

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
 Data File : BN010470.D
 Acq On : 13 Apr 2020 16:48
 Operator : CG/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Apr 13 17:18:12 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	5044	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	17872	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	11261	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	25065	0.40	ng	0.00
27) Chrysene-d12	21.19	240	26173	0.40	ng	0.00
34) Perylene-d12	23.36	264	22069	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	50864	5.09	ng	0.00
5) Phenol-d6	6.79	99	69040	5.56	ng	0.00
8) Nitrobenzene-d5	8.73	82	67181	5.87	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	150638	5.28	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	31208	7.21	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	208153	4.83	ng	0.00
25) Fluoranthene-d10	19.01	212	401649	5.31	ng	0.00
29) Terphenyl-d14	19.62	244	303367	5.37	ng	0.00

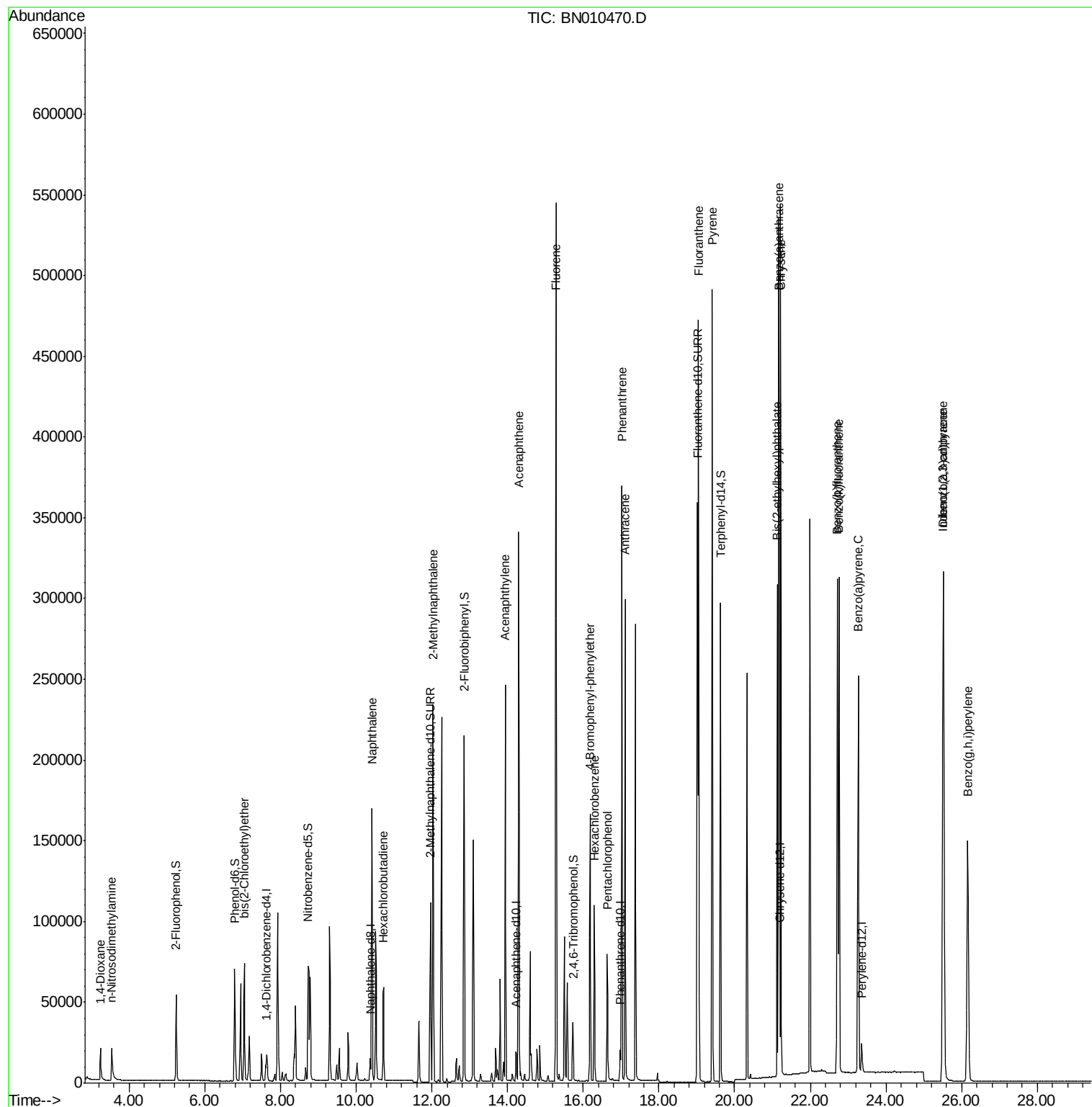
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	18029	3.806	ng	98
3) n-Nitrosodimethylamine	3.54	42	13083	3.269	ng	# 95
6) bis(2-Chloroethyl)ether	7.04	93	57155	4.791	ng	99
9) Naphthalene	10.42	128	226406	5.080	ng	99
10) Hexachlorobutadiene	10.72	225	53011	4.907	ng	# 99
12) 2-Methylnaphthalene	12.03	142	161673	5.233	ng	98
16) Acenaphthylene	13.95	152	266884	6.040	ng	100
17) Acenaphthene	14.29	154	168224	5.343	ng	94
18) Fluorene	15.28	166	216195	5.170	ng	99
20) 4-Bromophenyl-phenylether	16.18	248	76448	5.027	ng	# 91
21) Hexachlorobenzene	16.29	284	80252	5.138	ng	100
22) Pentachlorophenol	16.63	266	39516	7.392	ng	97
23) Phenanthrene	17.02	178	354937	5.152	ng	100
24) Anthracene	17.11	178	339862	5.769	ng	100
26) Fluoranthene	19.04	202	434801	5.150	ng	100
28) Pyrene	19.41	202	441137	5.413	ng	100
30) Benzo(a)anthracene	21.16	228	438329	5.258	ng	100
31) Chrysene	21.22	228	417200	4.667	ng	99
32) Bis(2-ethylhexyl)phthalate	21.12	149	232329	8.260	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	369880	3.863	ng	100
35) Benzo(b)fluoranthene	22.71	252	370404	4.939	ng	# 93
36) Benzo(k)fluoranthene	22.76	252	367135	4.812	ng	# 92
37) Benzo(a)pyrene	23.27	252	331641	5.243	ng	# 89
38) Dibenzo(a,h)anthracene	25.52	278	301367	4.406	ng	94
39) Benzo(g,h,i)perylene	26.16	276	299459	4.349	ng	97

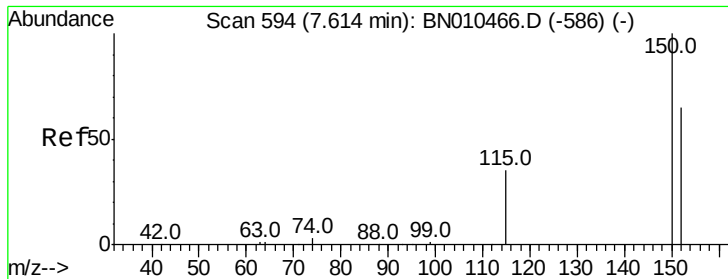
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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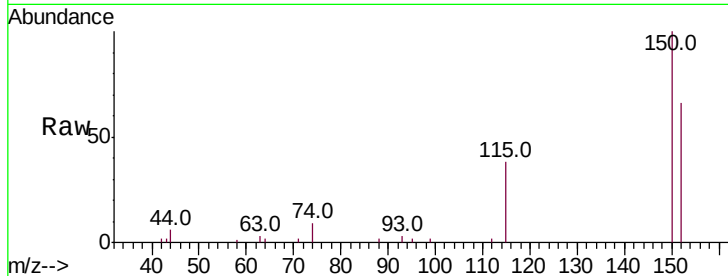


#1

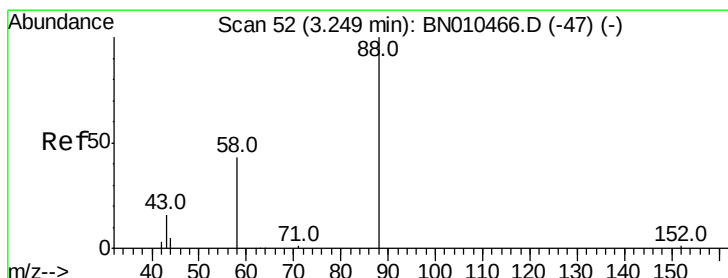
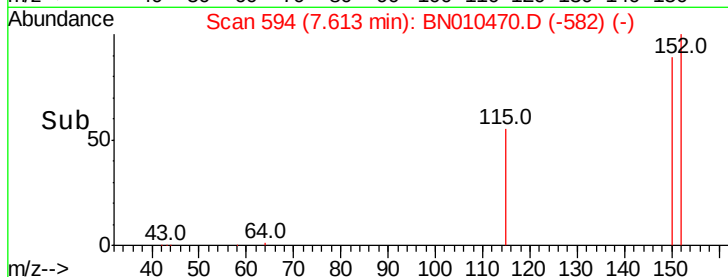
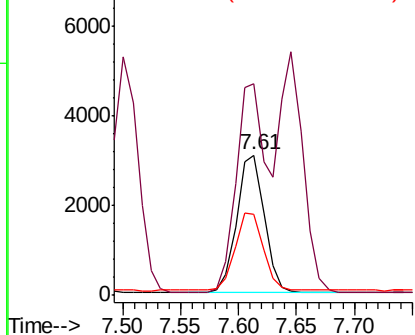
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN010470.D
Acq: 13 Apr 2020 16:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 5044
Ion Ratio Lower Upper
152 100
150 150.7 121.8 182.6
115 57.3 45.5 68.3



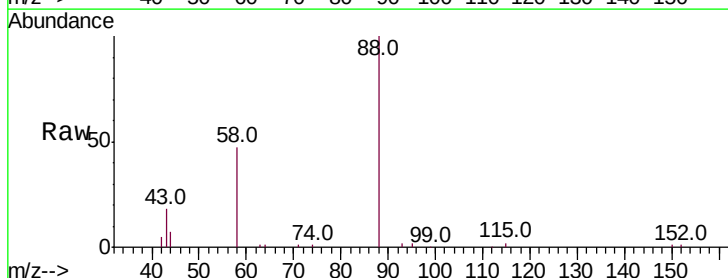
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



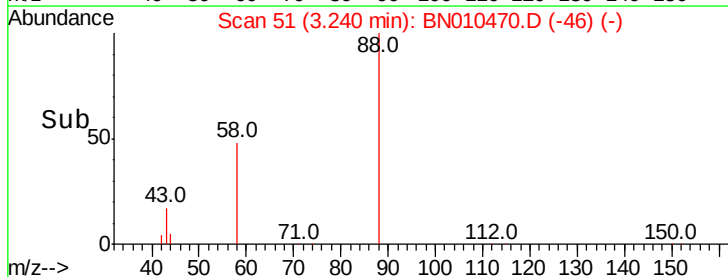
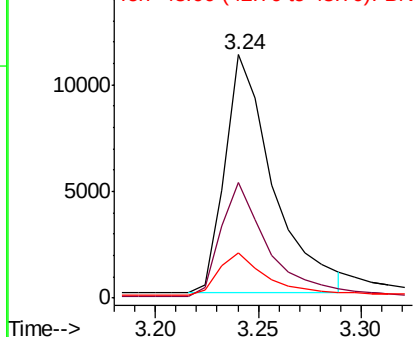
#2

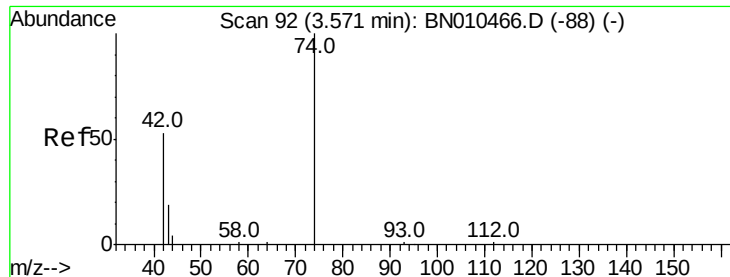
1,4-Dioxane
Concen: 3.806 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010470.D
Acq: 13 Apr 2020 16:48

Tgt Ion: 88 Resp: 18029
Ion Ratio Lower Upper
88 100
58 46.8 36.5 54.7
43 17.2 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





