

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010921.D
 Acq On : 17 Jun 2020 00:55
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 17 03:52:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2492	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8103	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4389	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	8829	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8345	0.40	ng	0.00
34) Perylene-d12	23.26	264	8434	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2129	0.44	ng	0.00
5) Phenol-d6	6.74	99	2451	0.43	ng	0.00
8) Nitrobenzene-d5	8.68	82	2539	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5168	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	618	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	7452	0.43	ng	0.00
25) Fluoranthene-d10	18.96	212	9978	0.41	ng	0.00
29) Terphenyl-d14	19.57	244	8276	0.42	ng	0.00

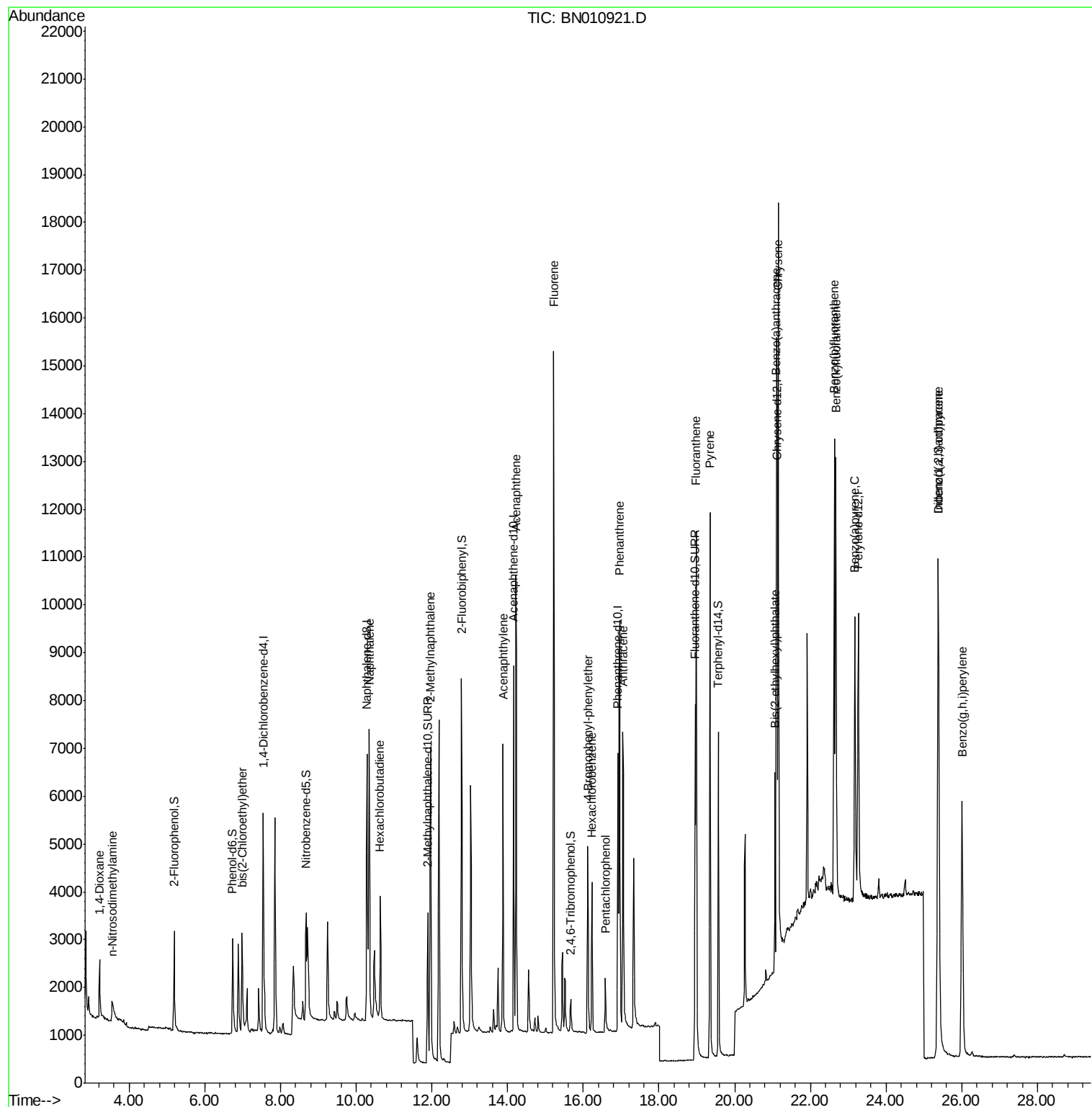
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1072	0.439	ng	97
3) n-Nitrosodimethylamine	3.55	42	558	0.393	ng	# 91
6) bis(2-Chloroethyl)ether	6.99	93	2242	0.406	ng	96
9) Naphthalene	10.34	128	8714	0.428	ng	99
10) Hexachlorobutadiene	10.63	225	2043	0.406	ng	# 100
12) 2-Methylnaphthalene	11.97	142	5718	0.420	ng	98
16) Acenaphthylene	13.87	152	7456	0.415	ng	99
17) Acenaphthene	14.22	154	5177	0.422	ng	99
18) Fluorene	15.22	166	6516	0.412	ng	98
20) 4-Bromophenyl-phenylether	16.12	248	2154	0.406	ng	92
21) Hexachlorobenzene	16.23	284	2340	0.423	ng	99
22) Pentachlorophenol	16.58	266	784	0.422	ng	97
23) Phenanthrene	16.96	178	10211	0.423	ng	99
24) Anthracene	17.05	178	8397	0.417	ng	99
26) Fluoranthene	18.99	202	11394	0.416	ng	99
28) Pyrene	19.35	202	11327	0.410	ng	100
30) Benzo(a)anthracene	21.10	228	10121	0.413	ng	97
31) Chrysene	21.16	228	13271	0.464	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	3497	0.428	ng	98
33) Indeno(1,2,3-cd)pyrene	25.37	276	13768	0.431	ng	# 96
35) Benzo(b)fluoranthene	22.63	252	12041	0.420	ng	98
36) Benzo(k)fluoranthene	22.67	252	12704	0.416	ng	98
37) Benzo(a)pyrene	23.17	252	10188	0.414	ng	96
38) Dibenzo(a,h)anthracene	25.39	278	11104	0.396	ng	97
39) Benzo(g,h,i)perylene	26.01	276	11641	0.397	ng	98

