

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
 Data File : BN010464.D
 Acq On : 13 Apr 2020 13:12
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Apr 13 18:06:30 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 14:54:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4597	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	18744	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	11802	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	26982	0.40	ng	0.00
27) Chrysene-d12	21.19	240	26583	0.40	ng	0.00
34) Perylene-d12	23.36	264	24268	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1059	0.12	ng	0.00
5) Phenol-d6	6.79	99	1310	0.12	ng	0.00
8) Nitrobenzene-d5	8.75	82	1260	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	11.96	152	2917	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	463	0.10	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	4161	0.09	ng	0.00
25) Fluoranthene-d10	19.02	212	7612	0.09	ng	0.00
29) Terphenyl-d14	0.00	244	0d	0.00	ng	

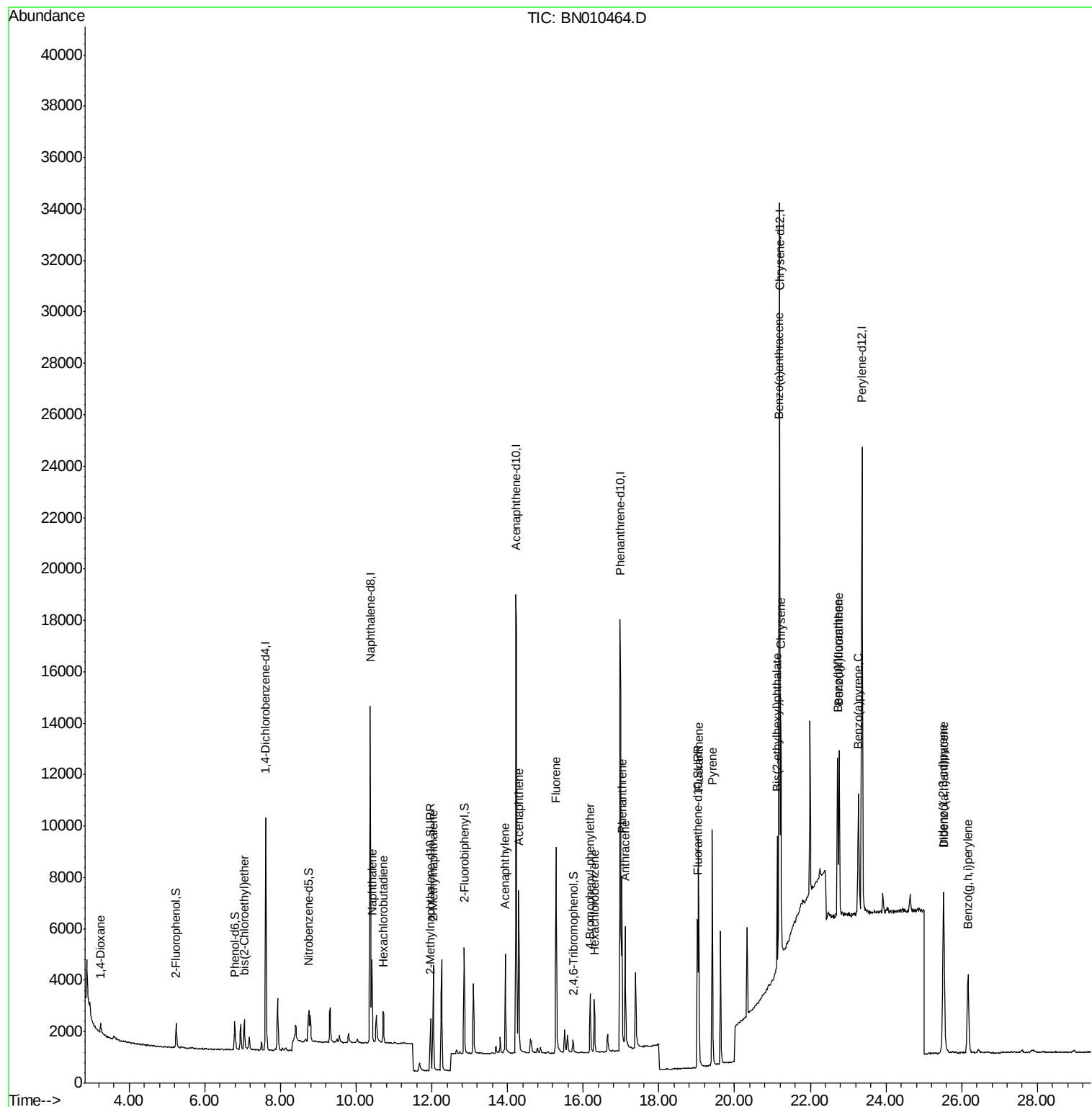
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	321	0.074	ng	91
6) bis(2-Chloroethyl)ether	7.04	93	1200	0.110	ng	99
9) Naphthalene	10.42	128	4547	0.097	ng	96
10) Hexachlorobutadiene	10.71	225	1117	0.099	ng	# 100
12) 2-Methylnaphthalene	12.04	142	3240	0.100	ng	100
16) Acenaphthylene	13.95	152	4604	0.099	ng	99
17) Acenaphthene	14.29	154	3078	0.093	ng	98
18) Fluorene	15.28	166	4005	0.091	ng	99
20) 4-Bromophenyl-phenylether	16.18	248	1301	0.079	ng	# 77
21) Hexachlorobenzene	16.29	284	1668	0.099	ng	98
23) Phenanthrene	17.02	178	6839	0.092	ng	99
24) Anthracene	17.11	178	5770	0.091	ng	99
26) Fluoranthene	19.05	202	8470	0.093	ng	100
28) Pyrene	19.41	202	8865	0.107	ng	100
30) Benzo(a)anthracene	21.17	228	8432	0.100	ng	98
31) Chrysene	21.22	228	8986	0.099	ng	98
32) Bis(2-ethylhexyl)phthalate	21.12	149	4640	0.162	ng	98
33) Indeno(1,2,3-cd)pyrene	25.51	276	7726	0.079	ng	96
35) Benzo(b)fluoranthene	22.72	252	7678	0.093	ng	# 80
36) Benzo(k)fluoranthene	22.76	252	8122	0.097	ng	# 76
37) Benzo(a)pyrene	23.27	252	6952	0.100	ng	# 75
38) Dibenzo(a,h)anthracene	25.53	278	6119	0.081	ng	# 84
39) Benzo(g,h,i)perylene	26.17	276	6325	0.084	ng	# 91

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

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QLast Update : Mon Apr 13 14:54:53 2020
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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: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

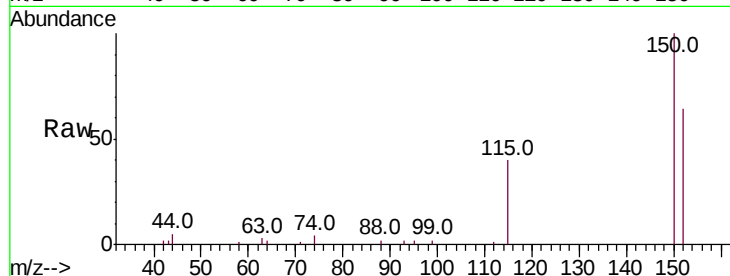
Tot Ion:152 Resp: 4597

Ion Ratio Lower Upper

152 100

150 155.6 121.8 182.6

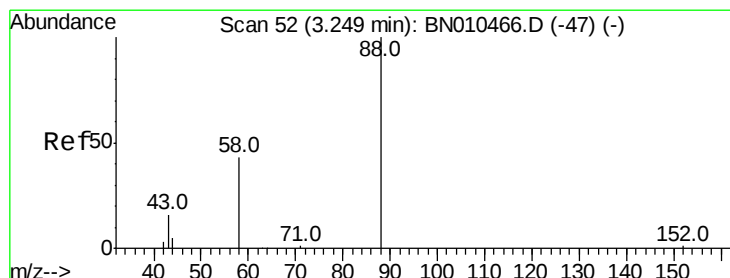
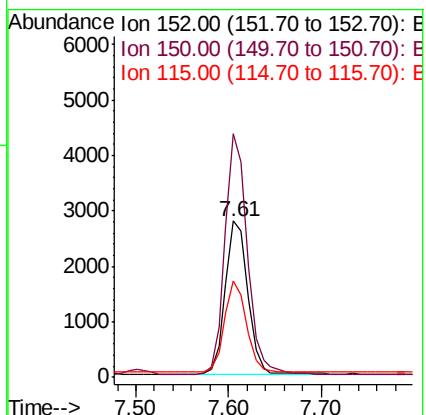
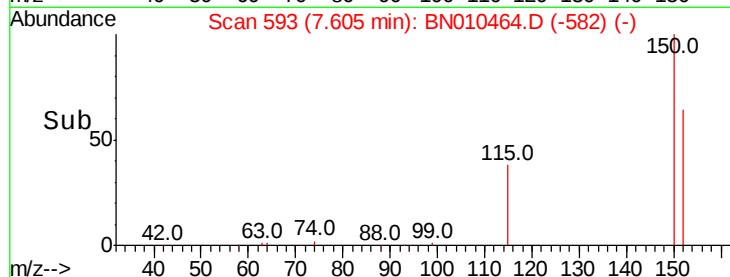
115 61.8 45.5 68.3



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: 0.074 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

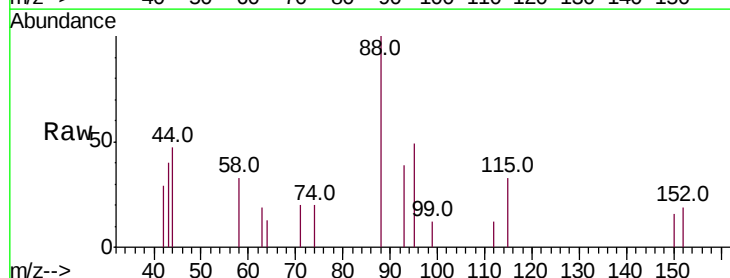
Tgt Ion: 88 Resp: 321

Ion Ratio Lower Upper

88 100

58 52.3 36.5 54.7

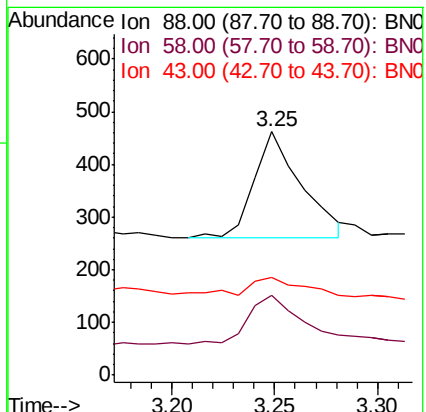
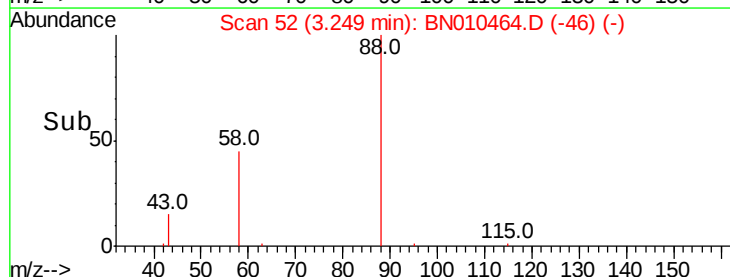
43 18.7 13.2 19.8

