.8

63 24.1 19.9 29.9



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: 0.148 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampled :

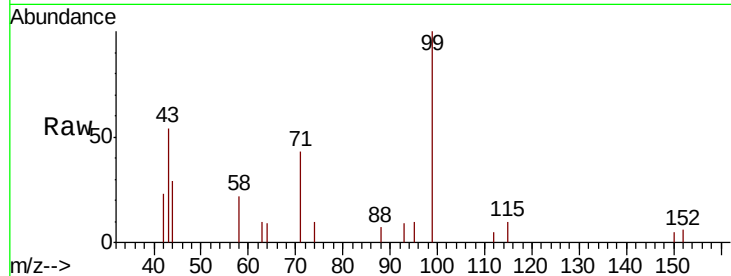
Tot Ion: 99 Resp: 1777

Ion Ratio Lower Upper

99 100

42 19.4 9.8 14.6#

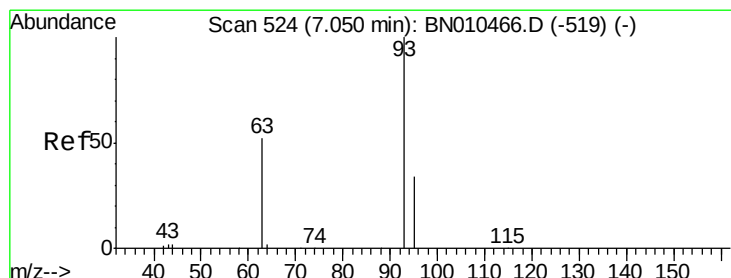
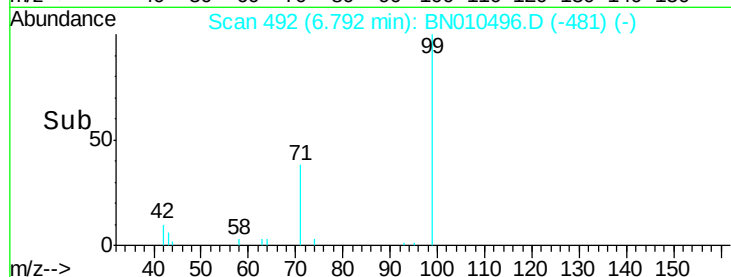
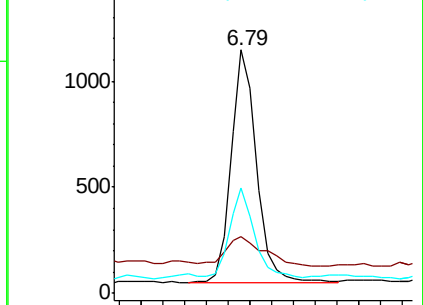
71 38.5 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010496.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010496.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010496.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.558 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

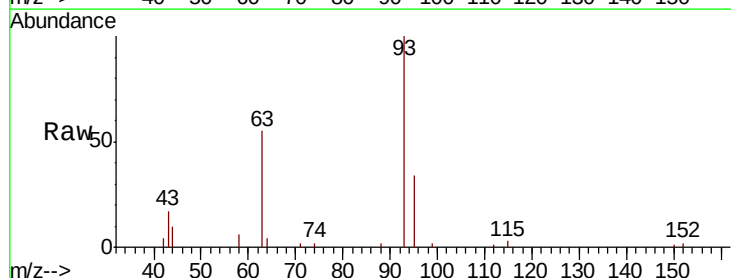
Tgt Ion: 93 Resp: 5815

Ion Ratio Lower Upper

93 100

63 57.6 44.6 66.8

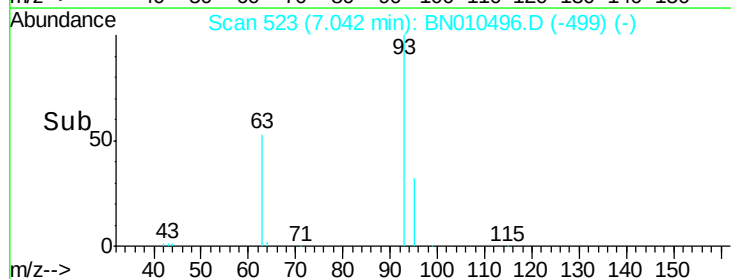
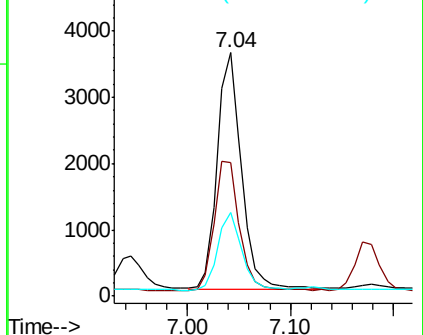
95 32.7 26.5 39.7

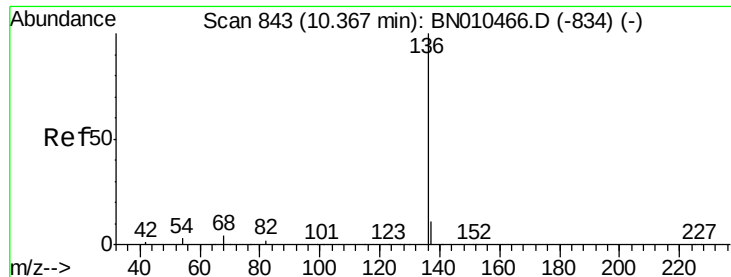


Abundance Ion 93.00 (92.70 to 93.70): BN010496.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010496.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010496.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 17319

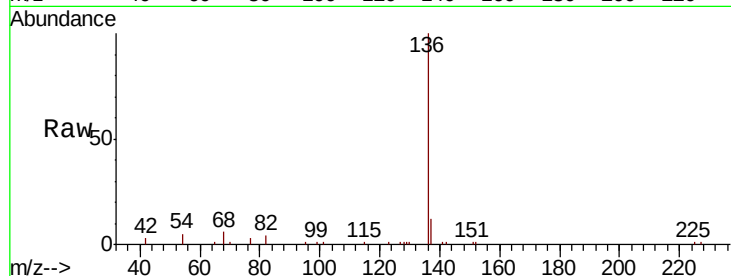
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 5.3 2.6 4.0#

68 6.3 3.4 5.2#

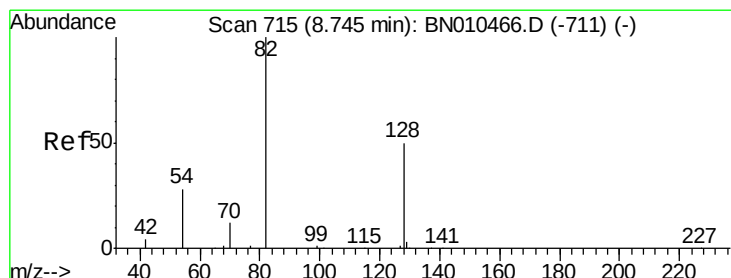
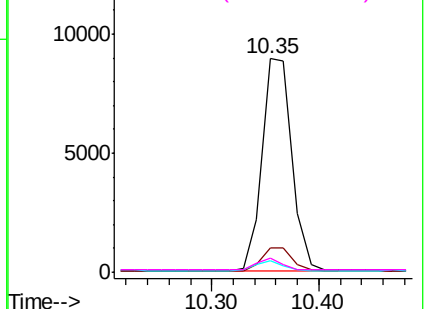
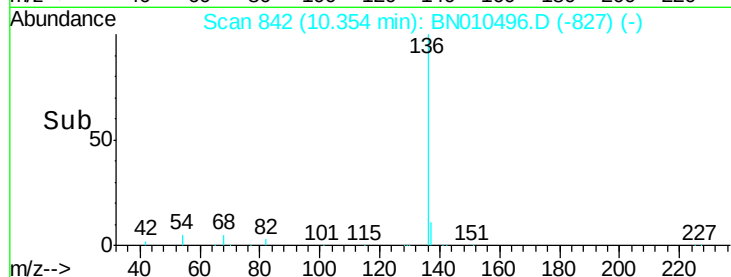


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.775 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

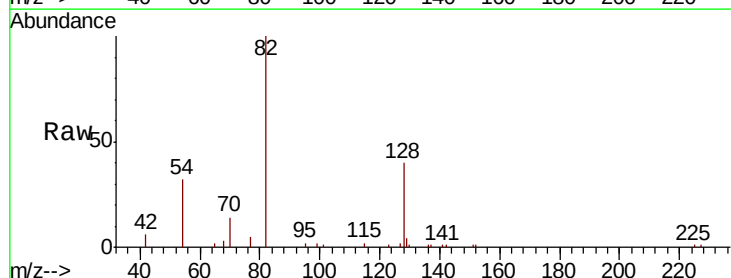
Tgt Ion: 82 Resp: 9387

Ion Ratio Lower Upper

82 100

128 40.3 41.3 61.9#

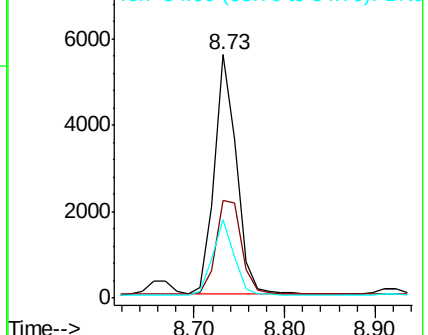
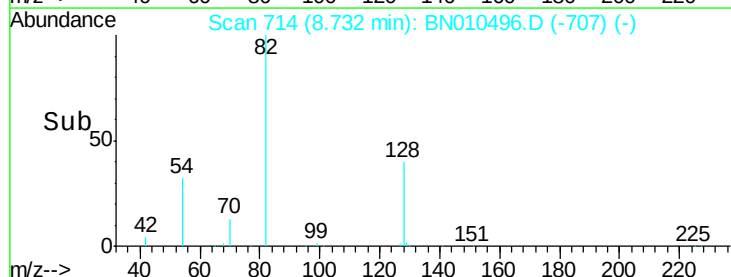
54 32.4 23.4 35.0

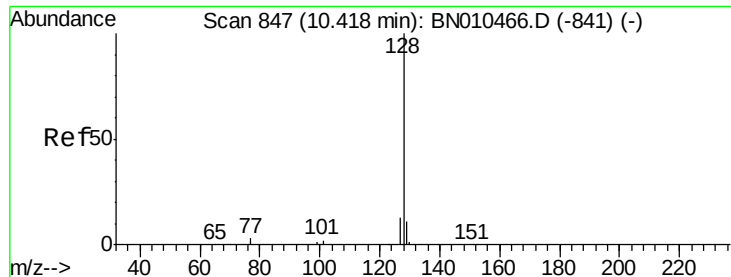


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.596 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