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

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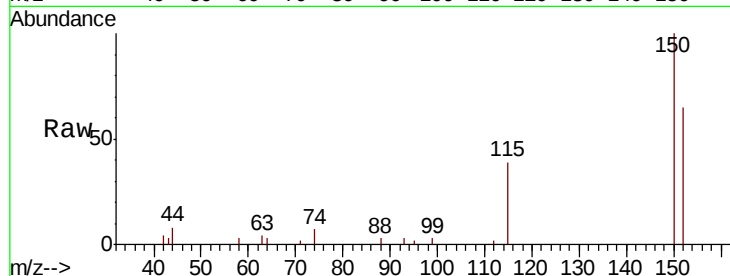


#1

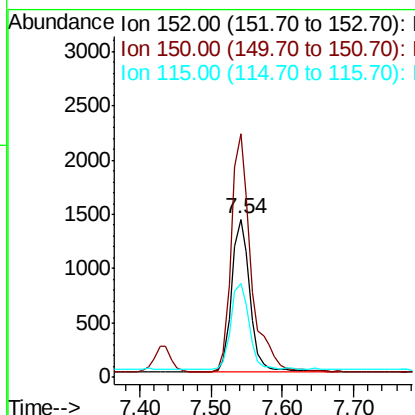
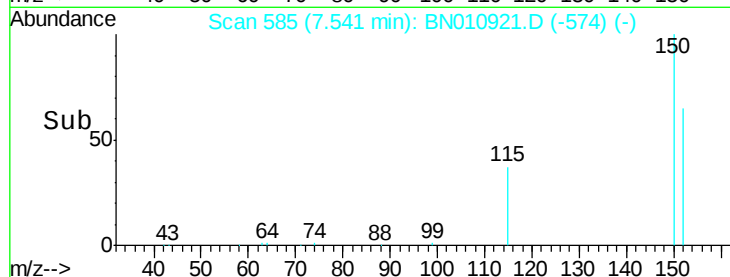
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010921.D
Acq: 17 Jun 2020 00:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2492
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 59.4 49.2 73.8



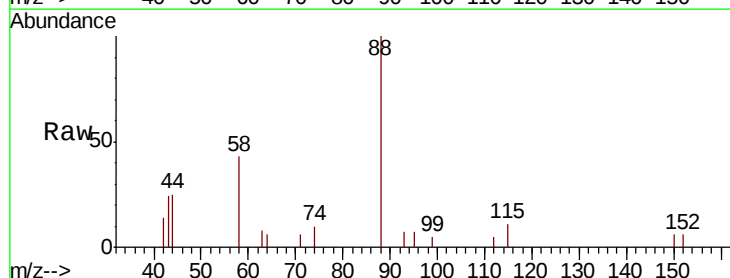
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