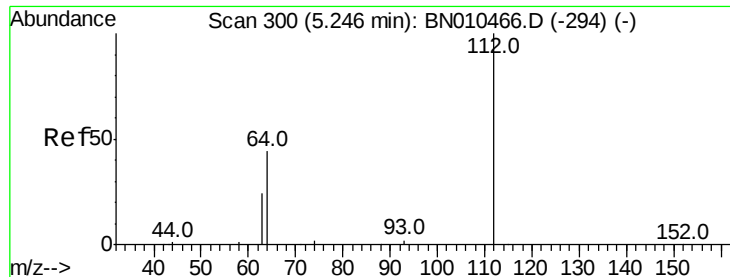


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

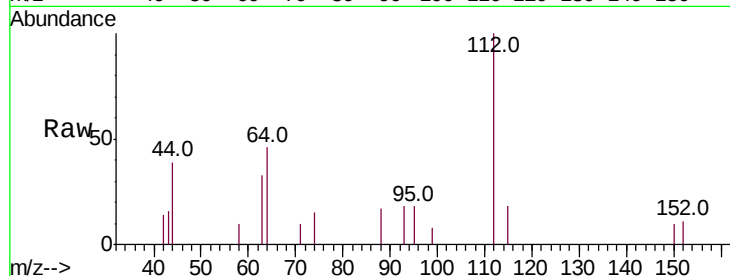
Tot Ion:112 Resp: 1059

Ion Ratio Lower Upper

112 100

64 43.4 35.8 53.8

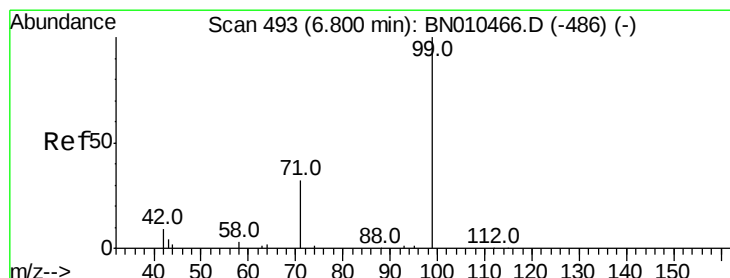
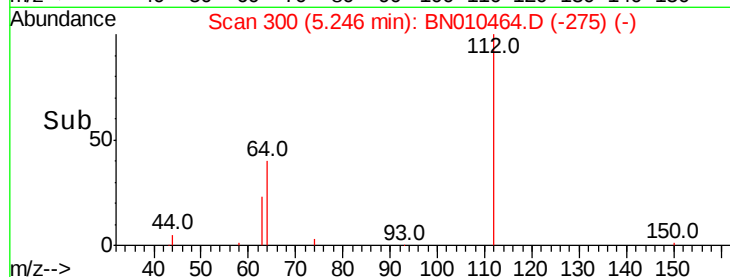
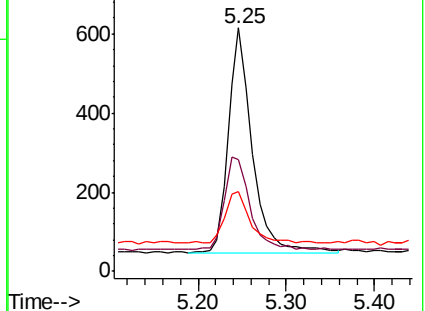
63 25.5 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.116 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

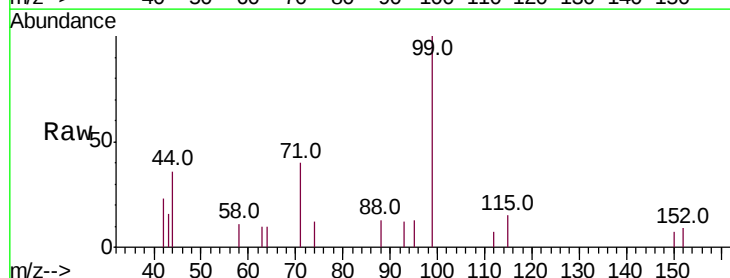
Tgt Ion: 99 Resp: 1310

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.6

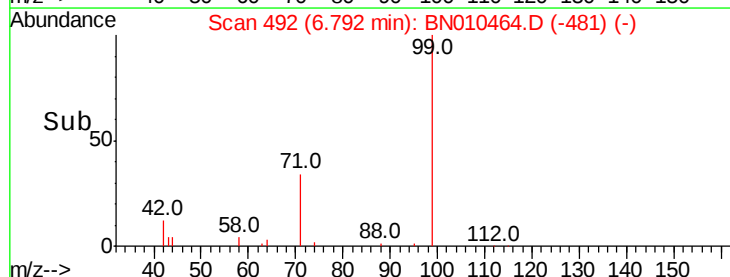
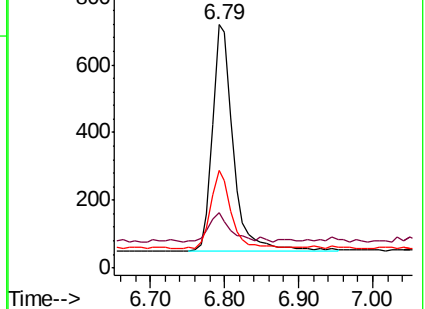
71 34.7 27.8 41.8

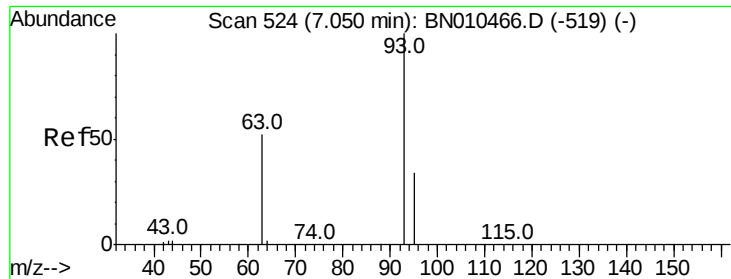


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.110 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

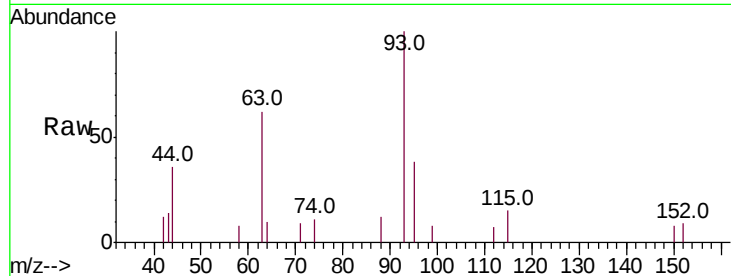
Tot Ion: 93 Resp: 1200

Ion Ratio Lower Upper

93 100

63 55.8 44.6 66.8

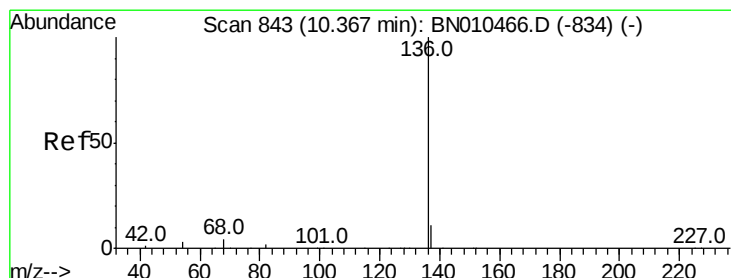
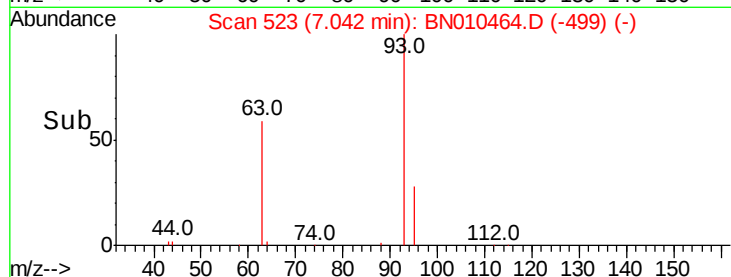
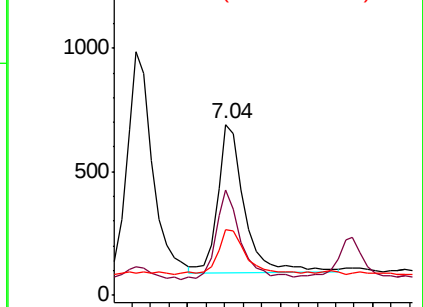
95 32.5 26.5 39.7



Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Tgt Ion:136 Resp: 18744

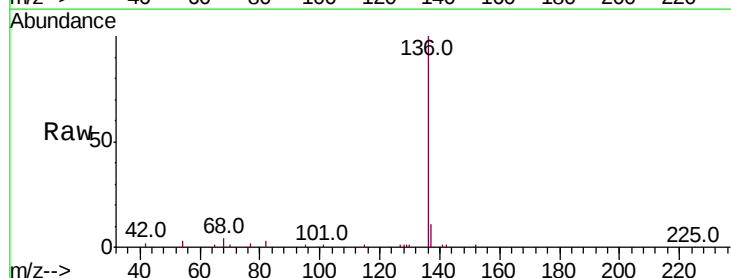
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 3.2 2.6 4.0

68 4.1 3.4 5.2

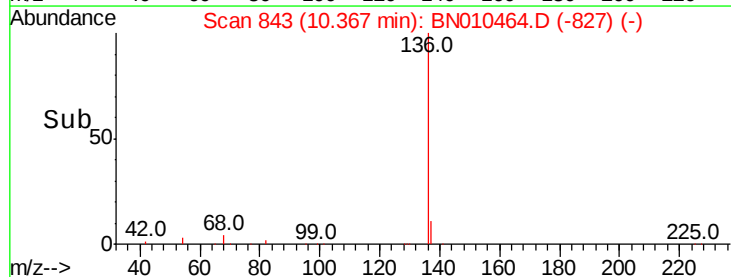
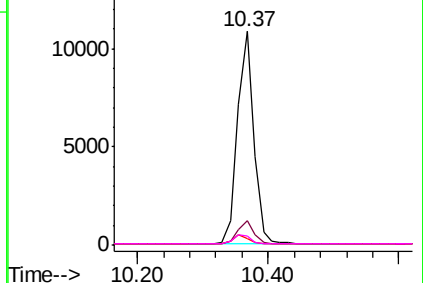


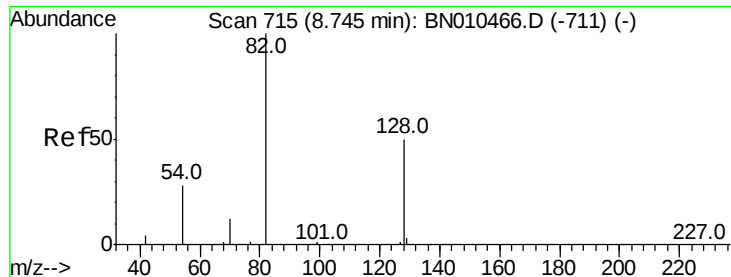
Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)





#8

Nitrobenzene-d5

Concen: 0.105 ng

RT: 8.75 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

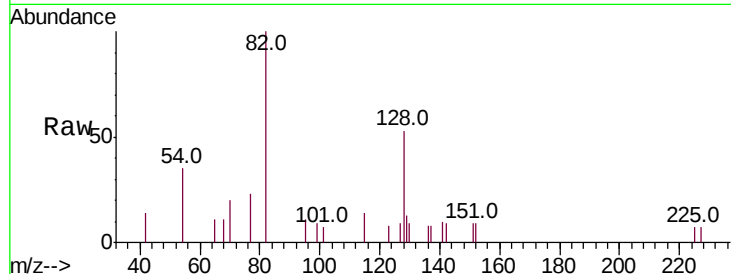
Tot Ion: 82 Resp: 1260

Ion Ratio Lower Upper

82 100

128 53.4 41.3 61.9

54 34.6 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

8.75

600

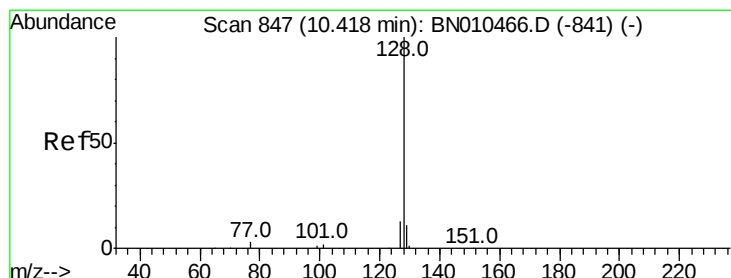
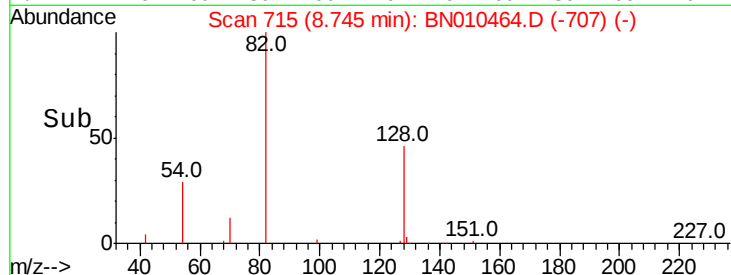
400

200

0

8.60 8.70 8.80 8.90

Time-->



#9

Naphthalene

Concen: 0.097 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

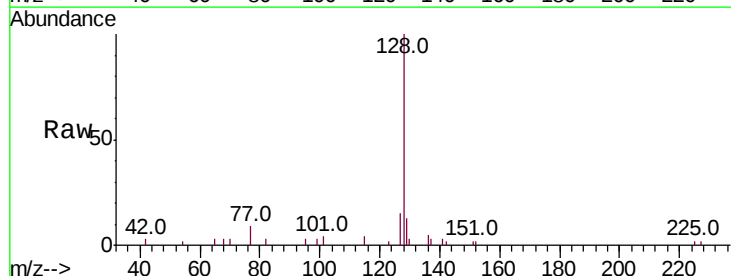
Tgt Ion: 128 Resp: 4547

Ion Ratio Lower Upper

128 100

129 13.3 9.3 13.9

127 14.5 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): BN010466.D (-841) (-)

Ion 129.00 (128.70 to 129.70): BN010466.D (-841) (-)

Ion 127.00 (126.70 to 127.70): BN010466.D (-841) (-)

