

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041520\
 Data File : BN010510.D
 Acq On : 15 Apr 2020 16:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 15 16:56:58 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	4203	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	17757	0.40	ng	-0.01
13) Acenaphthene-d10	14.22	164	11710	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	26795	0.40	ng	0.00
27) Chrysene-d12	21.17	240	30850	0.40	ng	-0.01
34) Perylene-d12	23.35	264	27720	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3803	0.41	ng	0.00
5) Phenol-d6	6.79	99	5429	0.45	ng	0.00
8) Nitrobenzene-d5	8.73	82	5402	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	11.95	152	11958	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	2293	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	18997	0.45	ng	0.00
25) Fluoranthene-d10	19.01	212	35403	0.44	ng	0.00
29) Terphenyl-d14	19.62	244	32673	0.46	ng	0.00

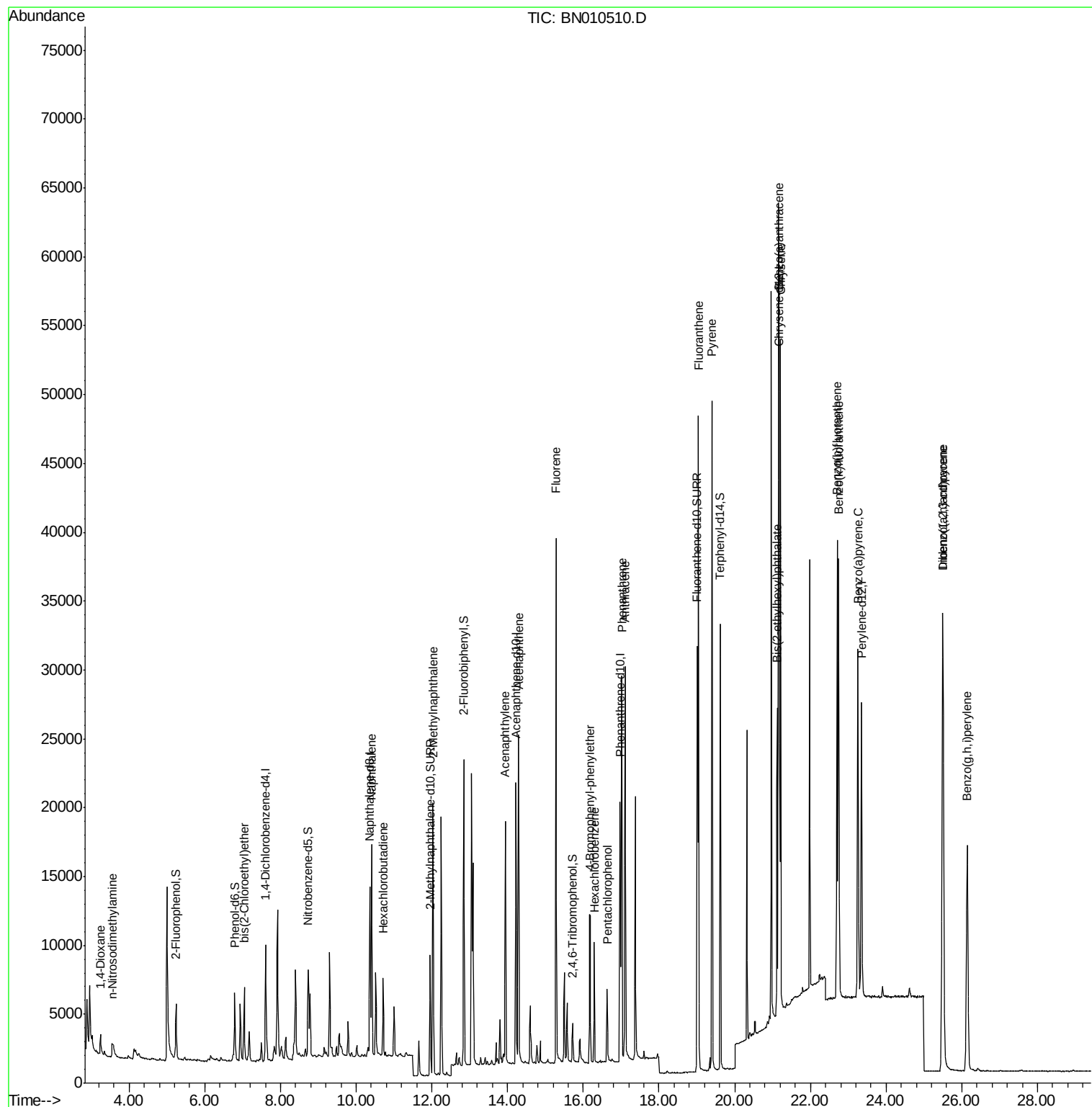
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1330	0.430	ng	# 88
3) n-Nitrosodimethylamine	3.55	42	1070	0.533	ng	# 79
6) bis(2-Chloroethyl)ether	7.04	93	4810	0.461	ng	99
9) Naphthalene	10.41	128	19139	0.434	ng	99
10) Hexachlorobutadiene	10.71	225	4389	0.413	ng	# 99
12) 2-Methylnaphthalene	12.03	142	14159	0.447	ng	100
16) Acenaphthylene	13.93	152	21639	0.428	ng	99
17) Acenaphthene	14.29	154	14134	0.435	ng	98
18) Fluorene	15.28	166	18538	0.435	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	6059	0.407	ng	99
21) Hexachlorobenzene	16.29	284	7216	0.425	ng	99
22) Pentachlorophenol	16.63	266	2939	0.440	ng	98
23) Phenanthrene	17.02	178	32451	0.448	ng	100
24) Anthracene	17.10	178	29783	0.450	ng	100
26) Fluoranthene	19.04	202	42300	0.470	ng	99
28) Pyrene	19.40	202	43785	0.422	ng	99
30) Benzo(a)anthracene	21.16	228	42589	0.423	ng	98
31) Chrysene	21.21	228	43153	0.430	ng	98
32) Bis(2-ethylhexyl)phthalate	21.12	149	19512	0.378	ng	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	40195	0.453	ng	99
35) Benzo(b)fluoranthene	22.70	252	38874	0.426	ng	98
36) Benzo(k)fluoranthene	22.75	252	40239	0.440	ng	99
37) Benzo(a)pyrene	23.25	252	35846	0.444	ng	96
38) Dibenzo(a,h)anthracene	25.51	278	33101	0.448	ng	97
39) Benzo(g,h,i)perylene	26.14	276	33511	0.451	ng	98

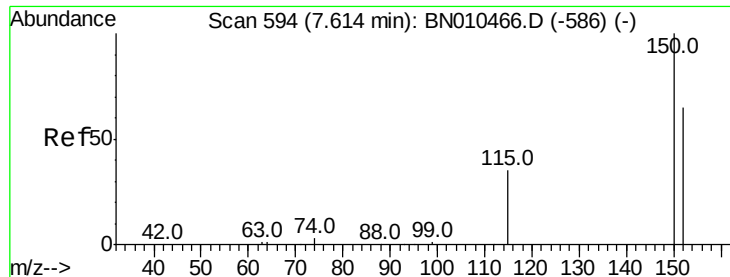
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

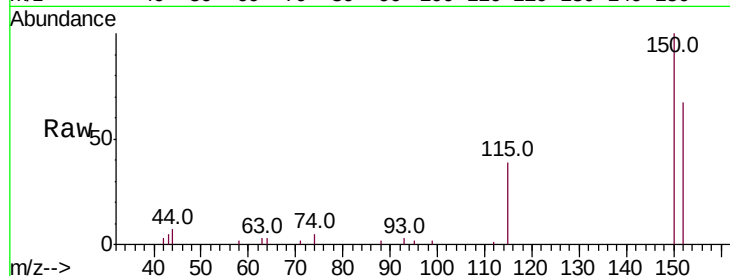
Tot Ion:152 Resp: 4203

Ion Ratio Lower Upper

152 100

150 150.0 121.8 182.6

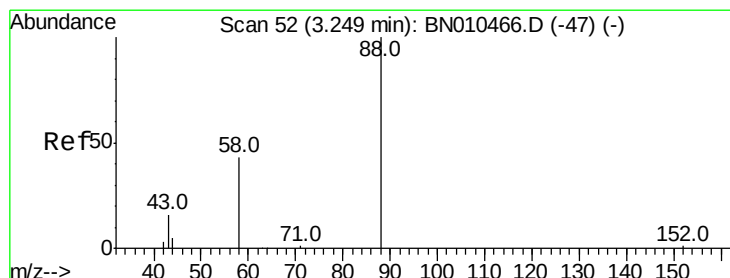
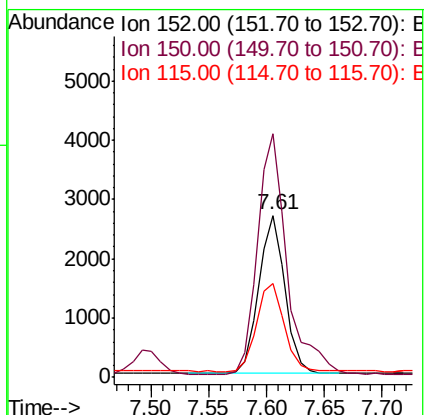
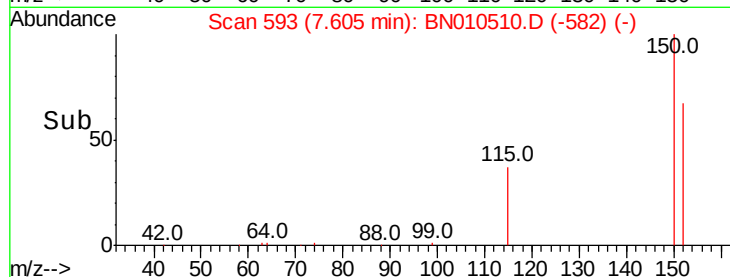
115 57.9 45.5 68.3



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: 0.430 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

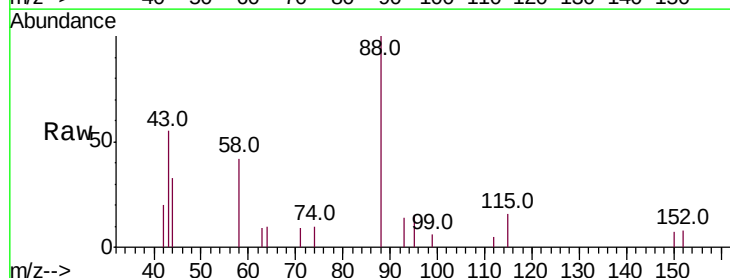
Tgt Ion: 88 Resp: 1330

Ion Ratio Lower Upper

88 100

58 44.9 36.5 54.7

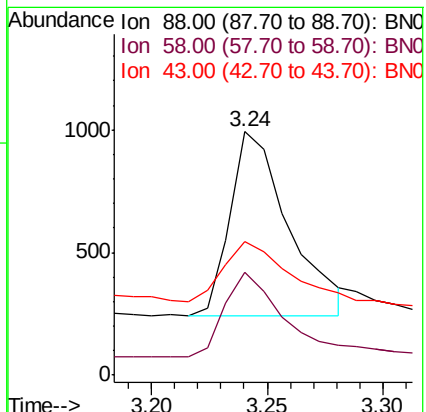
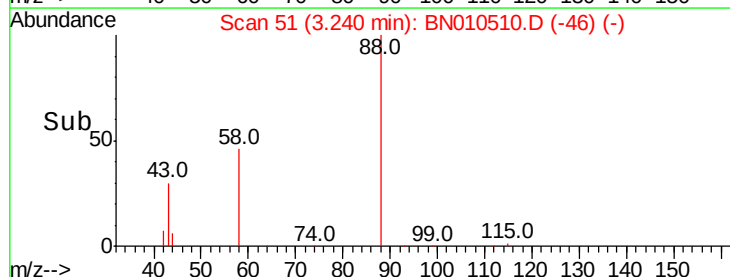
43 34.5 13.2 19.8#

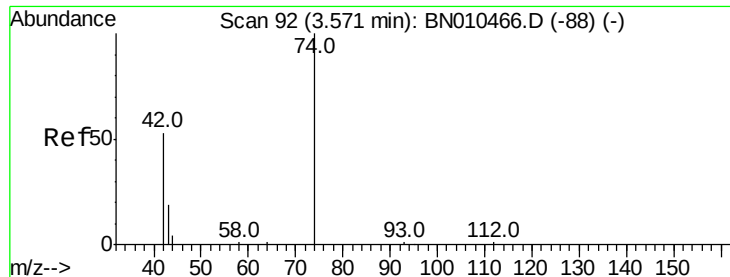


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.533 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