#3

n-Nitrosodimethylamine

Concen: 3.269 ng

RT: 3.54 min Scan# 88

Delta R.T. -0.03 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

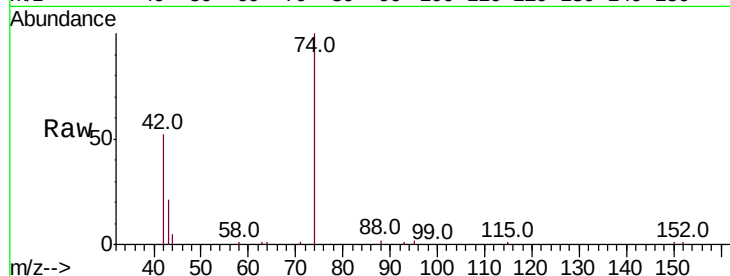
Tot Ion: 42 Resp: 13083

Ion Ratio Lower Upper

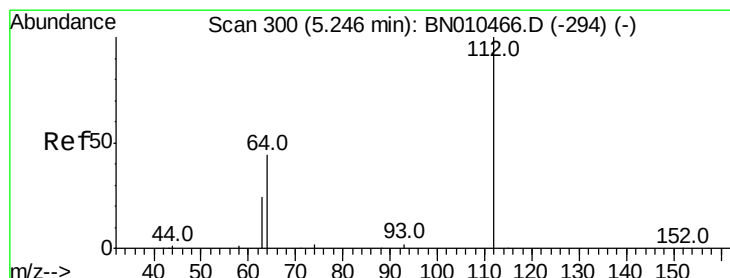
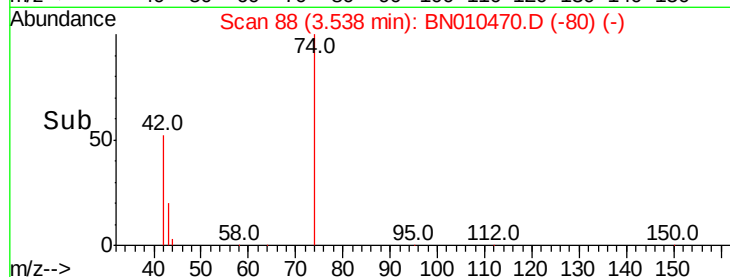
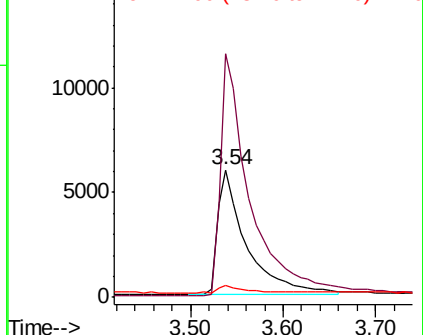
42 100

74 195.3 162.2 243.4

44 5.7 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: 5.095 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

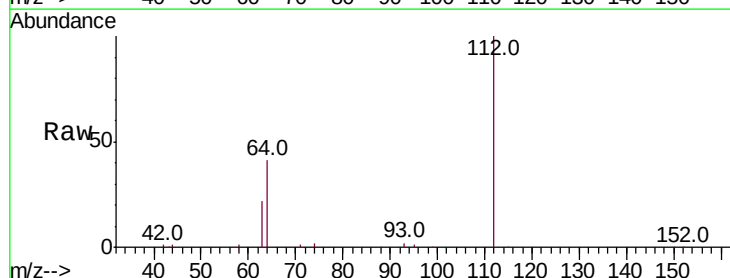
Tgt Ion: 112 Resp: 50864

Ion Ratio Lower Upper

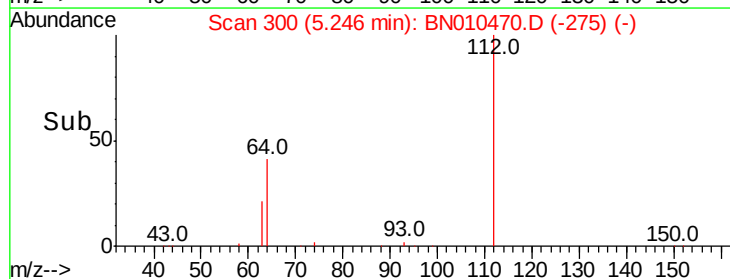
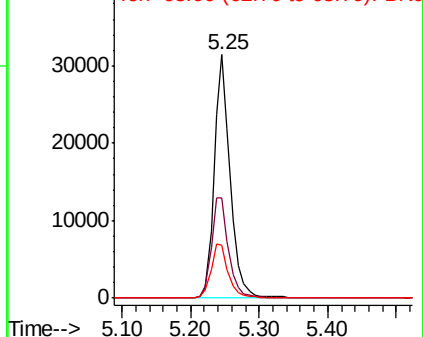
112 100

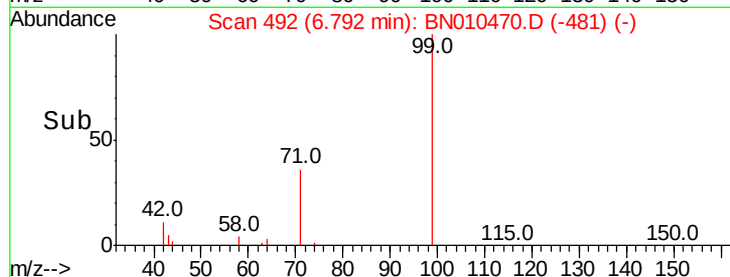
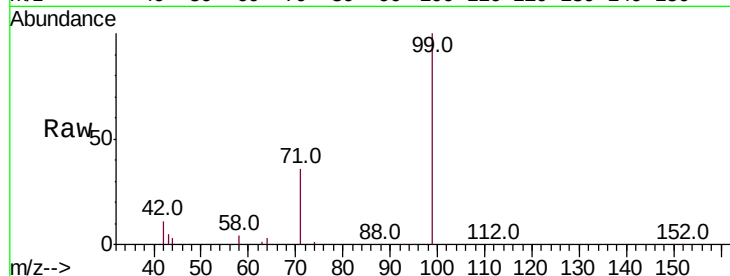
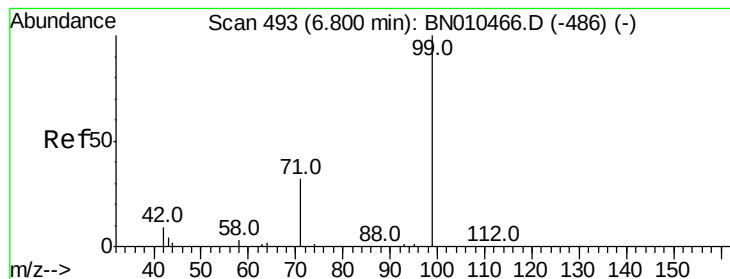
64 44.5 35.8 53.8

63 23.5 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: 5.560 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

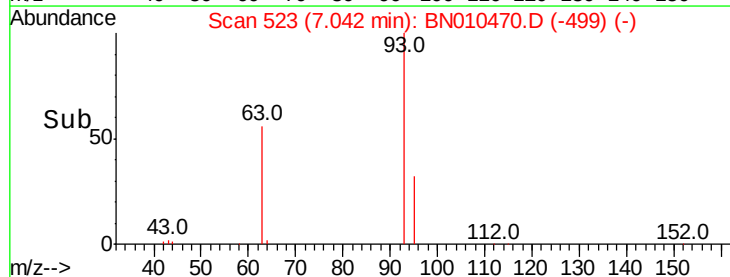
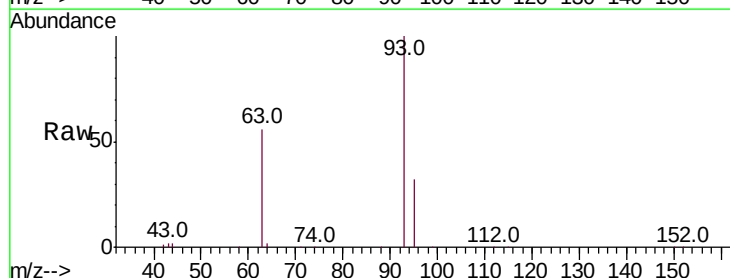
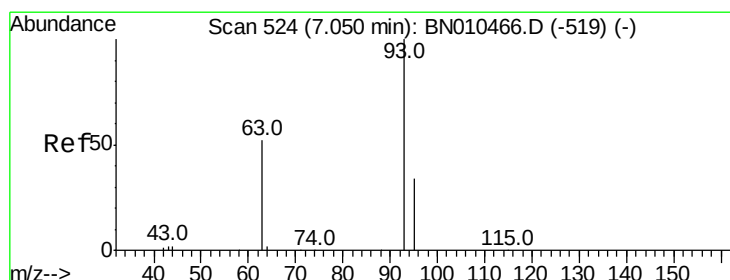
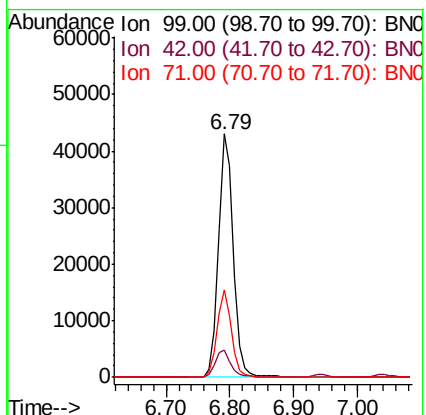
Tot Ion: 99 Resp: 69040

Ion Ratio Lower Upper

99 100

42 11.8 9.8 14.6

71 34.9 27.8 41.8



#6

bis(2-Chloroethyl)ether

Concen: 4.791 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

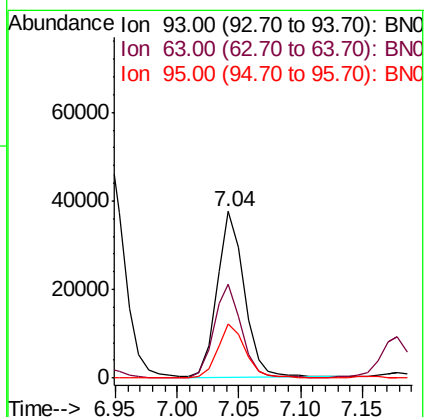
Tgt Ion: 93 Resp: 57155

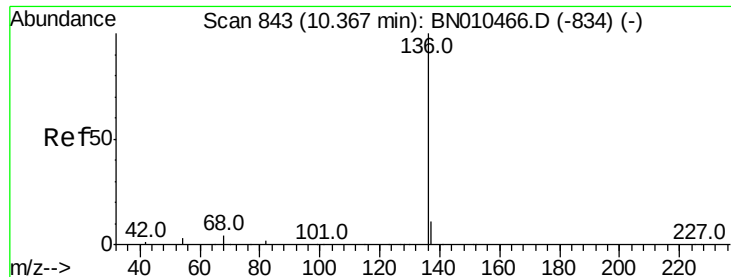
Ion Ratio Lower Upper

93 100

63 57.2 44.6 66.8

95 32.9 26.5 39.7





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 17872

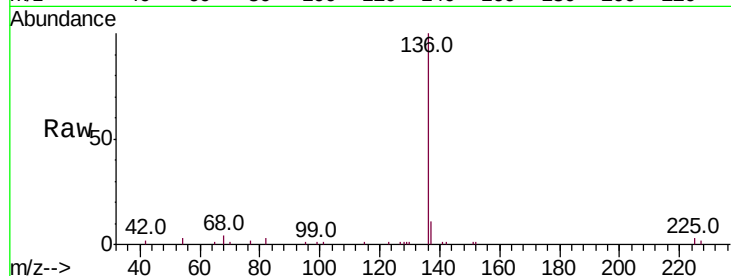
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 3.3 2.6 4.0

68 4.0 3.4 5.2

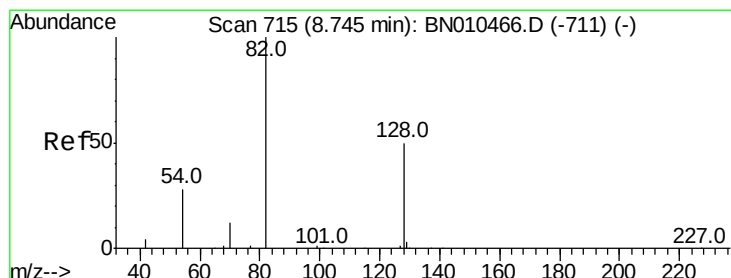
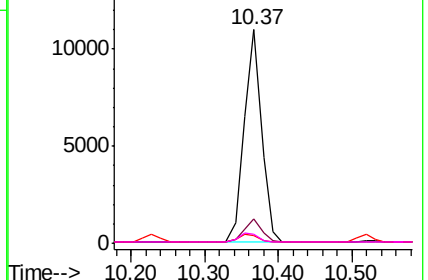
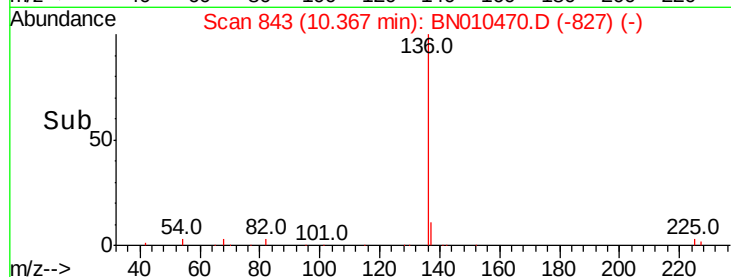


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.866 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

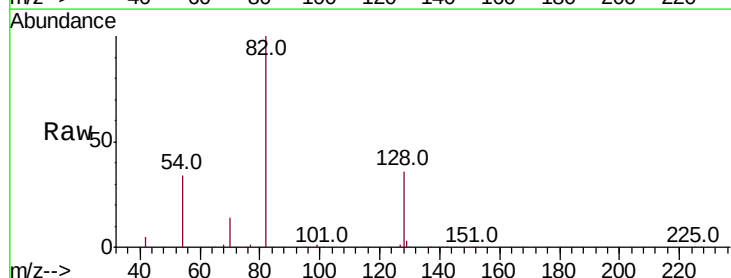
Tgt Ion: 82 Resp: 67181

Ion Ratio Lower Upper

82 100

128 36.3 41.3 61.9#

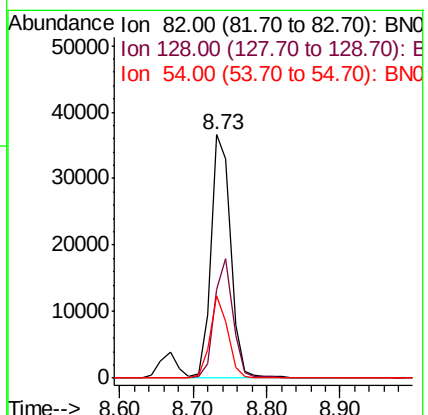
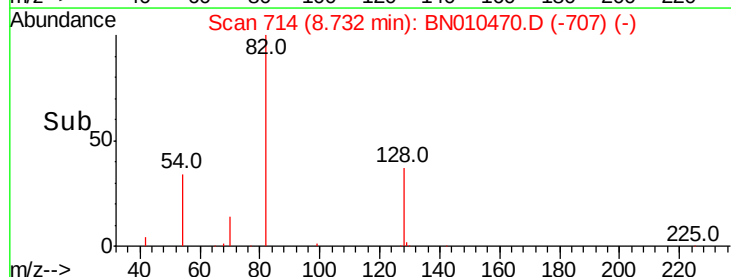
54 33.6 23.4 35.0