10.42

3000

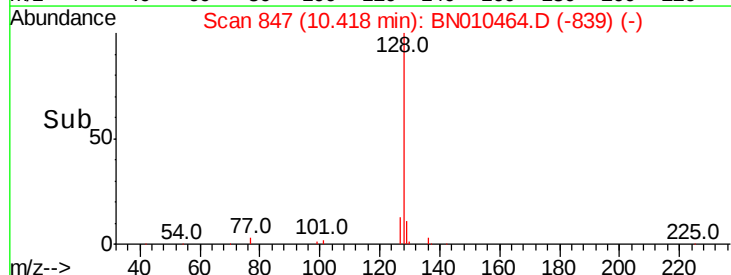
2000

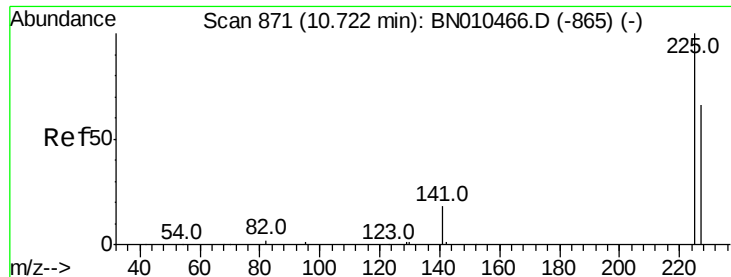
1000

0

10.30 10.40 10.50

Time-->

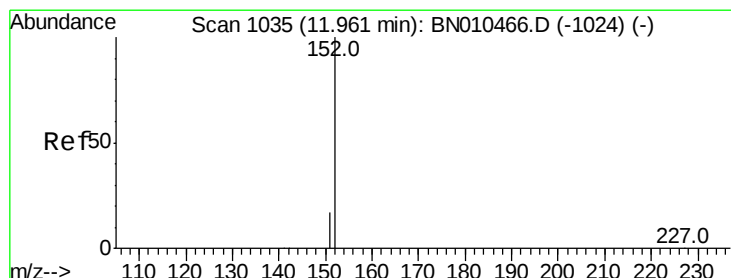
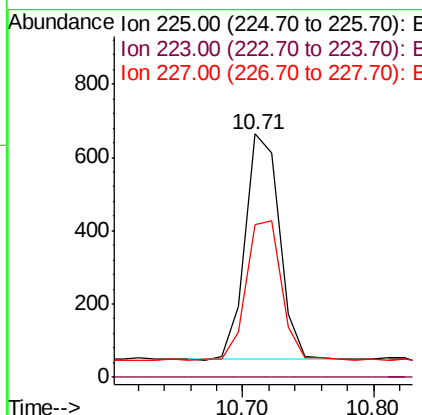
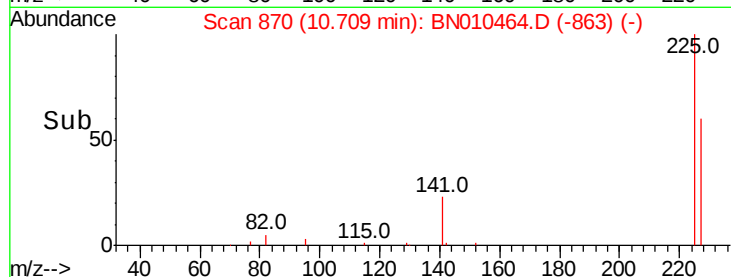
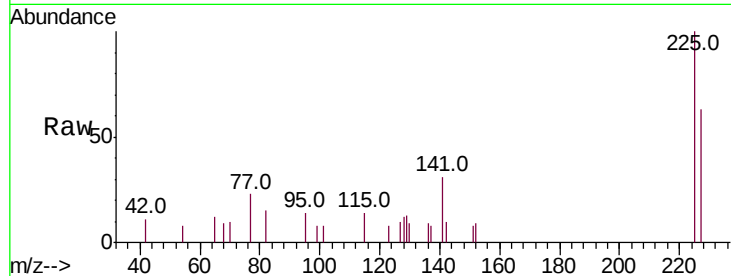




#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

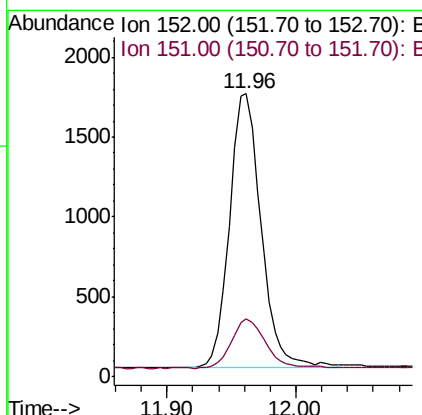
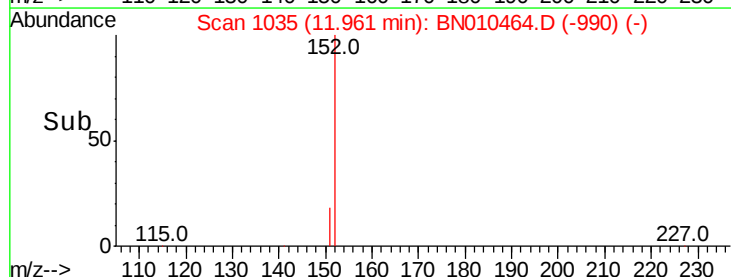
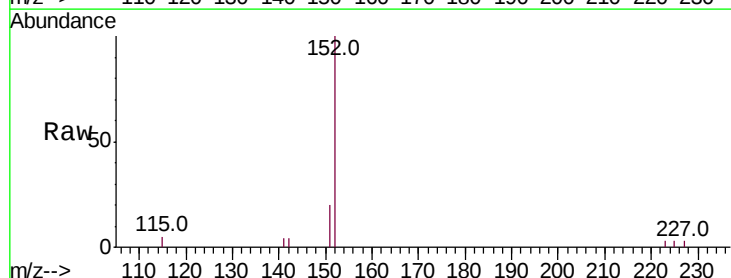
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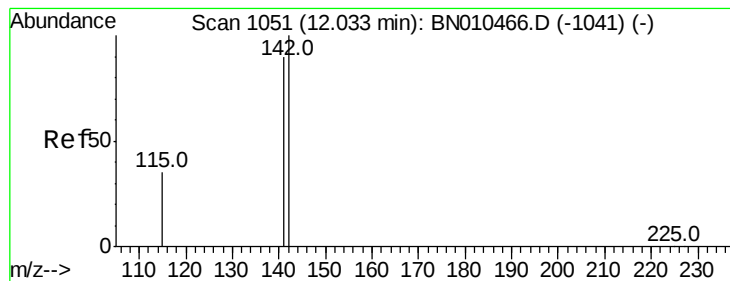
Tot Ion:225 Resp: 1117
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.0 50.6 76.0



#11
2-Methylnaphthalene-d10
Concen: 0.097 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:152 Resp: 2917
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9





#12

2-Methylnaphthalene

Concen: 0.100 ng

RT: 12.04 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

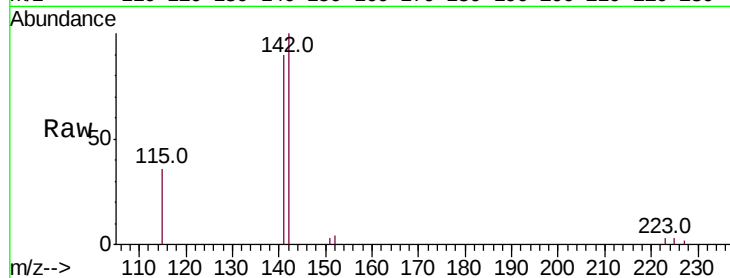
Tot Ion:142 Resp: 3240

Ion Ratio Lower Upper

142 100

141 90.2 71.9 107.9

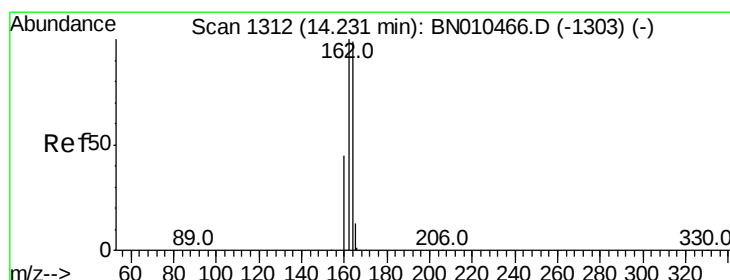
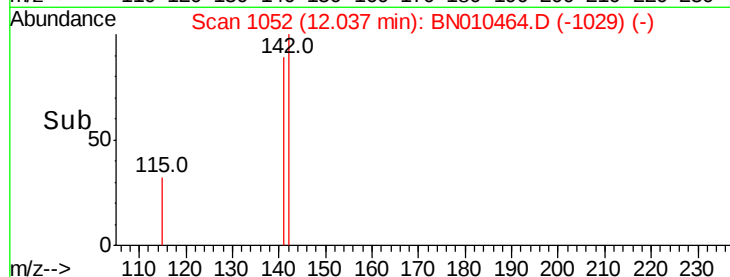
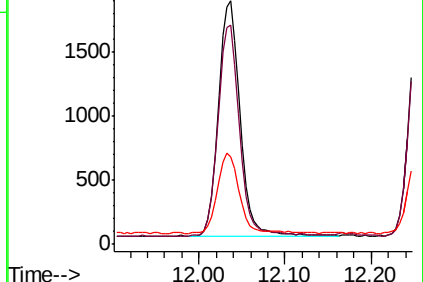
115 35.8 28.8 43.2



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

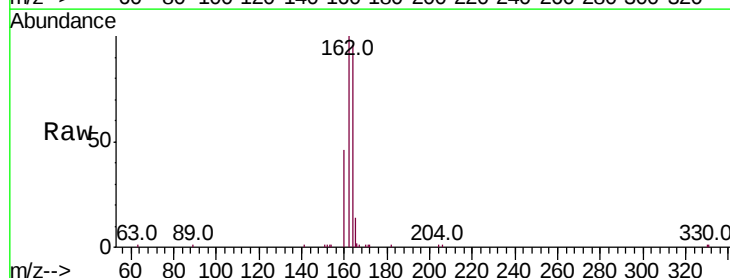
Tgt Ion:164 Resp: 11802

Ion Ratio Lower Upper

164 100

162 104.2 80.6 121.0

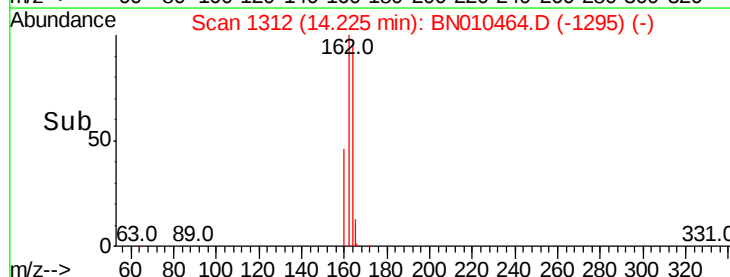
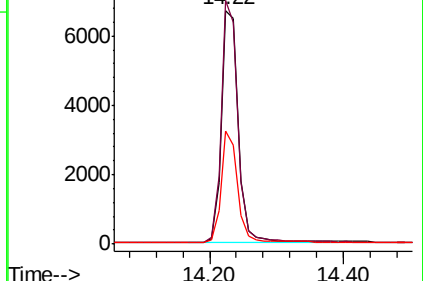
160 48.1 36.5 54.7