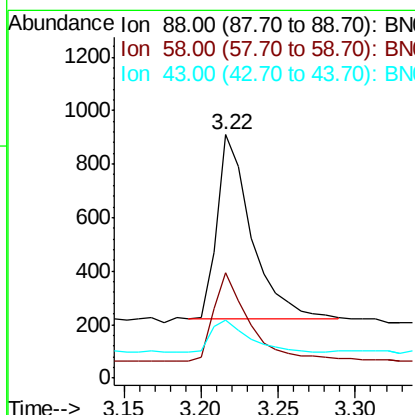
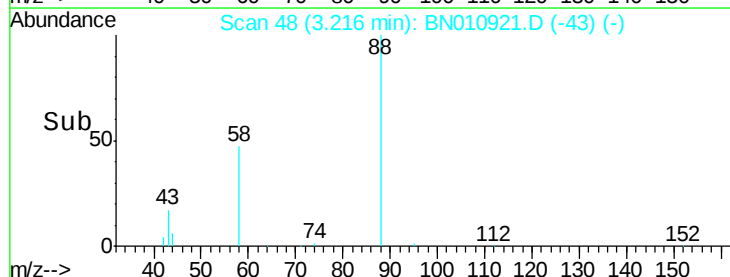
#2

1,4-Dioxane
Concen: 0.439 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010921.D
Acq: 17 Jun 2020 00:55

Tgt Ion: 88 Resp: 1072
Ion Ratio Lower Upper
88 100
58 50.4 38.2 57.4
43 18.6 15.1 22.7



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





#3

n-Nitrosodimethylamine

Concen: 0.393 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

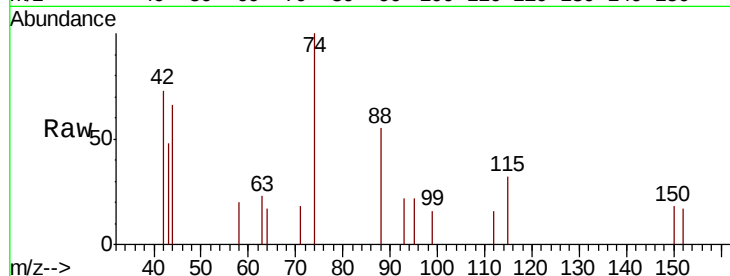
Tot Ion: 42 Resp: 558

Ion Ratio Lower Upper

42 100

74 163.8 140.7 211.1

44 3.9 1.4 2.2#

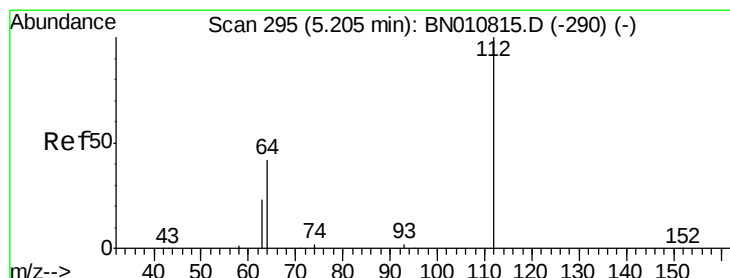
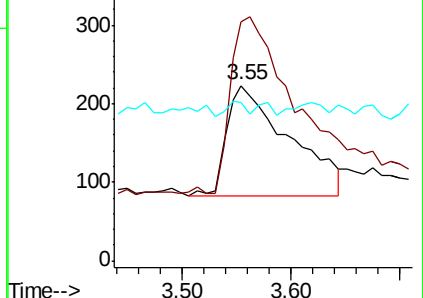
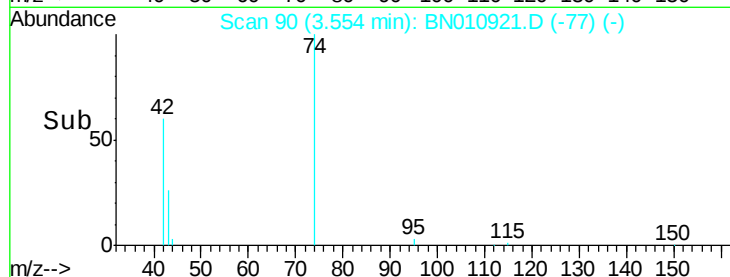


Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.443 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