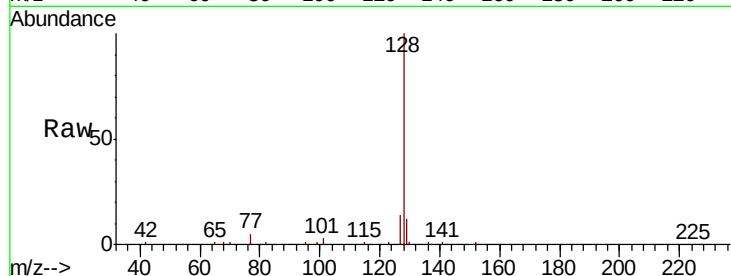
Tot Ion:128 Resp: 25616

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

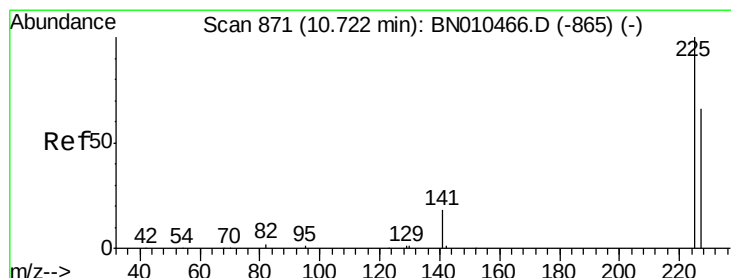
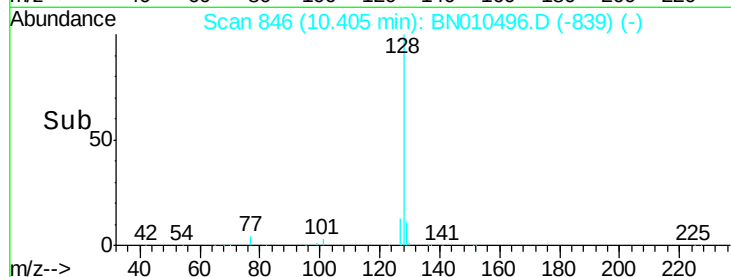
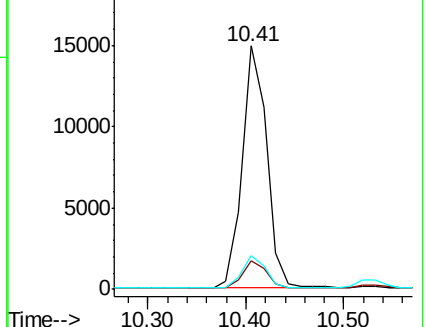
127 13.7 10.5 15.7



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: 0.466 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

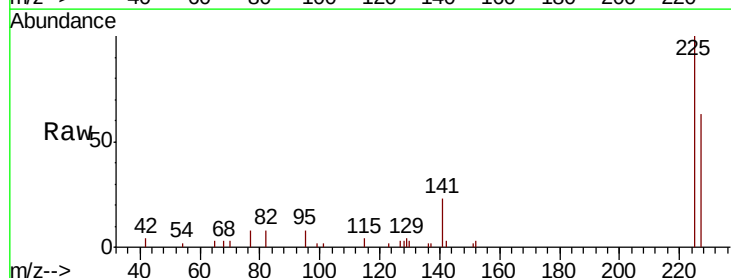
Tgt Ion:225 Resp: 4826

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

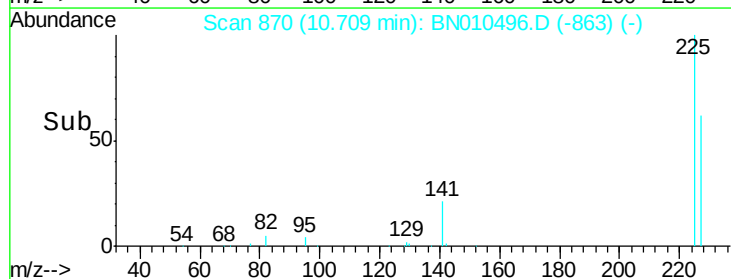
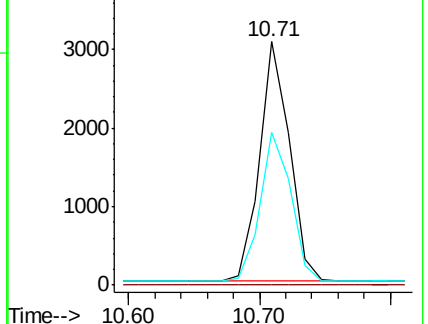
227 64.2 50.6 76.0

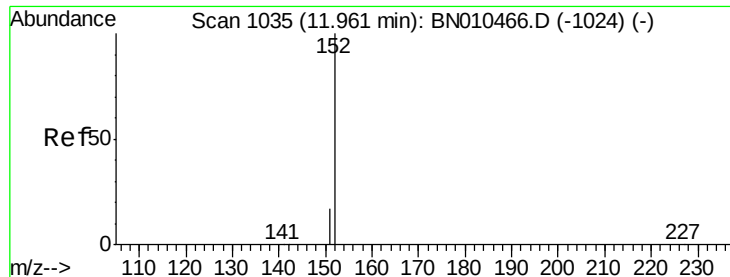


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

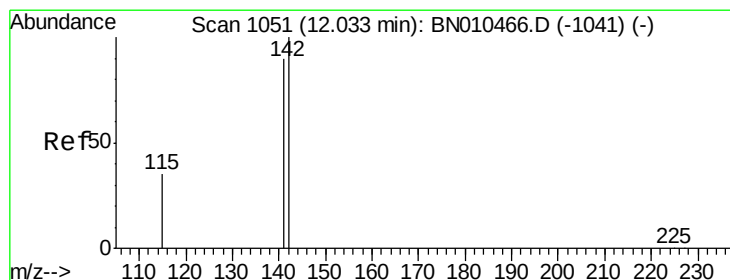
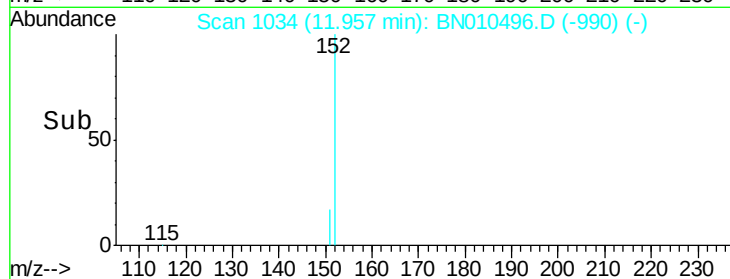
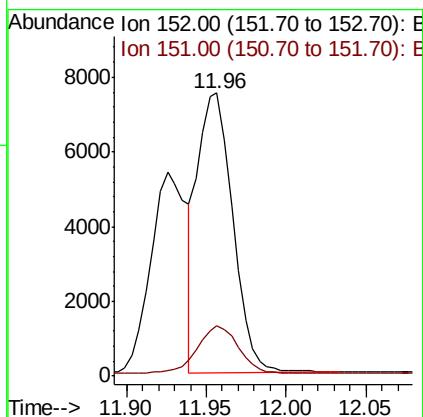
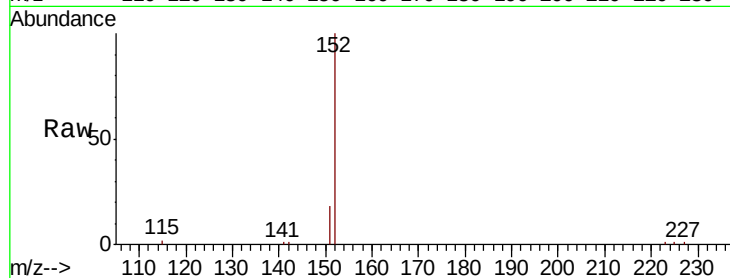




#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010496.D
Acq: 15 Apr 2020 02:18

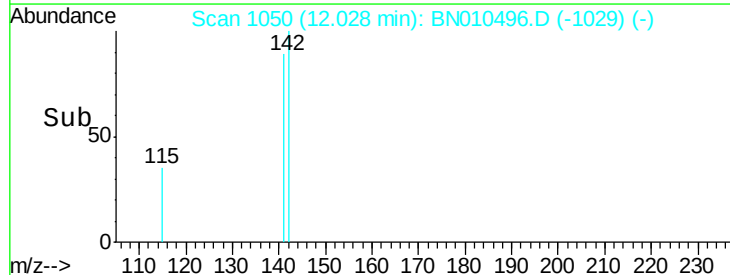
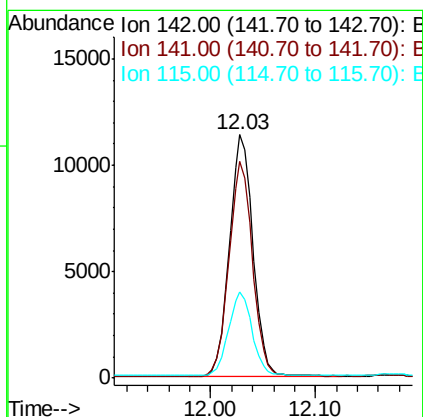
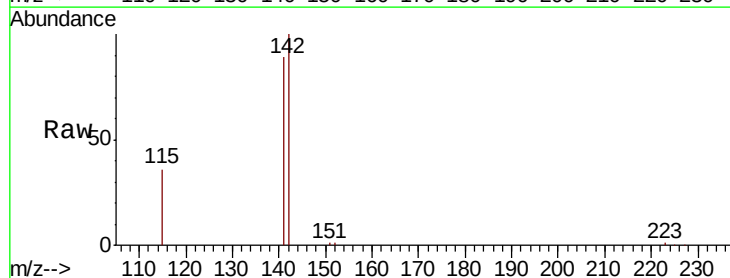
Instrument :
BNA_N
ClientSampleId :

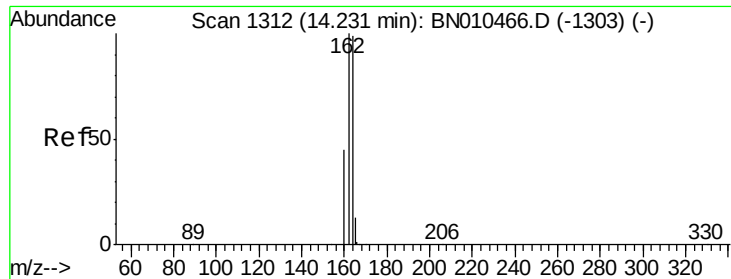
Tot Ion:152 Resp: 11363
Ion Ratio Lower Upper
152 100
151 21.1 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.569 ng
RT: 12.03 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BN010496.D
Acq: 15 Apr 2020 02:18

Tgt Ion:142 Resp: 17574
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9
115 35.6 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

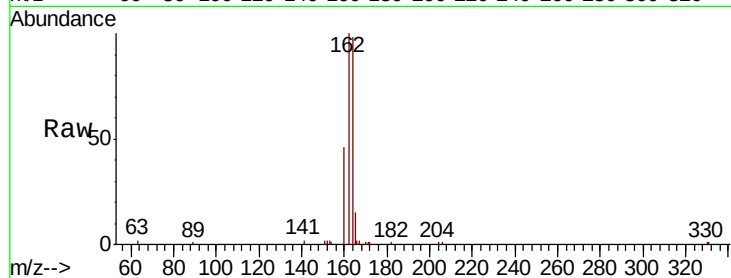
Tot Ion:164 Resp: 11891

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

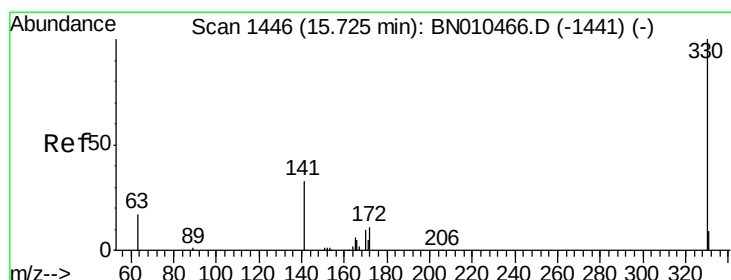
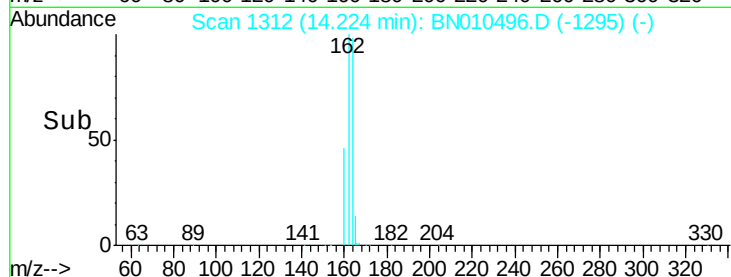
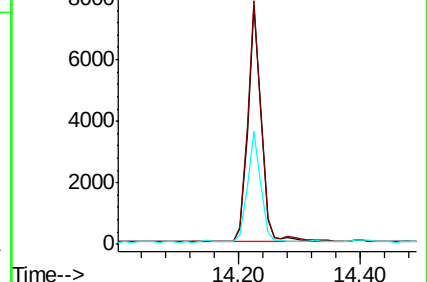
160 47.2 36.5 54.7