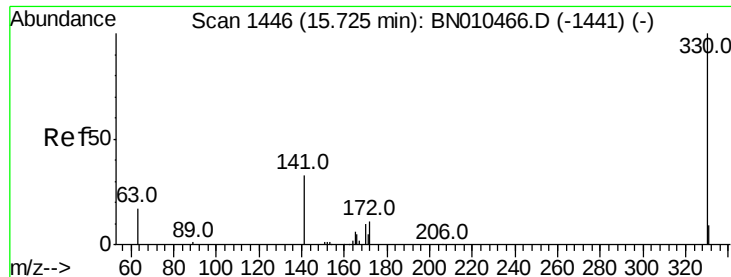


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

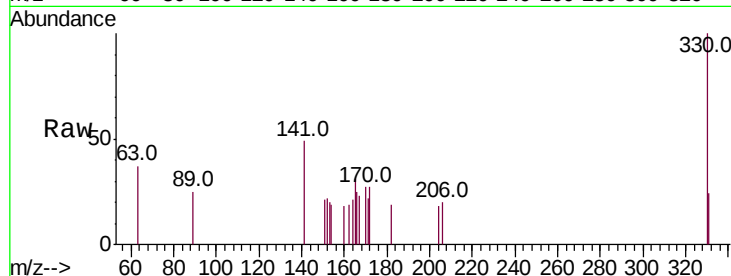




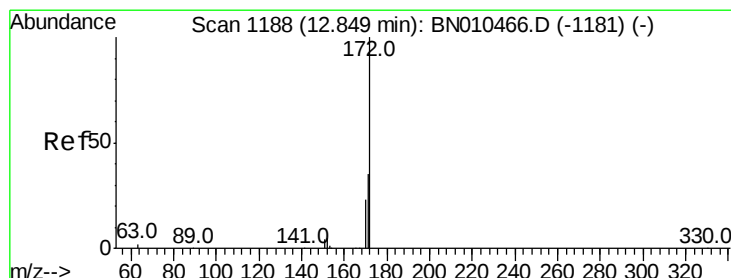
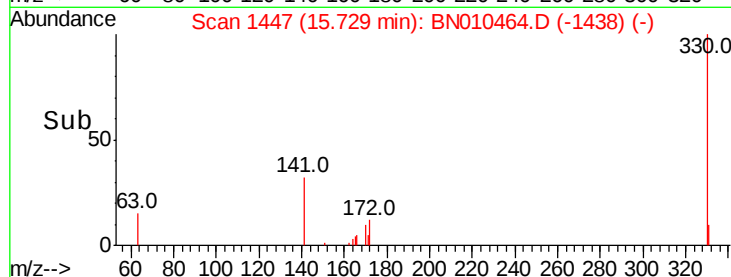
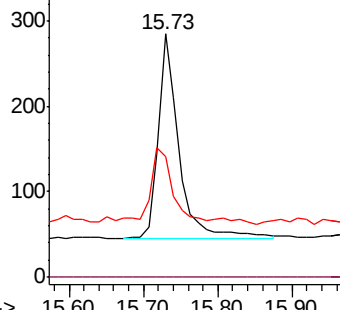
#14
 2,4,6-Tribromophenol
 Concen: 0.102 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010464.D
 Acq: 13 Apr 2020 13:12

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion:330 Resp: 463
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.8 28.1 42.1

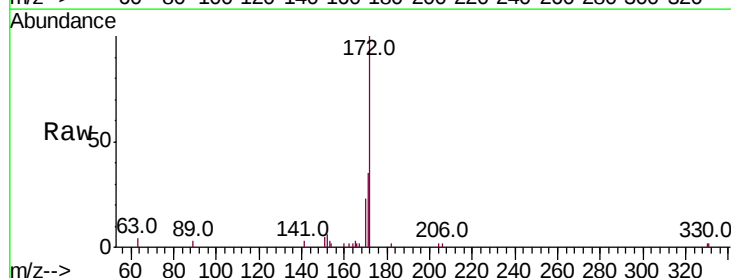


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

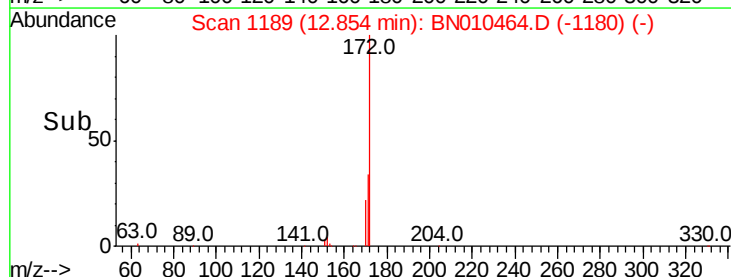
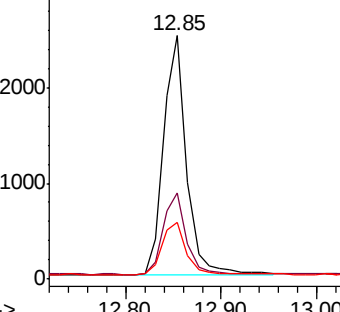


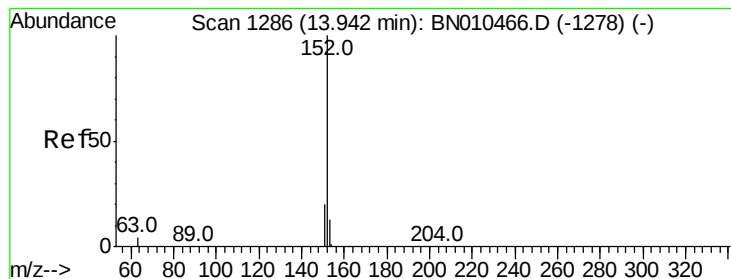
#15
 2-Fluorobiphenyl
 Concen: 0.092 ng
 RT: 12.85 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BN010464.D
 Acq: 13 Apr 2020 13:12

Tgt Ion:172 Resp: 4161
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 23.4 18.4 27.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.099 ng

RT: 13.95 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

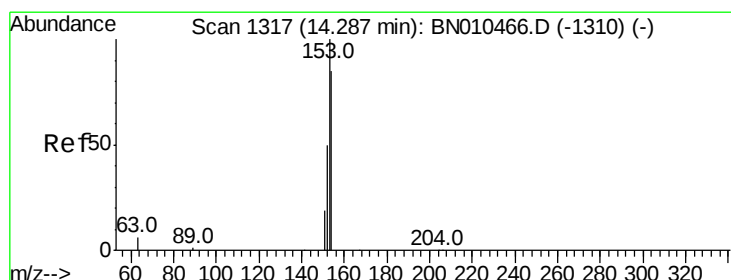
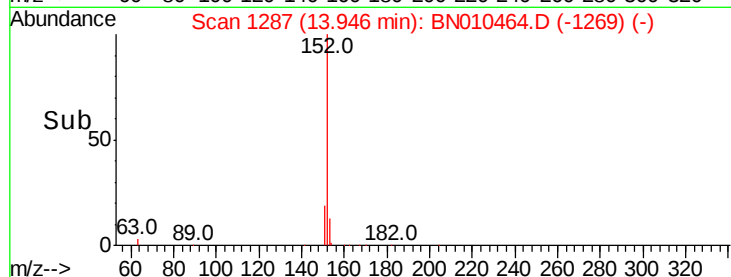
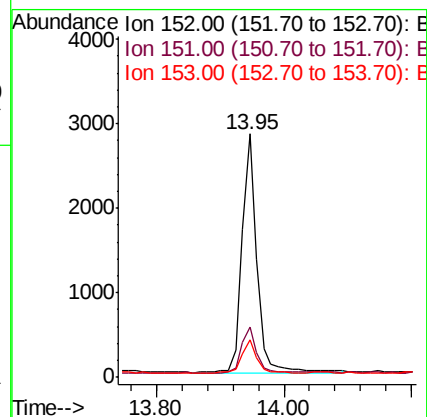
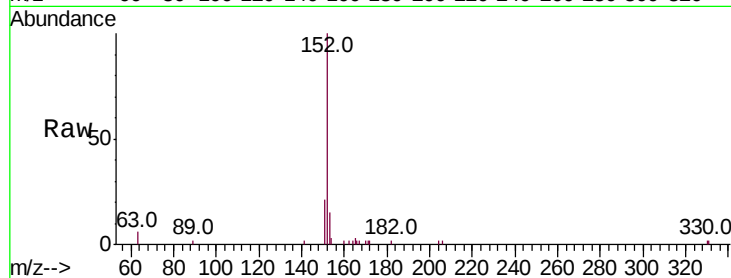
Tot Ion:152 Resp: 4604

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

153 13.5 10.6 15.8



#17

Acenaphthene

Concen: 0.093 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

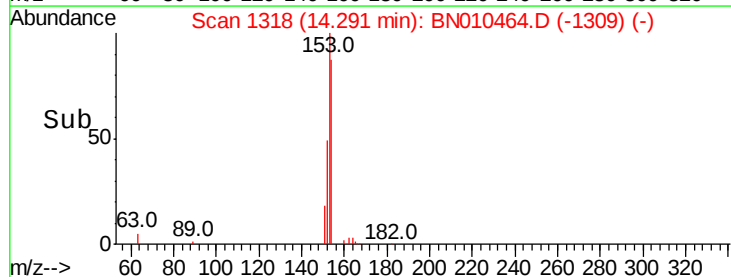
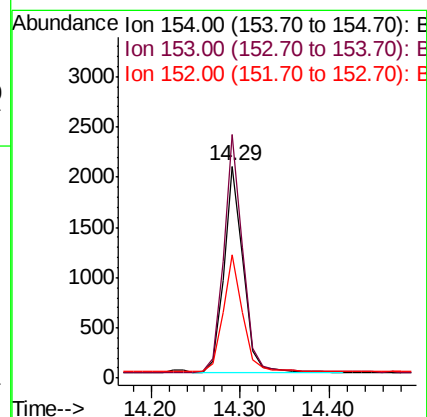
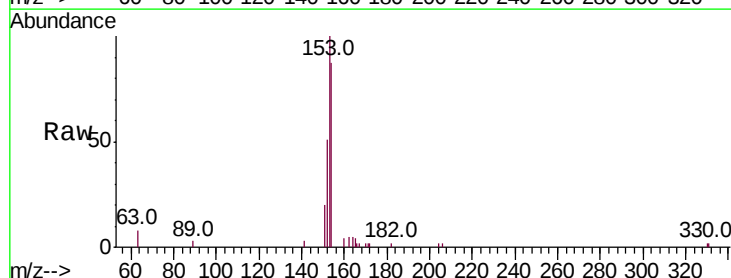
Tgt Ion:154 Resp: 3078

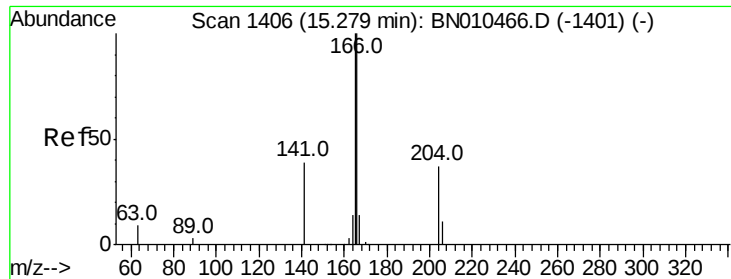
Ion Ratio Lower Upper

154 100

153 115.7 91.0 136.4

152 58.1 44.6 67.0





#18

Fluorene

Concen: 0.091 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

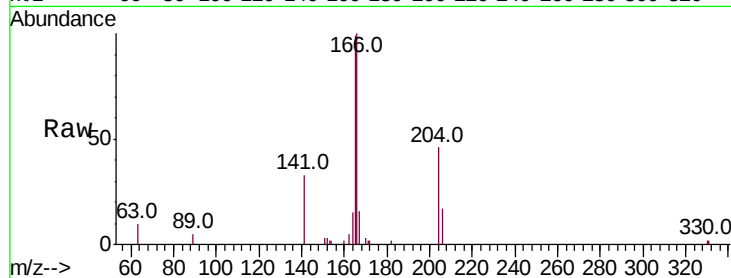
Tot Ion:166 Resp: 4005

Ion Ratio Lower Upper

166 100

165 96.6 78.4 117.6

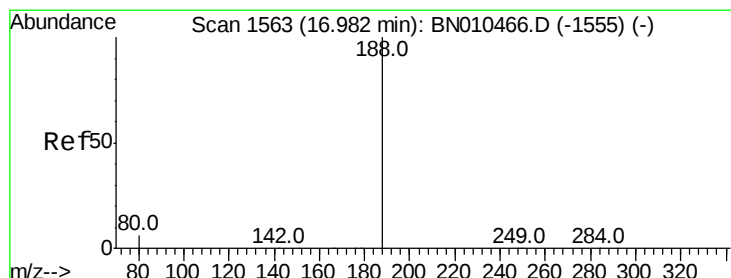
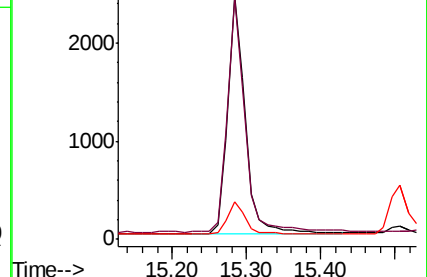
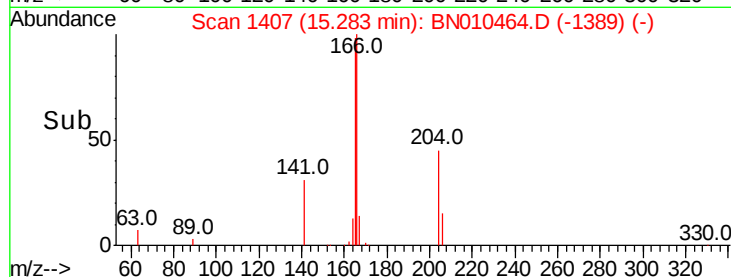
167 13.4 10.9 16.3



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: 16.98 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