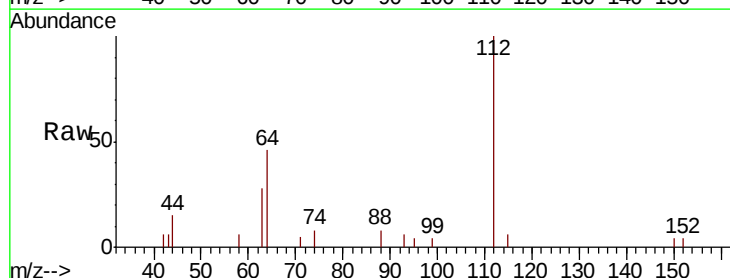
Tgt Ion: 112 Resp: 2129

Ion Ratio Lower Upper

112 100

64 46.0 37.4 56.0

63 23.9 22.2 33.4

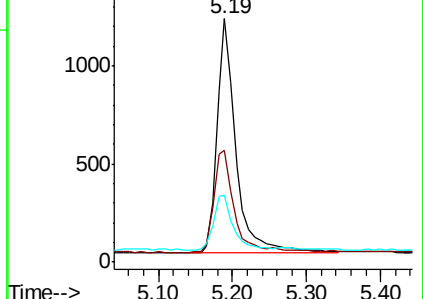
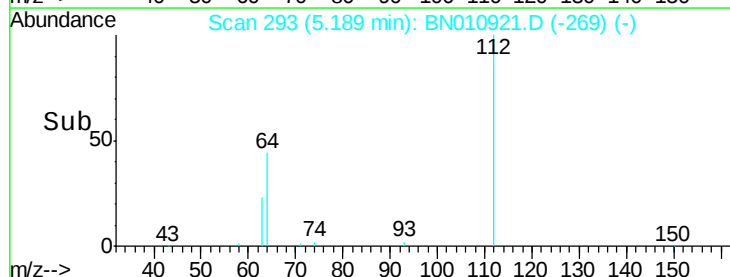


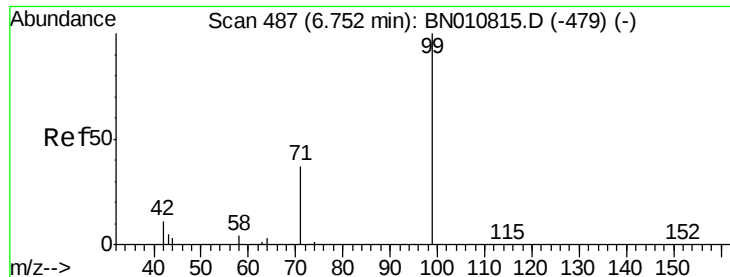
Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010815.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-290) (-)

Time-->





#5

Phenol-d6

Concen: 0.433 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

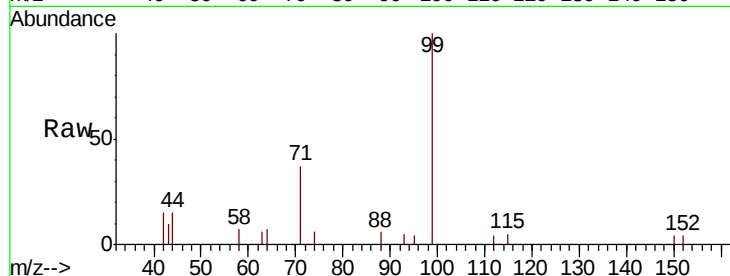
Tot Ion: 99 Resp: 2451

Ion Ratio Lower Upper

99 100

42 12.6 11.1 16.7

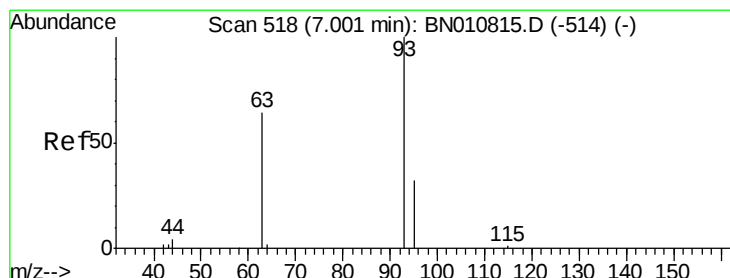
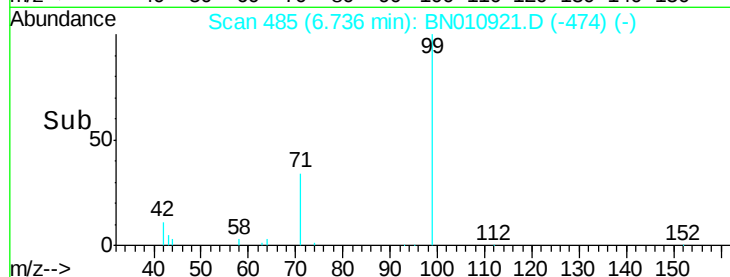
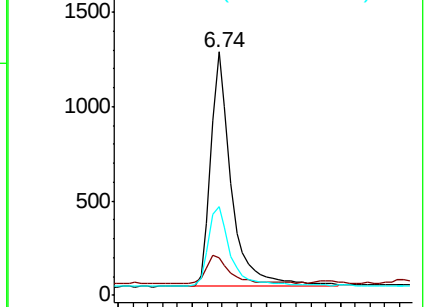
71 36.1 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010921.D (-474) (-)

Ion 42.00 (41.70 to 42.70): BN010921.D (-474) (-)

Ion 71.00 (70.70 to 71.70): BN010921.D (-474) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.406 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