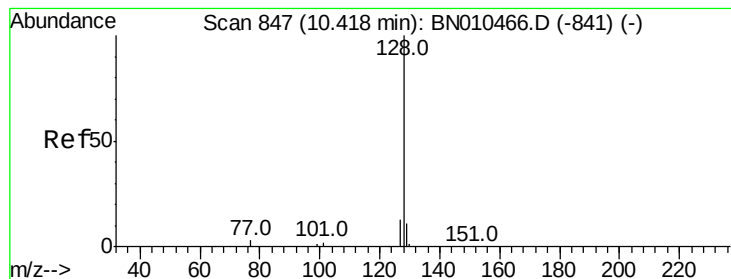


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.080 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

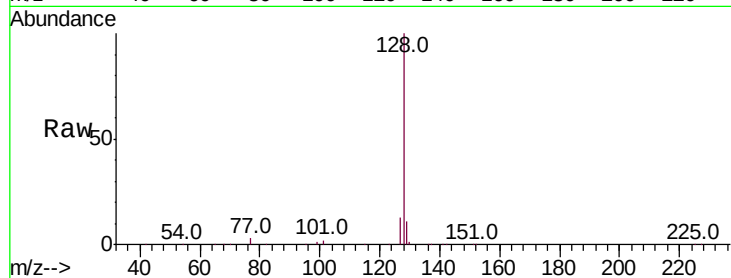
Tot Ion:128 Resp: 226406

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

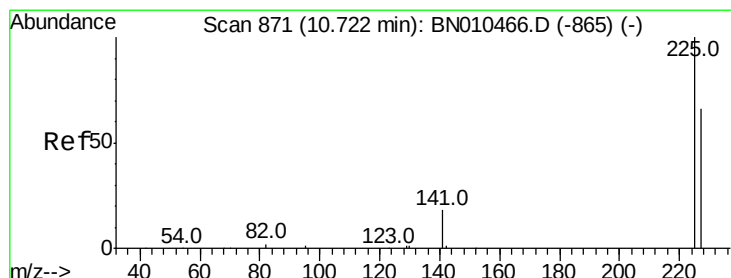
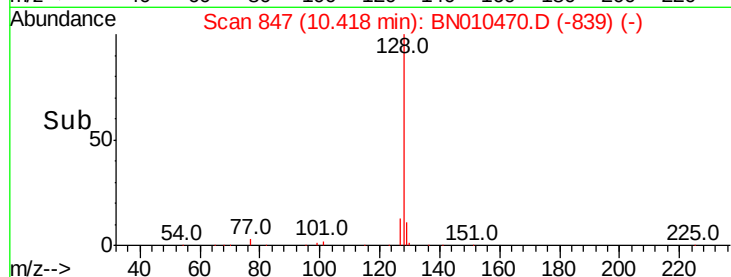
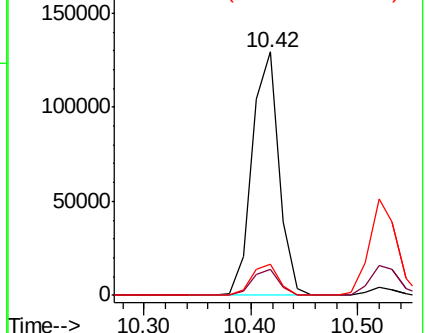
127 12.9 10.5 15.7



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: 4.907 ng

RT: 10.72 min Scan# 871

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

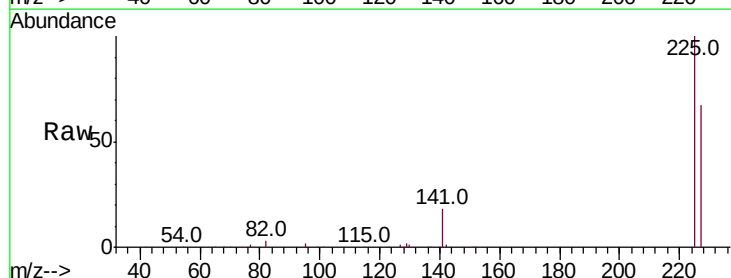
Tgt Ion:225 Resp: 53011

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

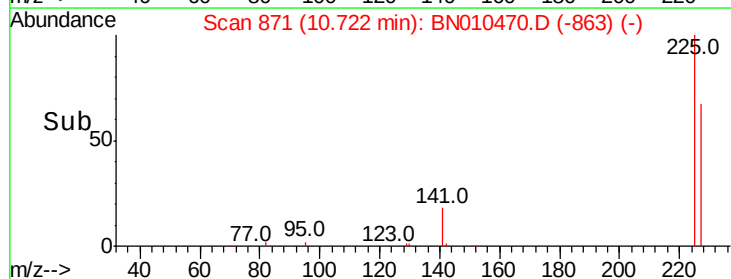
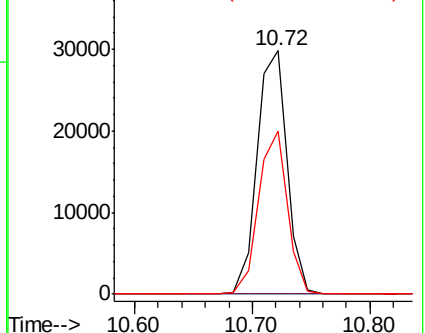
227 64.3 50.6 76.0

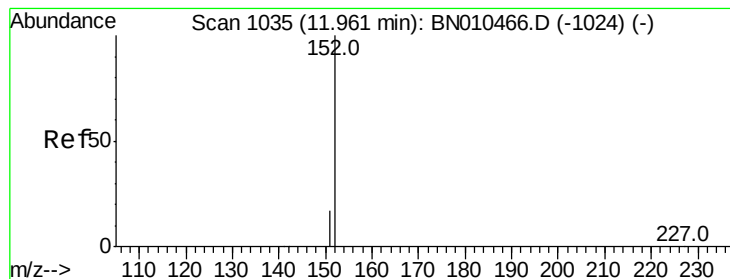


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 5.280 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

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ClientSampleId :

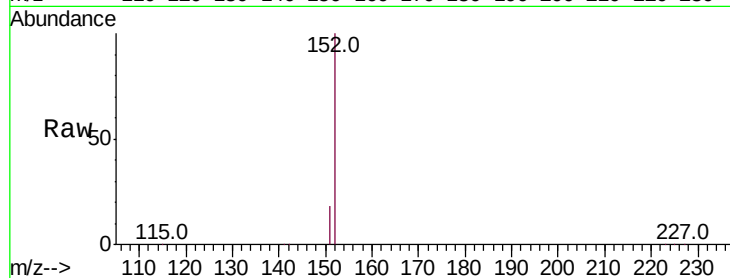
SSTDICC5.0

Tot Ion:152 Resp: 150638

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

100000

80000

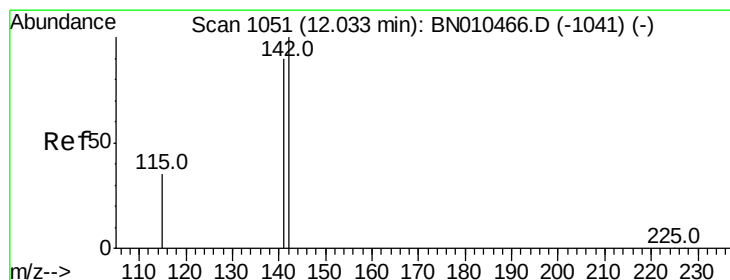
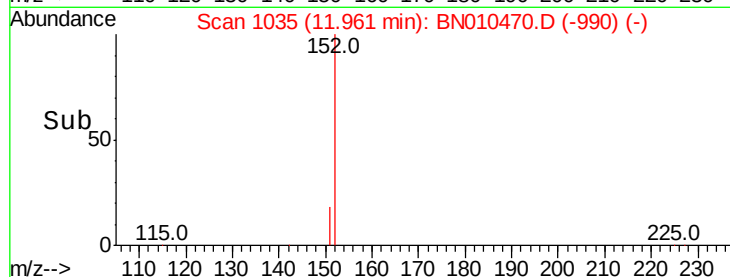
60000

40000

20000

0

Time--> 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 5.233 ng

RT: 12.03 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

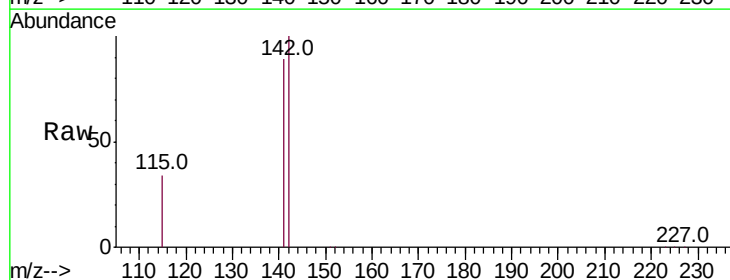
Tgt Ion:142 Resp: 161673

Ion Ratio Lower Upper

142 100

141 88.8 71.9 107.9

115 34.4 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

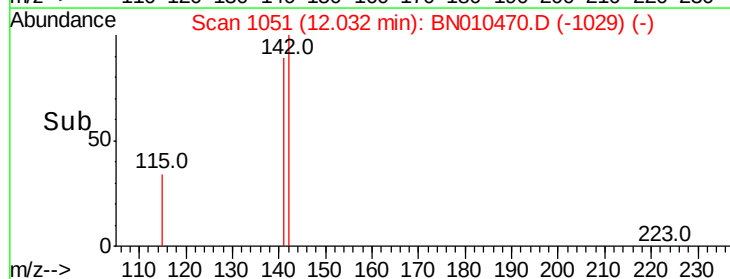
Ion 115.00 (114.70 to 115.70): E

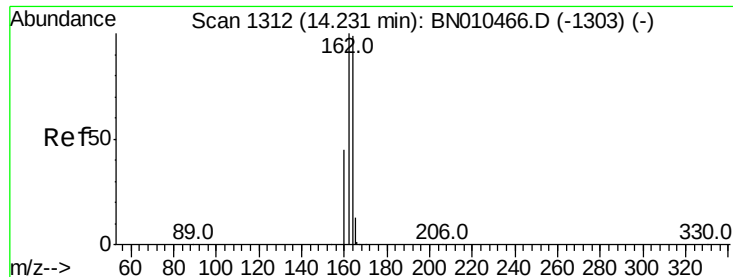
100000

50000

0

Time--> 12.00 12.10 12.20

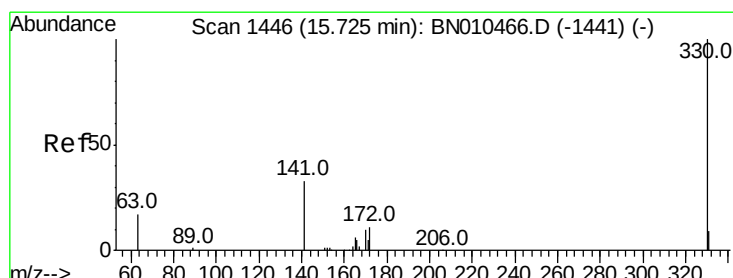
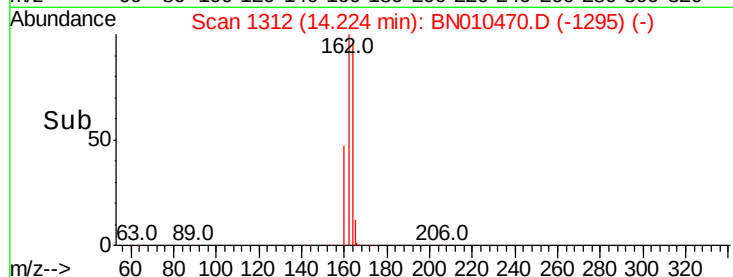
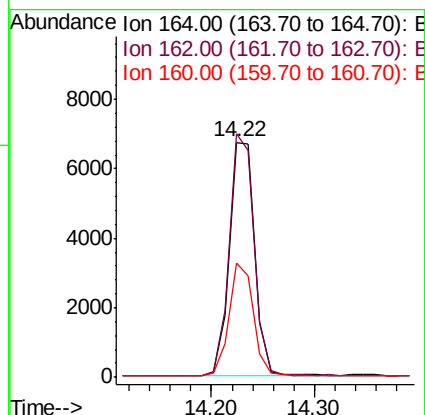
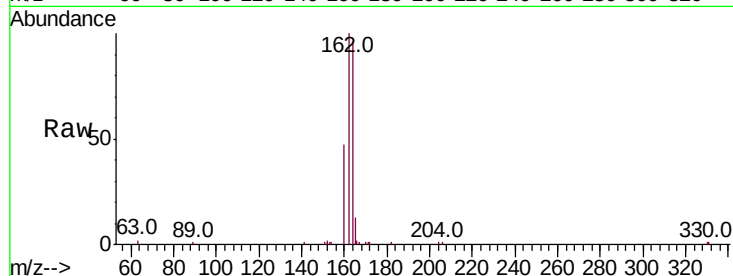




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.22 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BN010470.D
 Acq: 13 Apr 2020 16:48