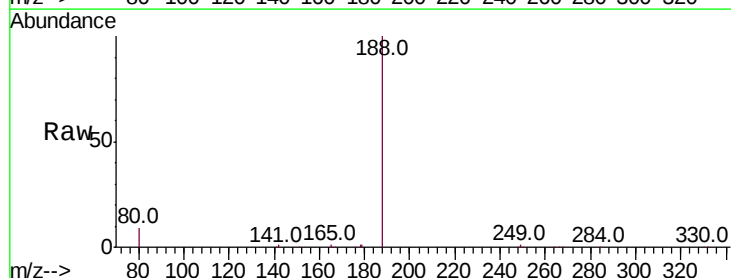
Tgt Ion:188 Resp: 26982

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

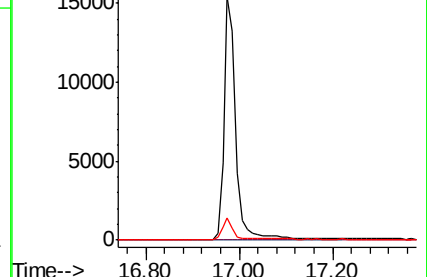
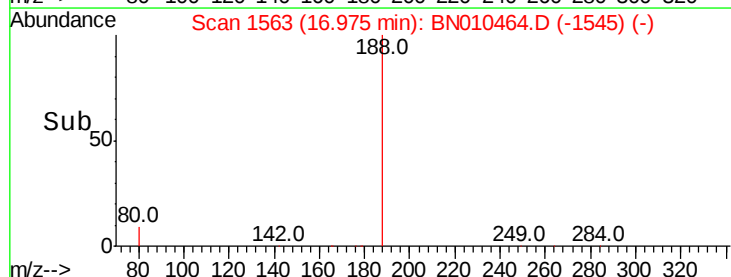
80 9.0 5.0 7.6#

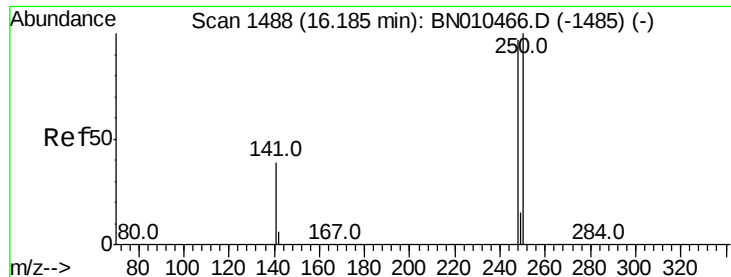


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

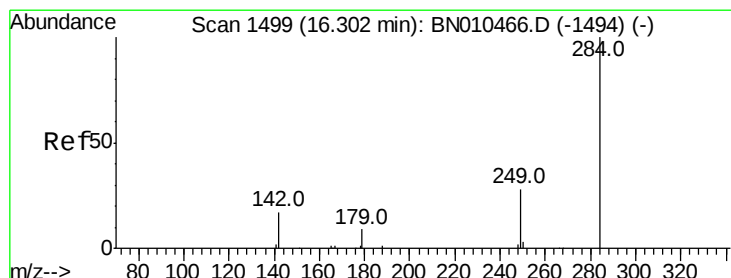
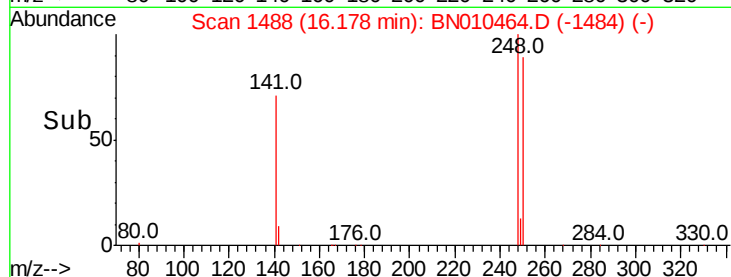
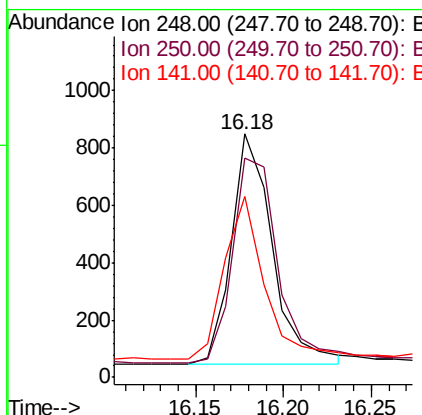
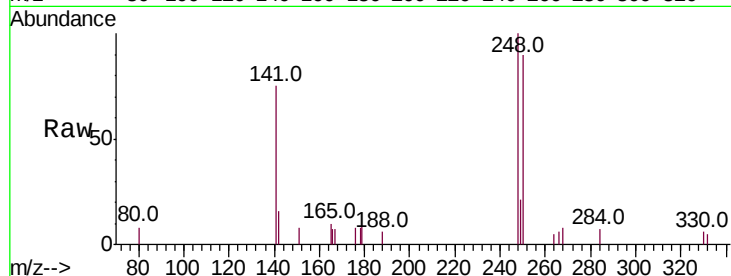




#20
4-Bromophenyl-phenylether
Concen: 0.079 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

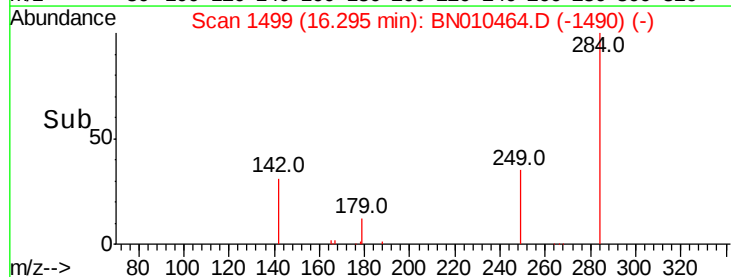
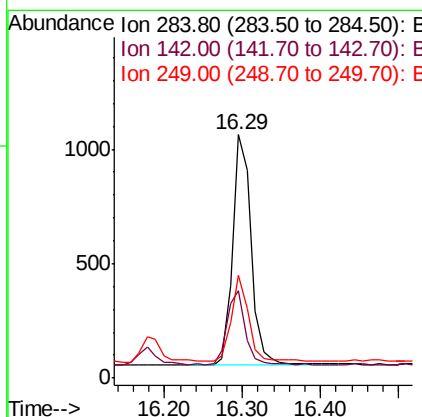
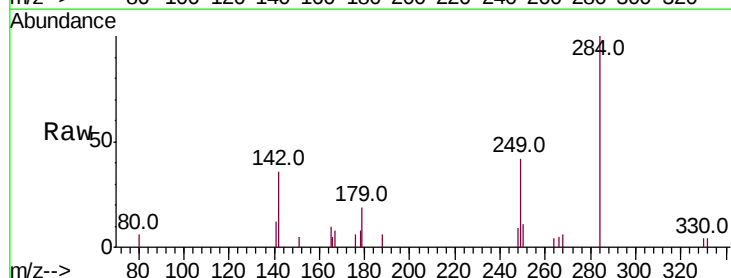
Instrument :
BNA_N
ClientSampled :
SSTDIC0.1

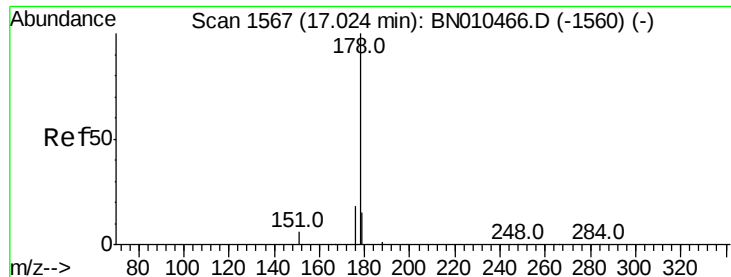
Tot Ion:248 Resp: 1301
Ion Ratio Lower Upper
248 100
250 90.1 82.3 123.5
141 74.6 35.2 52.8#



#21
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:284 Resp: 1668
Ion Ratio Lower Upper
284 100
142 32.1 25.5 38.3
249 34.4 25.8 38.6





#23

Phenanthrene

Concen: 0.092 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

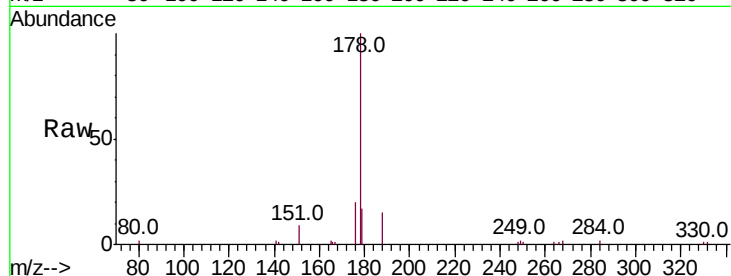
Tot Ion:178 Resp: 6839

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

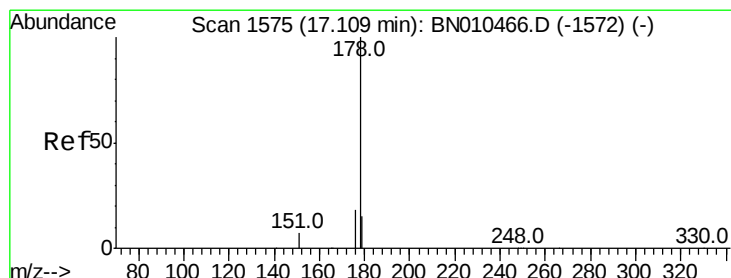
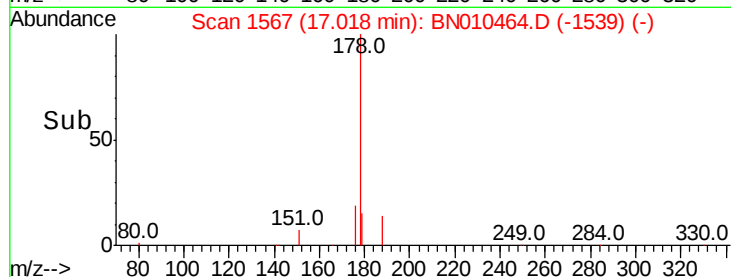
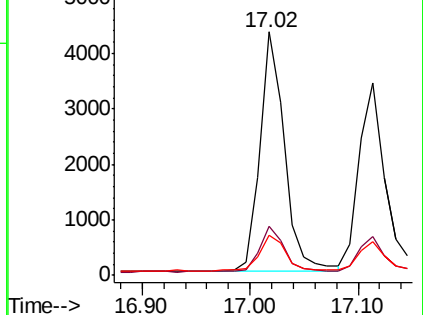
179 15.4 12.6 18.8



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: 0.091 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

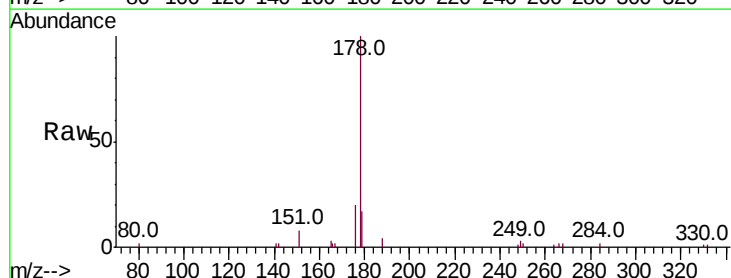
Tgt Ion:178 Resp: 5770

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

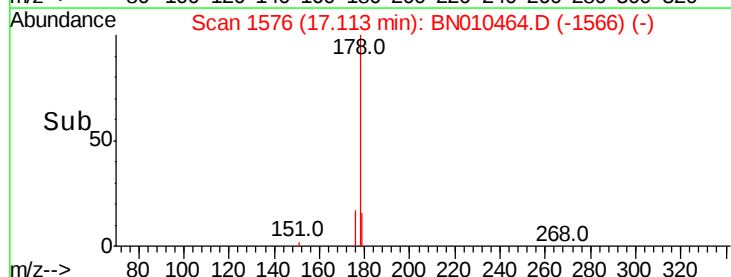
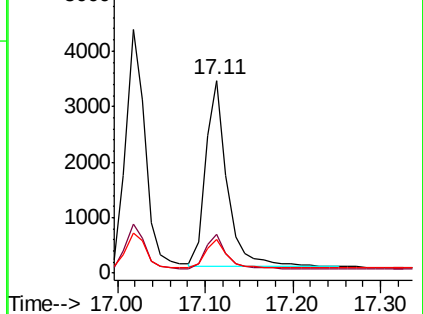
179 15.0 12.2 18.2