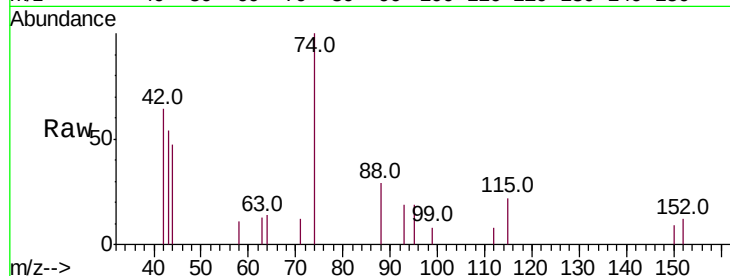
Tot Ion: 42 Resp: 1070

Ion Ratio Lower Upper

42 100

74 169.9 162.2 243.4

44 6.0 2.4 3.6#

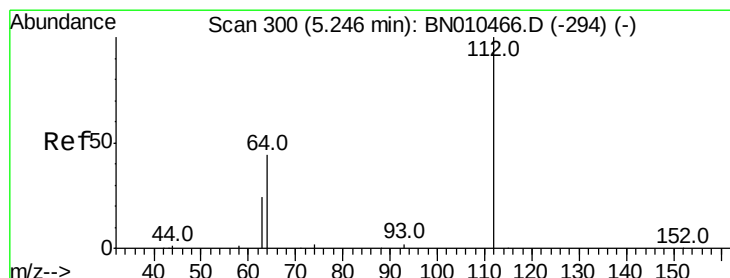
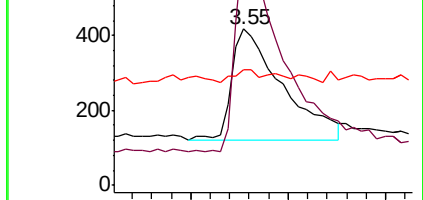
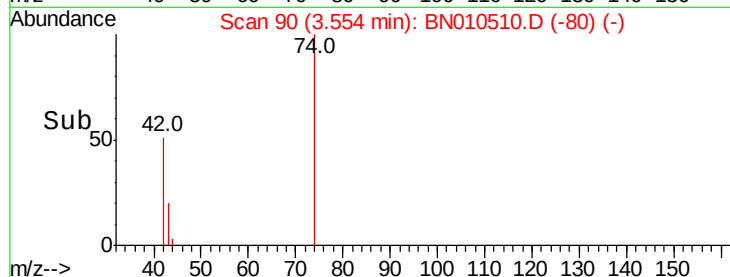


Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN010466.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN010466.D (-88) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.413 ng

RT: 5.24 min Scan# 299

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

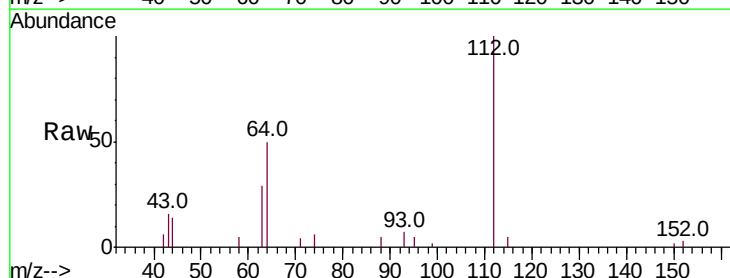
Tgt Ion: 112 Resp: 3803

Ion Ratio Lower Upper

112 100

64 44.7 35.8 53.8

63 24.7 19.9 29.9

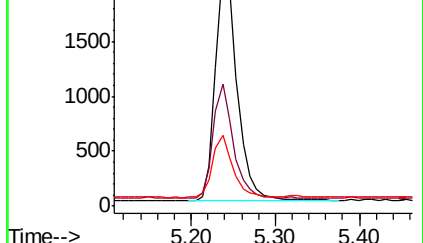
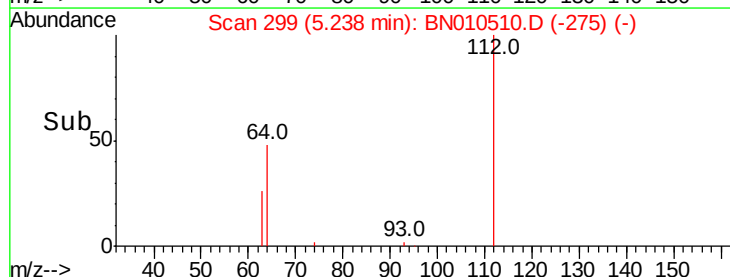


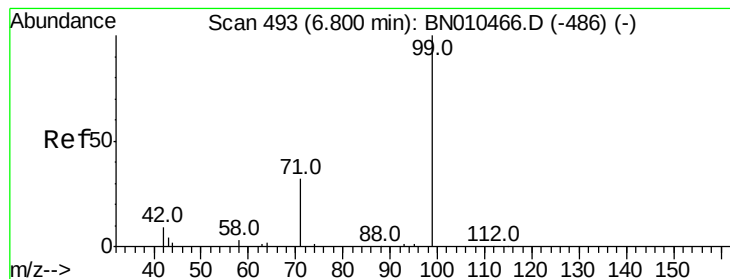
Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)

Ion 64.00 (63.70 to 64.70): BN010466.D (-294) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-294) (-)

Time-->





#5

Phenol-d6

Concen: 0.451 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

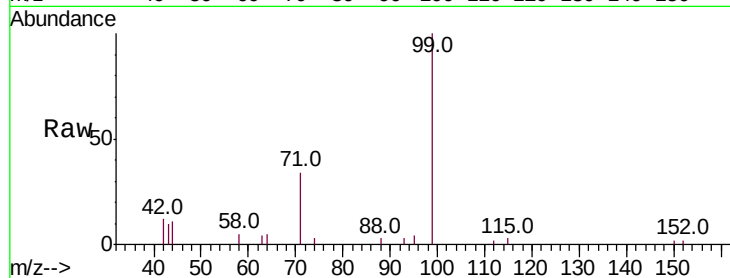
Tot Ion: 99 Resp: 5429

Ion Ratio Lower Upper

99 100

42 11.9 9.8 14.6

71 34.0 27.8 41.8

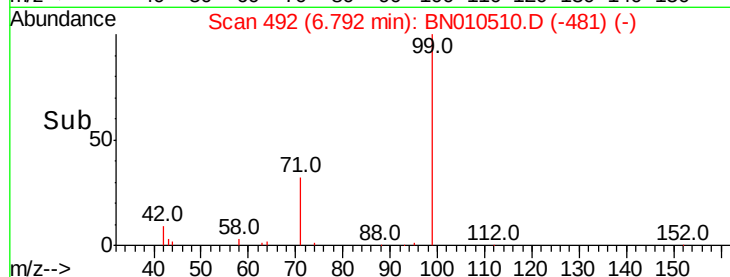


Abundance Ion 99.00 (98.70 to 99.70): BN010510.D (-486) (-)

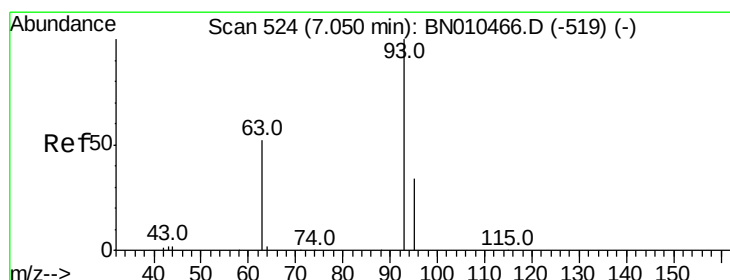
Ion 42.00 (41.70 to 42.70): BN010510.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010510.D (-486) (-)

6.79



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.461 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

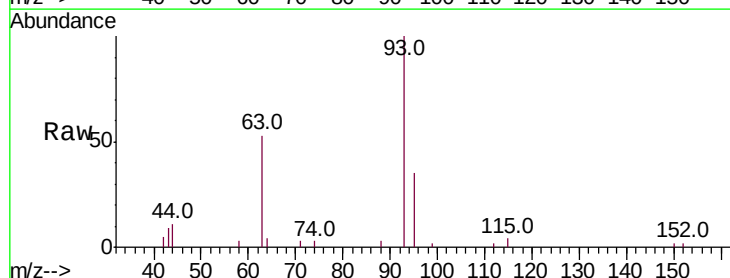
Tgt Ion: 93 Resp: 4810

Ion Ratio Lower Upper

93 100

63 54.7 44.6 66.8

95 33.0 26.5 39.7

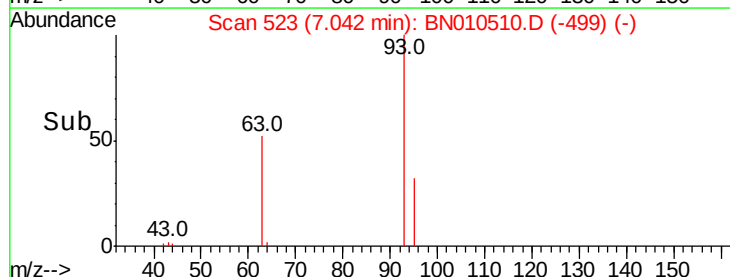


Abundance Ion 93.00 (92.70 to 93.70): BN010510.D (-499) (-)

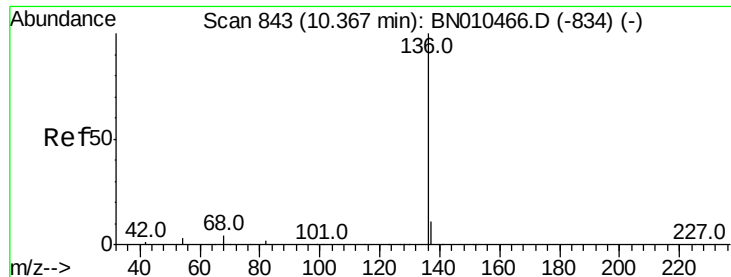
Ion 63.00 (62.70 to 63.70): BN010510.D (-499) (-)

Ion 95.00 (94.70 to 95.70): BN010510.D (-499) (-)

7.04



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 17757

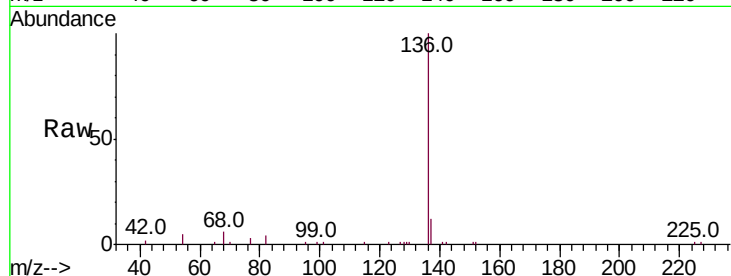
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 5.0 2.6 4.0#

68 5.9 3.4 5.2#

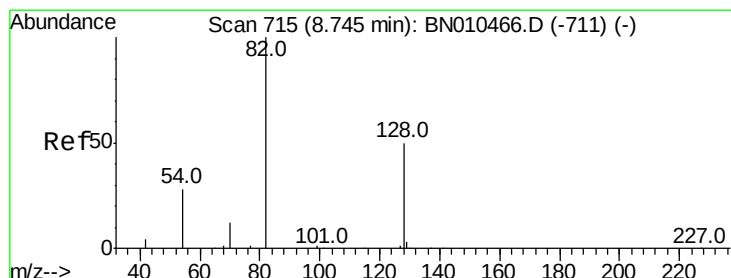
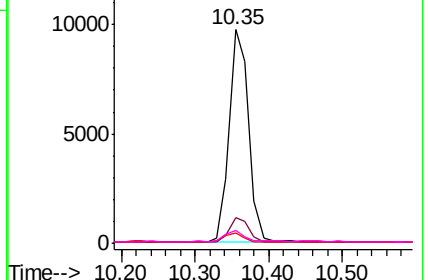
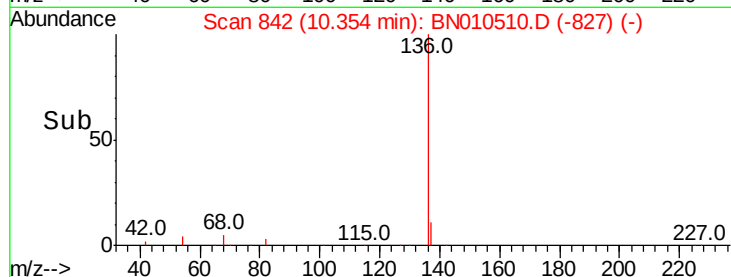


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0



#8

Nitrobenzene-d5

Concen: 0.435 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

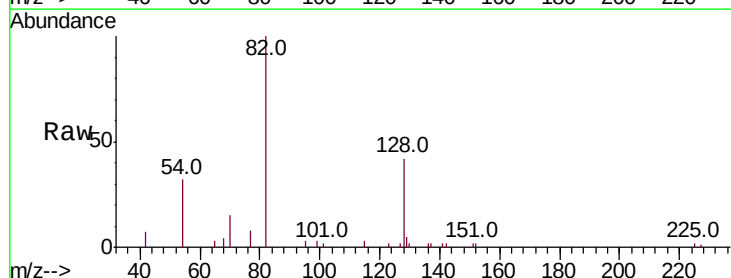
Tgt Ion: 82 Resp: 5402

Ion Ratio Lower Upper

82 100

128 42.4 41.3 61.9

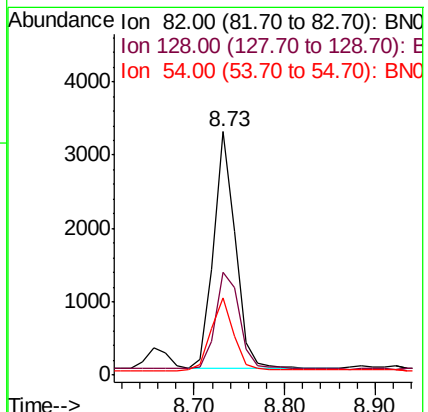
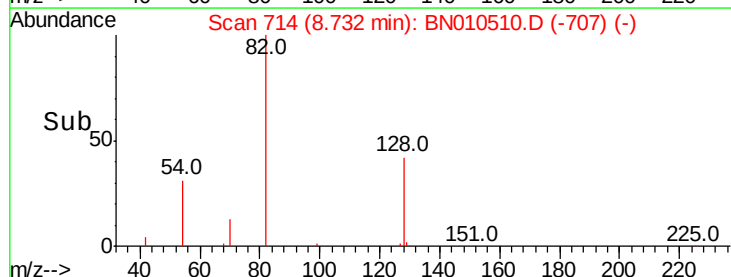
54 31.6 23.4 35.0