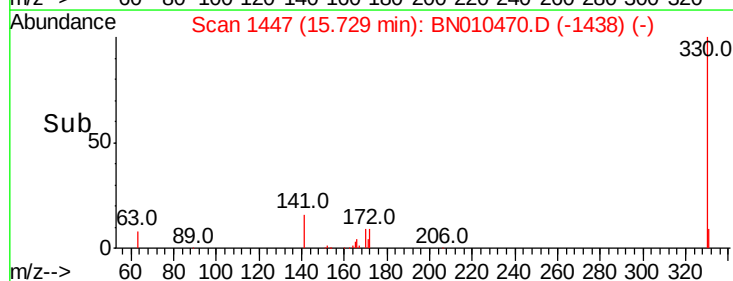
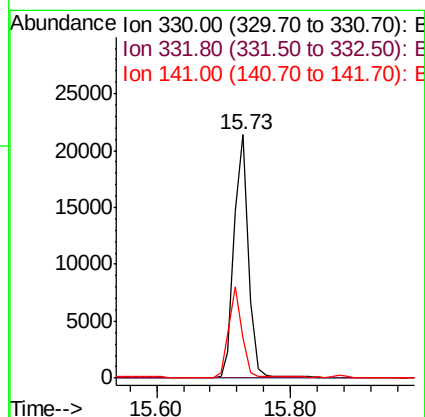
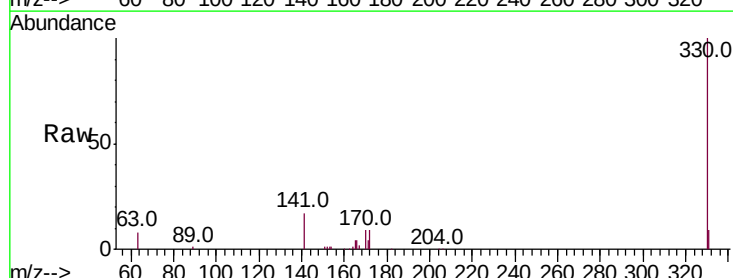
Instrument :
 BNA_N
 ClientSampleId :
 SSTDIC5.0

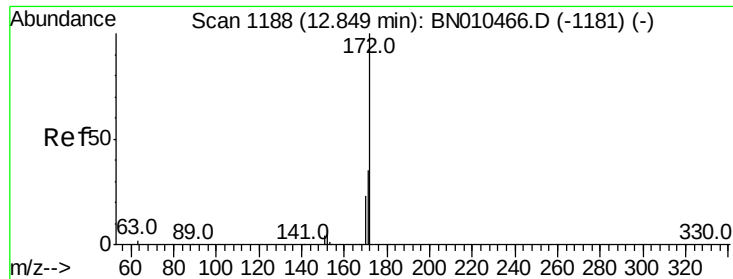
Tot Ion:164 Resp: 11261
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.6 121.0
 160 48.6 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 7.211 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BN010470.D
 Acq: 13 Apr 2020 16:48

Tgt Ion:330 Resp: 31208
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.2 28.1 42.1

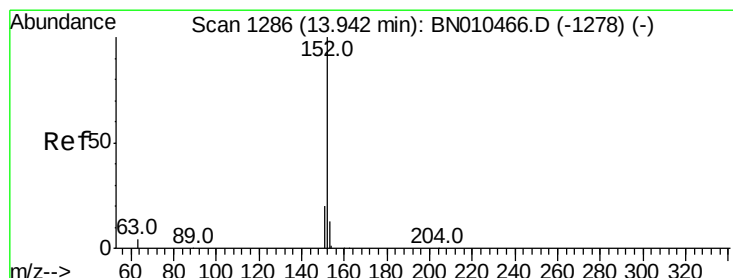
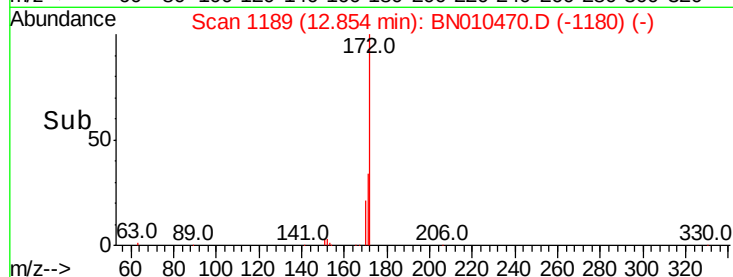
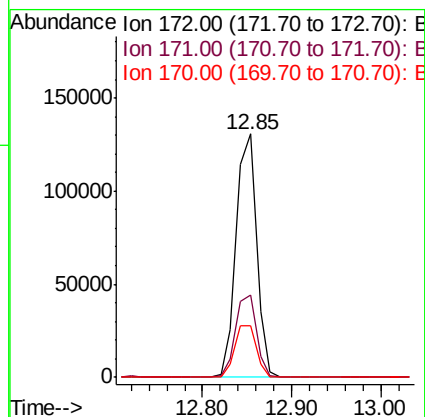
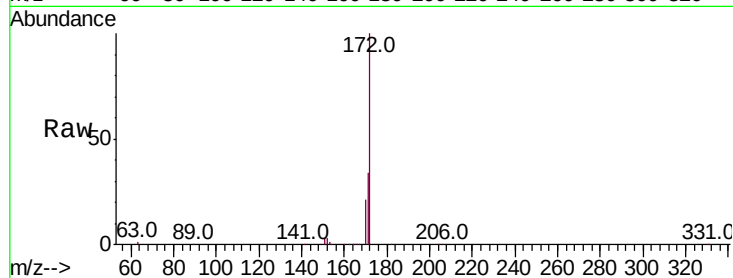




#15
2-Fluorobiphenyl
Concen: 4.830 ng
RT: 12.85 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BN010470.D
Acq: 13 Apr 2020 16:48

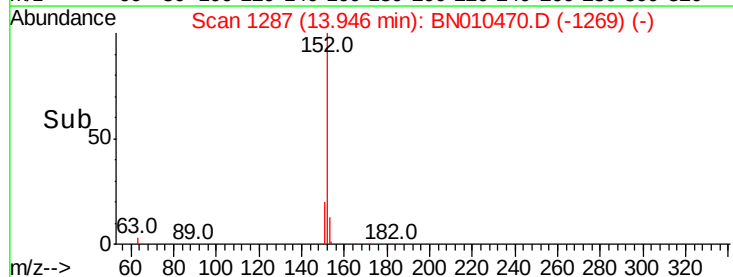
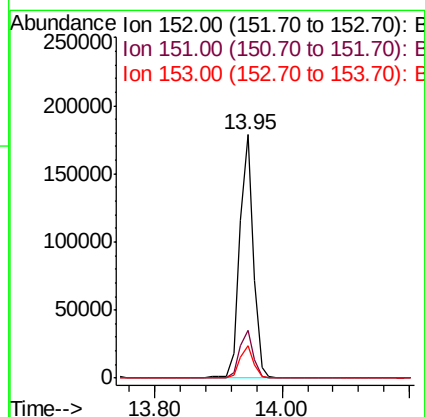
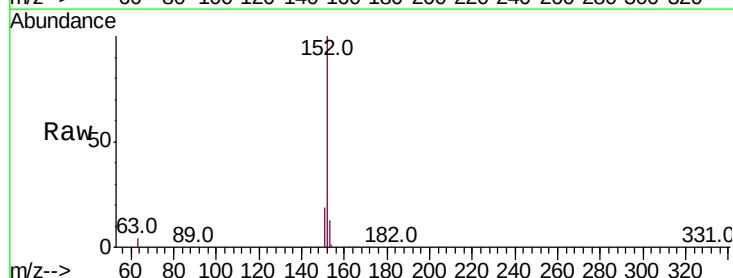
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

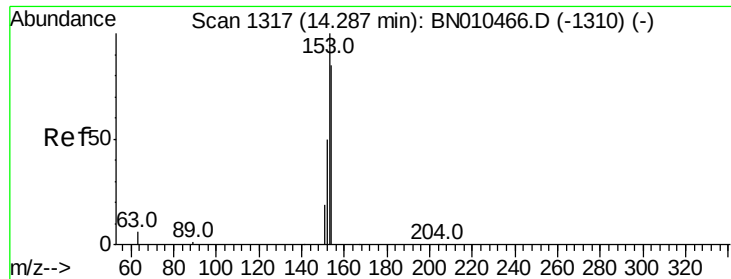
Tot Ion:172 Resp: 208153
Ion Ratio Lower Upper
172 100
171 33.6 28.2 42.2
170 21.5 18.4 27.6



#16
Acenaphthylene
Concen: 6.040 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010470.D
Acq: 13 Apr 2020 16:48

Tgt Ion:152 Resp: 266884
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 5.343 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

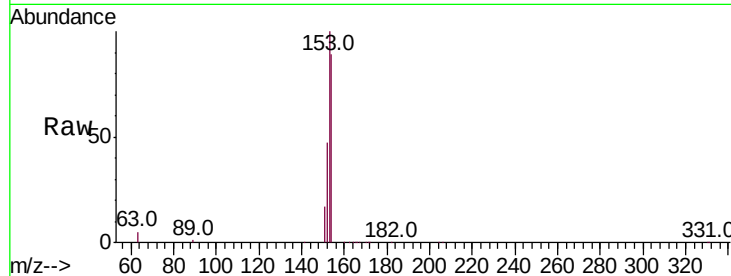
Tot Ion:154 Resp: 168224

Ion Ratio Lower Upper

154 100

153 107.7 91.0 136.4

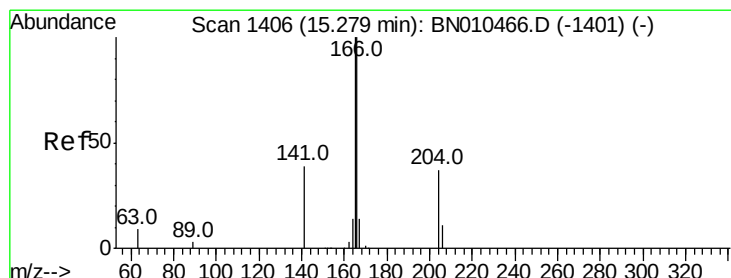
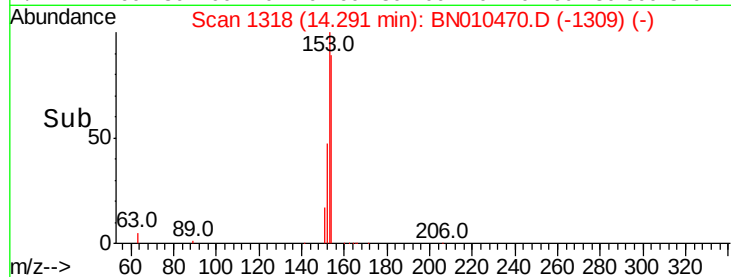
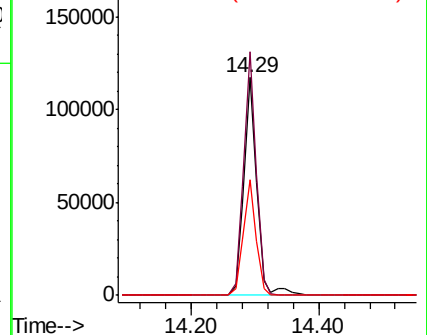
152 51.2 44.6 67.0



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: 5.170 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

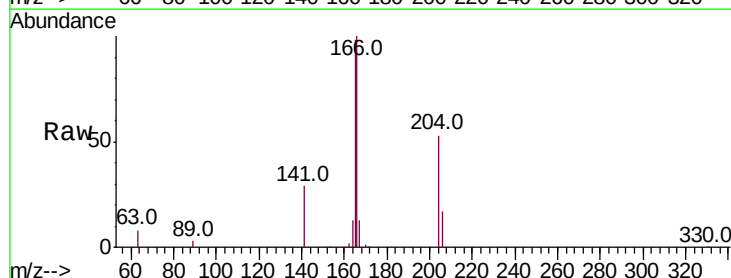
Tgt Ion:166 Resp: 216195

Ion Ratio Lower Upper

166 100

165 97.3 78.4 117.6

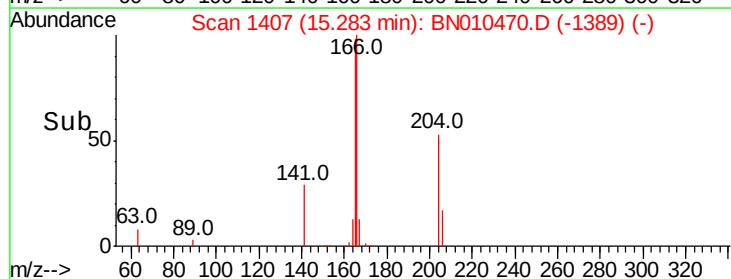
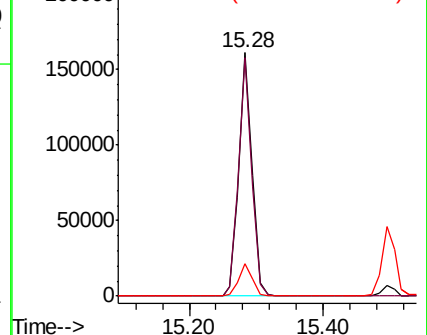
167 13.4 10.9 16.3