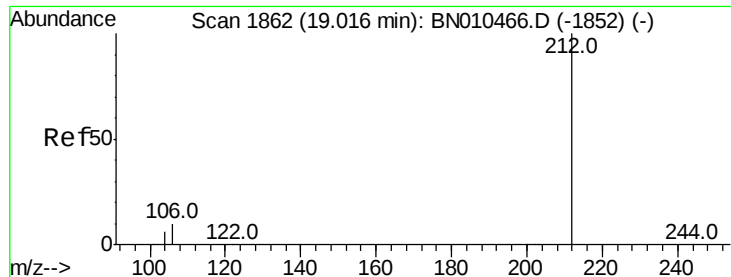


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.094 ng

RT: 19.02 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

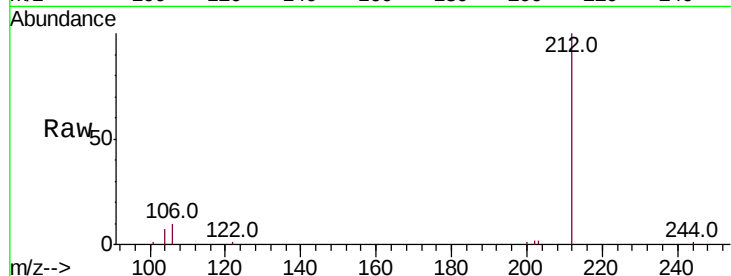
Tot Ion:212 Resp: 7612

Ion Ratio Lower Upper

212 100

106 9.8 7.8 11.6

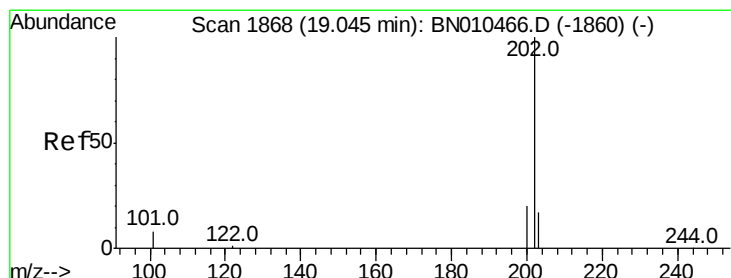
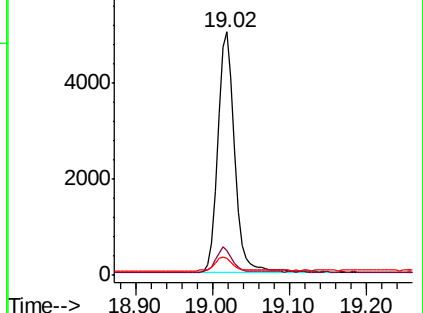
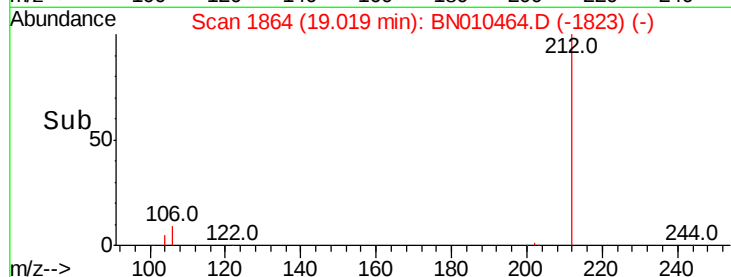
104 5.9 4.5 6.7



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: 0.093 ng

RT: 19.05 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

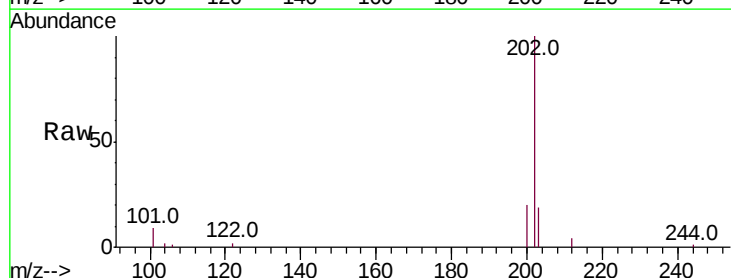
Tgt Ion:202 Resp: 8470

Ion Ratio Lower Upper

202 100

101 8.3 6.9 10.3

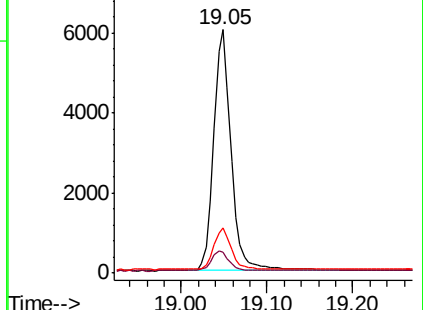
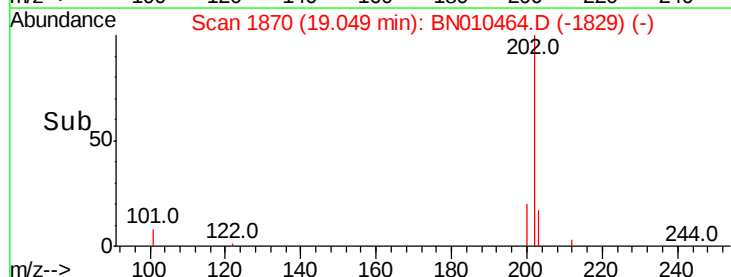
203 17.3 13.9 20.9

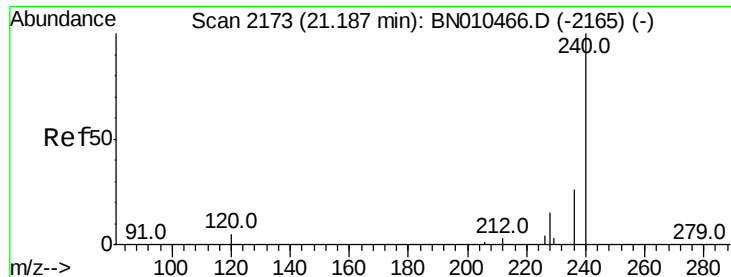


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

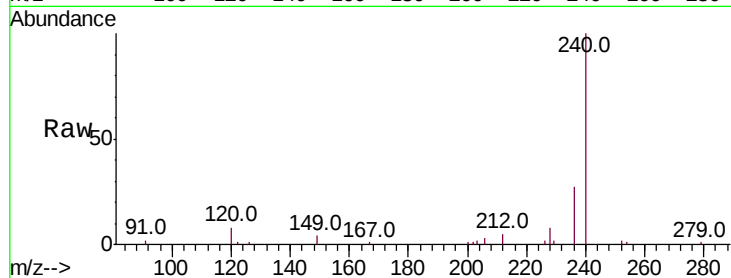
Tot Ion:240 Resp: 26583

Ion Ratio Lower Upper

240 100

120 8.3 4.8 7.2#

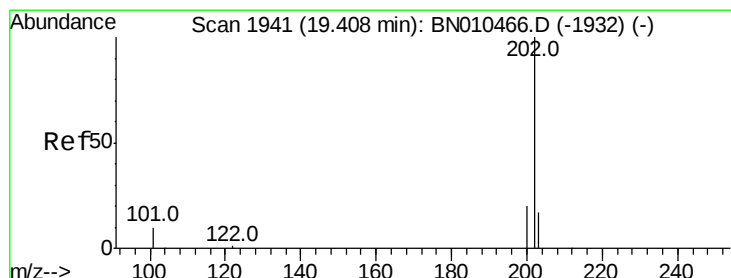
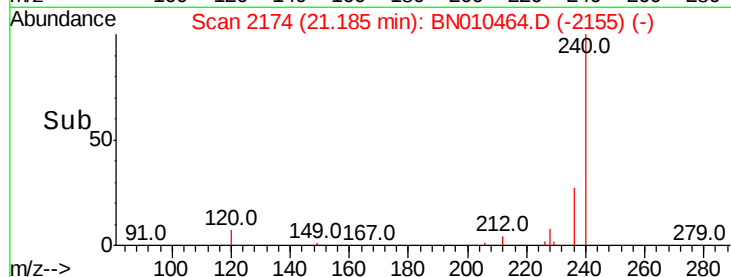
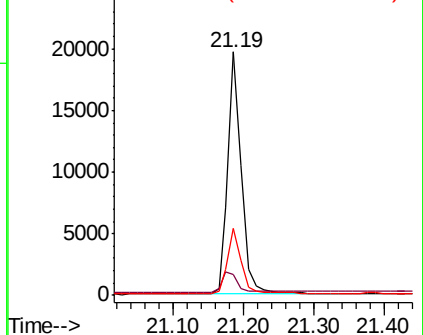
236 27.3 21.4 32.0



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: 0.107 ng

RT: 19.41 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

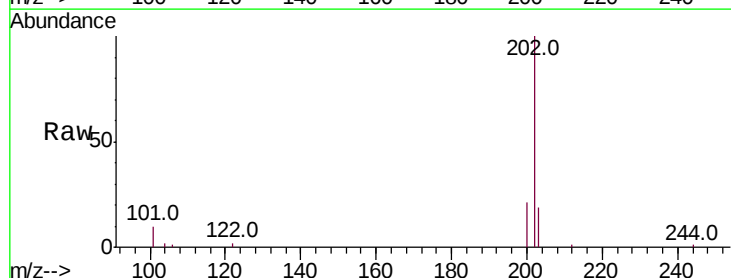
Tgt Ion:202 Resp: 8865

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

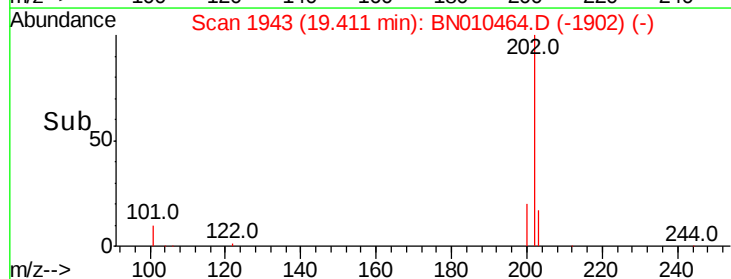
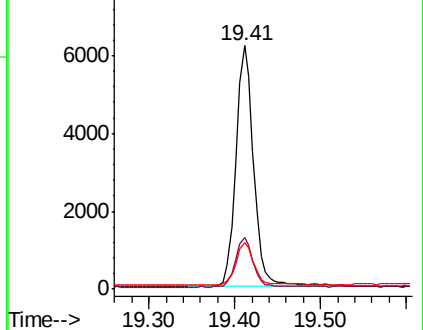
203 17.6 14.0 21.0

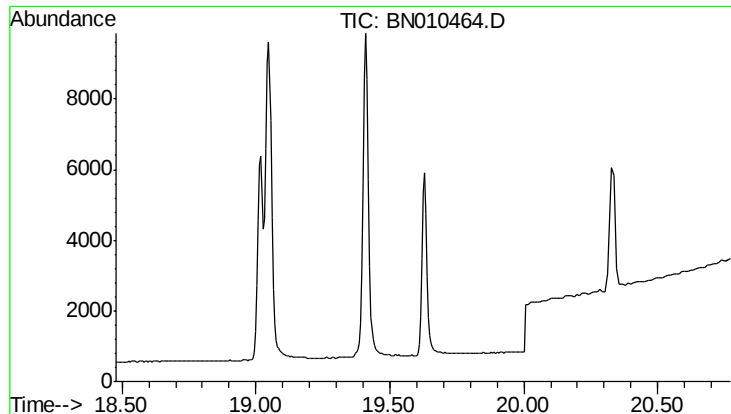


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.63 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

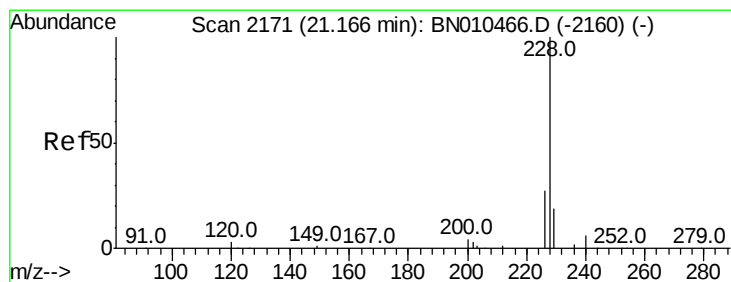
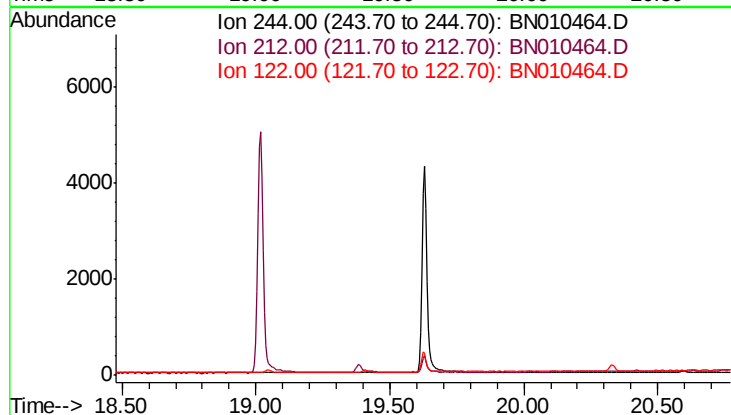
Tot Ion: 244