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: 0.493 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

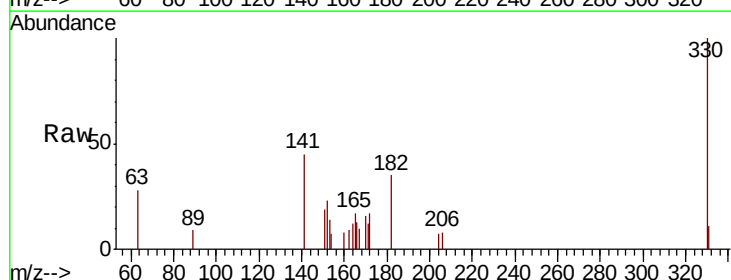
Tgt Ion:330 Resp: 2763

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

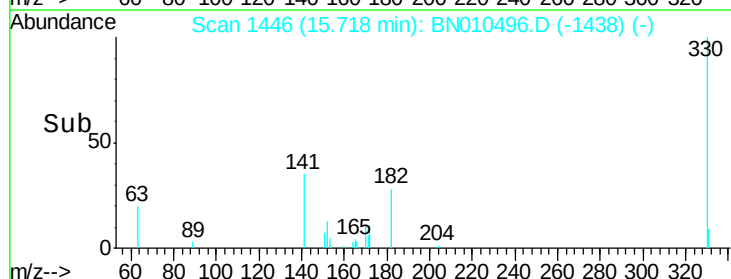
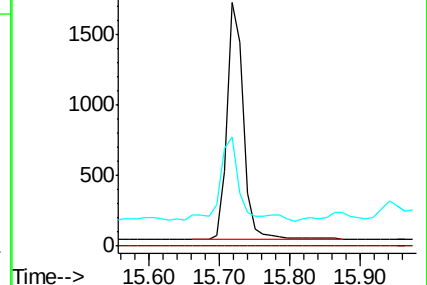
141 44.0 28.1 42.1#

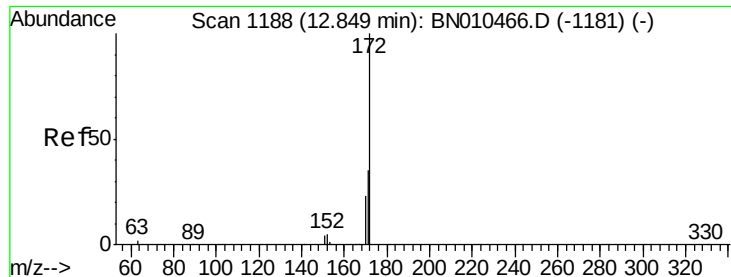


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

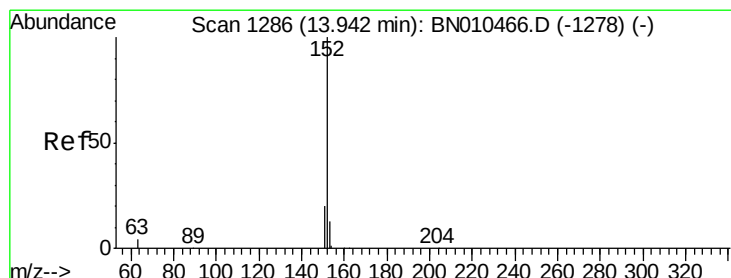
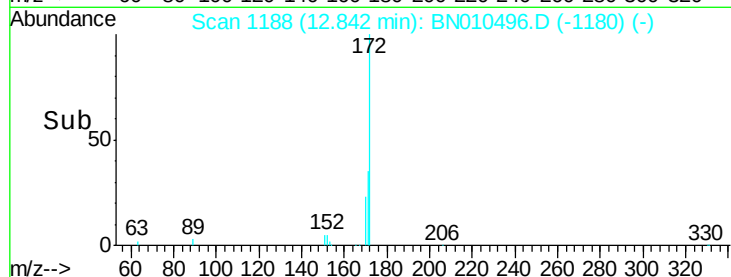
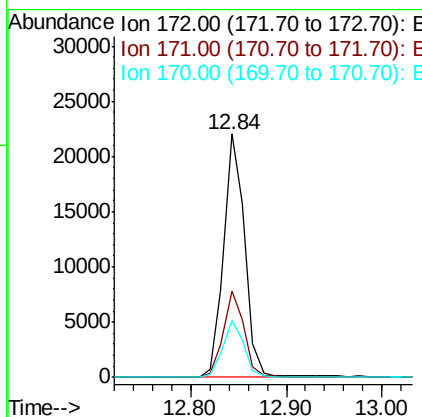
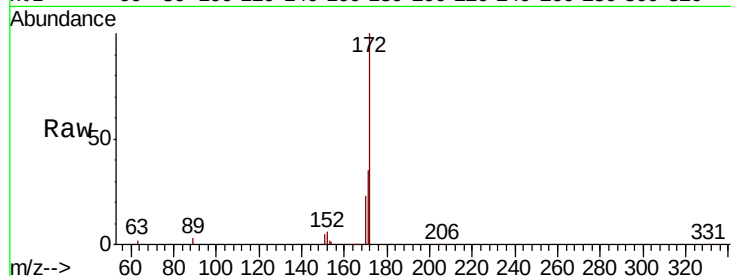




#15
2-Fluorobiphenyl
Concen: 0.775 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010496.D
Acq: 15 Apr 2020 02:18

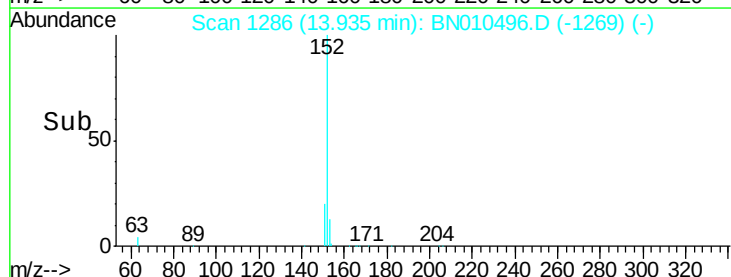
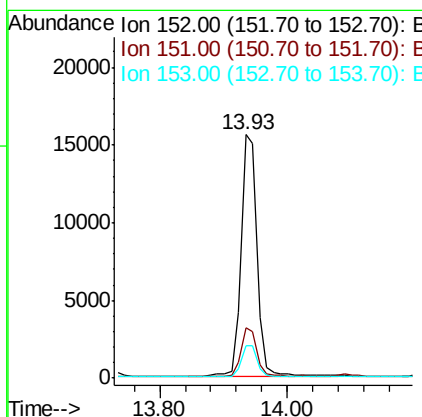
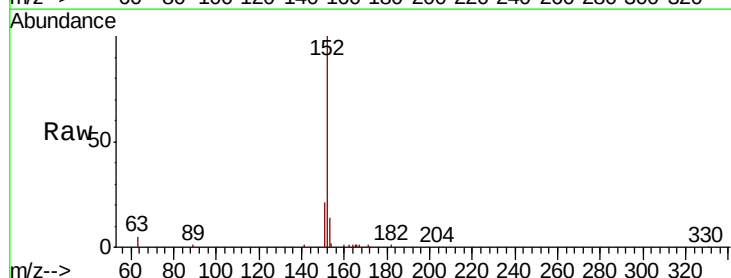
Instrument :
BNA_N
ClientSampleId :

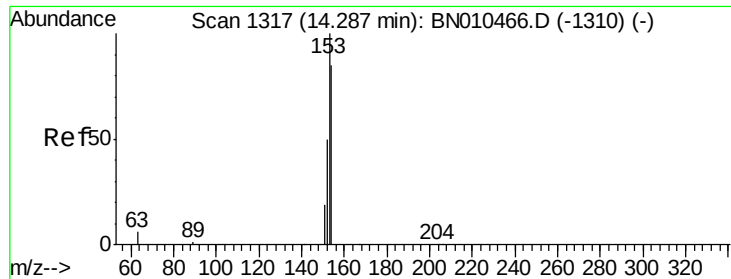
Tot Ion:172 Resp: 33515
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.4 18.4 27.6



#16
Acenaphthylene
Concen: 0.533 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN010496.D
Acq: 15 Apr 2020 02:18

Tgt Ion:152 Resp: 27377
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.595 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

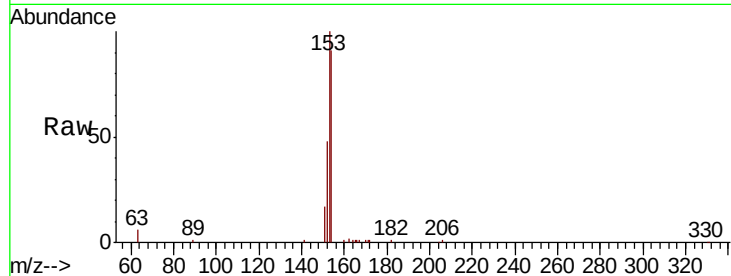
Tot Ion:154 Resp: 19639

Ion Ratio Lower Upper

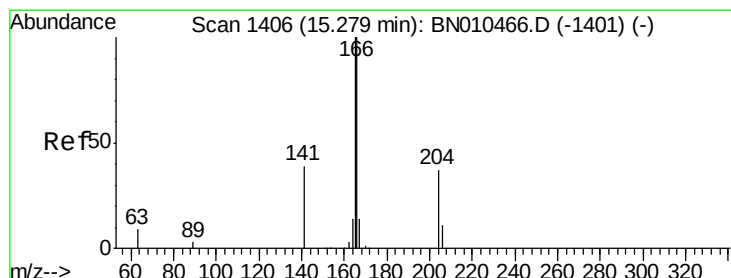
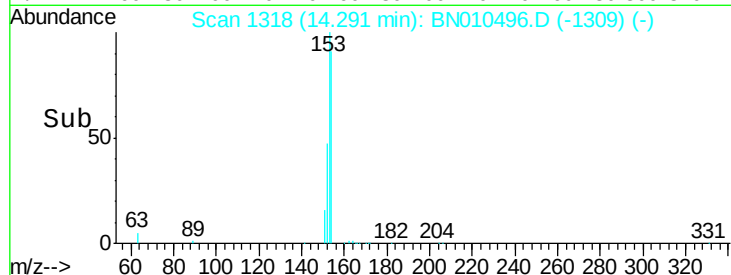
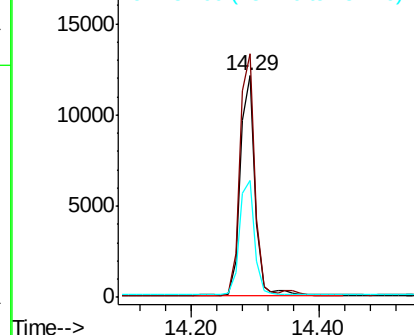
154 100