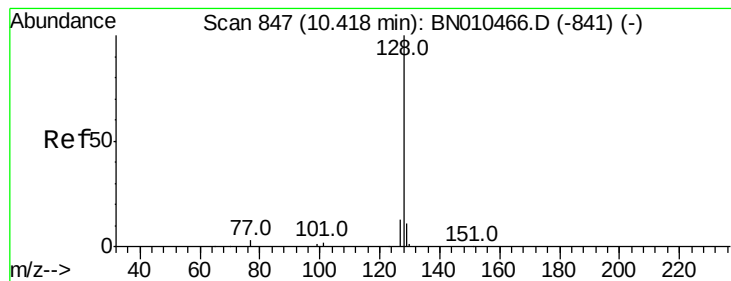


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0





#9

Naphthalene

Concen: 0.434 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

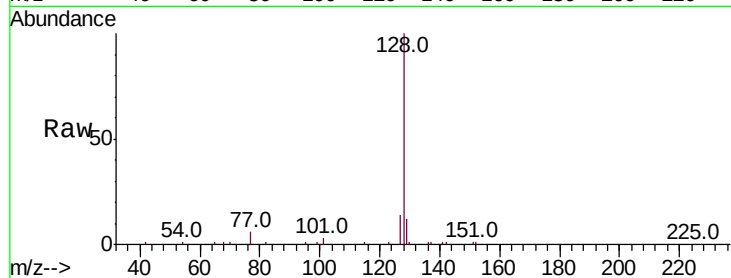
Tot Ion:128 Resp: 19139

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

127 13.9 10.5 15.7

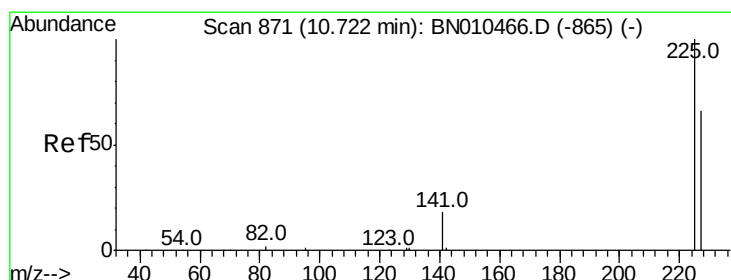
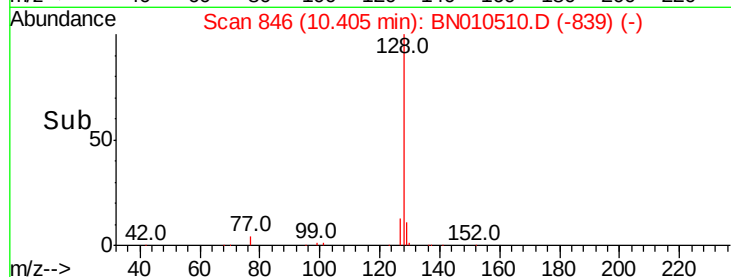
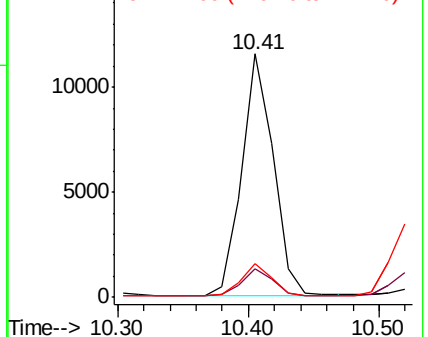


Abundance

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: 0.413 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

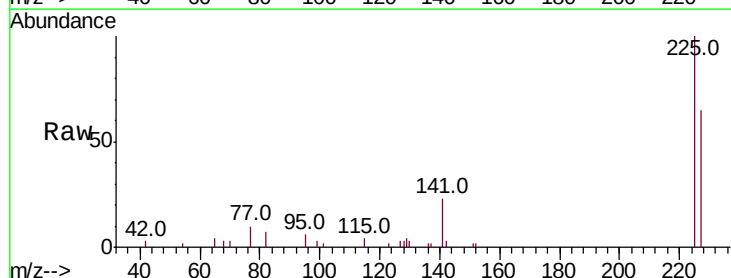
Tgt Ion:225 Resp: 4389

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.2 50.6 76.0

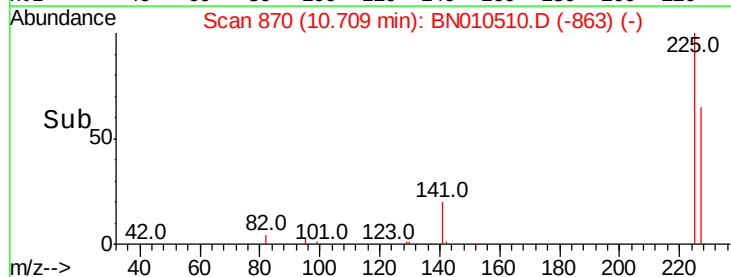
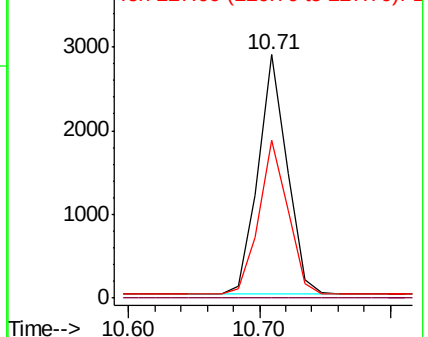


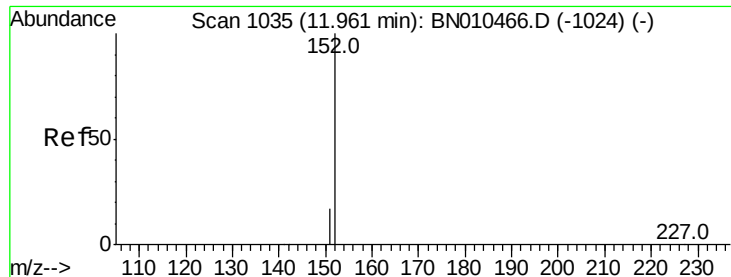
Abundance

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: 0.410 ng

RT: 11.95 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

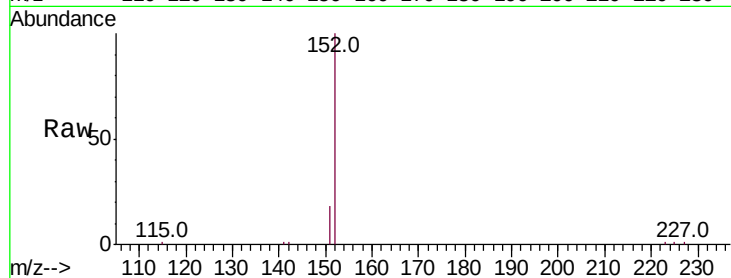
SSTDCCC0.4EC

Tot Ion:152 Resp: 11958

Ion Ratio Lower Upper

152 100

151 19.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.95

8000

6000

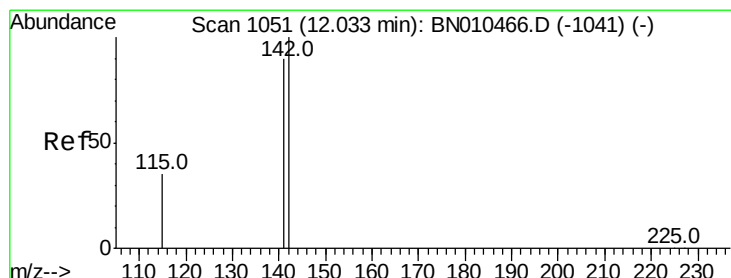
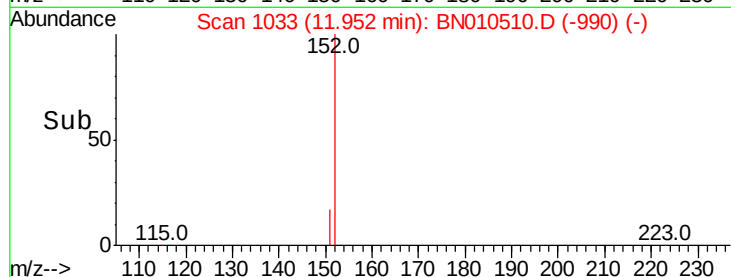
4000

2000

0

11.90 12.00 12.10

Time-->



#12

2-Methylnaphthalene

Concen: 0.447 ng

RT: 12.03 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

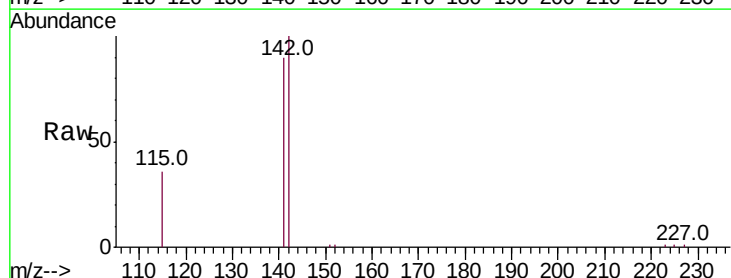
Tgt Ion:142 Resp: 14159

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9

115 35.7 28.8 43.2



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

12.03

12000

10000

8000

6000

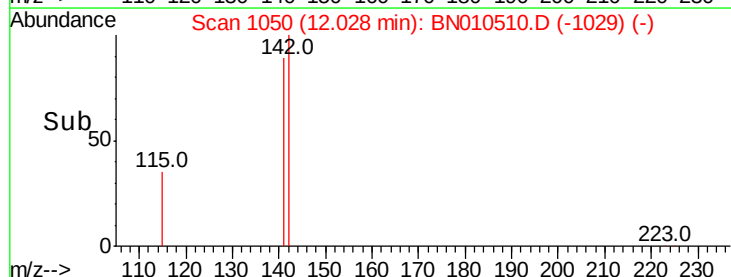
4000

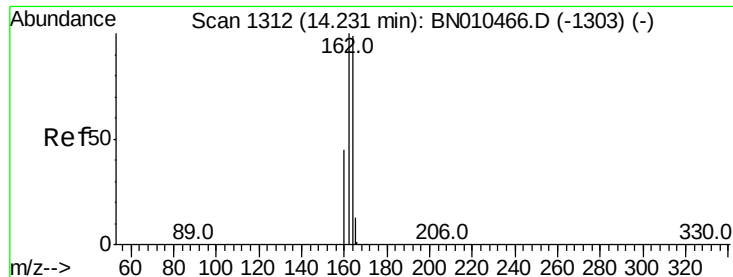
2000

0

12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

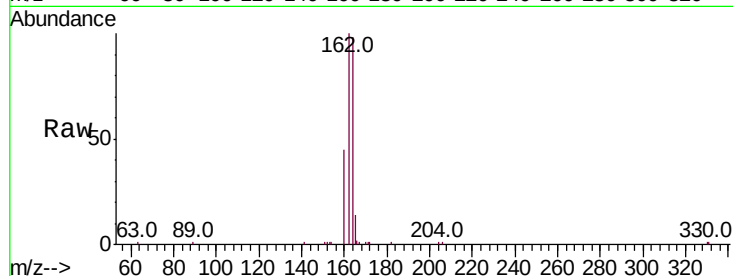
Tot Ion:164 Resp: 11710

Ion Ratio Lower Upper

164 100

162 101.6 80.6 121.0

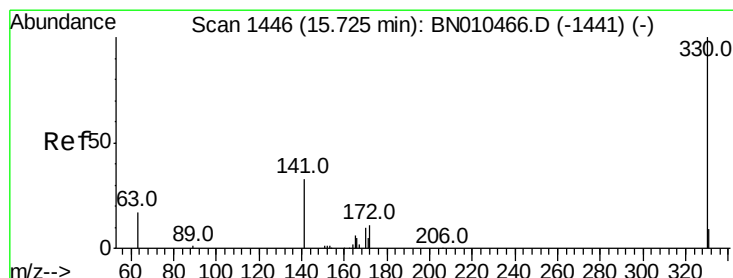
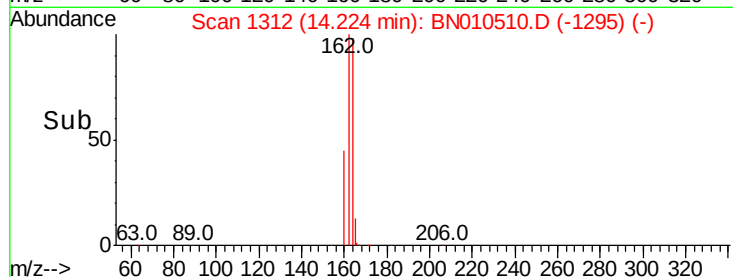
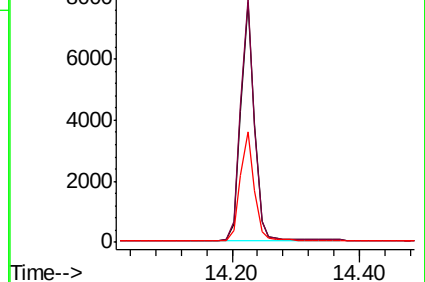
160 46.2 36.5 54.7



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: 0.415 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