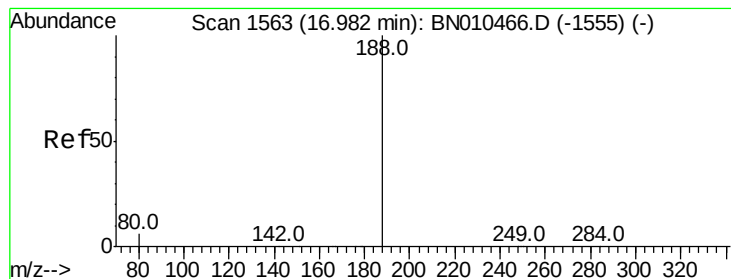


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC5.0

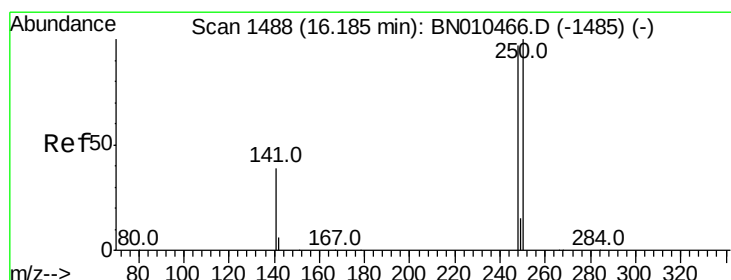
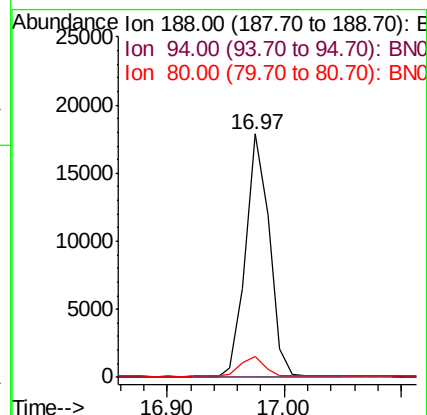
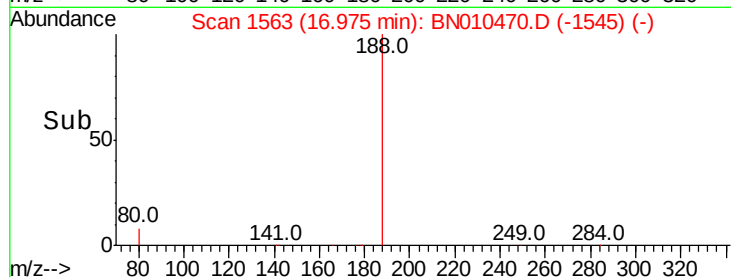
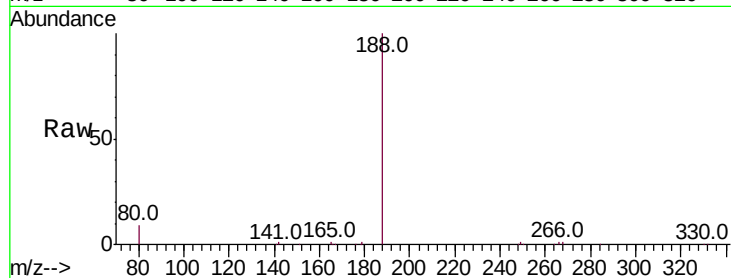
Tot Ion:188 Resp: 25065

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 5.0 7.6#



#20

4-Bromophenyl-phenylether

Concen: 5.027 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

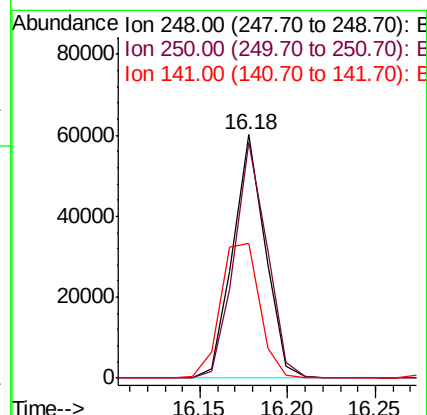
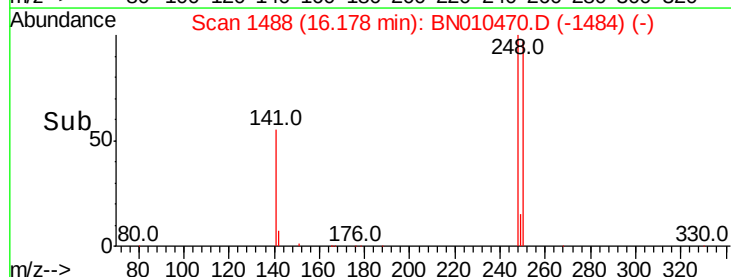
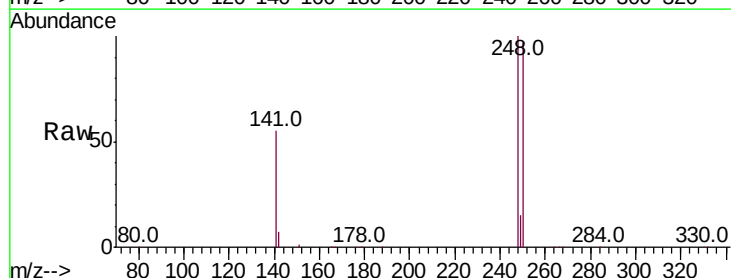
Tgt Ion:248 Resp: 76448

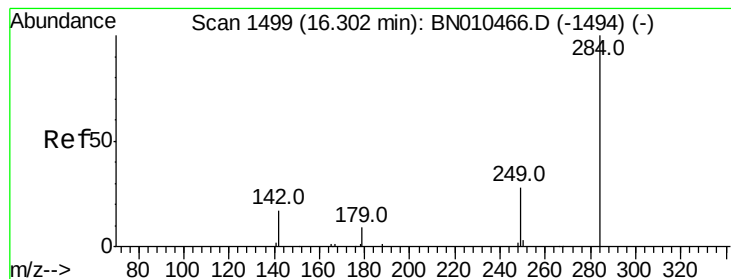
Ion Ratio Lower Upper

248 100

250 96.8 82.3 123.5

141 55.2 35.2 52.8#





#21

Hexachlorobenzene

Concen: 5.138 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

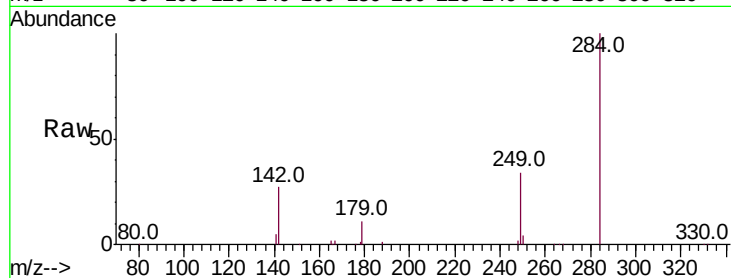
Tot Ion:284 Resp: 80252

Ion Ratio Lower Upper

284 100

142 32.1 25.5 38.3

249 32.5 25.8 38.6

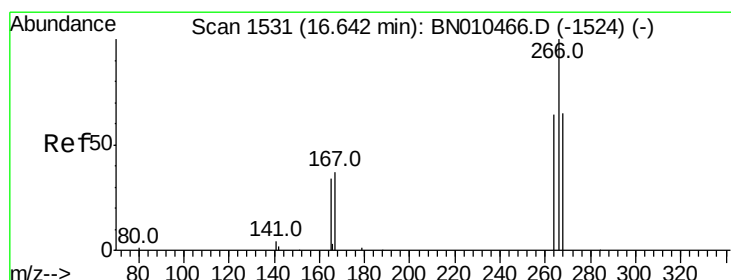
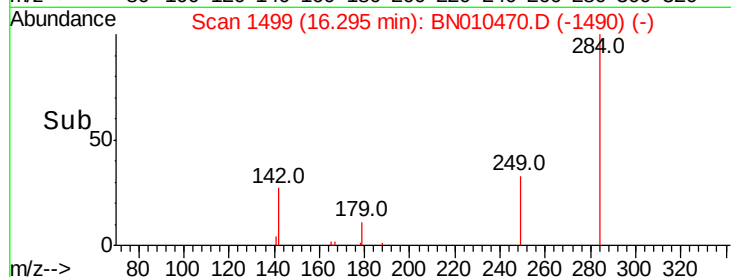
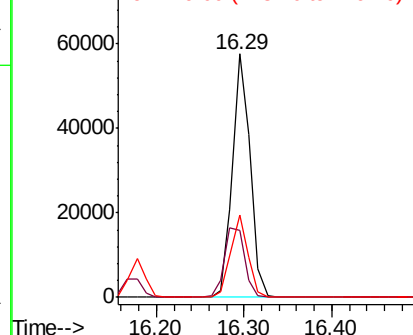


Abundance

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: 7.392 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

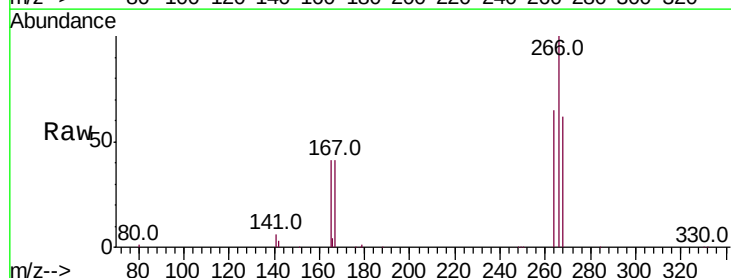
Tgt Ion:266 Resp: 39516

Ion Ratio Lower Upper

266 100

264 64.8 51.8 77.6

268 62.1 53.7 80.5

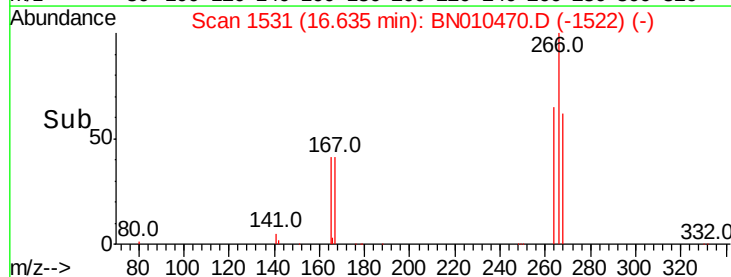
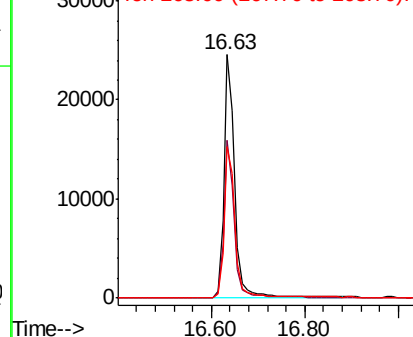


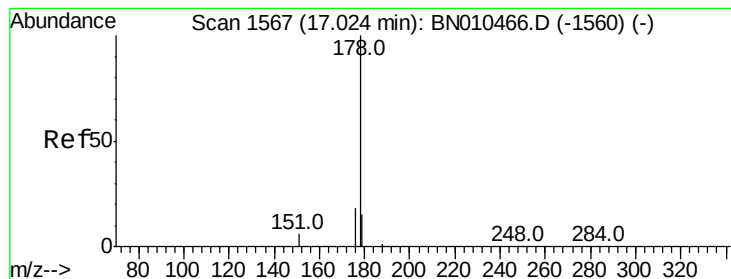
Abundance

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: 5.152 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

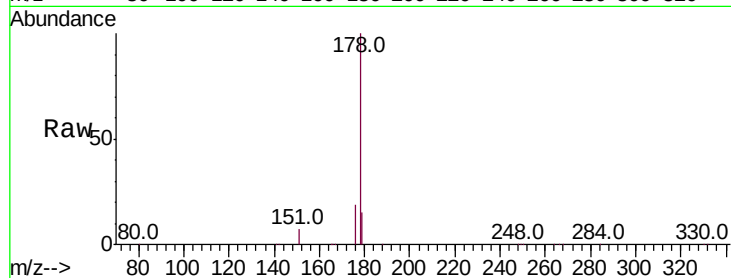
Tot Ion:178 Resp: 354937

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

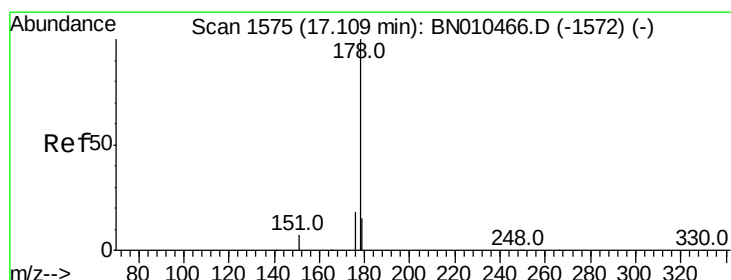
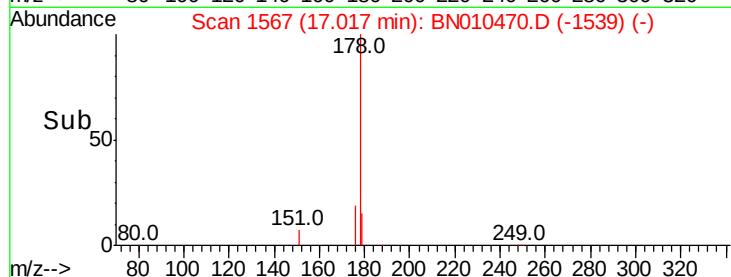
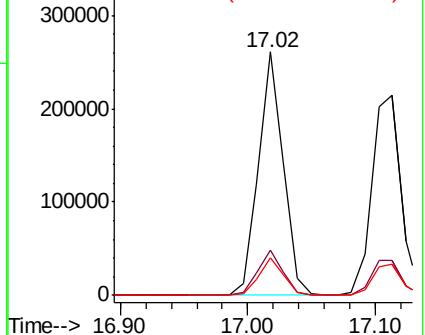
179 15.3 12.6 18.8



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: 5.769 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