153 108.5 91.0 136.4

152 52.6 44.6 67.0



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: 0.581 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

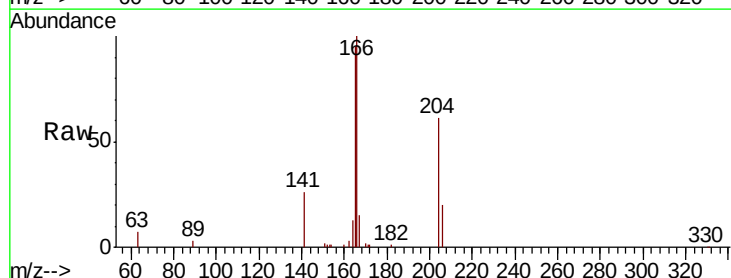
Tgt Ion:166 Resp: 25121

Ion Ratio Lower Upper

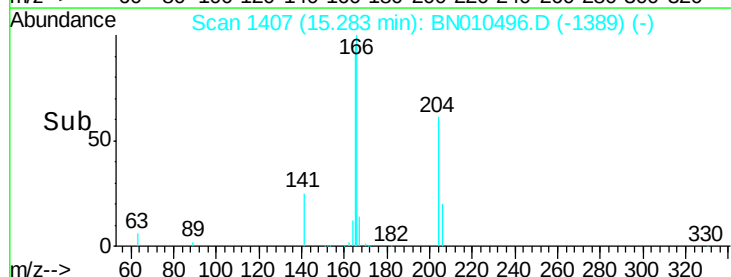
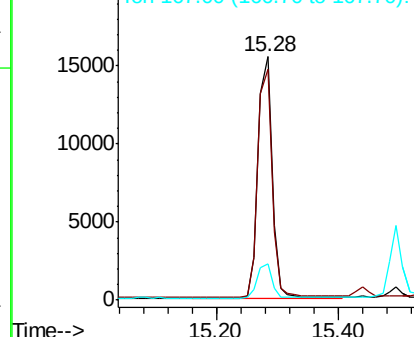
166 100

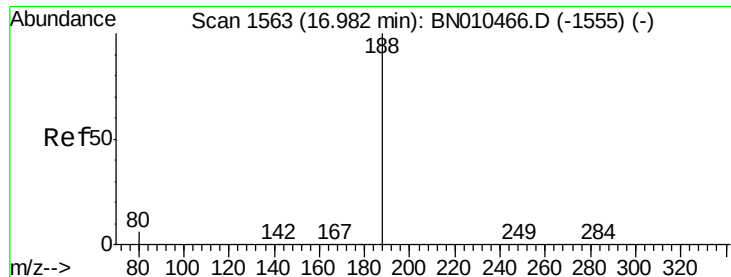
165 94.9 78.4 117.6

167 15.8 10.9 16.3



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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

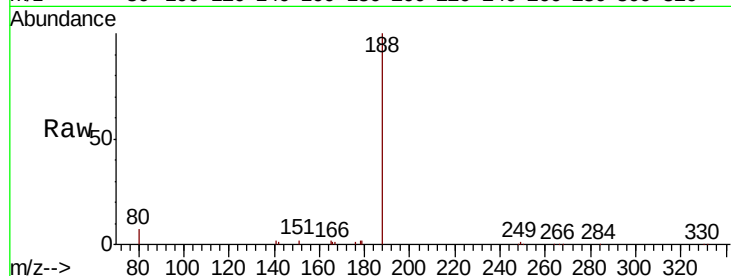
Tot Ion:188 Resp: 27183

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

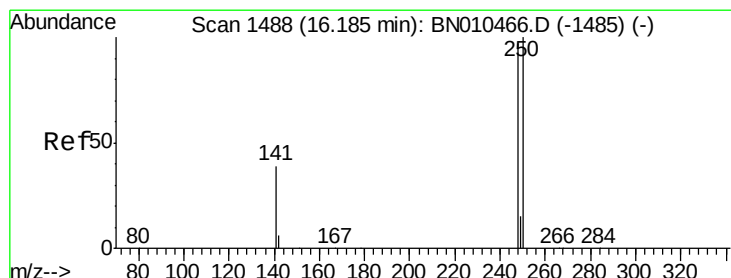
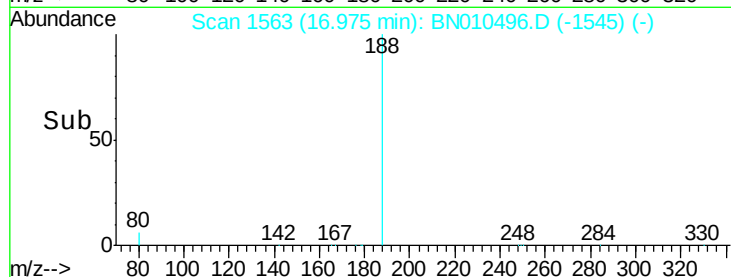
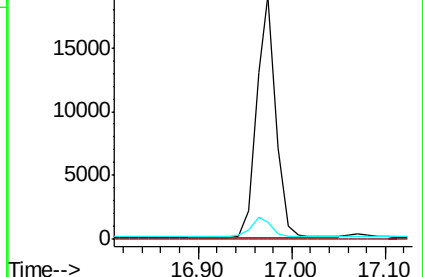
80 7.1 5.0 7.6



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: 0.512 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

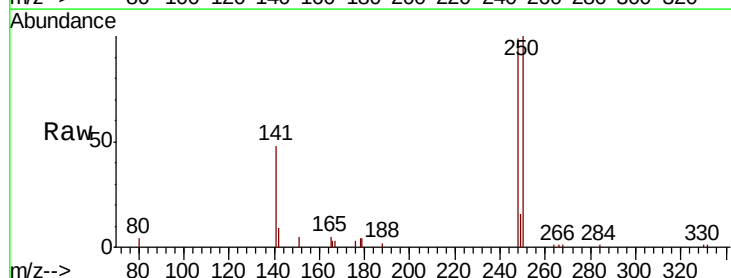
Tgt Ion:248 Resp: 7733

Ion Ratio Lower Upper

248 100

250 100.5 82.3 123.5

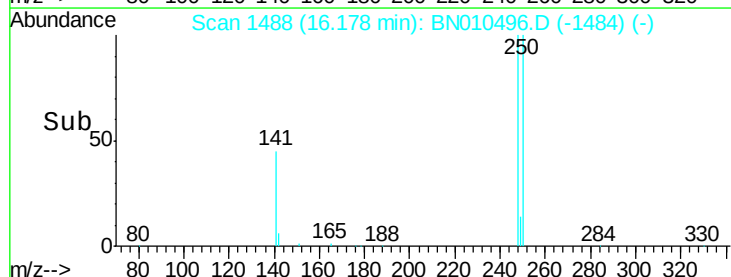
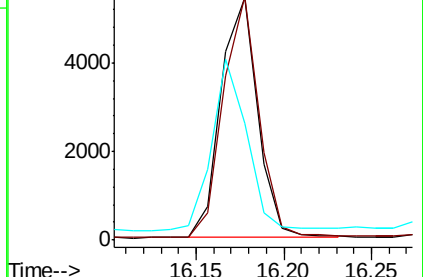
141 48.4 35.2 52.8

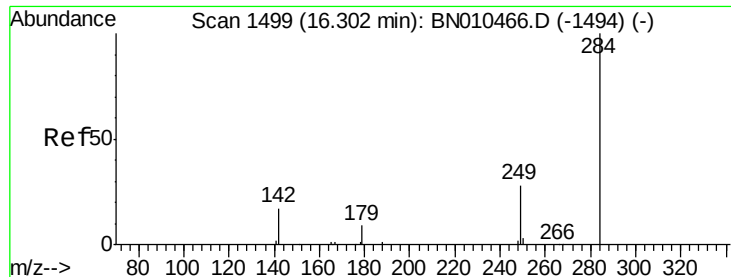


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.499 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

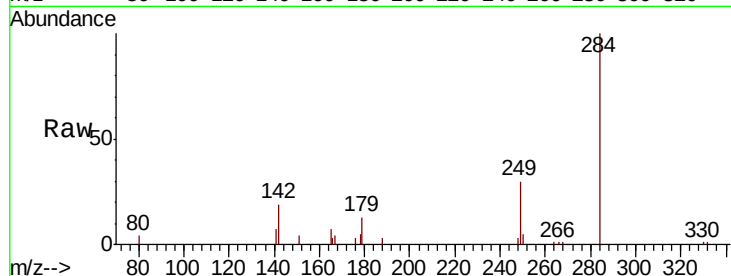
Tot Ion:284 Resp: 8601

Ion Ratio Lower Upper

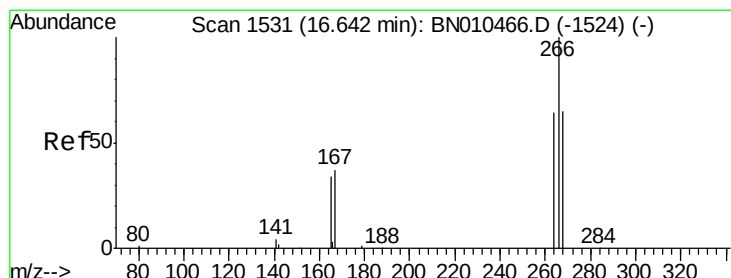
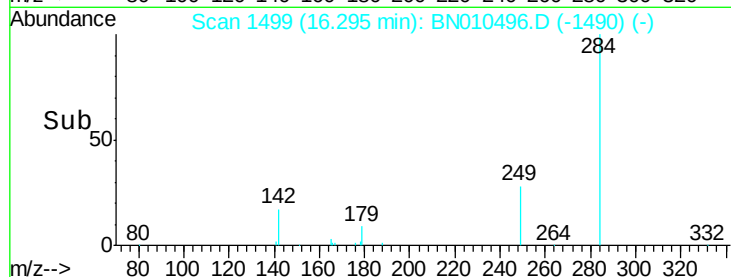
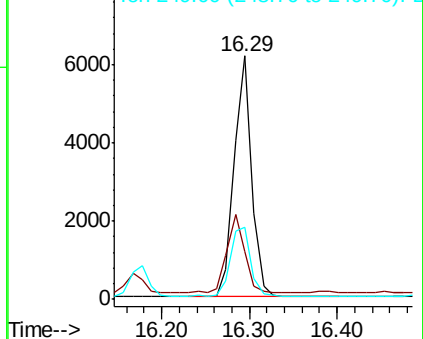
284 100