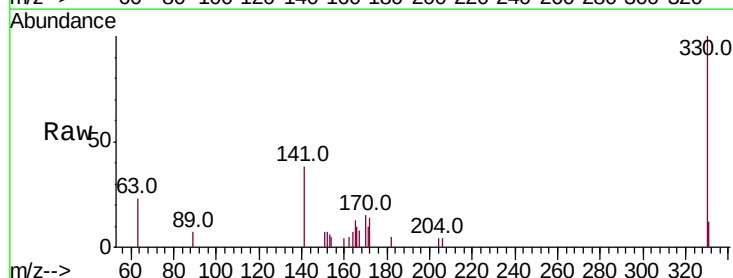
Tgt Ion:330 Resp: 2293

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

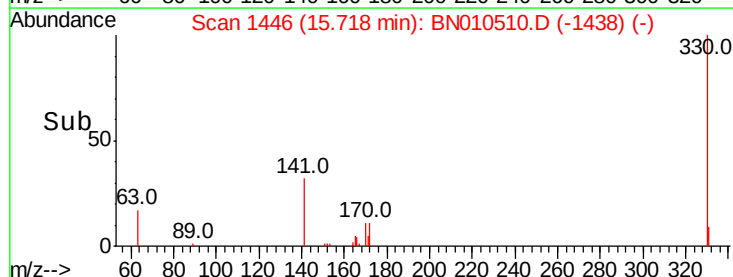
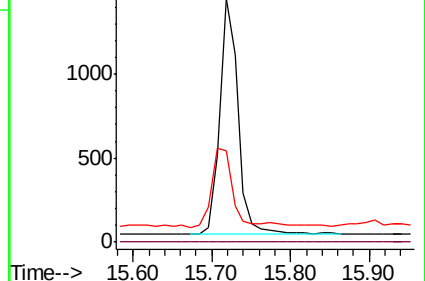
141 39.0 28.1 42.1

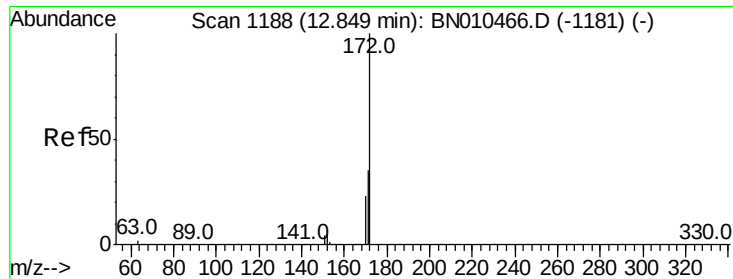


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

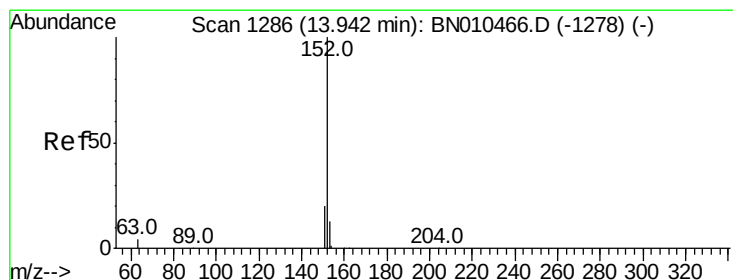
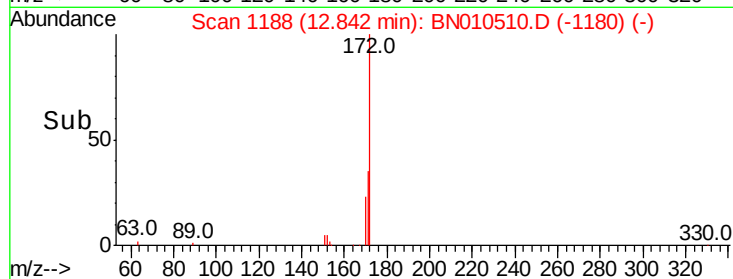
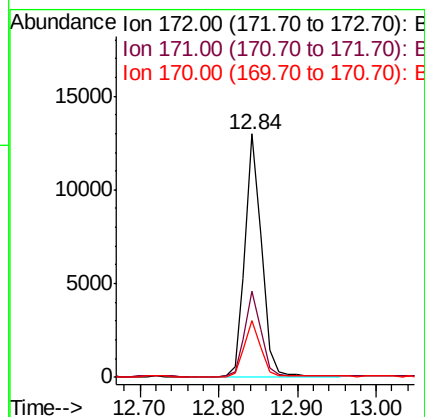
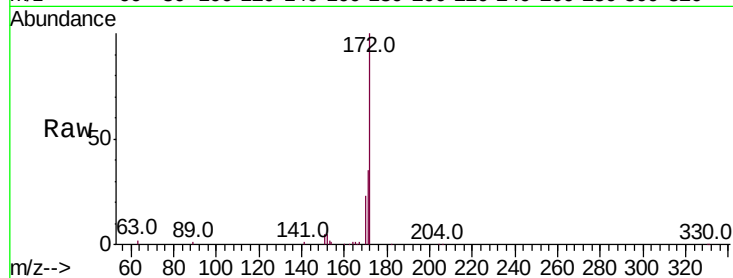




#15
2-Fluorobiphenyl
Concen: 0.446 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010510.D
Acq: 15 Apr 2020 16:24

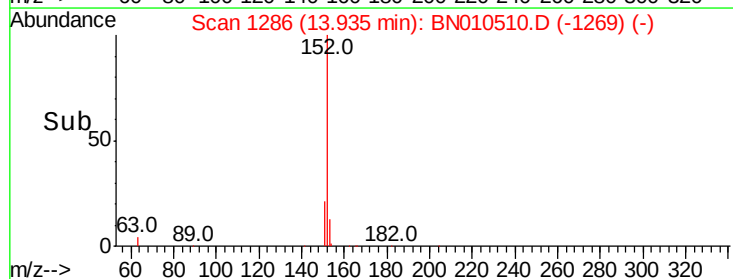
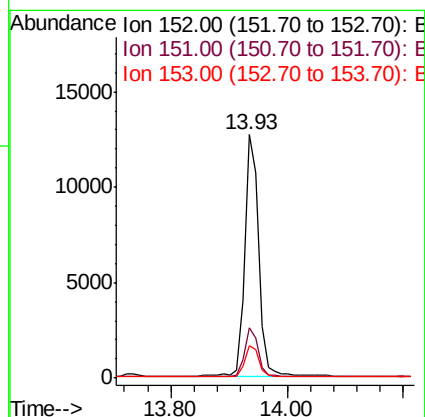
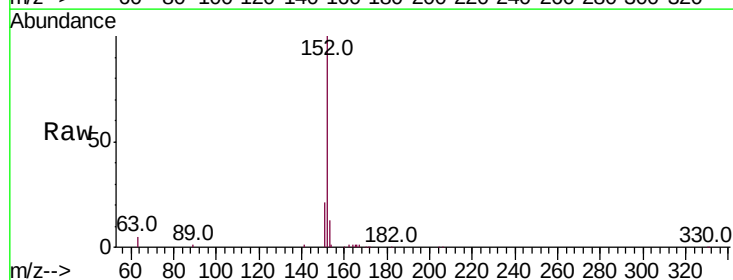
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

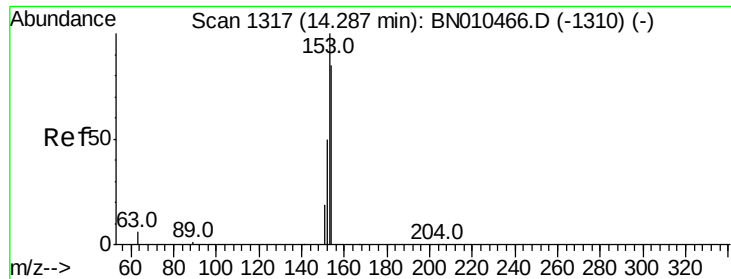
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.4	18.4	27.6



#16
Acenaphthylene
Concen: 0.428 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN010510.D
Acq: 15 Apr 2020 16:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.6	15.8





#17

Acenaphthene

Concen: 0.435 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

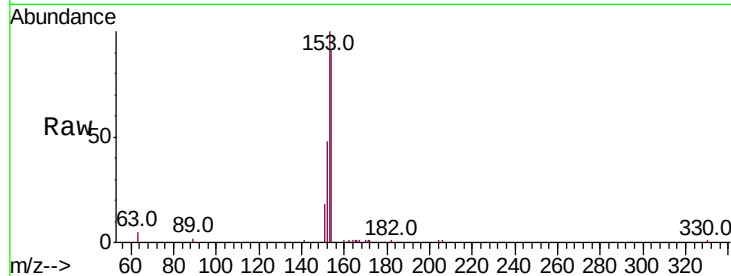
Tot Ion:154 Resp: 14134

Ion Ratio Lower Upper

154 100

153 110.8 91.0 136.4

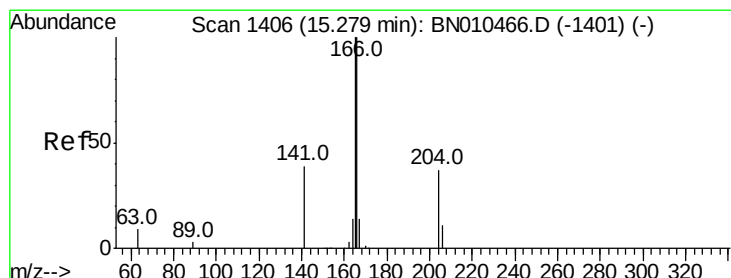
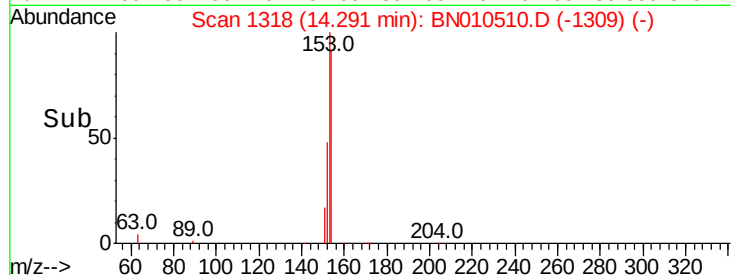
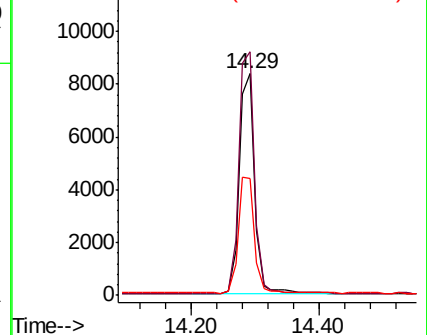
152 54.4 44.6 67.0



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: 0.435 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

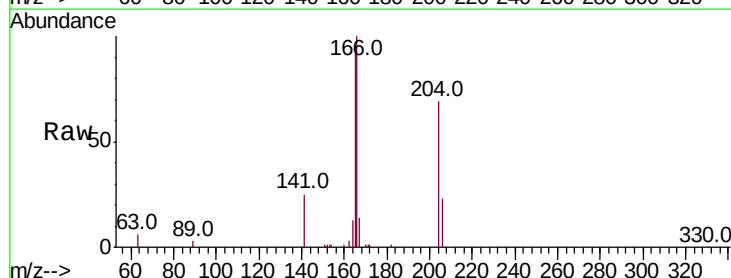
Tgt Ion:166 Resp: 18538

Ion Ratio Lower Upper

166 100

165 97.9 78.4 117.6

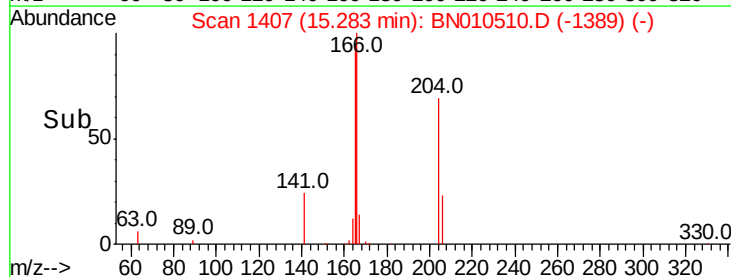
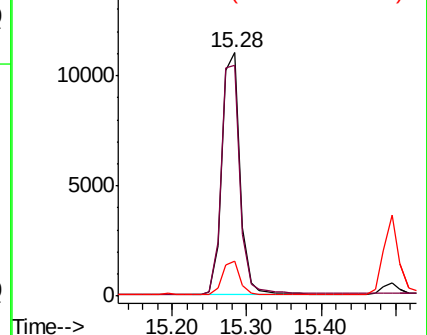
167 13.7 10.9 16.3