Sig Exp Ratio

244 100

212 7.8

122 9.8



#30

Benzo(a)anthracene

Concen: 0.100 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

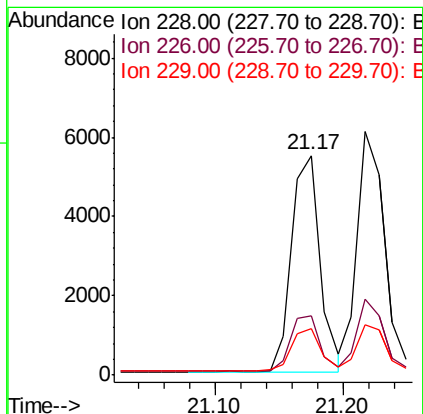
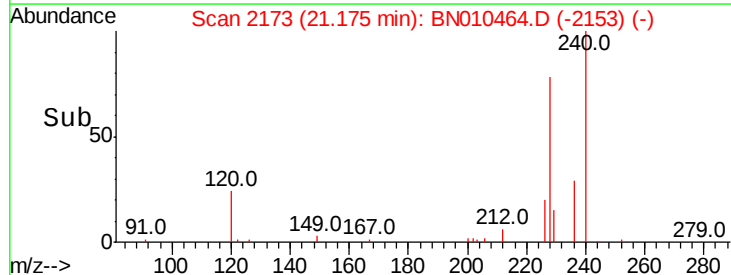
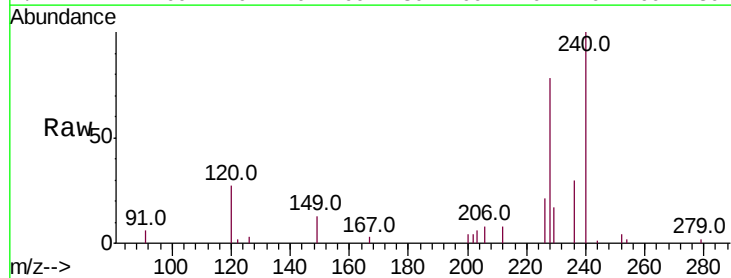
Tgt Ion: 228 Resp: 8432

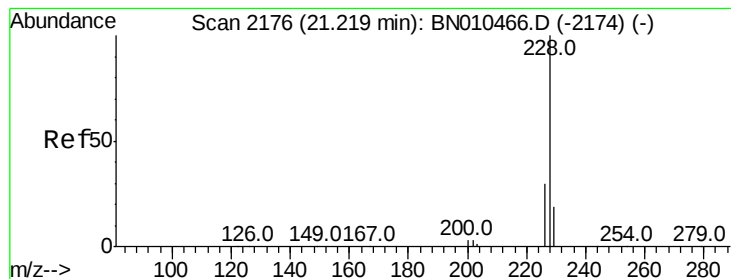
Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 21.4 15.6 23.4





#31

Chrysene

Concen: 0.099 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

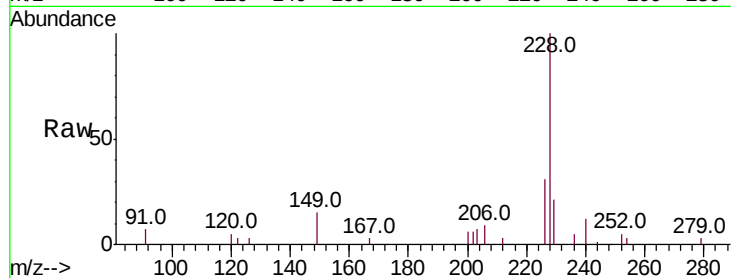
Tot Ion:228 Resp: 8986

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

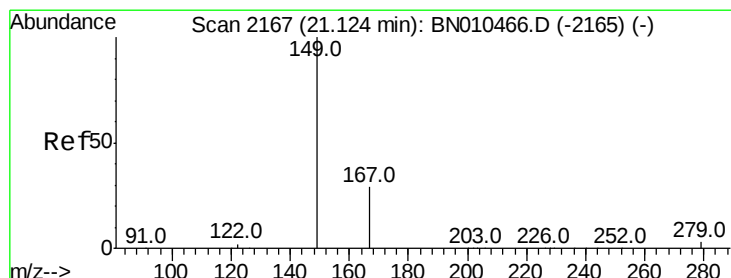
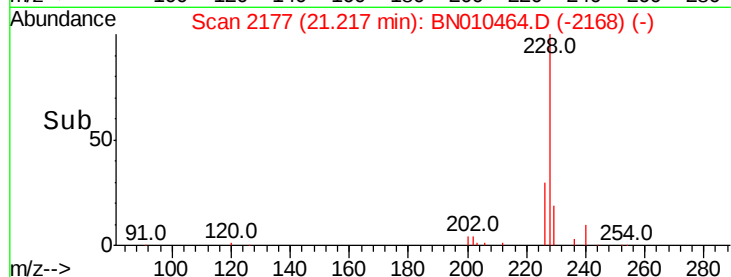
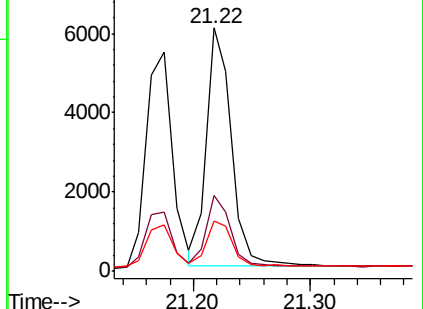
229 20.7 15.8 23.6



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: 0.162 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

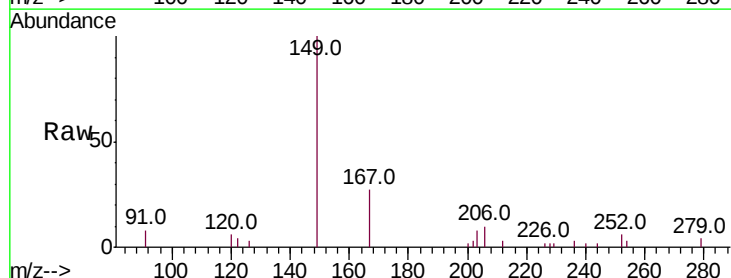
Tgt Ion:149 Resp: 4640

Ion Ratio Lower Upper

149 100

167 28.0 23.4 35.0

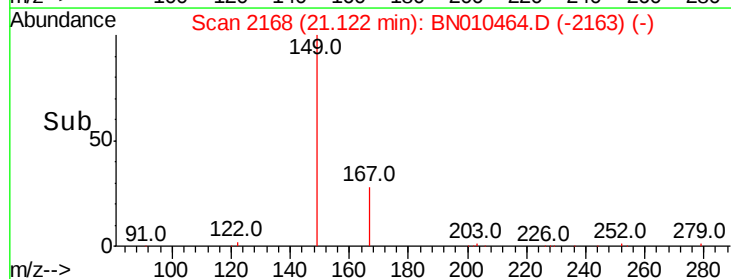
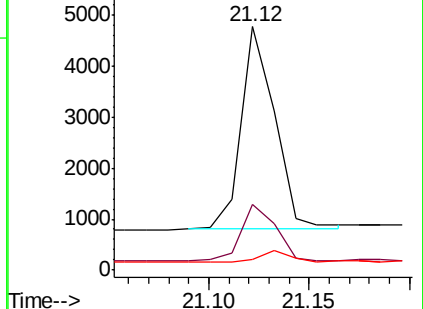
279 4.6 4.0 6.0

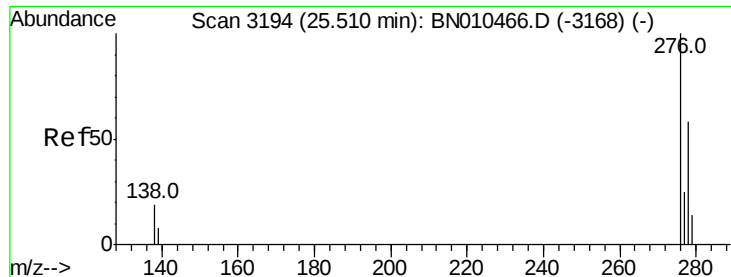


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.079 ng

RT: 25.51 min Scan# 3197

Delta R.T. 0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

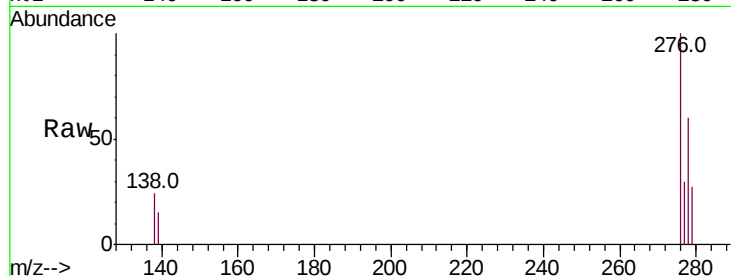
Tot Ion:276 Resp: 7726

Ion Ratio Lower Upper

276 100

138 22.8 16.4 24.6

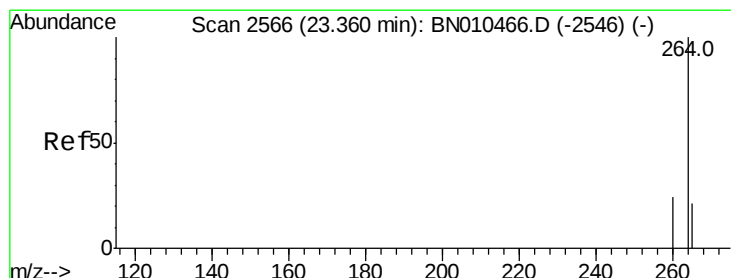
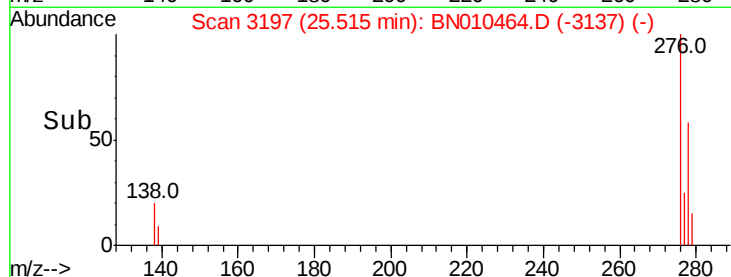
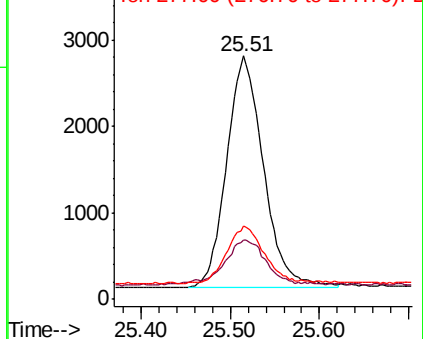
277 25.9 19.8 29.6



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: 23.36 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

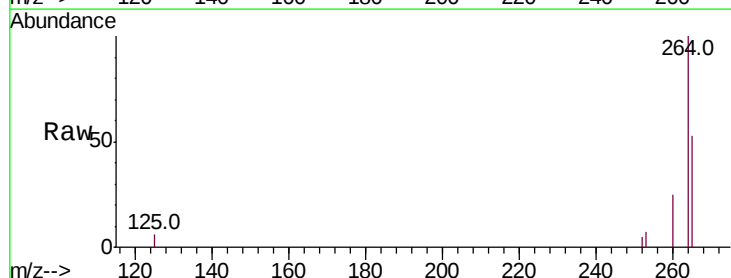
Tgt Ion:264 Resp: 24268

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

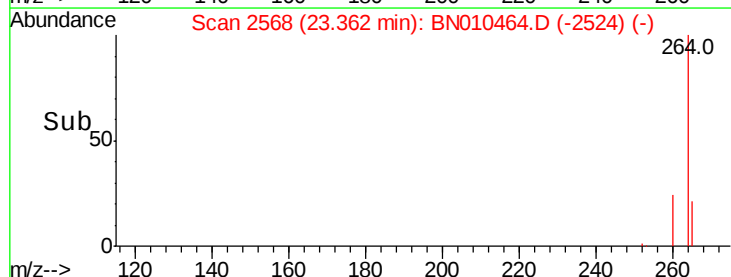
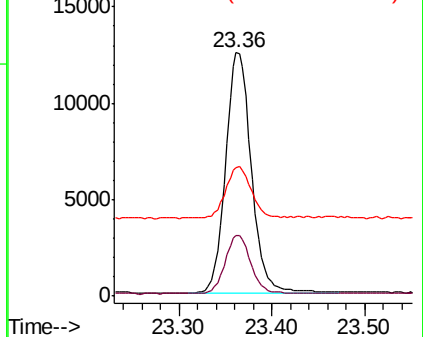
265 52.5 42.3 63.5