142 32.9 25.5 38.3

249 32.4 25.8 38.6



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



#22

Pentachlorophenol

Concen: 1.590 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

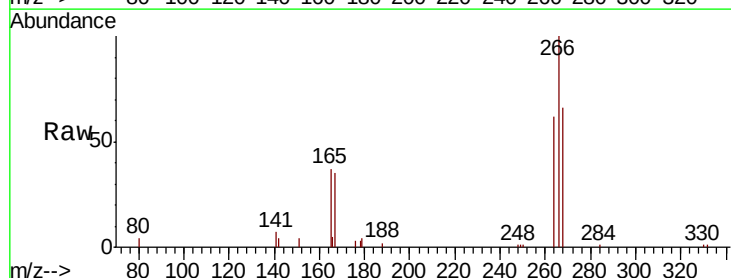
Tgt Ion:266 Resp: 10782

Ion Ratio Lower Upper

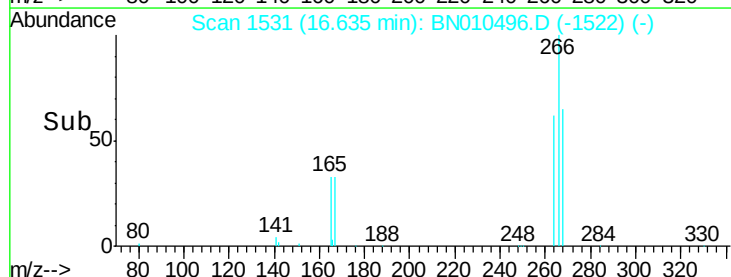
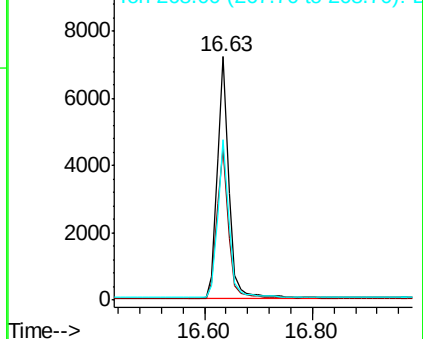
266 100

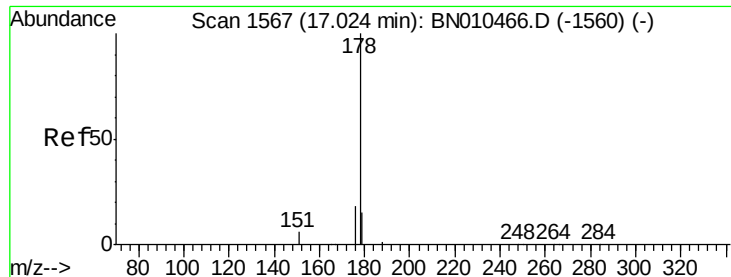
264 62.1 51.8 77.6

268 65.9 53.7 80.5



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





#23

Phenanthrene

Concen: 0.582 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampled :

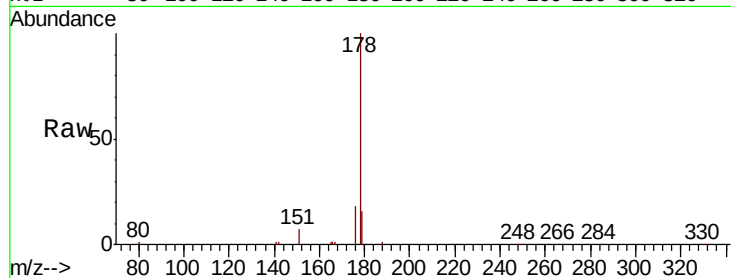
Tot Ion:178 Resp: 42748

Ion Ratio Lower Upper

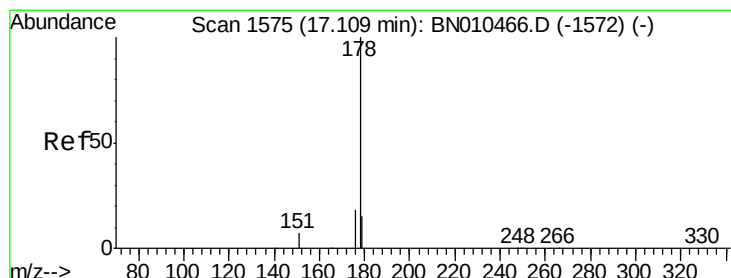
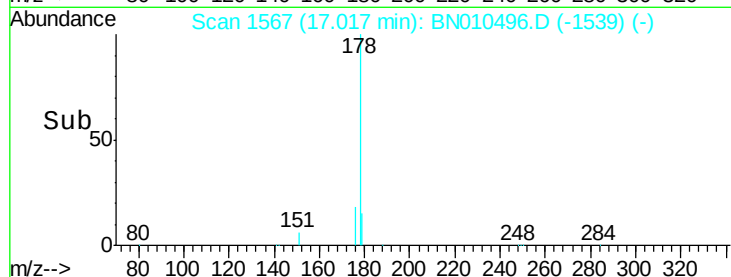
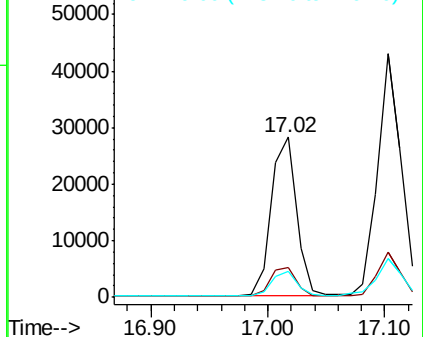
178 100

176 18.6 15.0 22.4

179 15.6 12.6 18.8



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: 0.901 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

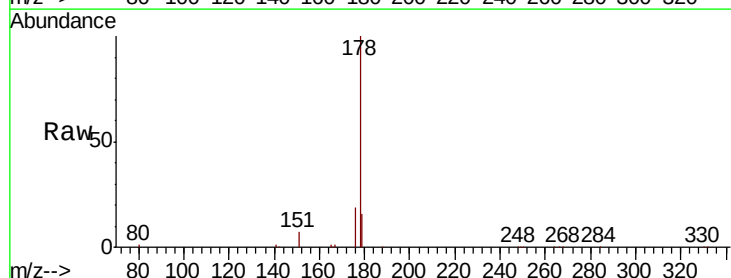
Tgt Ion:178 Resp: 60497

Ion Ratio Lower Upper

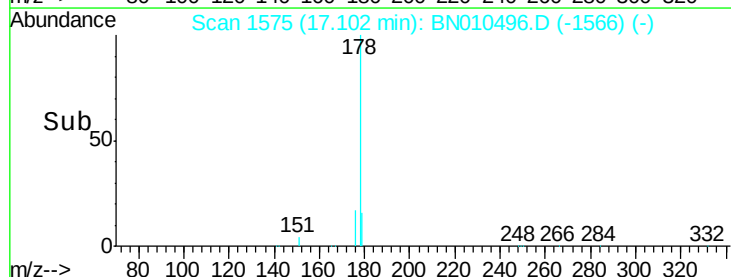
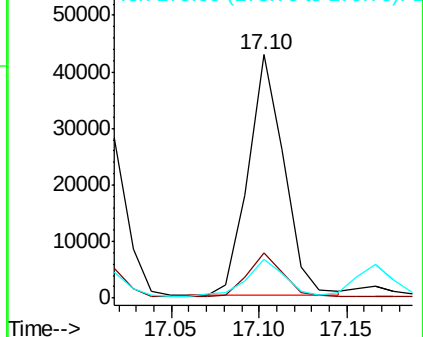
178 100

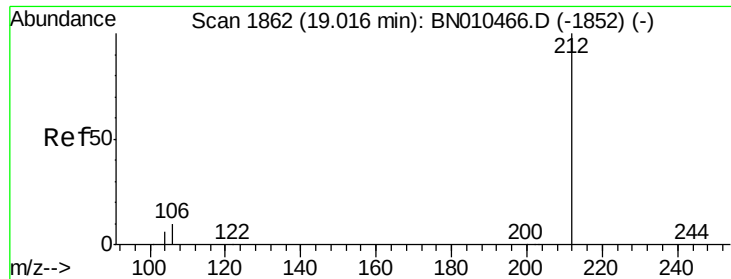
176 18.8 14.6 21.8

179 16.1 12.2 18.2



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: 0.394 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

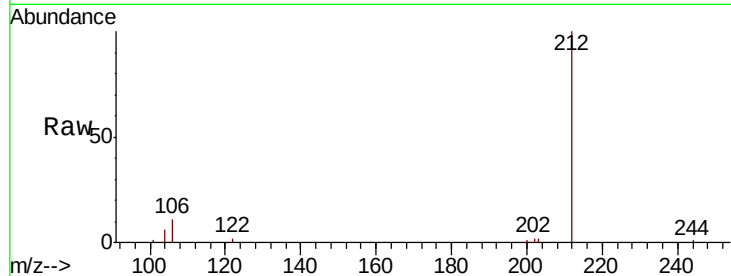
Tot Ion:212 Resp: 32518

Ion Ratio Lower Upper

212 100

106 10.6 7.8 11.6

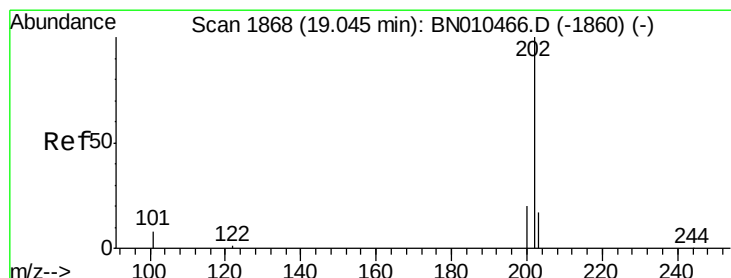
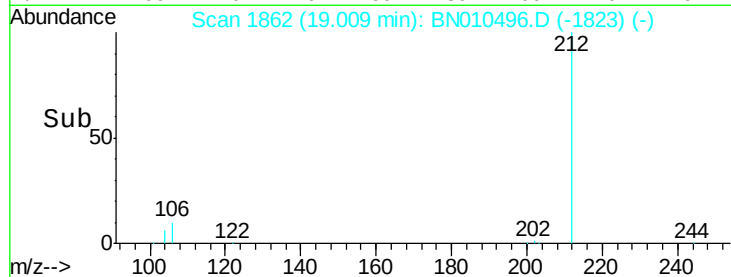
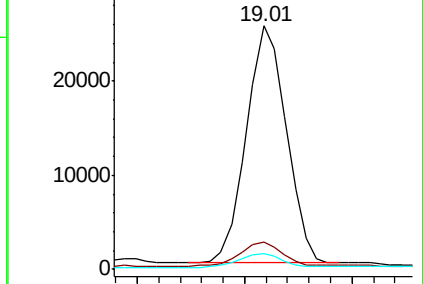
104 6.2 4.5 6.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 1.914 ng

RT: 19.04 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

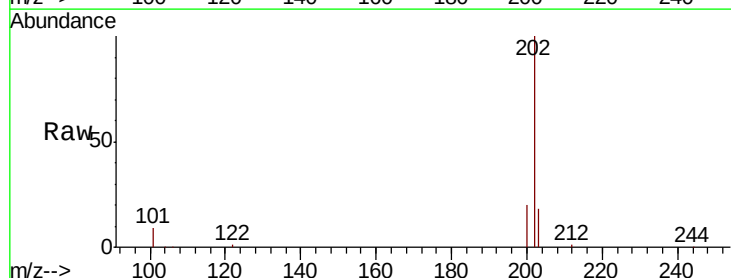
Tgt Ion:202 Resp: 174882

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

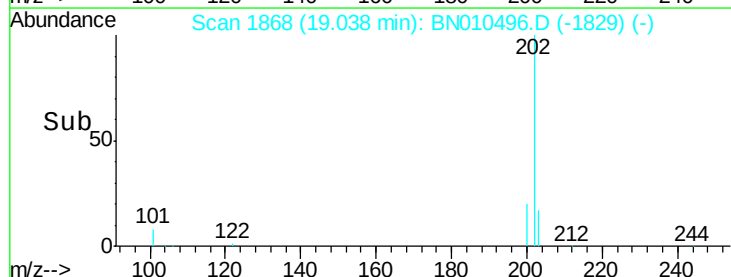
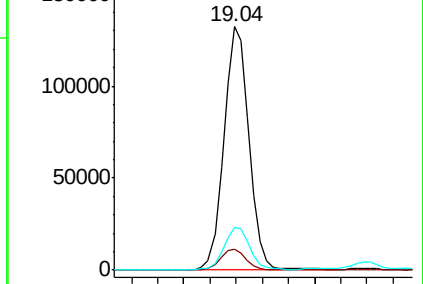
203 17.3 13.9 20.9