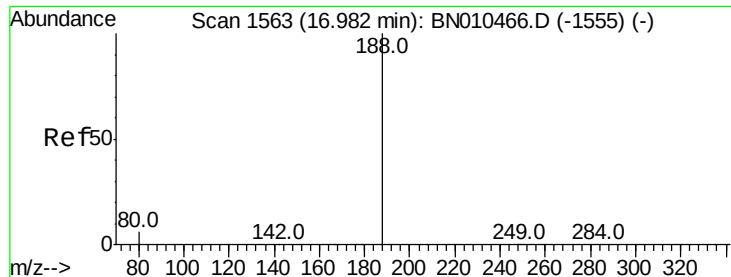


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

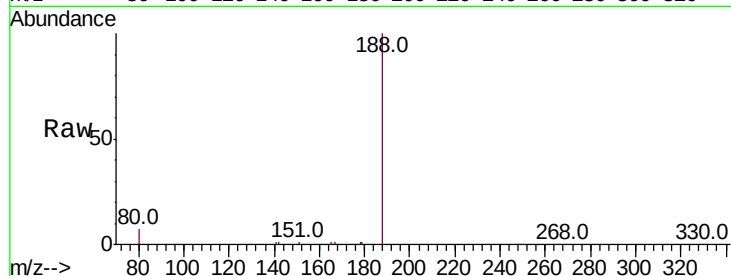
Tot Ion:188 Resp: 26795

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

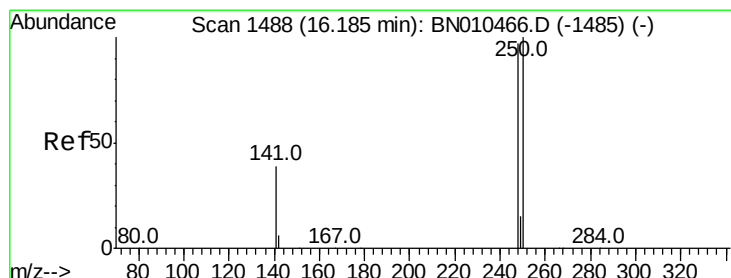
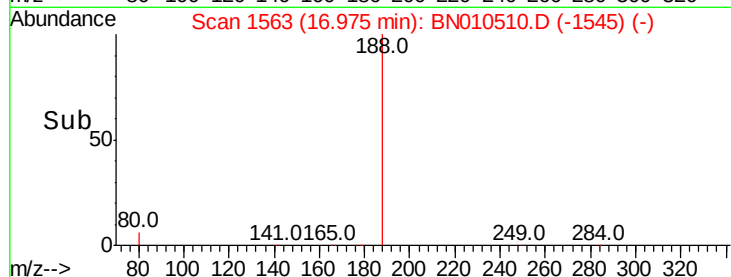
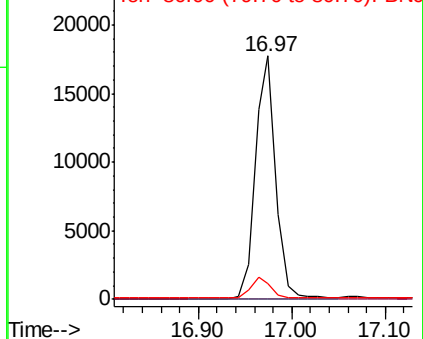
80 6.6 5.0 7.6



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: 0.407 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

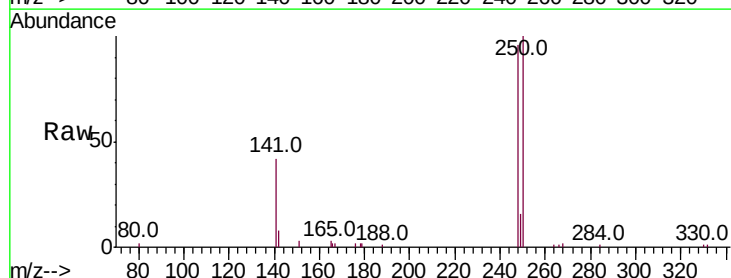
Tgt Ion:248 Resp: 6059

Ion Ratio Lower Upper

248 100

250 104.3 82.3 123.5

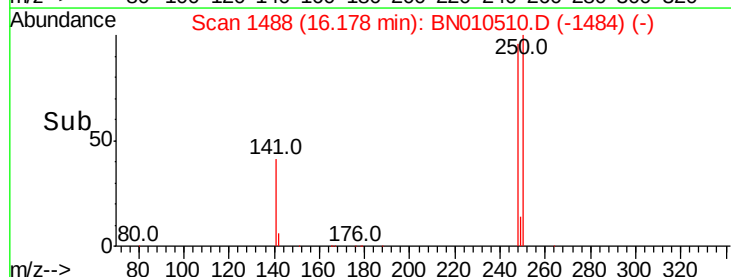
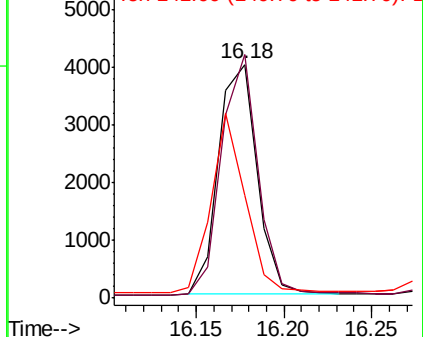
141 44.2 35.2 52.8

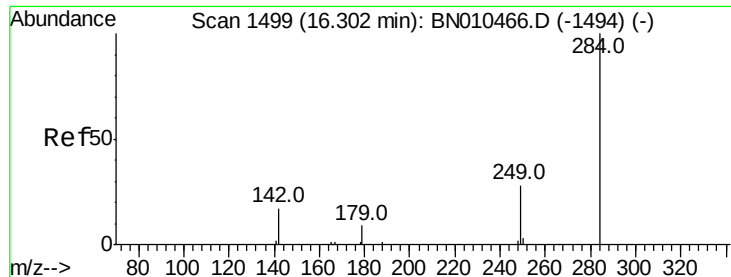


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.425 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

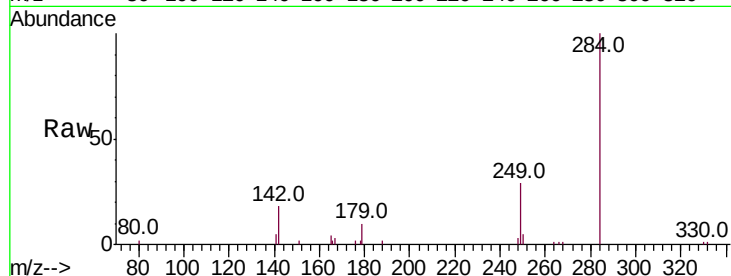
Tot Ion:284 Resp: 7216

Ion Ratio Lower Upper

284 100

142 32.4 25.5 38.3

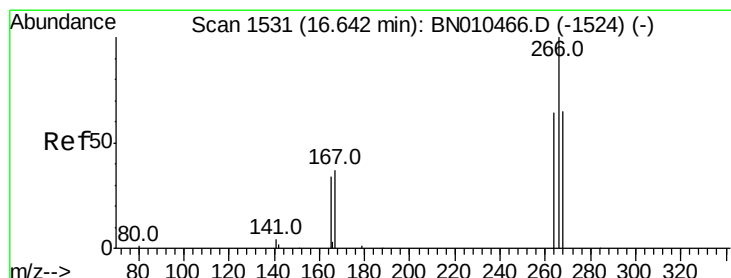
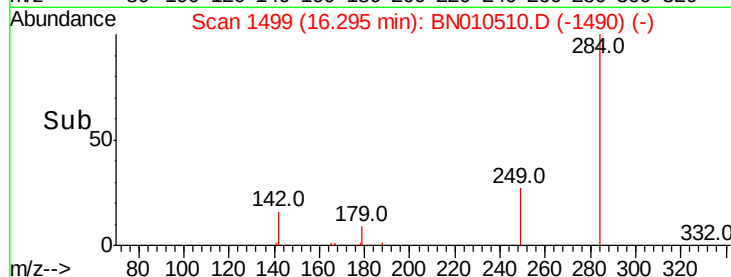
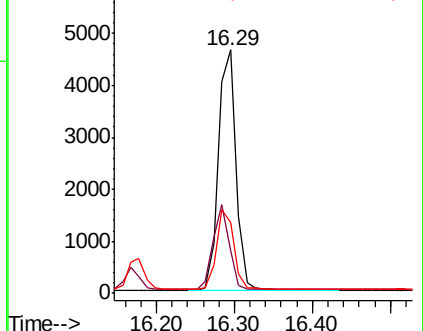
249 32.6 25.8 38.6



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: 0.440 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

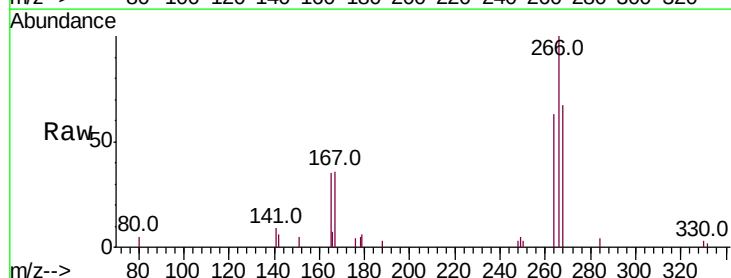
Tgt Ion:266 Resp: 2939

Ion Ratio Lower Upper

266 100

264 62.8 51.8 77.6

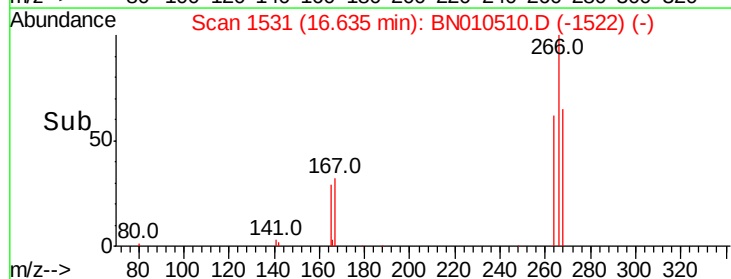
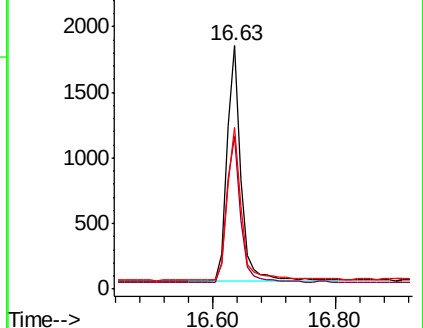
268 66.5 53.7 80.5

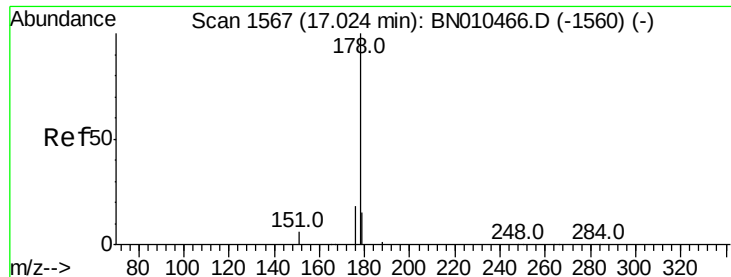


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.448 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

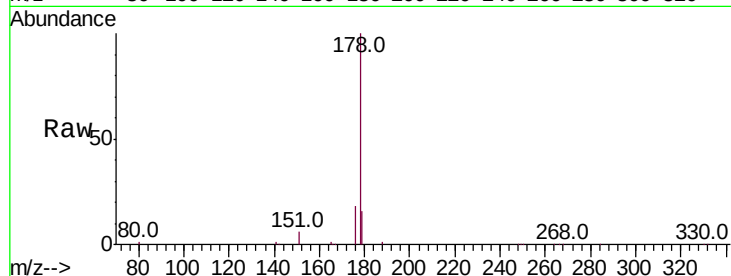
Tot Ion:178 Resp: 32451

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

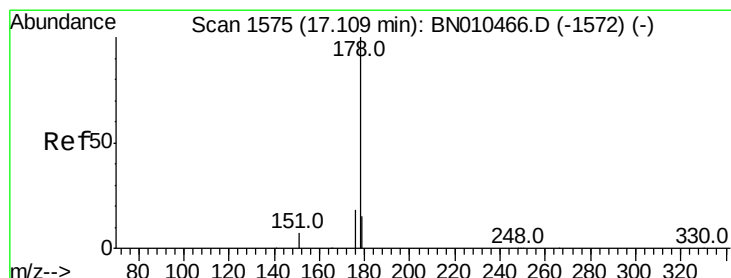
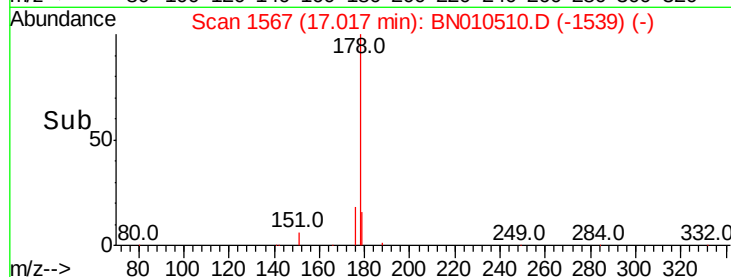
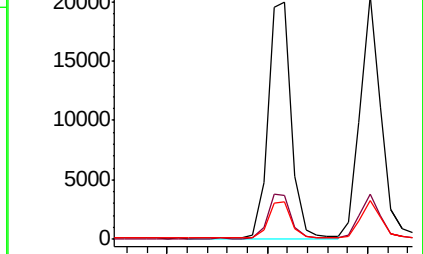
179 15.5 12.6 18.8



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: 0.450 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