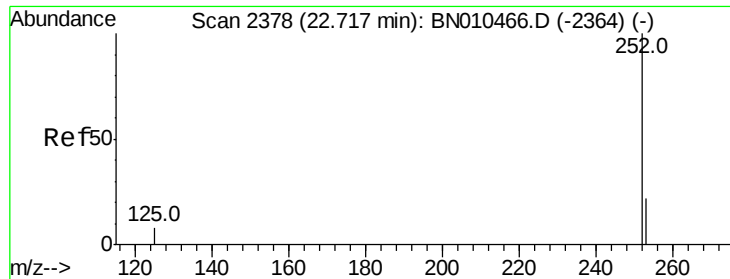


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

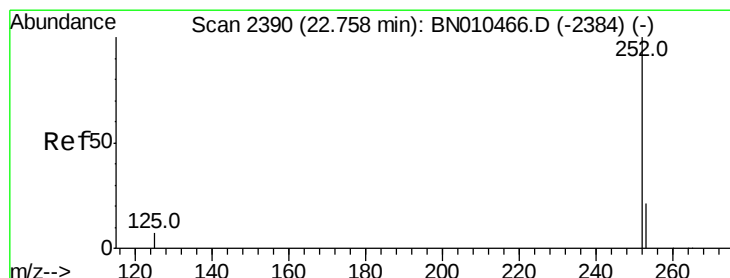
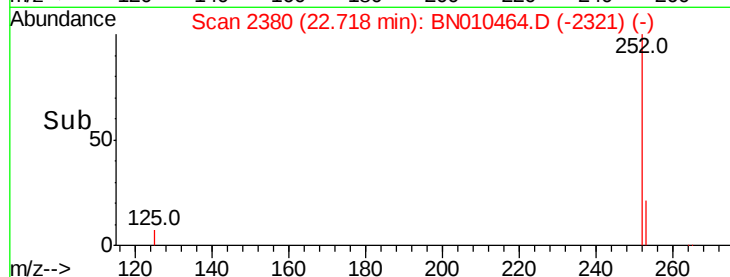
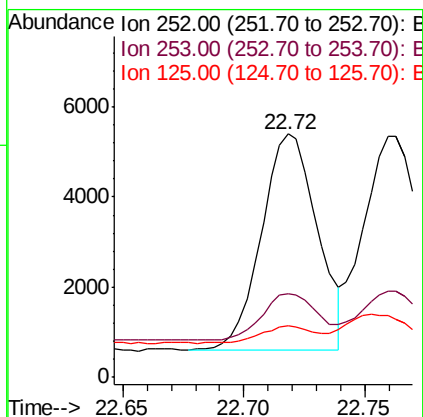
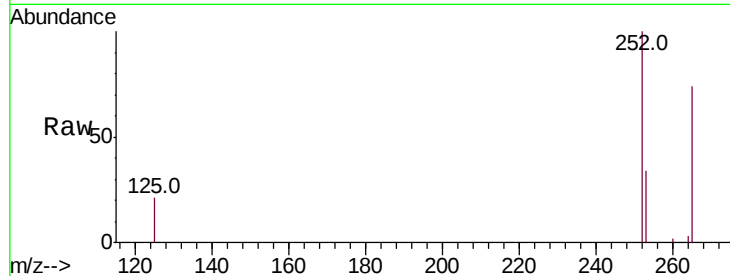




#35
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 22.72 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

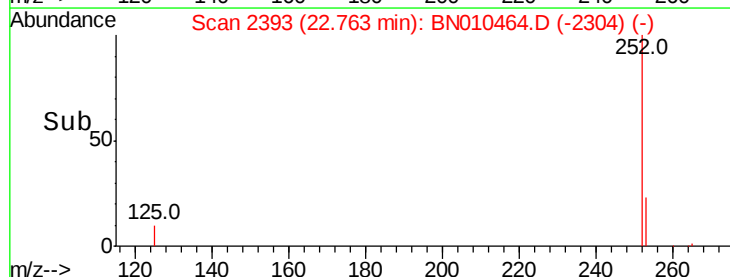
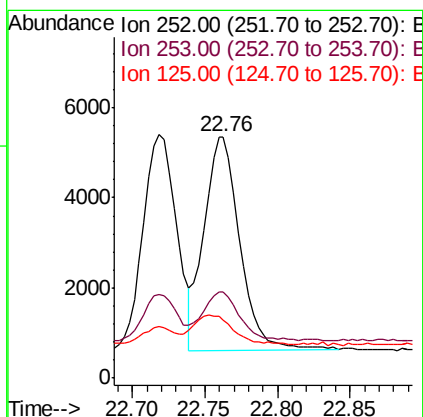
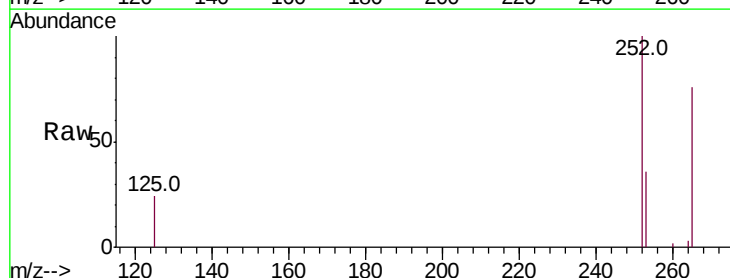
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

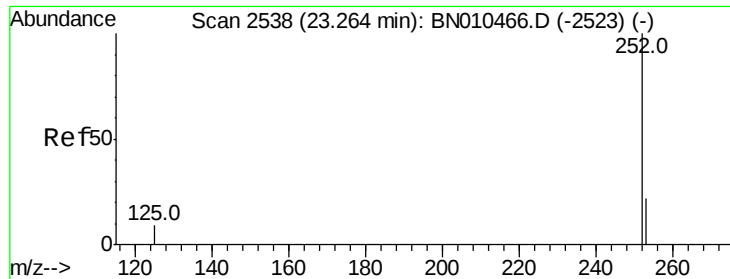
Tot Ion:252 Resp: 7678
Ion Ratio Lower Upper
252 100
253 34.2 20.2 30.4#
125 20.9 9.2 13.8#



#36
Benzo(k)fluoranthene
Concen: 0.097 ng
RT: 22.76 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BN010464.D
Acq: 13 Apr 2020 13:12

Tgt Ion:252 Resp: 8122
Ion Ratio Lower Upper
252 100
253 35.9 20.1 30.1#
125 23.9 9.6 14.4#





#37

Benzo(a)pyrene

Concen: 0.100 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

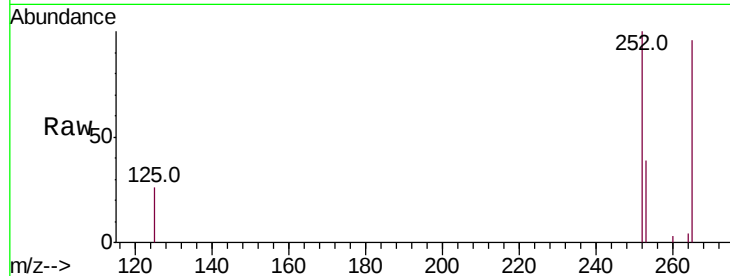
Tot Ion:252 Resp: 6952

Ion Ratio Lower Upper

252 100

253 38.8 21.8 32.8#

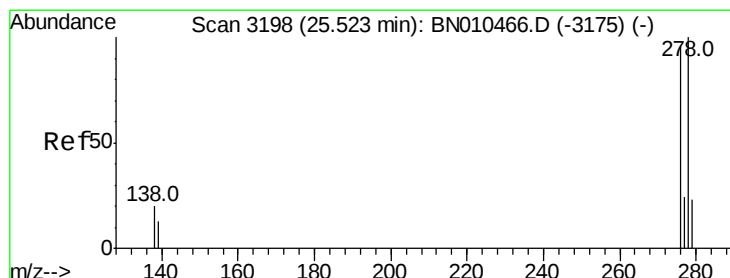
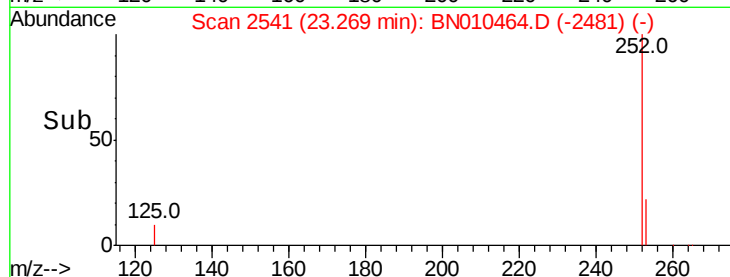
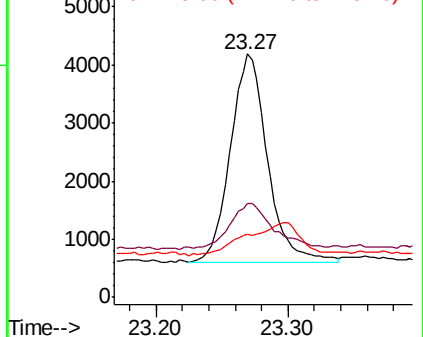
125 26.1 11.0 16.6#



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: 0.081 ng

RT: 25.53 min Scan# 3201

Delta R.T. 0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

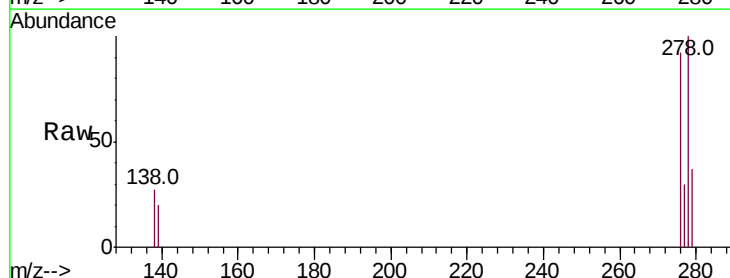
Tgt Ion:278 Resp: 6119

Ion Ratio Lower Upper

278 100

139 20.0 12.3 18.5#

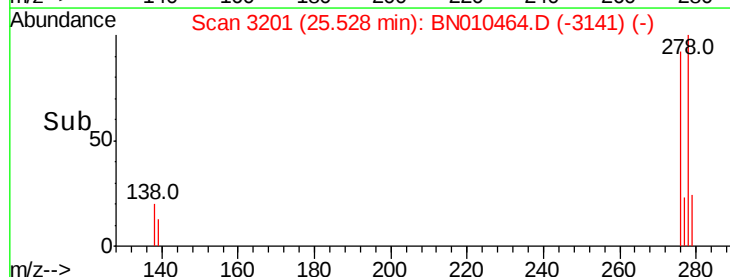
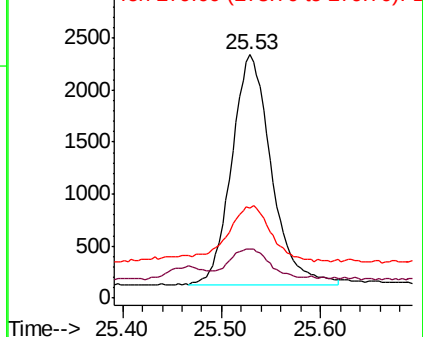
279 37.1 21.9 32.9#

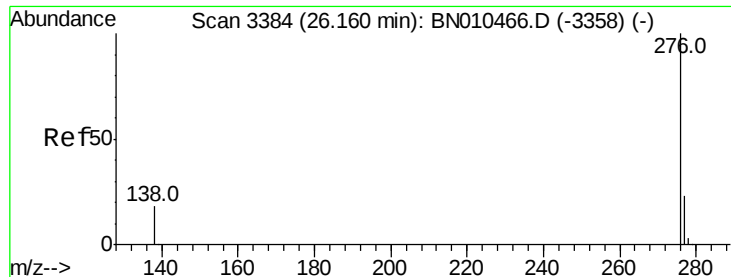


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.084 ng

RT: 26.17 min Scan# 3387

Delta R.T. 0.01 min

Lab File: BN010464.D

Acq: 13 Apr 2020 13:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

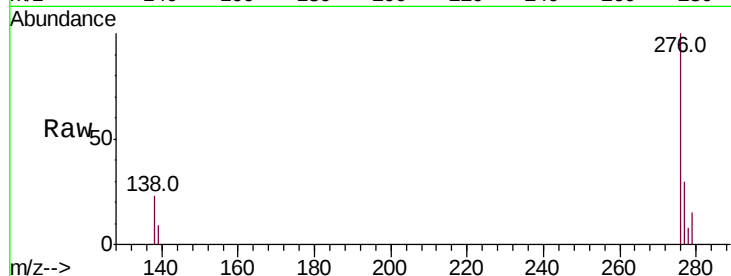
Tot Ion:276 Resp: 6325

Ion Ratio Lower Upper

276 100

277 29.5 20.2 30.2

138 23.5 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