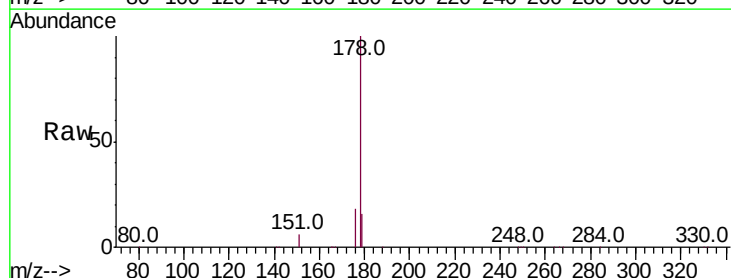
Tgt Ion:178 Resp: 339862

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

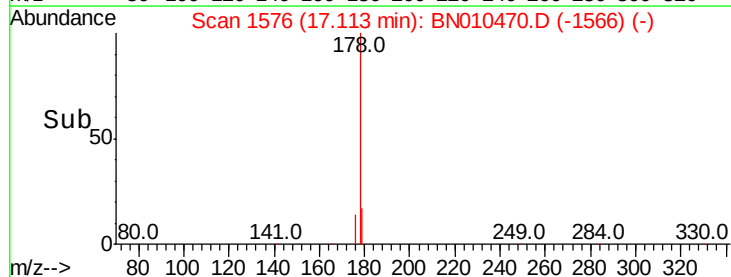
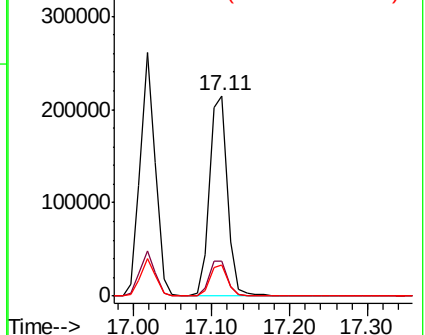
179 15.4 12.2 18.2

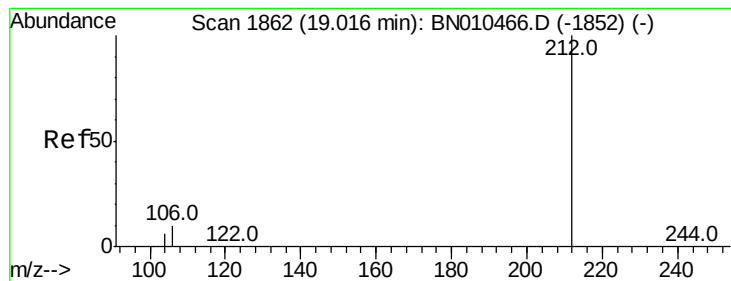


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.314 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

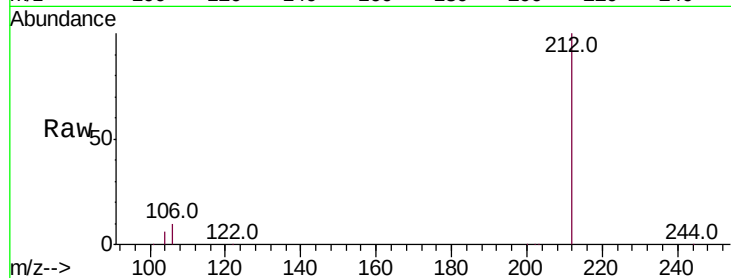
Tot Ion:212 Resp: 401649

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

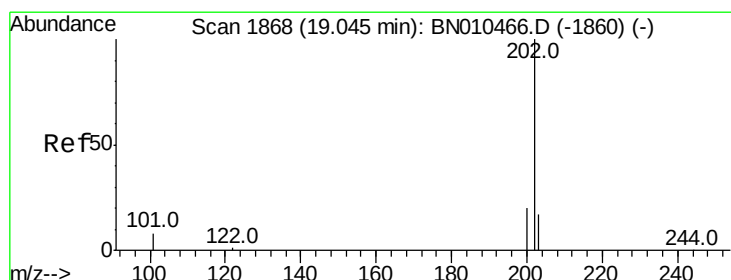
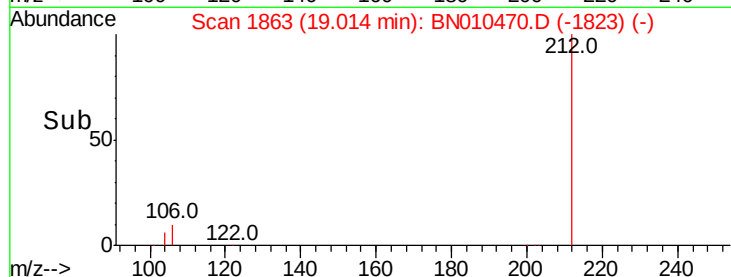
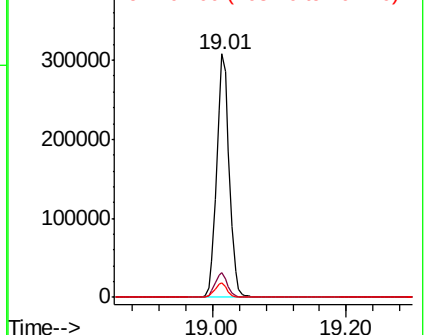
104 5.6 4.5 6.7



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: 5.150 ng

RT: 19.04 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

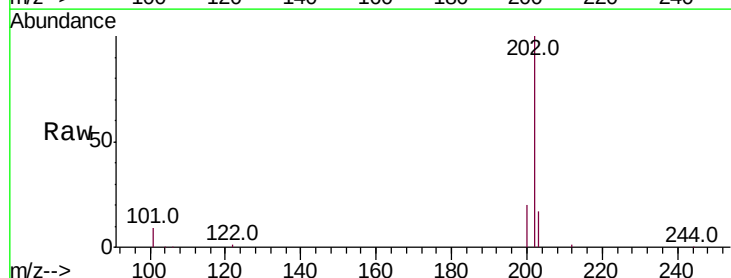
Tgt Ion:202 Resp: 434801

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

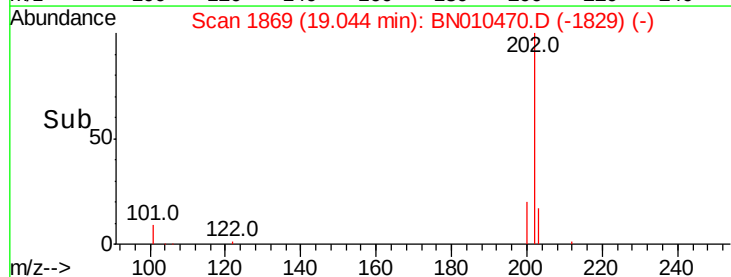
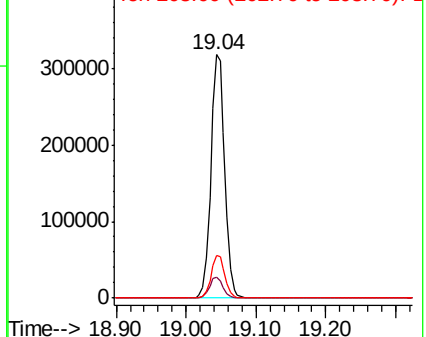
203 17.5 13.9 20.9

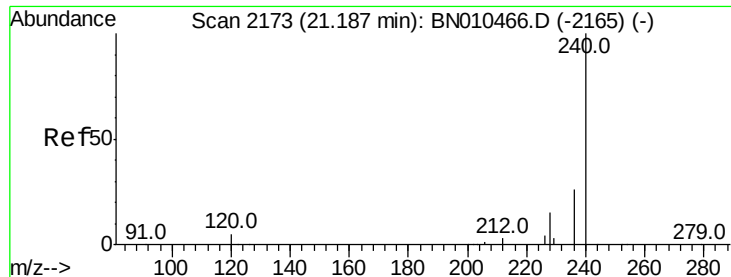


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

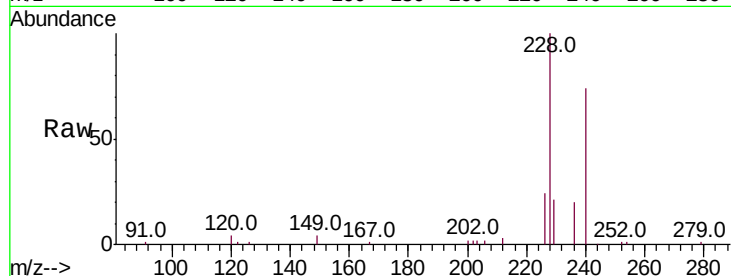
Tot Ion:240 Resp: 26173

Ion Ratio Lower Upper

240 100

120 5.8 4.8 7.2

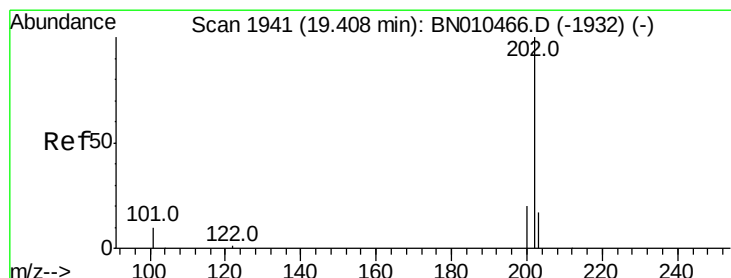
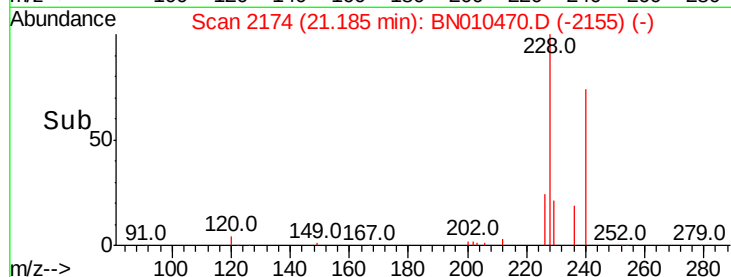
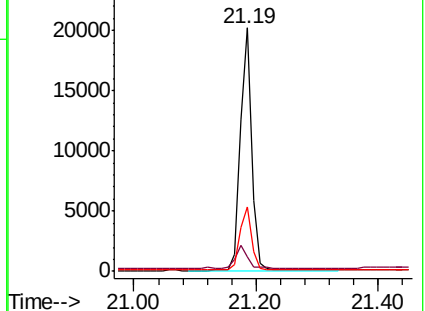
236 26.4 21.4 32.0



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: 5.413 ng

RT: 19.41 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

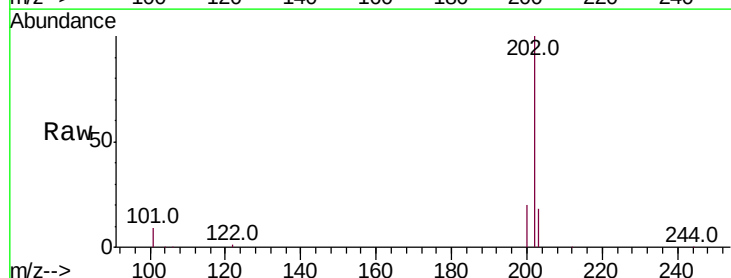
Tgt Ion:202 Resp: 441137

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

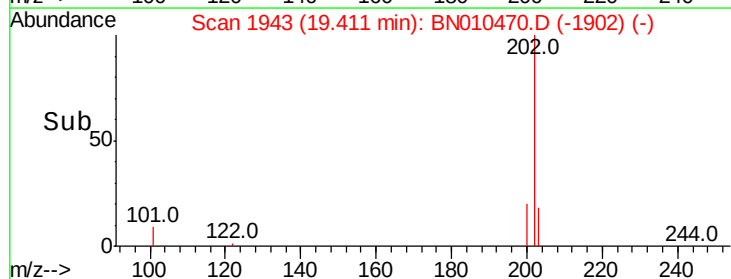
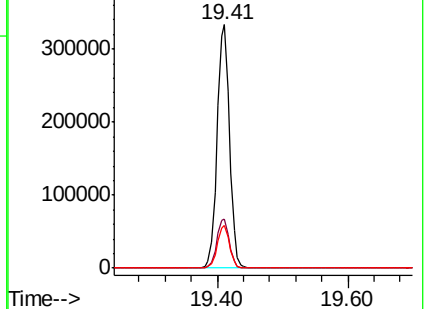
203 17.5 14.0 21.0

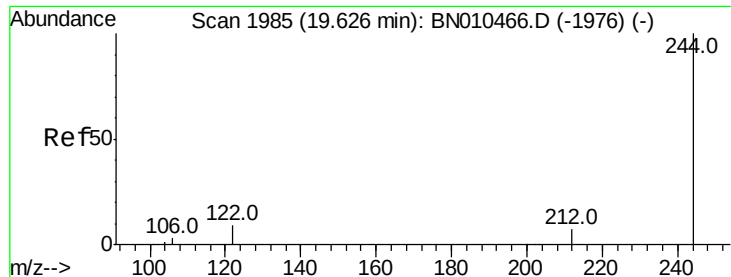


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.365 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