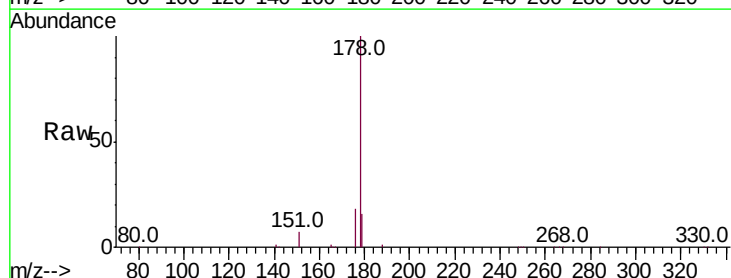
Tgt Ion:178 Resp: 29783

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

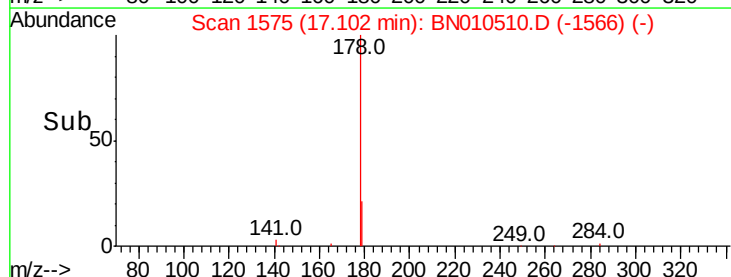
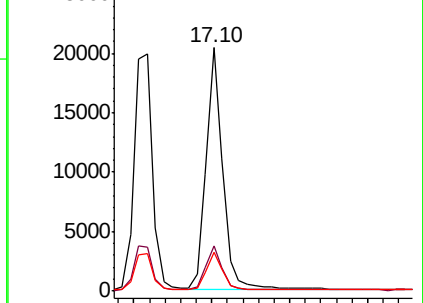
179 15.2 12.2 18.2

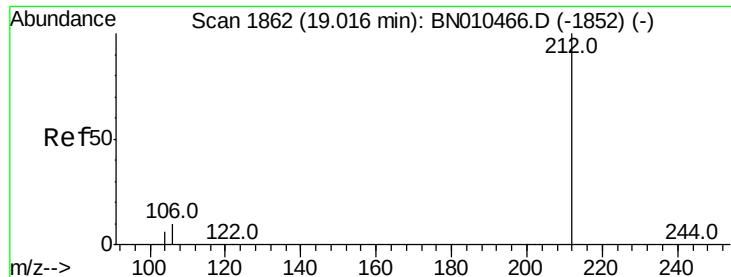


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.436 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

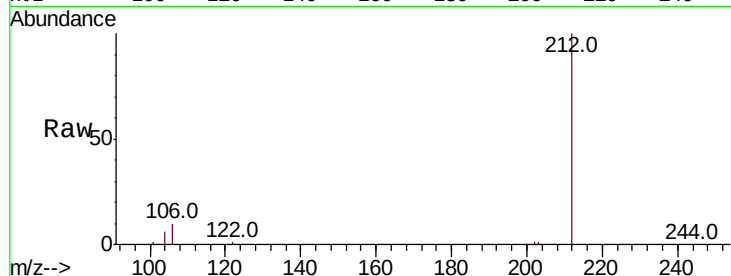
Tot Ion:212 Resp: 35403

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

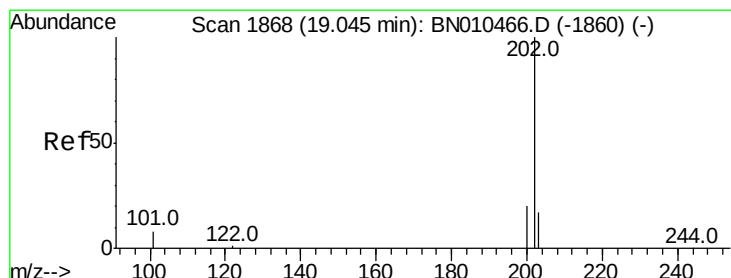
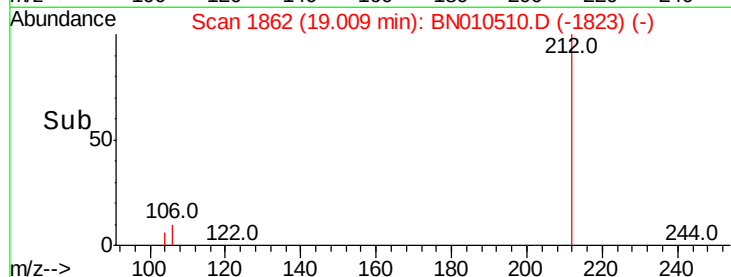
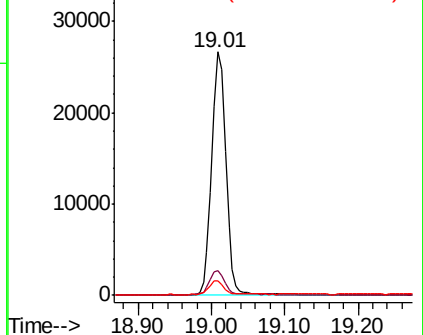
104 5.6 4.5 6.7



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: 0.470 ng

RT: 19.04 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

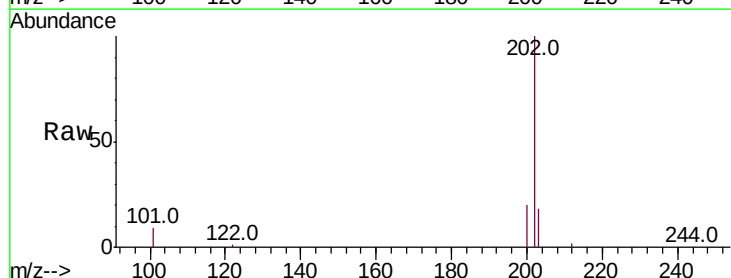
Tgt Ion:202 Resp: 42300

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

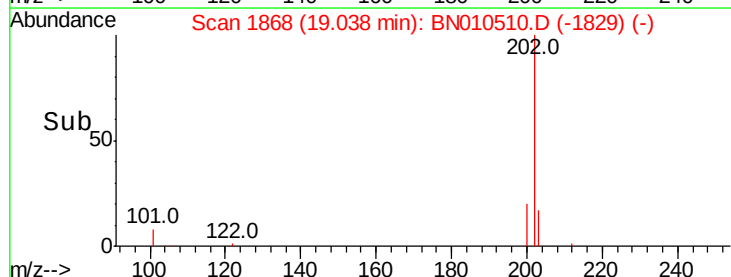
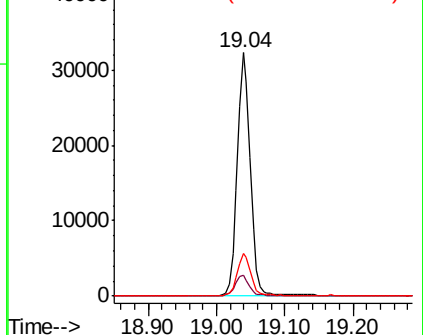
203 17.1 13.9 20.9

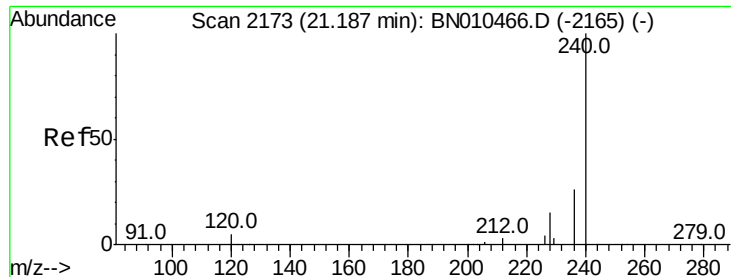


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

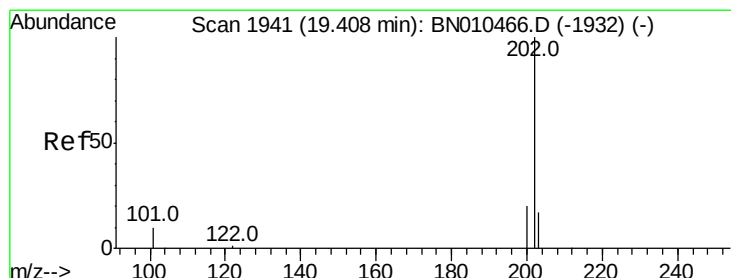
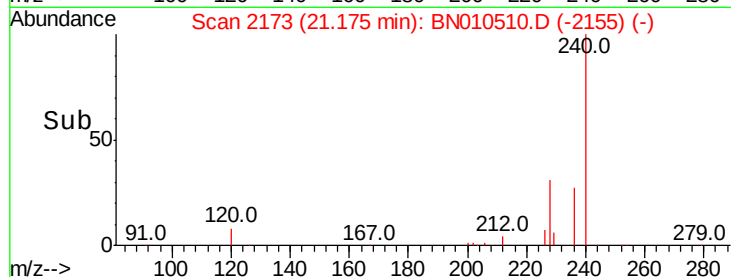
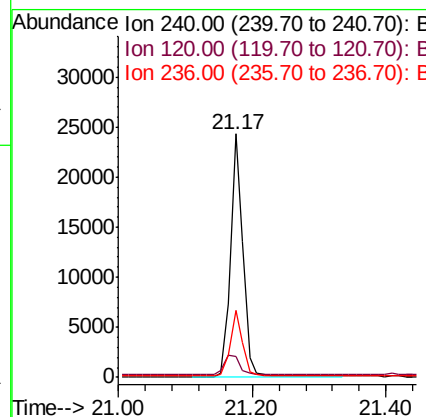
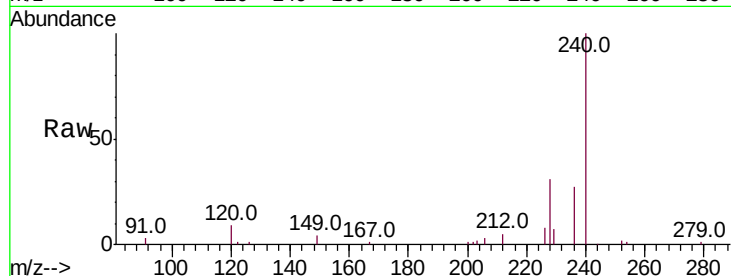




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.17 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BN010510.D
 Acq: 15 Apr 2020 16:24

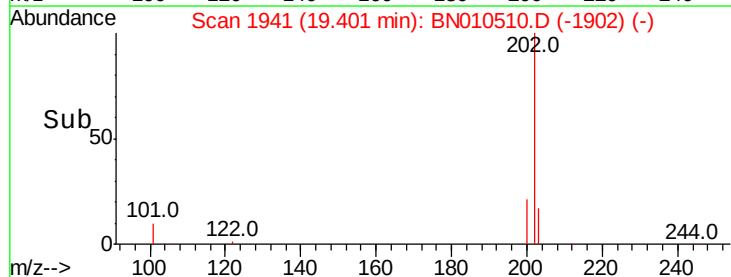
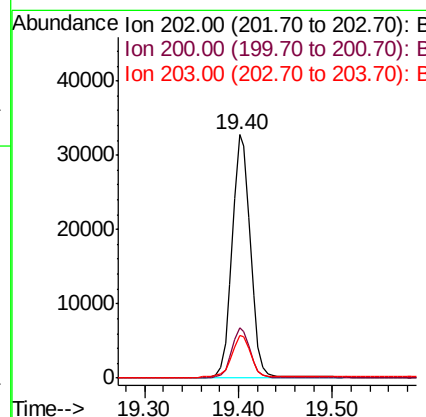
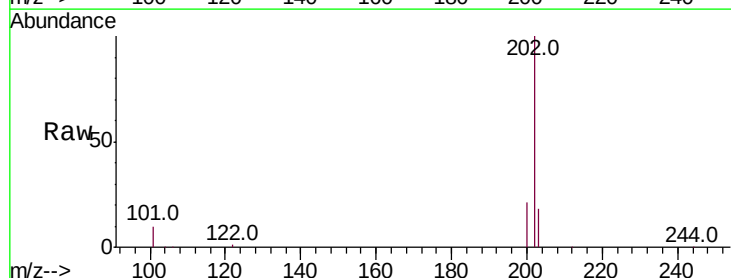
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

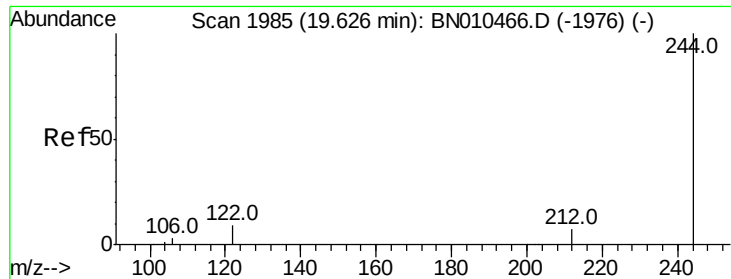
Tot Ion:240 Resp: 30850
 Ion Ratio Lower Upper
 240 100
 120 8.7 4.8 7.2#
 236 27.3 21.4 32.0



#28
 Pyrene
 Concen: 0.422 ng
 RT: 19.40 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BN010510.D
 Acq: 15 Apr 2020 16:24

Tgt Ion:202 Resp: 43785
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.3 24.5
 203 18.1 14.0 21.0