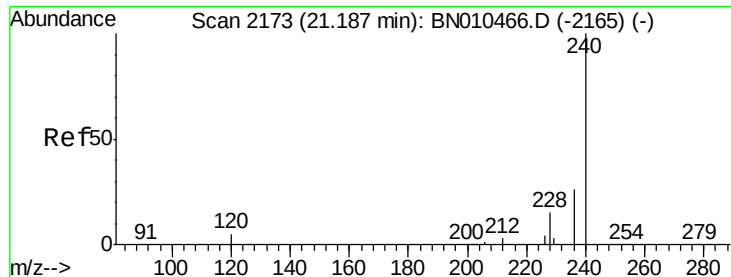


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

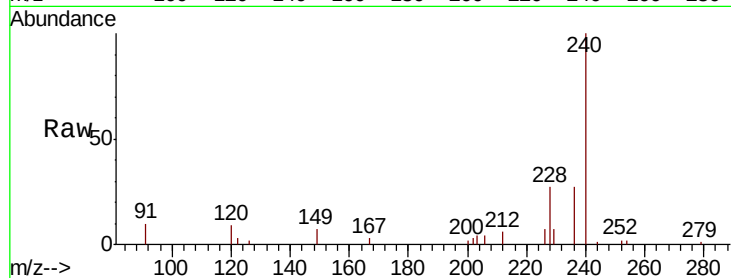
Tot Ion:240 Resp: 26353

Ion Ratio Lower Upper

240 100

120 8.6 4.8 7.2#

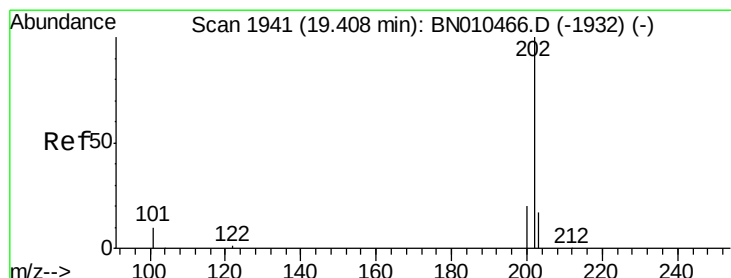
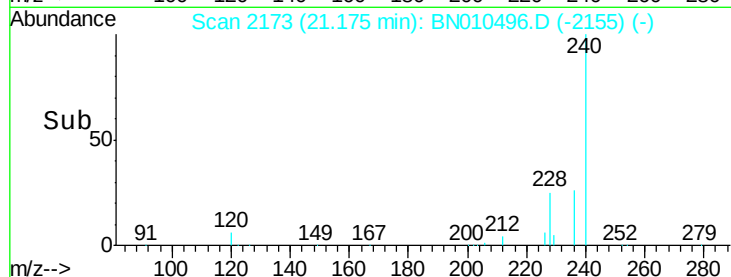
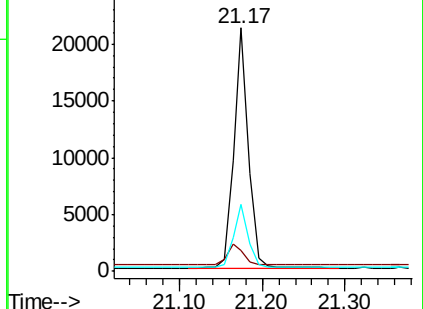
236 27.4 21.4 32.0



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: 1.479 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

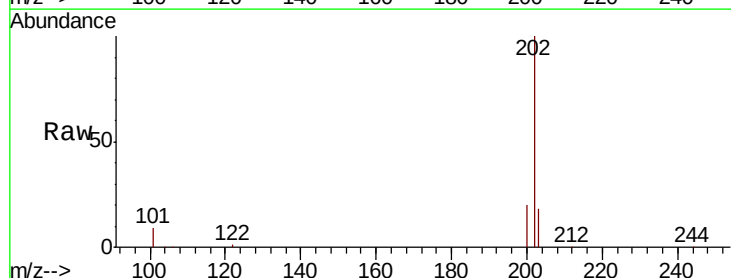
Tgt Ion:202 Resp: 131173

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

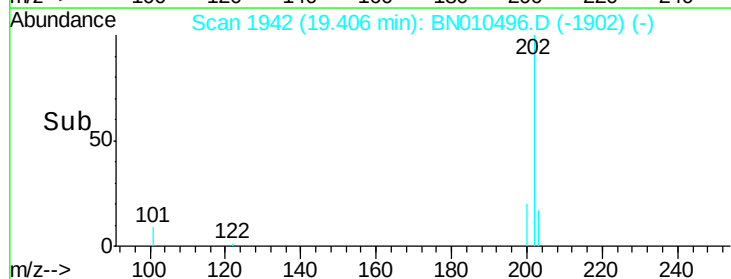
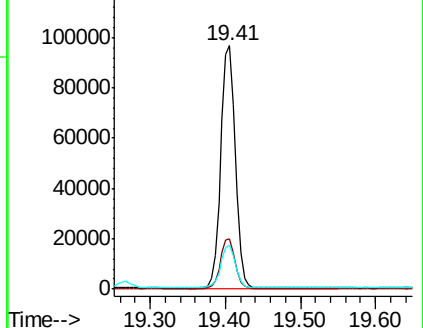
203 17.8 14.0 21.0

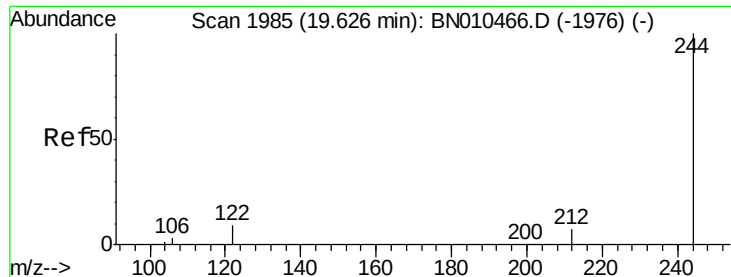


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.812 ng

RT: 19.62 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampled :

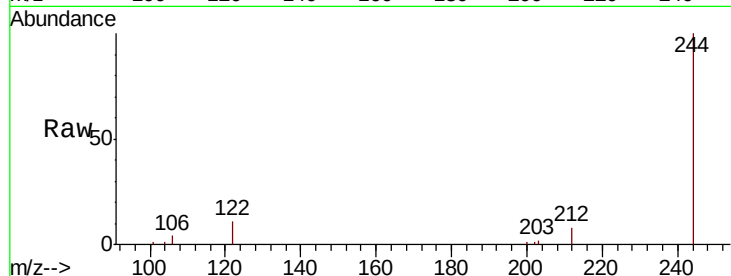
Tot Ion:244 Resp: 48975

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

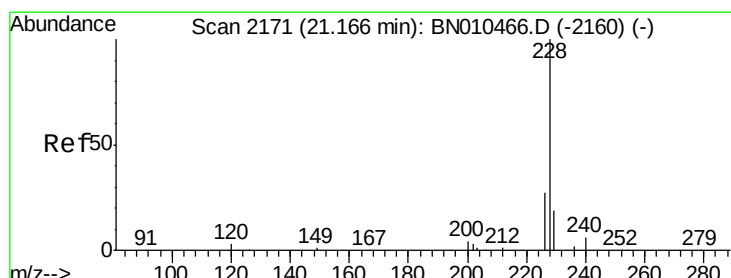
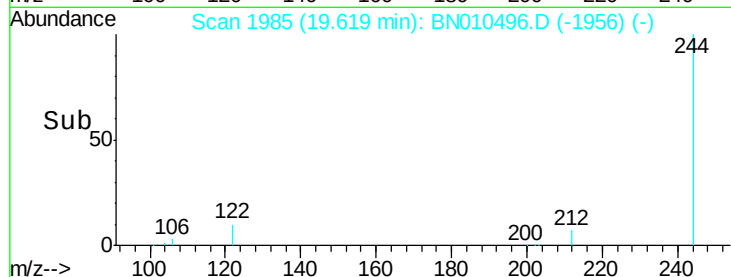
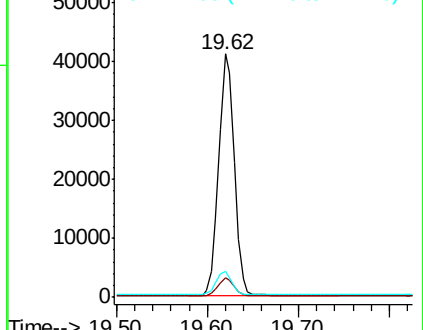
122 10.8 7.8 11.8



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: 0.596 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

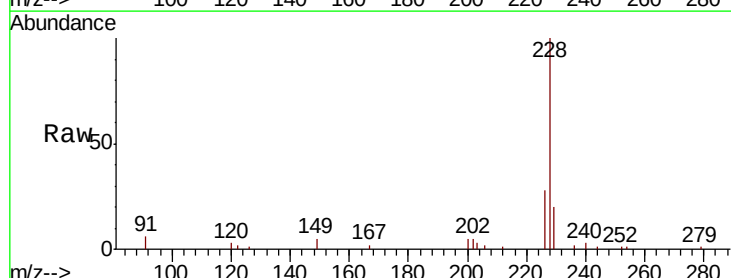
Tgt Ion:228 Resp: 51224

Ion Ratio Lower Upper

228 100

226 28.2 21.7 32.5

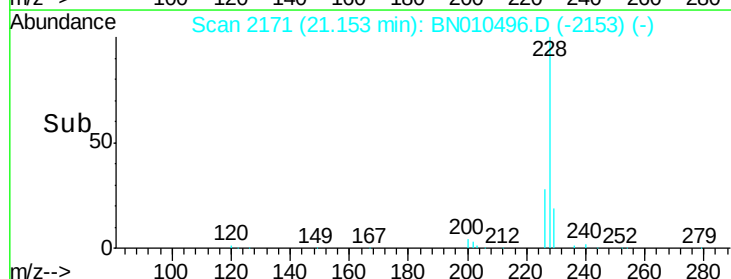
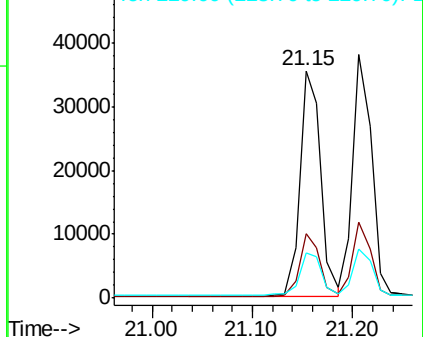
229 20.0 15.6 23.4

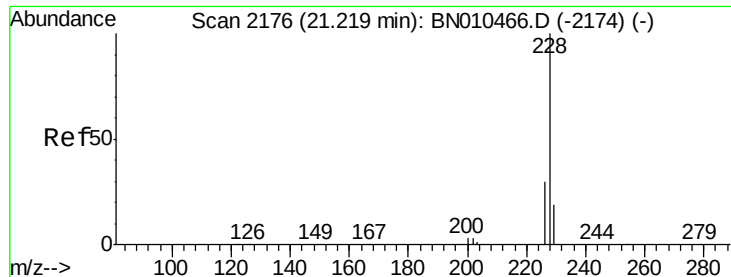


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.576 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