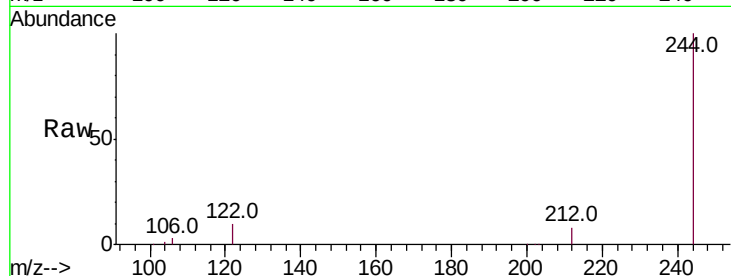
Tot Ion:244 Resp: 303367

Ion Ratio Lower Upper

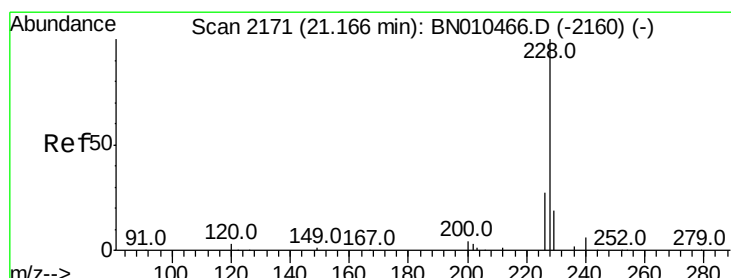
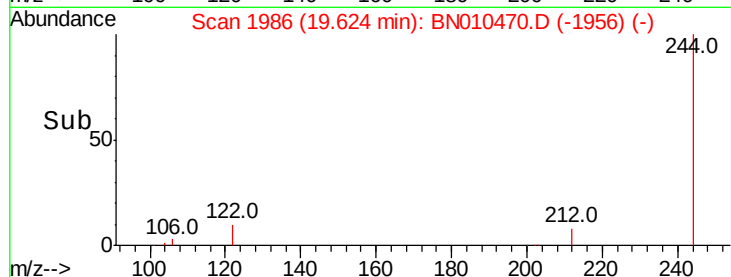
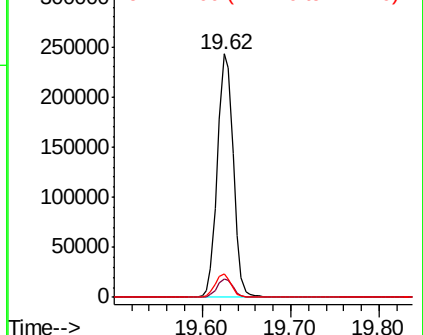
244 100

212 7.6 6.2 9.4

122 9.7 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: 5.258 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

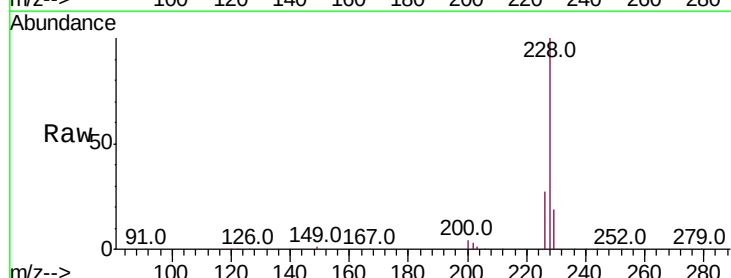
Tgt Ion:228 Resp: 438329

Ion Ratio Lower Upper

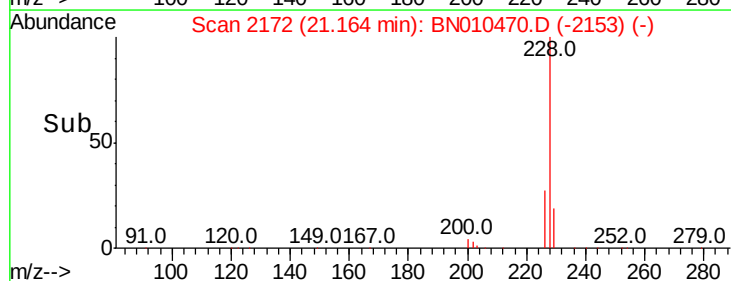
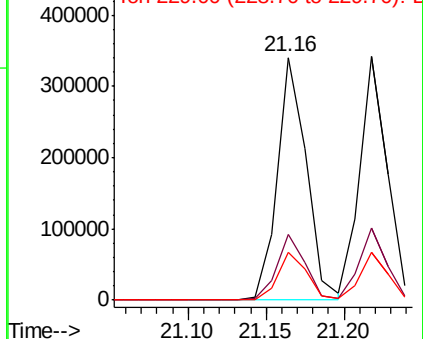
228 100

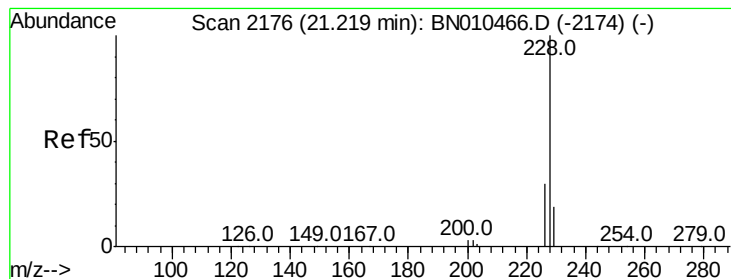
226 27.1 21.7 32.5

229 19.5 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: 4.667 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

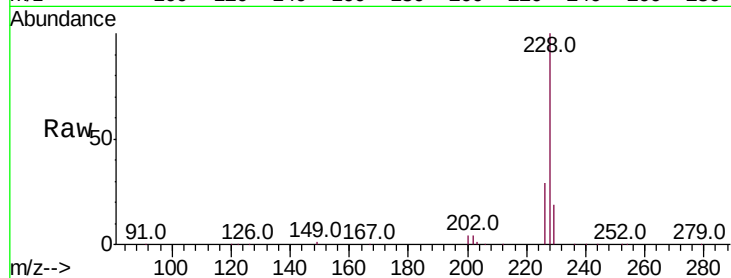
Tot Ion:228 Resp: 417200

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

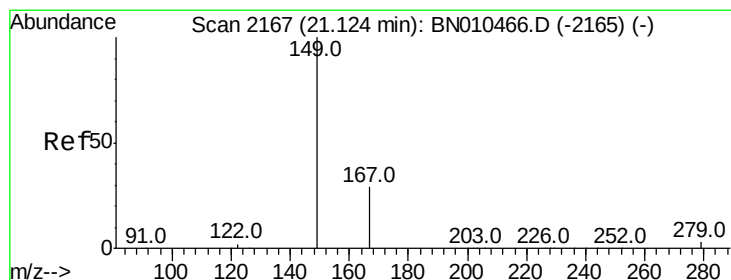
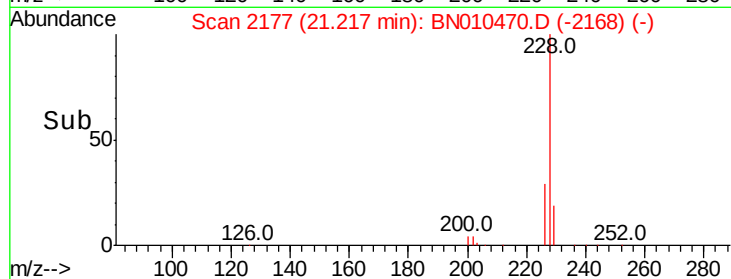
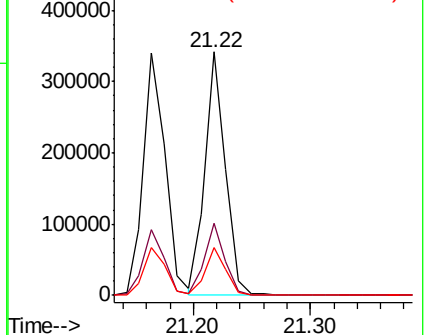
229 19.4 15.8 23.6



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: 8.260 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

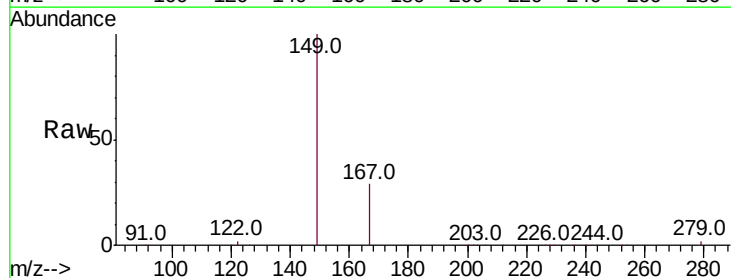
Tgt Ion:149 Resp: 232329

Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.0

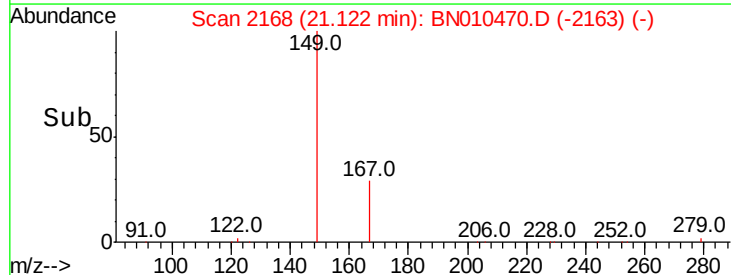
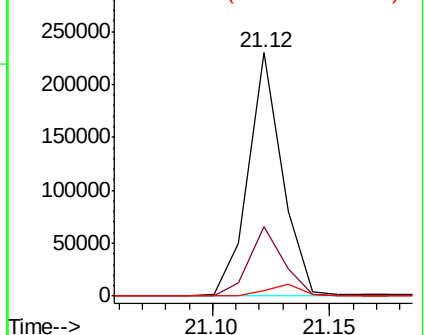
279 4.8 4.0 6.0

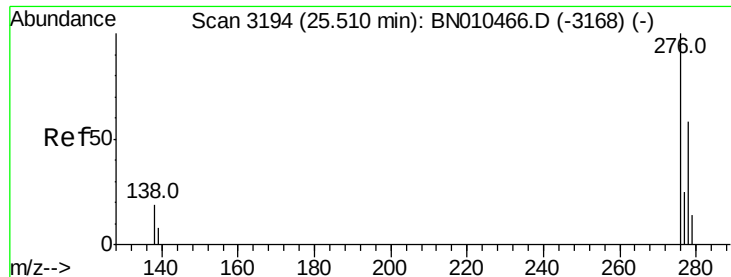


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.863 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

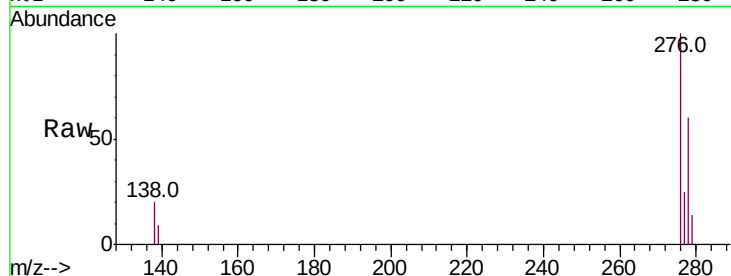
Tot Ion:276 Resp: 369880

Ion Ratio Lower Upper

276 100

138 20.6 16.4 24.6

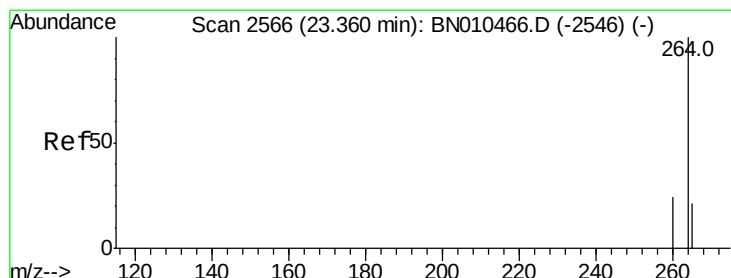
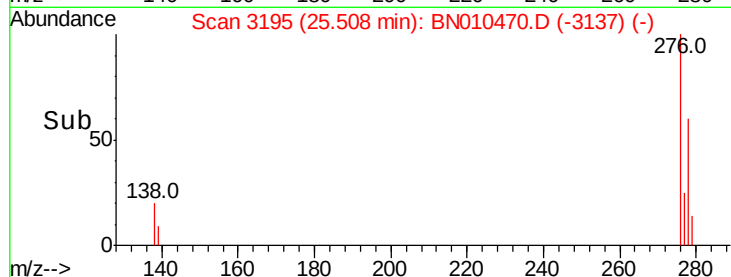
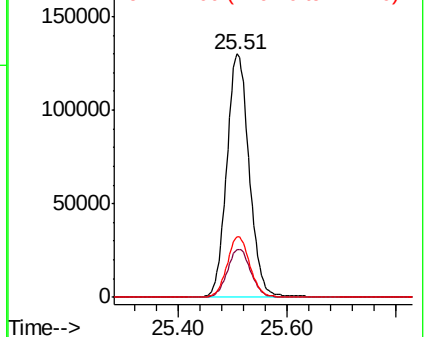
277 25.1 19.8 29.6



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# 2567

Delta R.T. -0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

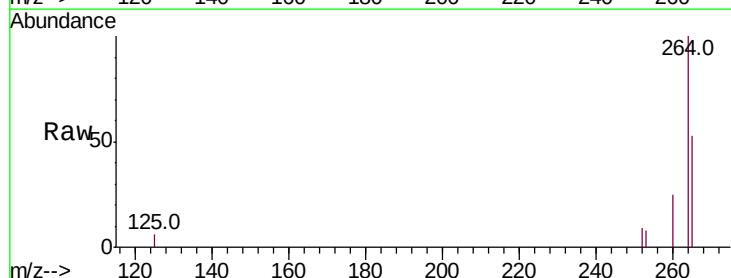
Tgt Ion:264 Resp: 22069

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

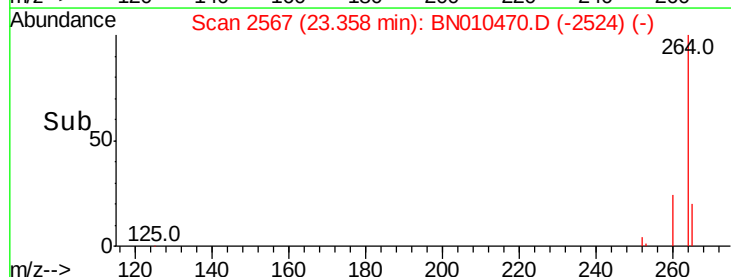
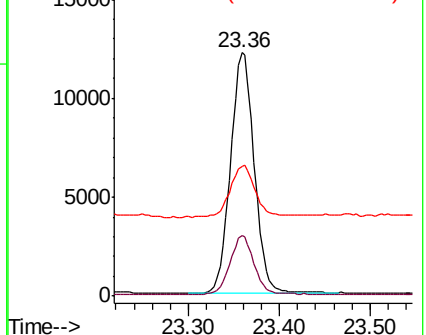
265 53.5 42.3 63.5