#29

Terphenyl-d14

Concen: 0.463 ng

RT: 19.62 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

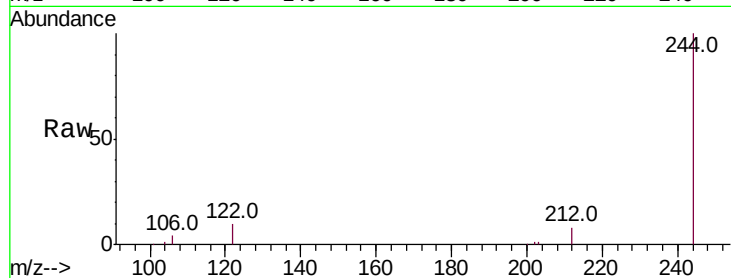
Tot Ion:244 Resp: 32673

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

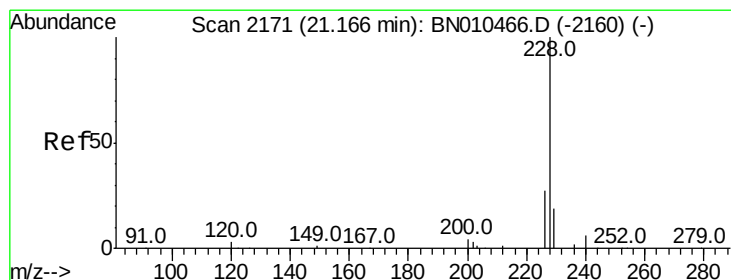
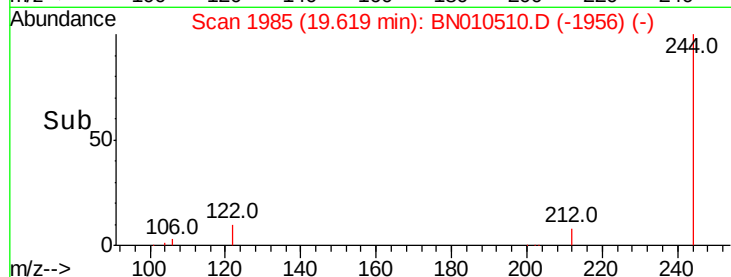
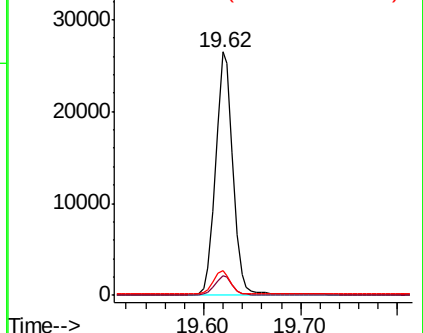
122 10.2 7.8 11.8



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: 0.423 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

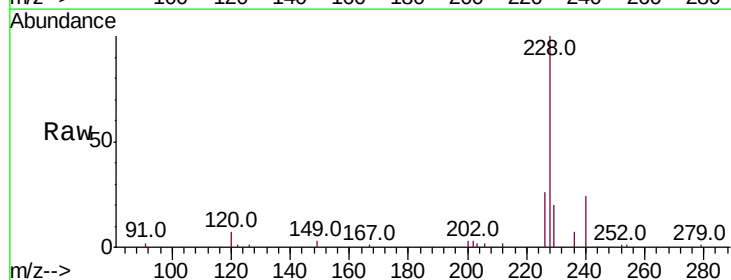
Tgt Ion:228 Resp: 42589

Ion Ratio Lower Upper

228 100

226 26.0 21.7 32.5

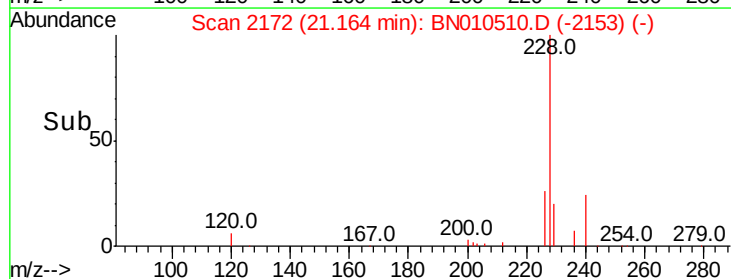
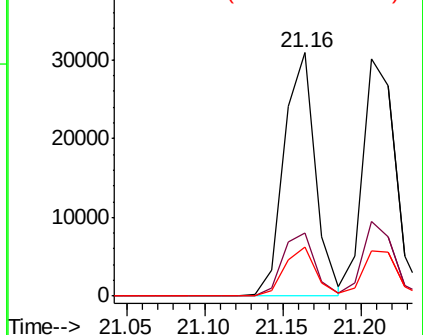
229 20.1 15.6 23.4

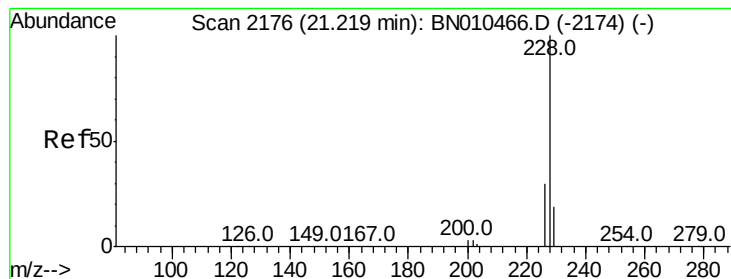


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.430 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

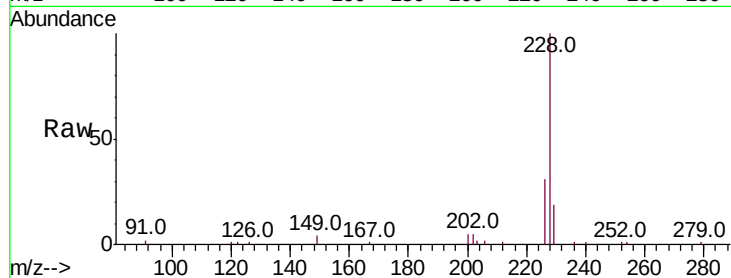
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 43153

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	19.1	15.8	23.6

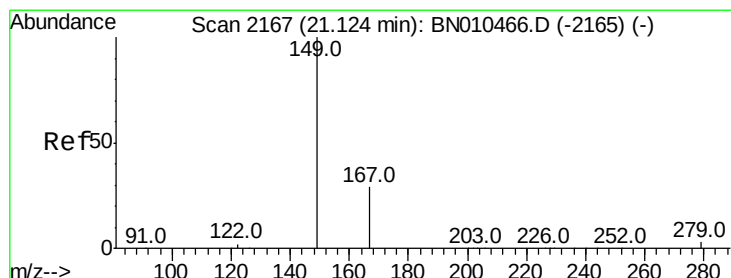
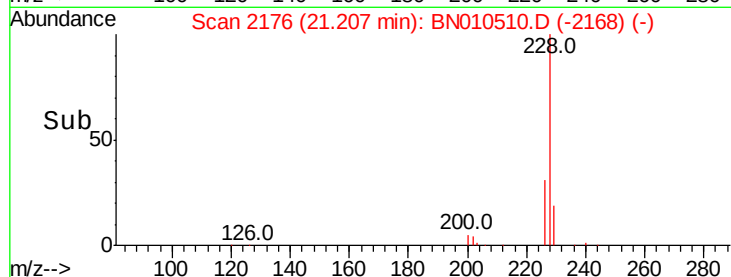
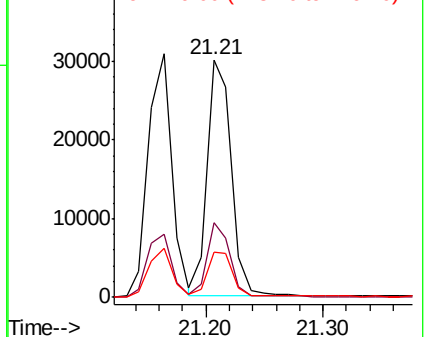


Abundance

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: 0.378 ng

RT: 21.12 min Scan# 2168

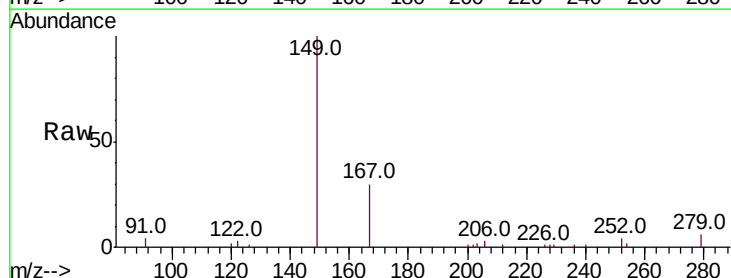
Delta R.T. -0.00 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Tgt Ion:149 Resp: 19512

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	4.9	4.0	6.0

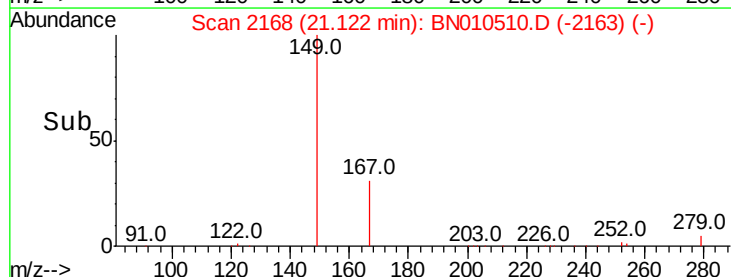
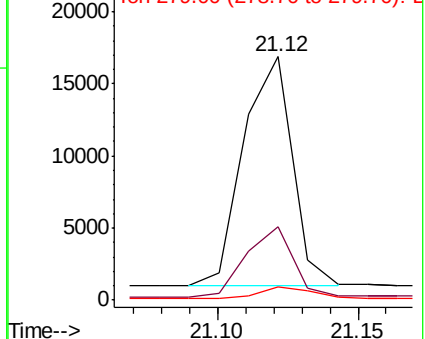


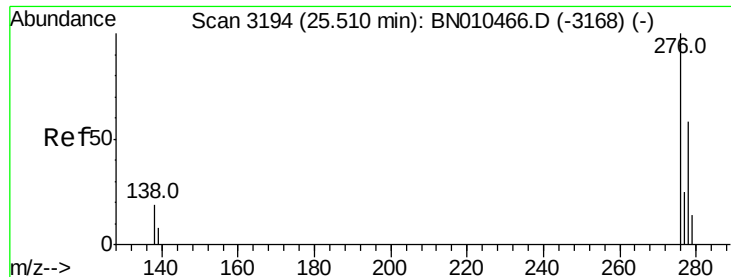
Abundance

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: 0.453 ng

RT: 25.49 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

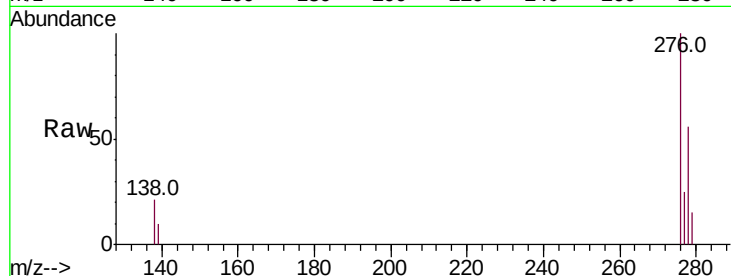
Tot Ion:276 Resp: 40195

Ion Ratio Lower Upper

276 100

138 21.0 16.4 24.6

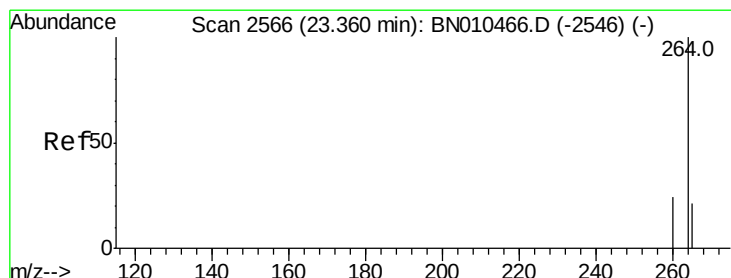
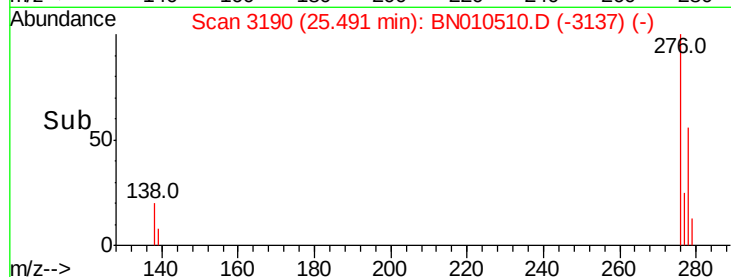
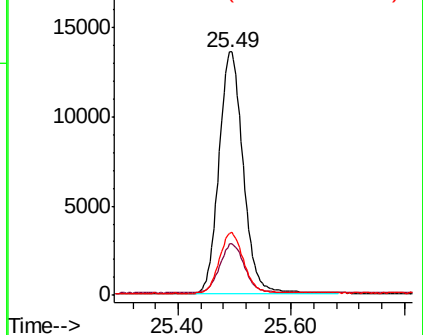
277 24.9 19.8 29.6



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: 23.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