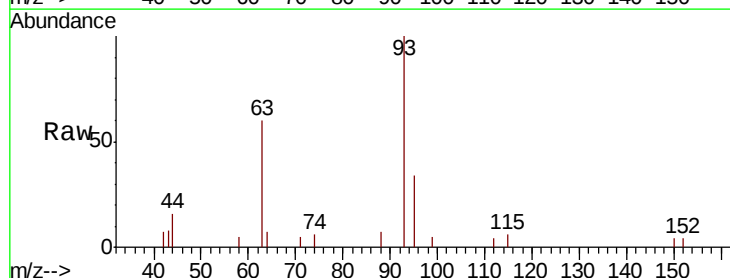
Tgt Ion: 93 Resp: 2242

Ion Ratio Lower Upper

93 100

63 58.8 49.4 74.2

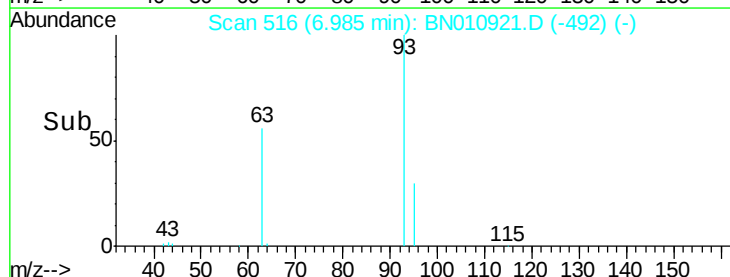
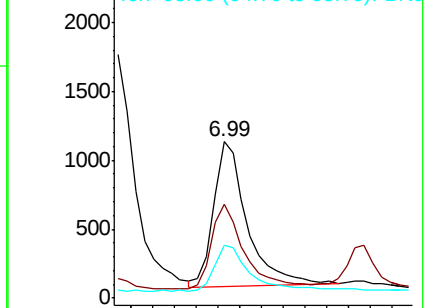
95 35.4 26.7 40.1

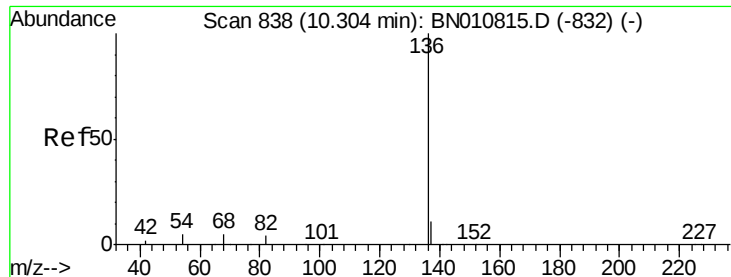


Abundance Ion 93.00 (92.70 to 93.70): BN010921.D (-492) (-)

Ion 63.00 (62.70 to 63.70): BN010921.D (-492) (-)

Ion 95.00 (94.70 to 95.70): BN010921.D (-492) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 8103

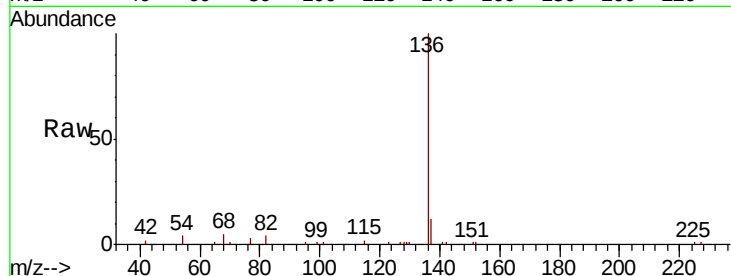
Ion Ratio Lower Upper

136 100

137 12.4 9.7 14.5

54 4.2 4.9 7.3#

68 4.8 4.7 7.1

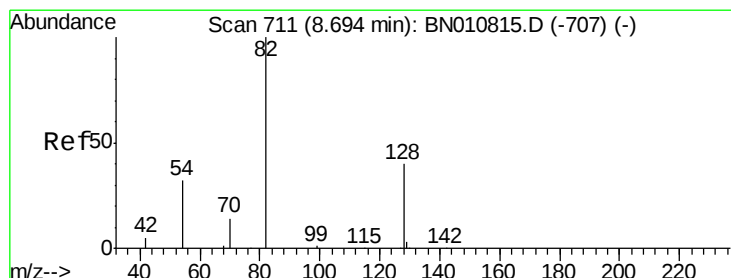
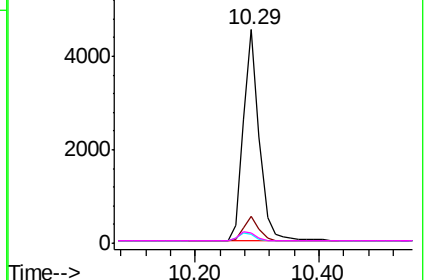
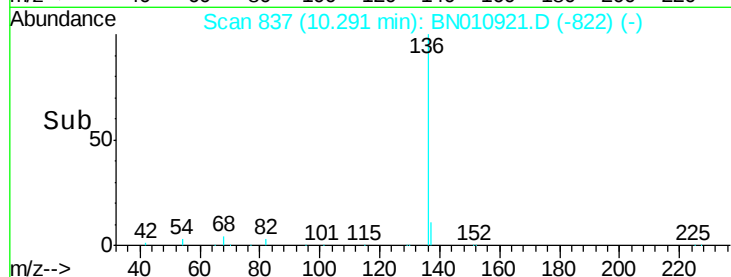