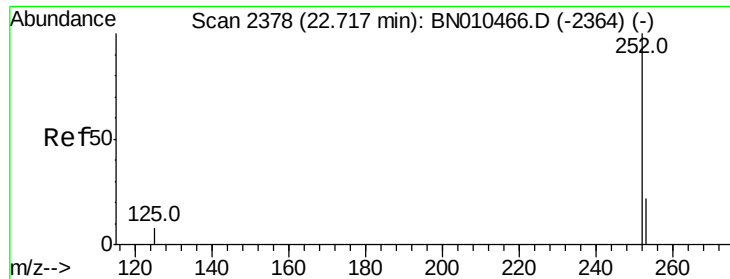


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

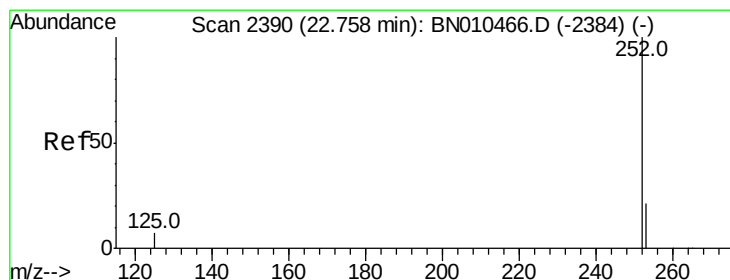
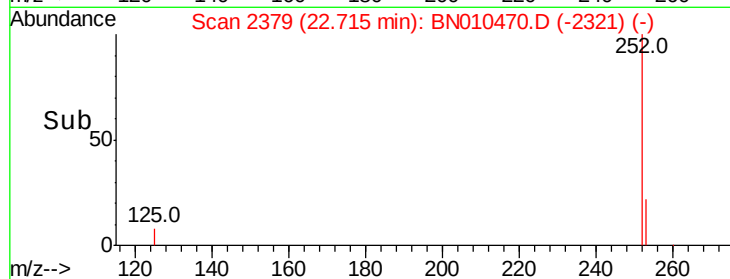
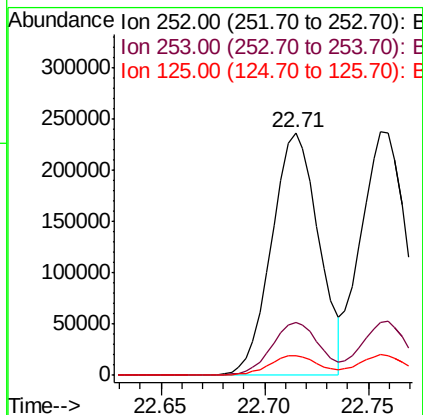
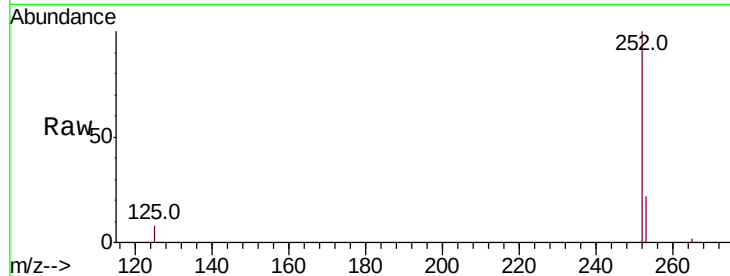




#35
Benzo(b)fluoranthene
Concen: 4.939 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010470.D
Acq: 13 Apr 2020 16:48

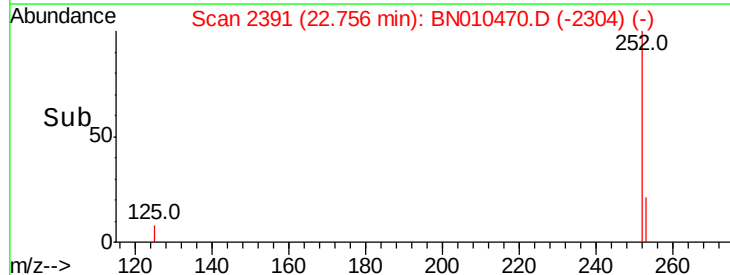
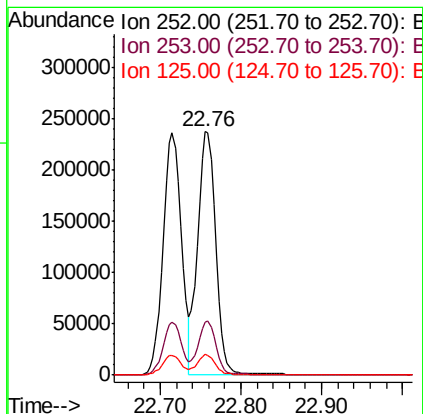
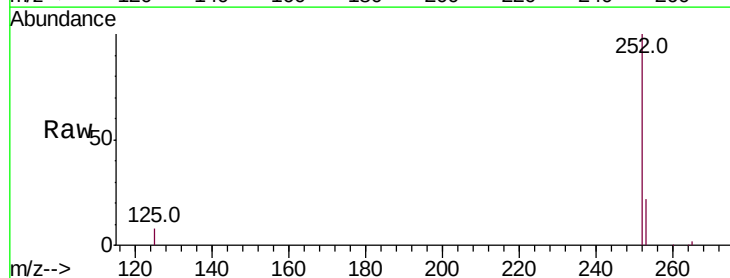
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

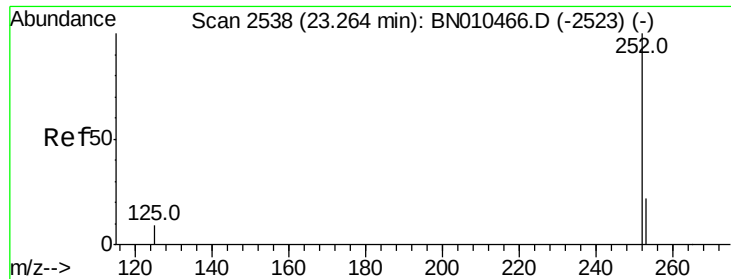
Tot Ion:252 Resp: 370404
Ion Ratio Lower Upper
252 100
253 21.9 20.2 30.4
125 8.2 9.2 13.8#



#36
Benzo(k)fluoranthene
Concen: 4.812 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BN010470.D
Acq: 13 Apr 2020 16:48

Tgt Ion:252 Resp: 367135
Ion Ratio Lower Upper
252 100
253 21.6 20.1 30.1
125 8.3 9.6 14.4#





#37

Benzo(a)pyrene

Concen: 5.243 ng

RT: 23.27 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

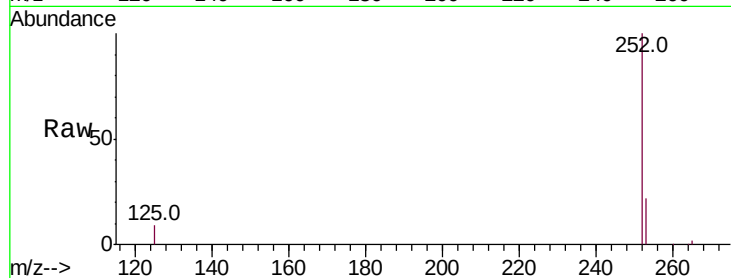
Tot Ion:252 Resp: 331641

Ion Ratio Lower Upper

252 100

253 21.9 21.8 32.8

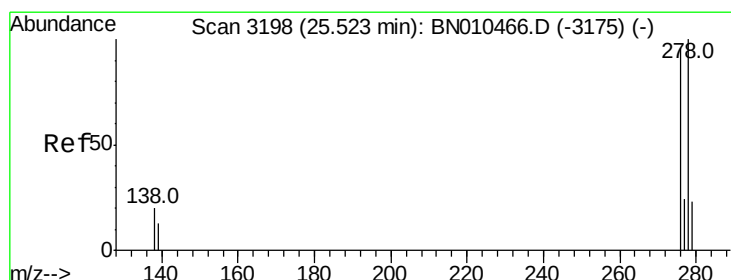
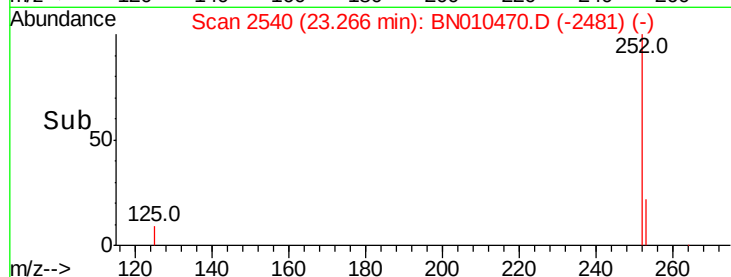
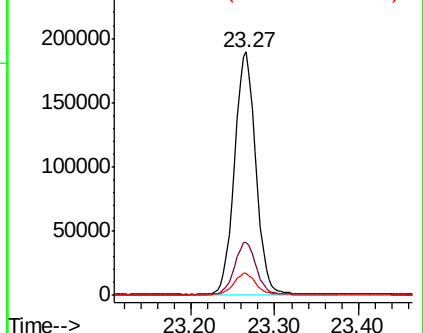
125 9.0 11.0 16.6#



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: 4.406 ng

RT: 25.52 min Scan# 3200

Delta R.T. 0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

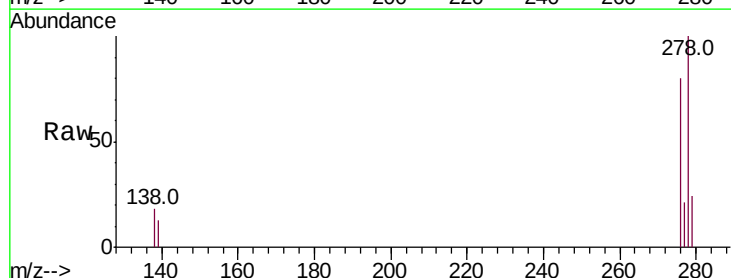
Tgt Ion:278 Resp: 301367

Ion Ratio Lower Upper

278 100

139 13.2 12.3 18.5

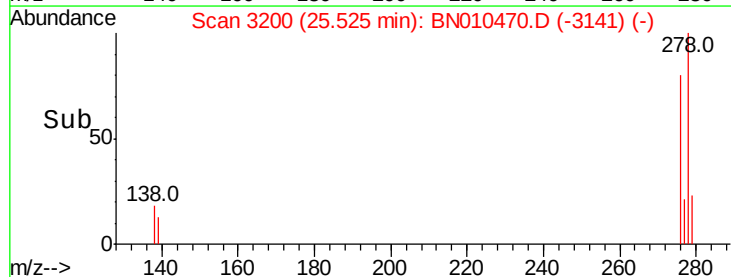
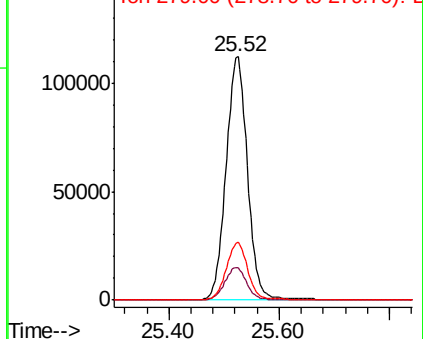
279 23.7 21.9 32.9

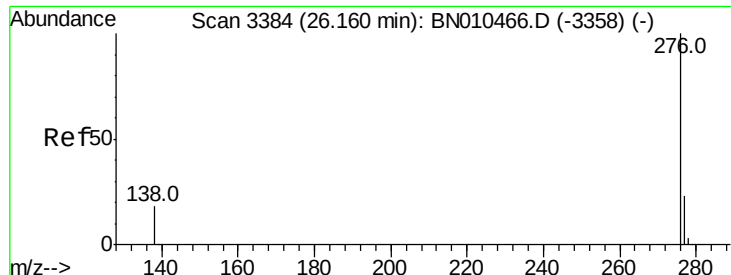


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.349 ng

RT: 26.16 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BN010470.D

Acq: 13 Apr 2020 16:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

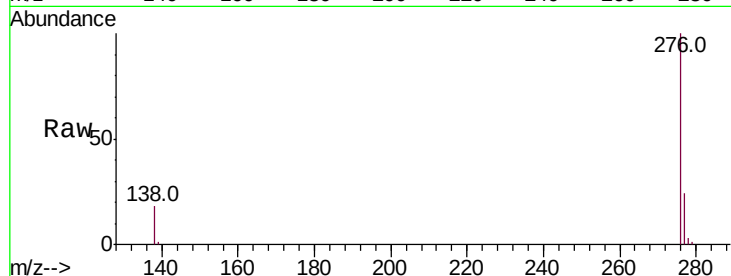
Tot Ion:276 Resp: 299459

Ion Ratio Lower Upper

276 100

277 23.7 20.2 30.2

138 17.8 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