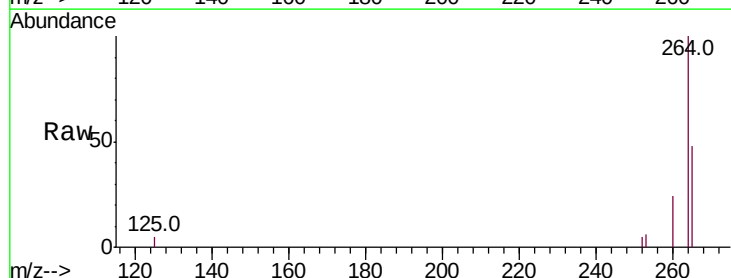
Tgt Ion:264 Resp: 27720

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

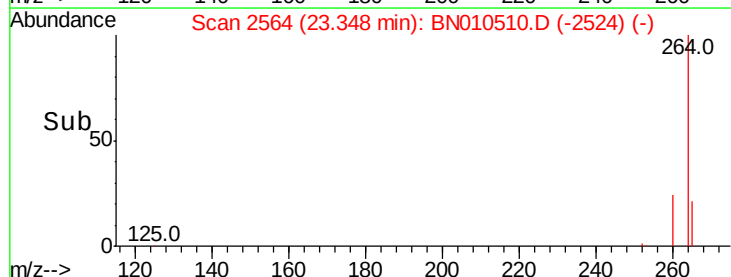
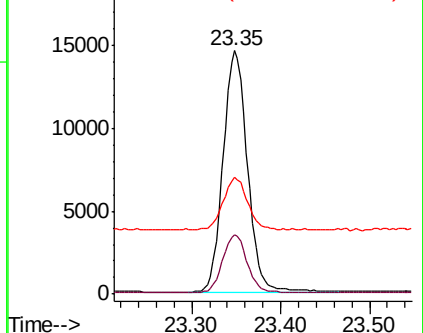
265 47.8 42.3 63.5

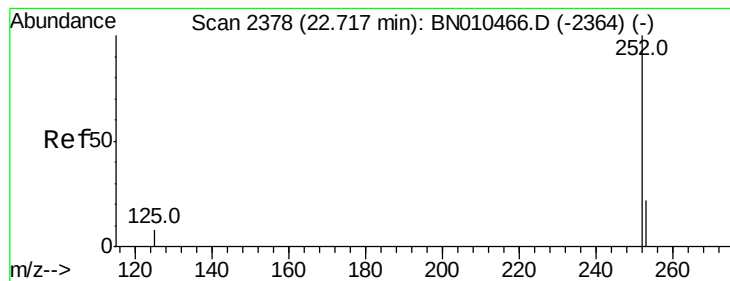


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.426 ng

RT: 22.70 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

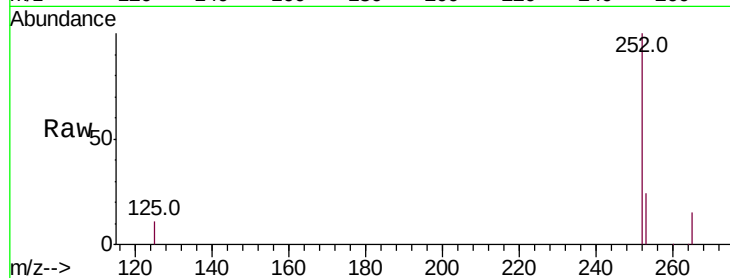
Tot Ion:252 Resp: 38874

Ion Ratio Lower Upper

252 100

253 24.3 20.2 30.4

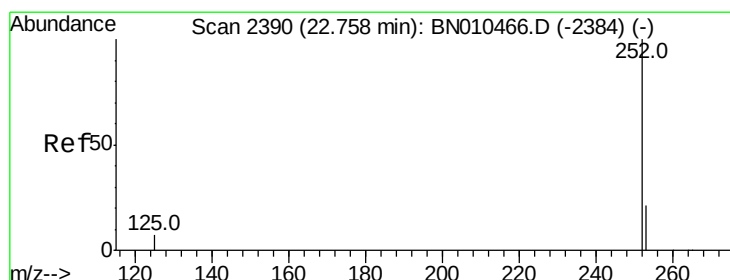
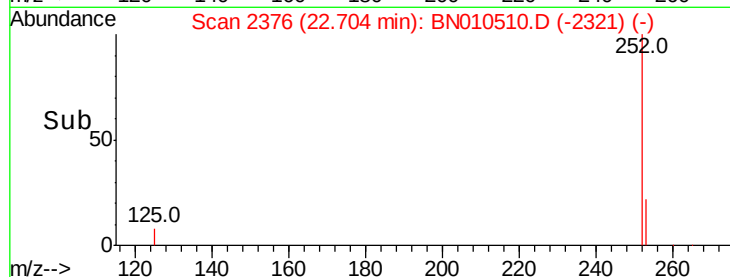
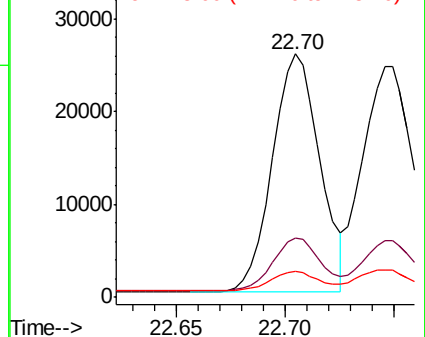
125 10.5 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.440 ng

RT: 22.75 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

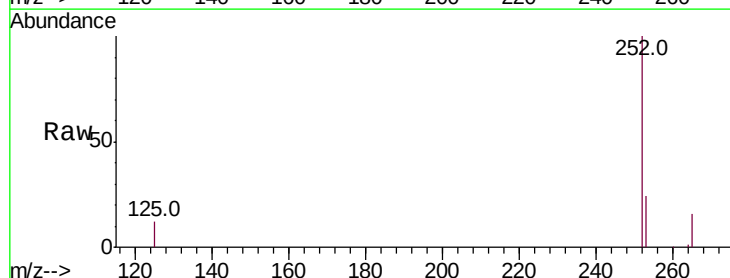
Tgt Ion:252 Resp: 40239

Ion Ratio Lower Upper

252 100

253 24.3 20.1 30.1

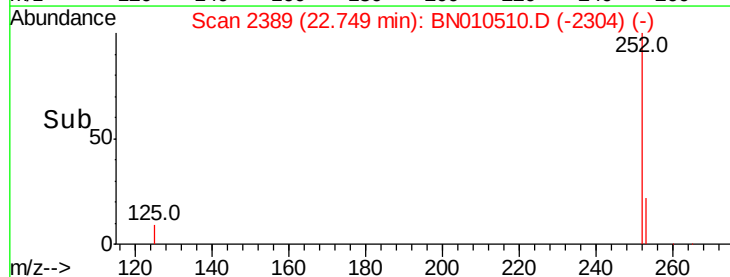
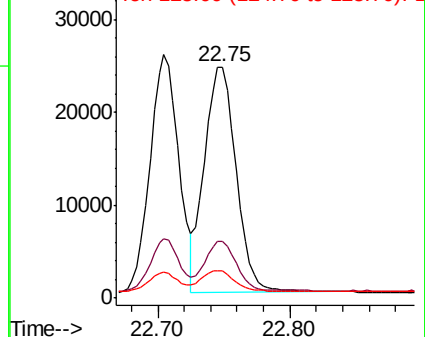
125 11.6 9.6 14.4

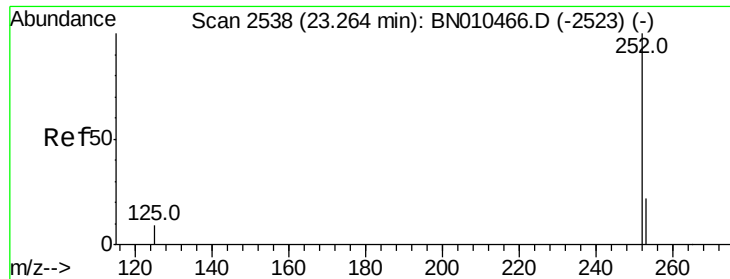


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.444 ng

RT: 23.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

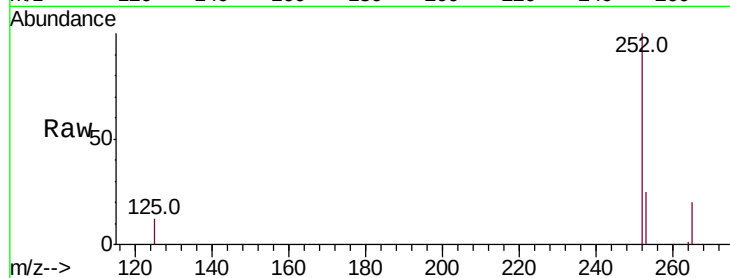
Tot Ion:252 Resp: 35846

Ion Ratio Lower Upper

252 100

253 25.0 21.8 32.8

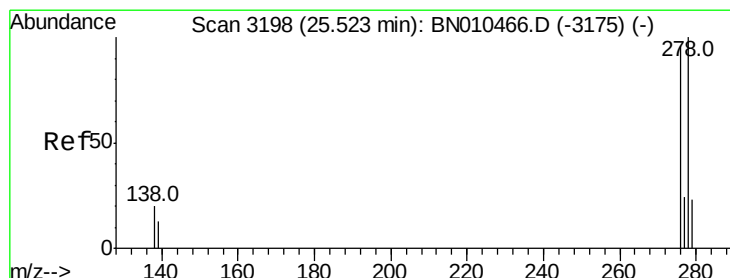
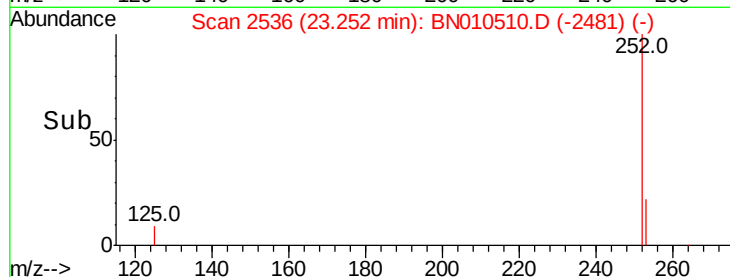
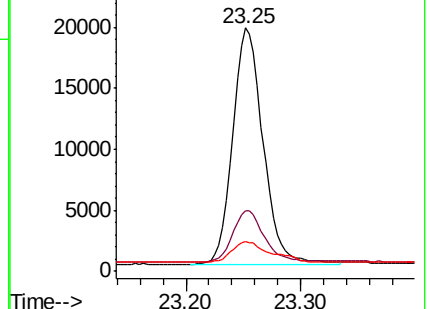
125 12.3 11.0 16.6



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: 0.448 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

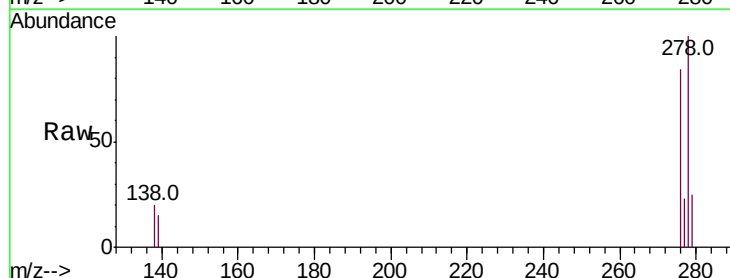
Tgt Ion:278 Resp: 33101

Ion Ratio Lower Upper

278 100

139 14.7 12.3 18.5

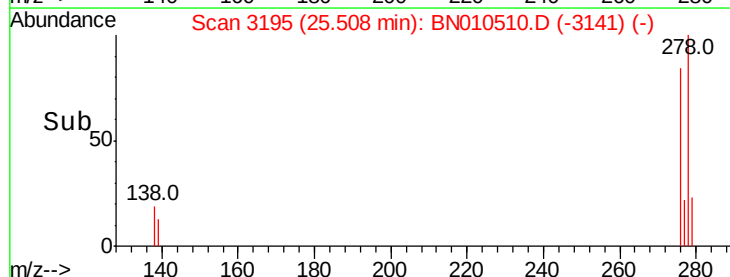
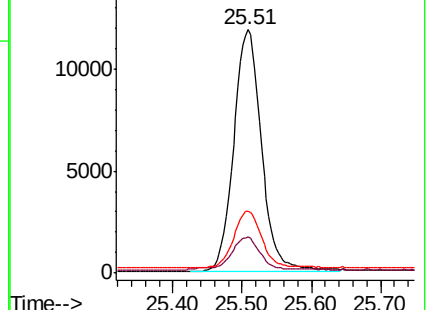
279 25.5 21.9 32.9

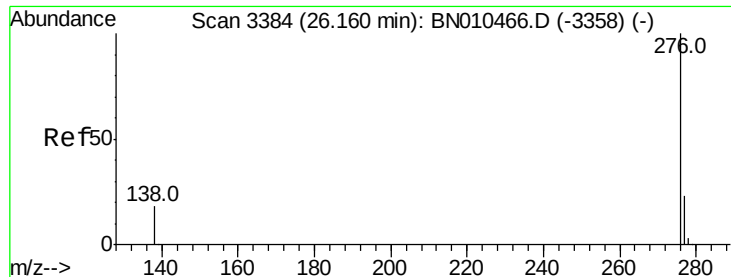


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.451 ng

RT: 26.14 min Scan# 3381

Delta R.T. -0.02 min

Lab File: BN010510.D

Acq: 15 Apr 2020 16:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

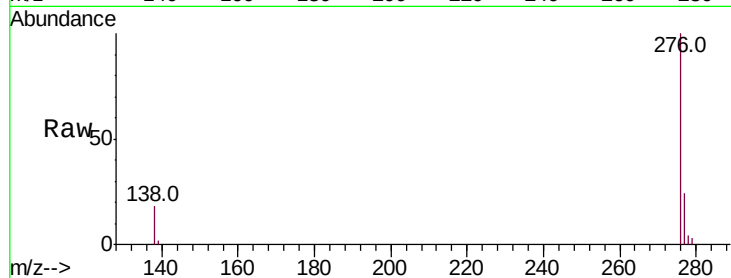
Tot Ion:276 Resp: 33511

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.2

138 18.5 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