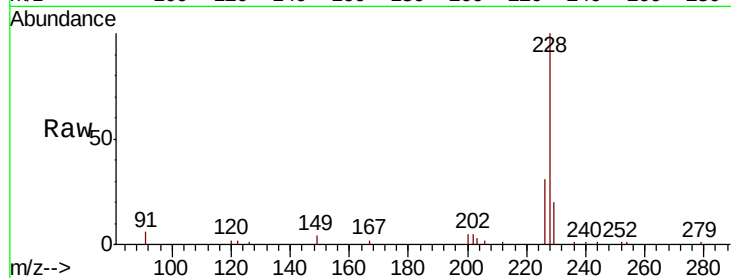
Tot Ion:228 Resp: 49338

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

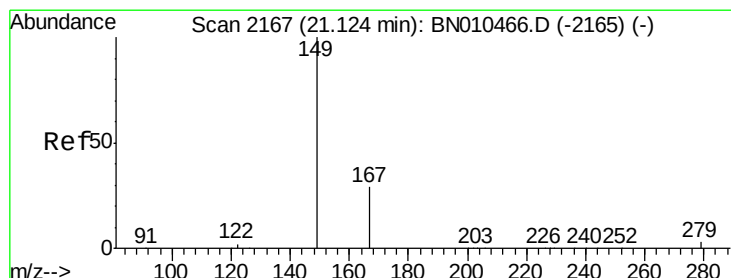
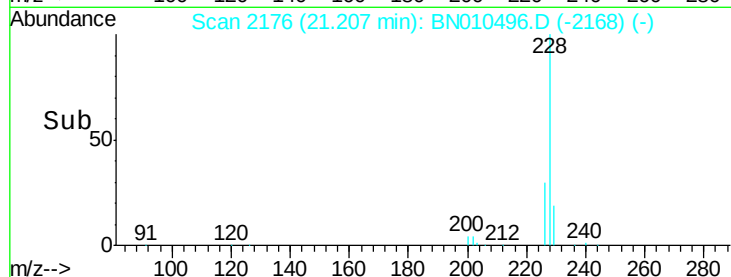
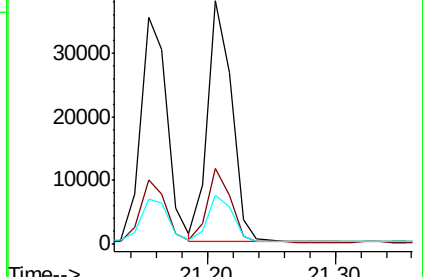
229 20.2 15.8 23.6



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: 0.624 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

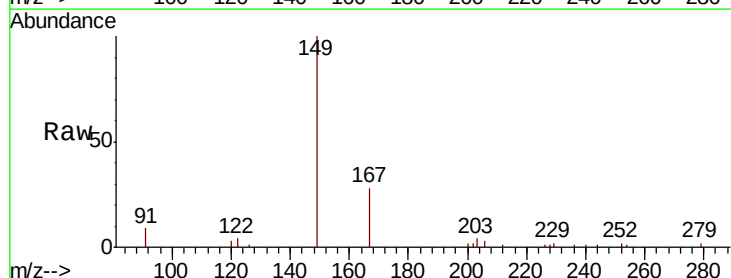
Tgt Ion:149 Resp: 27519

Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.0

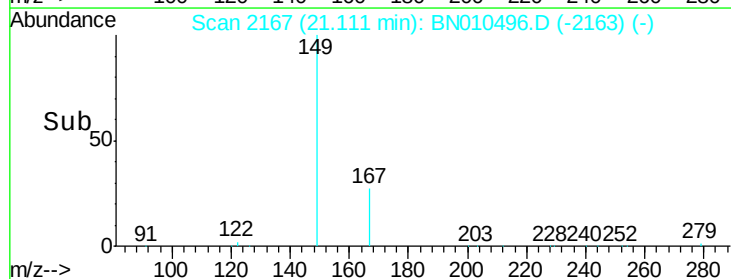
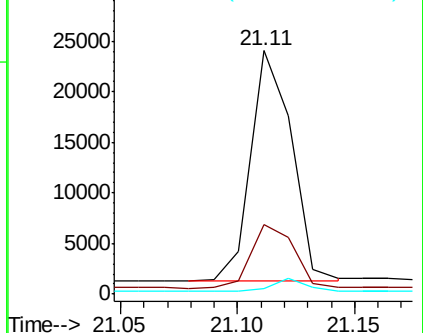
279 5.0 4.0 6.0

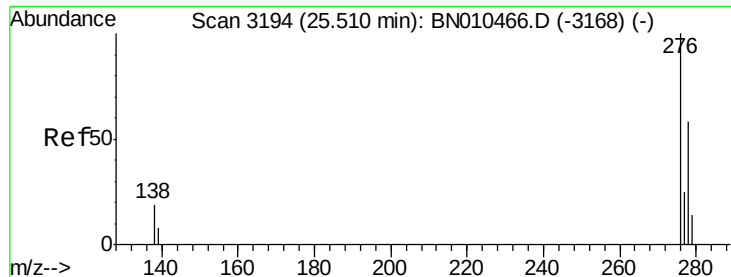


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

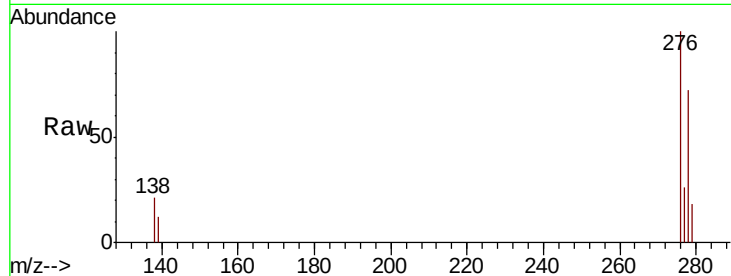




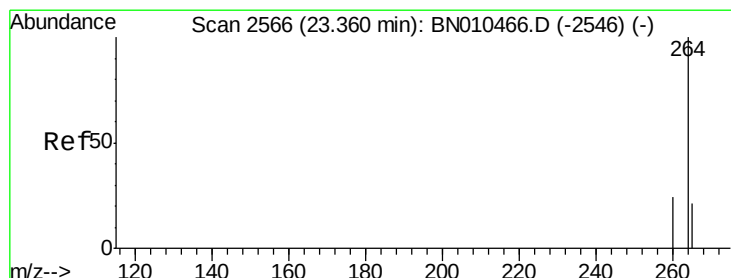
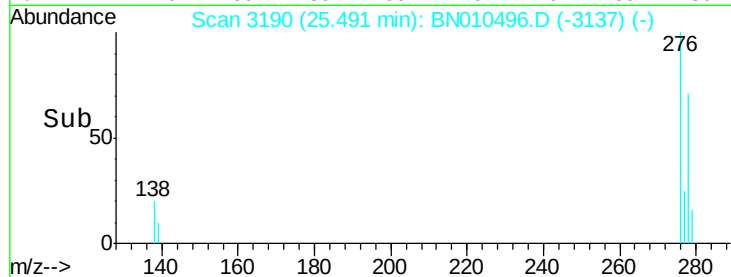
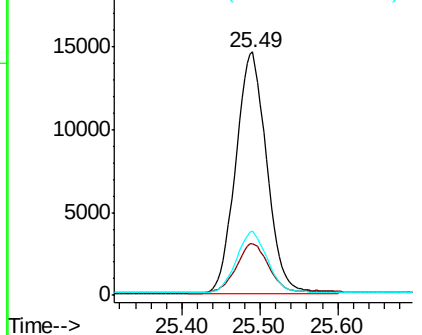
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.533 ng
 RT: 25.49 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BN010496.D
 Acq: 15 Apr 2020 02:18

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 40346
 Ion Ratio Lower Upper
 276 100
 138 21.1 16.4 24.6
 277 25.3 19.8 29.6

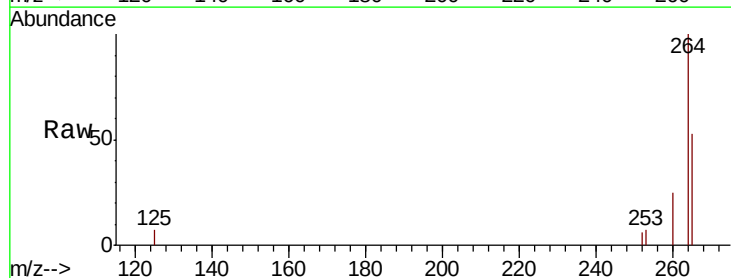


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

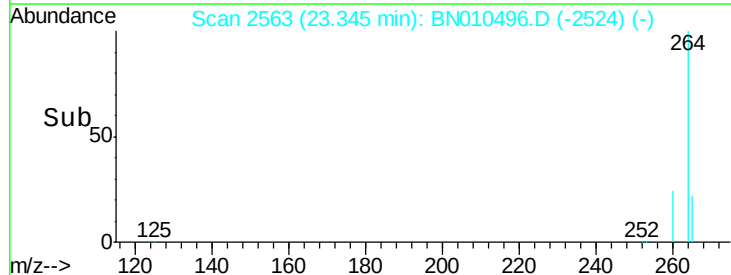
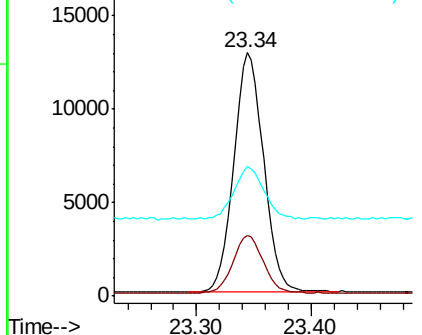


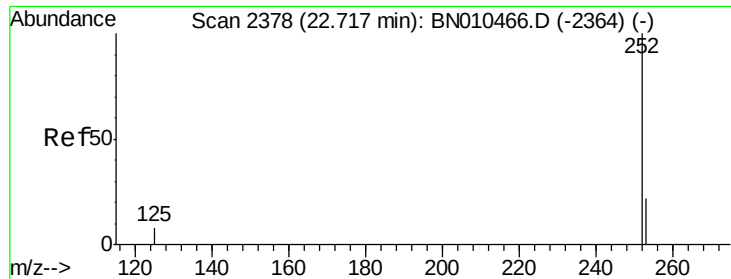
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.34 min Scan# 2563
 Delta R.T. -0.02 min
 Lab File: BN010496.D
 Acq: 15 Apr 2020 02:18

Tgt Ion:264 Resp: 23104
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.8 29.8
 265 53.4 42.3 63.5