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.423 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

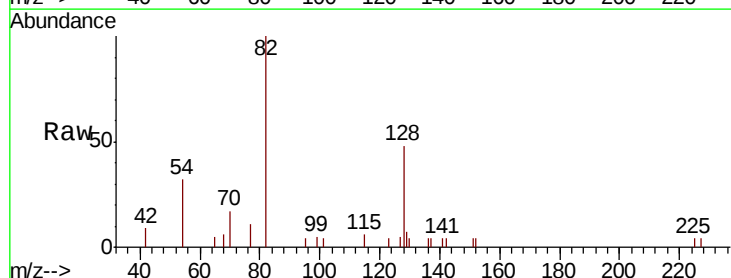
Tgt Ion: 82 Resp: 2539

Ion Ratio Lower Upper

82 100

128 47.5 35.4 53.0

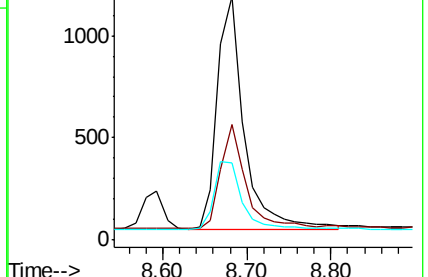
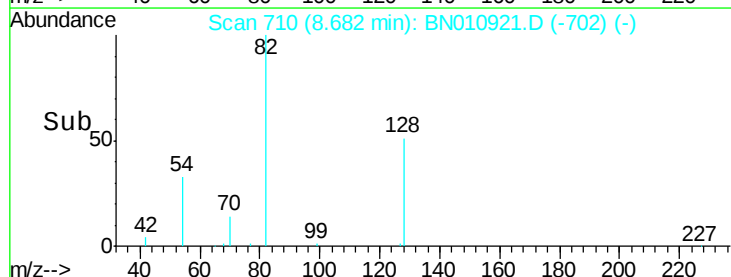
54 31.7 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.428 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010921.D

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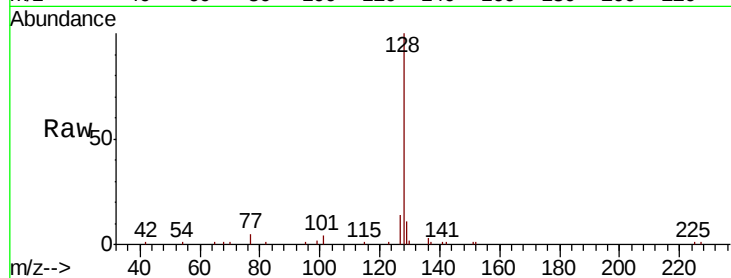
Tot Ion:128 Resp: 8714

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

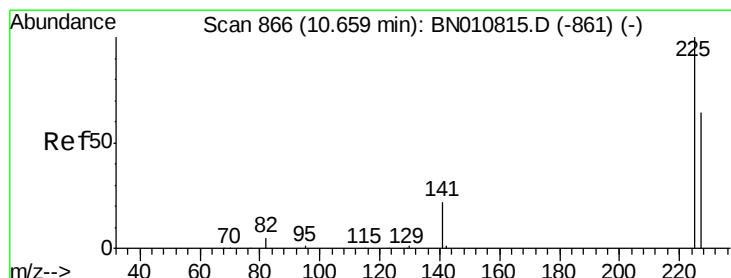
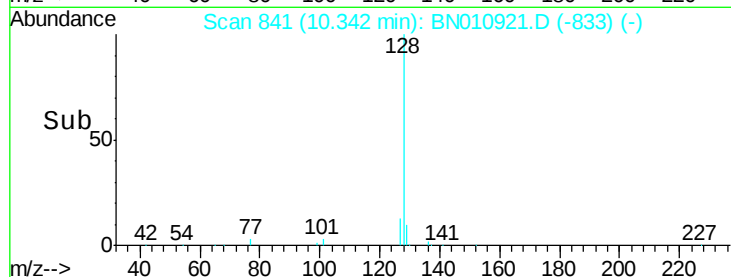
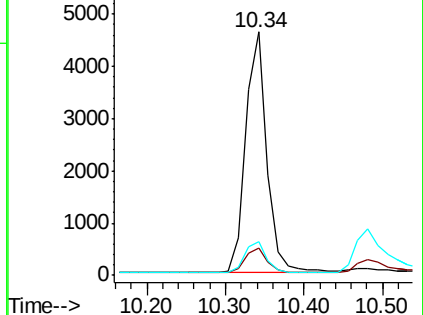
127 13.9 11.4 17.2



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: 0.406 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

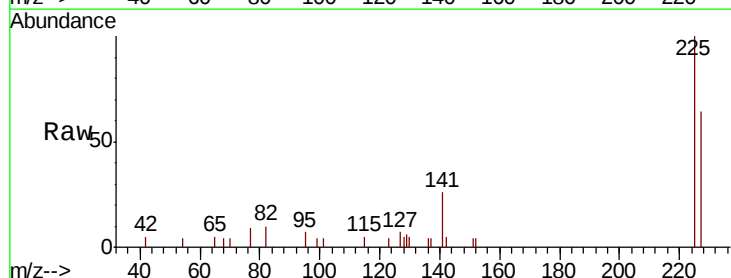
Tgt Ion:225 Resp: 2043

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

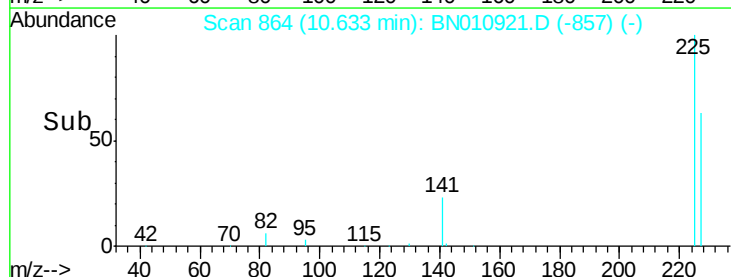
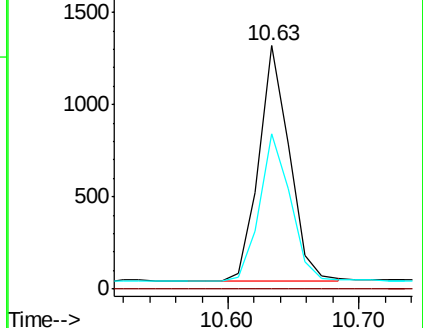
227 63.5 50.5 75.7

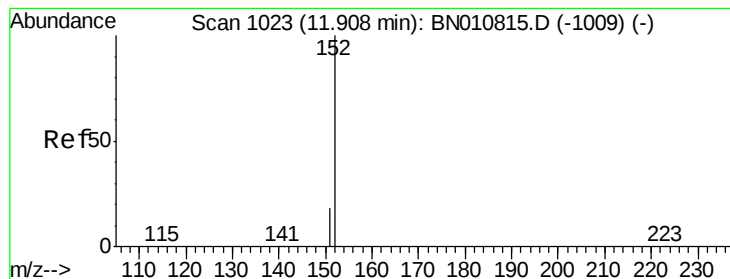


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 11.89 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BN010921.D

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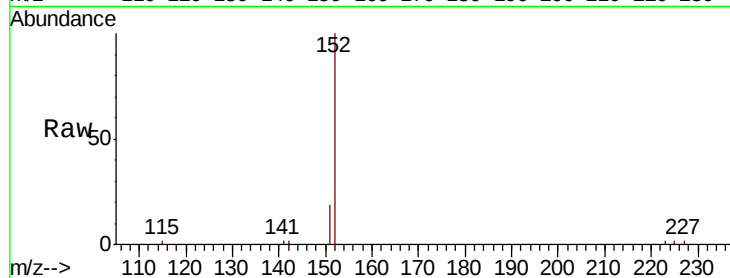
SSTDCCC0.4

Tot Ion:152 Resp: 5168

Ion Ratio Lower Upper

152 100

151 18.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.89

3000

2500

2000

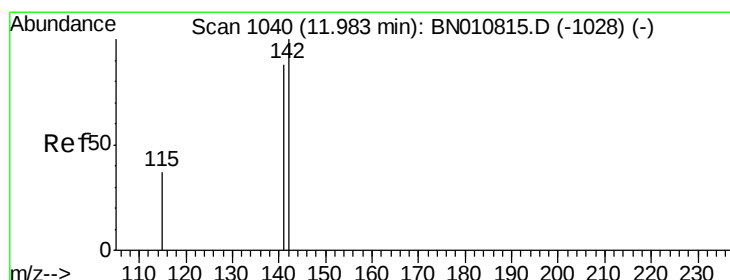
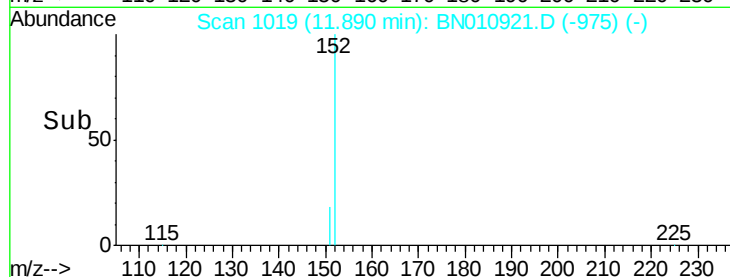
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 11.97 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