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

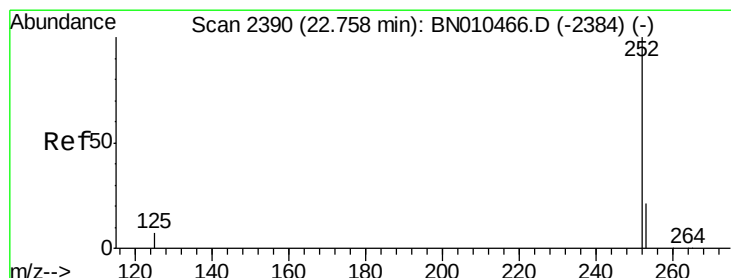
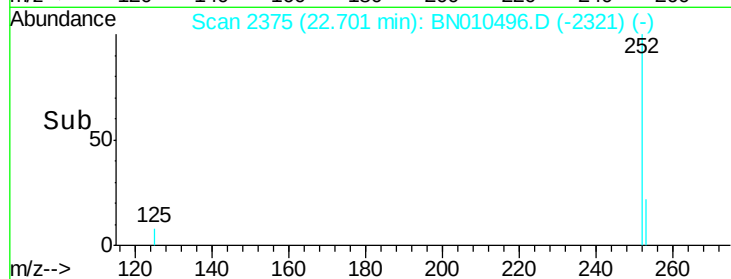
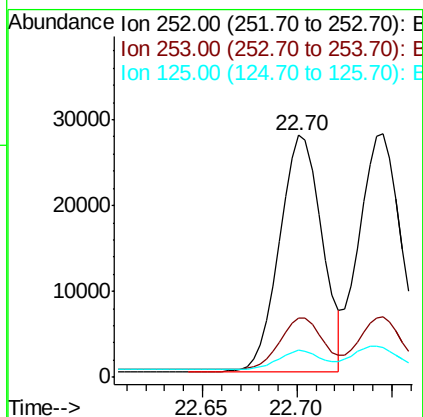
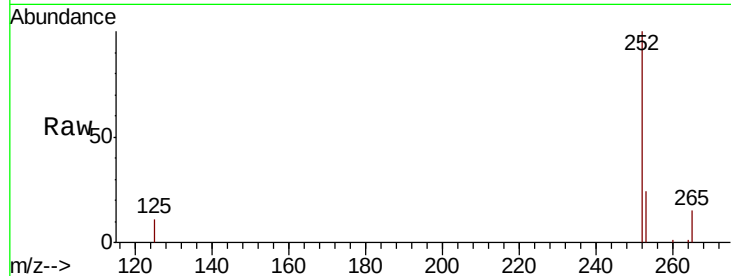




#35
Benzo(b)fluoranthene
Concen: 0.559 ng
RT: 22.70 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BN010496.D
Acq: 15 Apr 2020 02:18

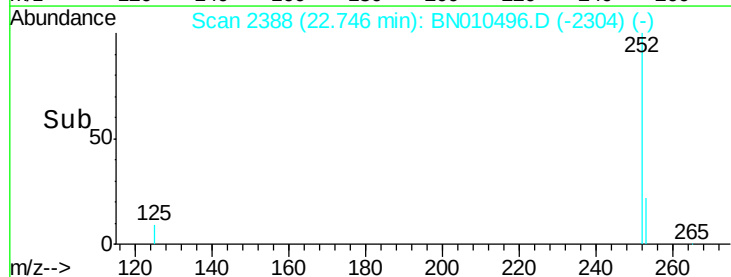
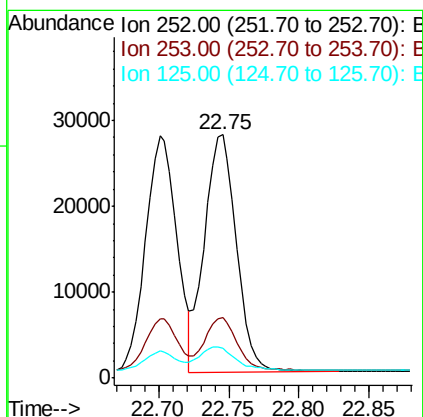
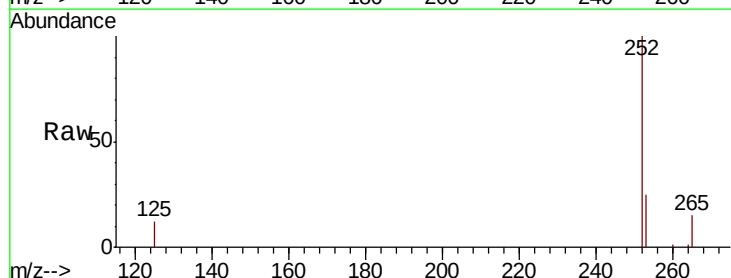
Instrument :
BNA_N
ClientSampleId :

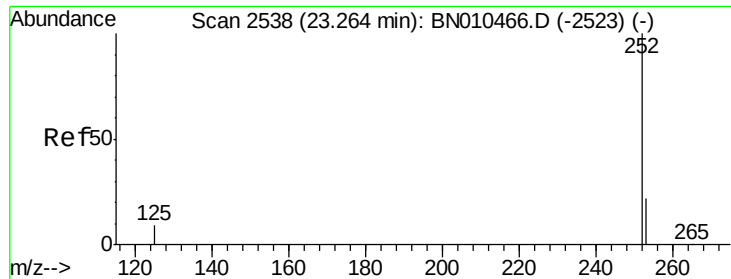
Tot Ion:252 Resp: 42558
Ion Ratio Lower Upper
252 100
253 24.5 20.2 30.4
125 11.1 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.572 ng
RT: 22.75 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BN010496.D
Acq: 15 Apr 2020 02:18

Tgt Ion:252 Resp: 43570
Ion Ratio Lower Upper
252 100
253 24.7 20.1 30.1
125 12.2 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.571 ng

RT: 23.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :

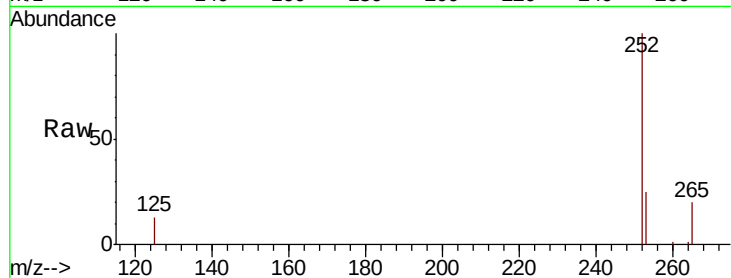
Tot Ion:252 Resp: 38461

Ion Ratio Lower Upper

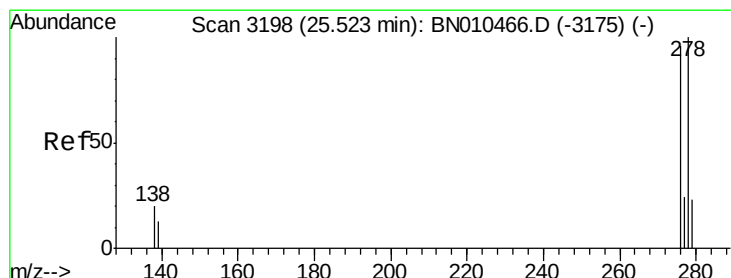
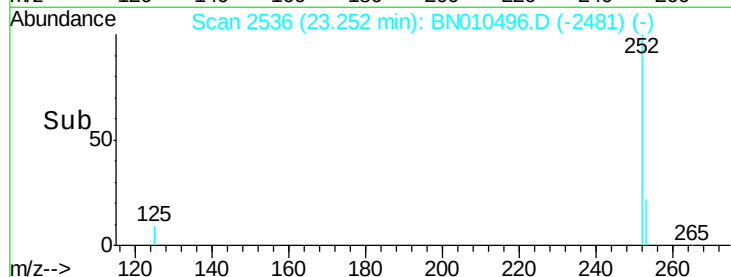
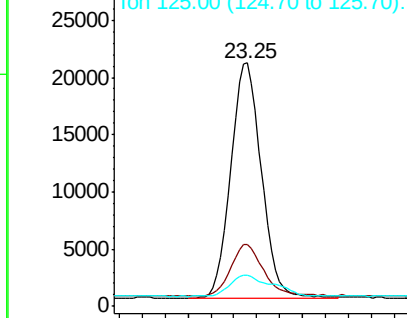
252 100

253 25.3 21.8 32.8

125 12.8 11.0 16.6



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: 0.549 ng

RT: 25.50 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

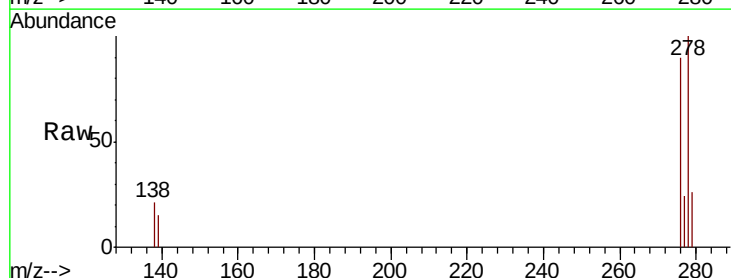
Tgt Ion:278 Resp: 33807

Ion Ratio Lower Upper

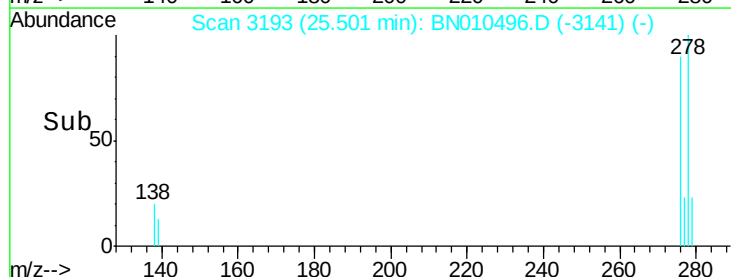
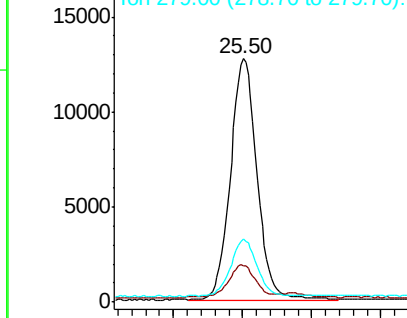
278 100

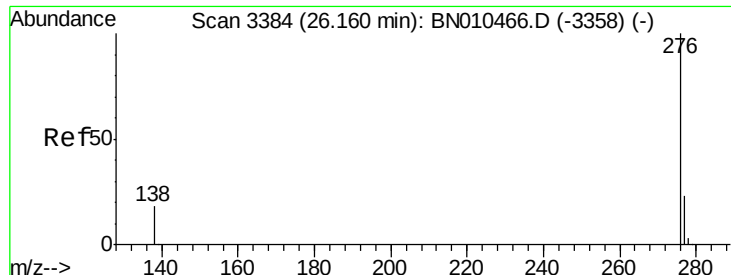
139 15.2 12.3 18.5

279 25.8 21.9 32.9



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: 0.549 ng

RT: 26.14 min Scan# 3379

Delta R.T. -0.02 min

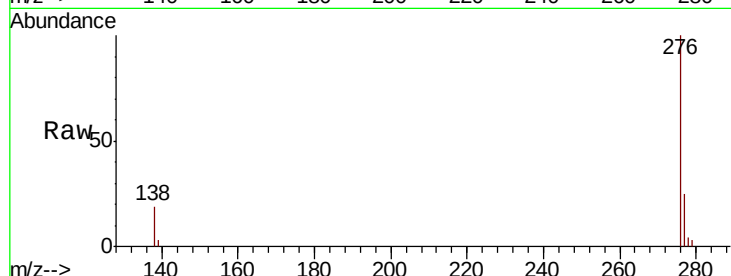
Lab File: BN010496.D

Acq: 15 Apr 2020 02:18

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 34012

Ion Ratio Lower Upper

276 100

277 24.6 20.2 30.2

138 18.8 15.4 23.2