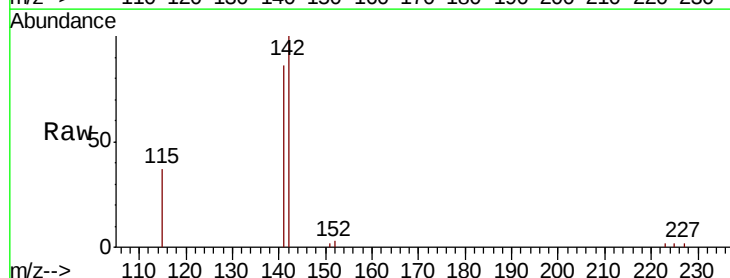
Tgt Ion:142 Resp: 5718

Ion Ratio Lower Upper

142 100

141 86.5 70.8 106.2

115 37.4 31.5 47.3



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

11.97

4000

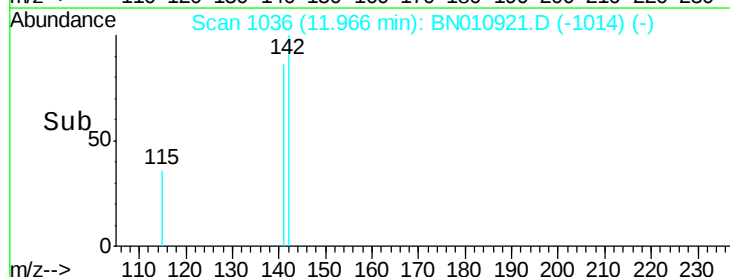
3000

2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

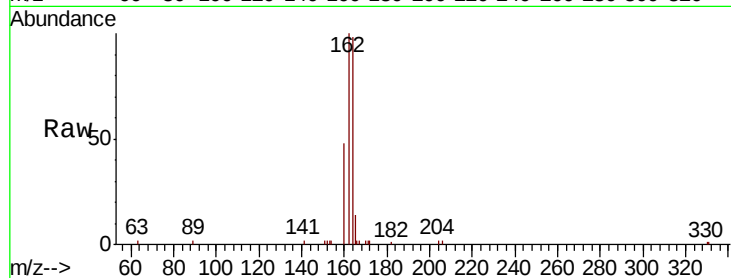
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:164 Resp: 4389

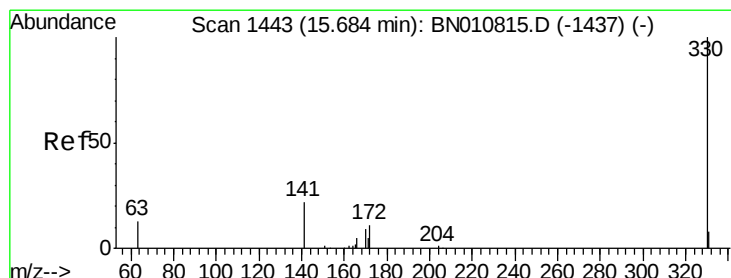
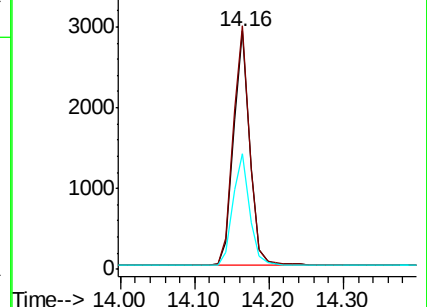
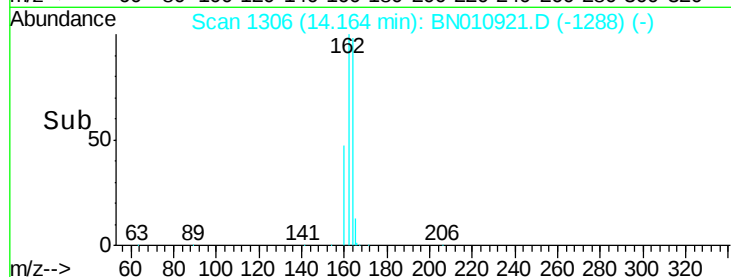
Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.0	121.6
160	48.7	38.9	58.3



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: 0.394 ng

RT: 15.67 min Scan# 1441

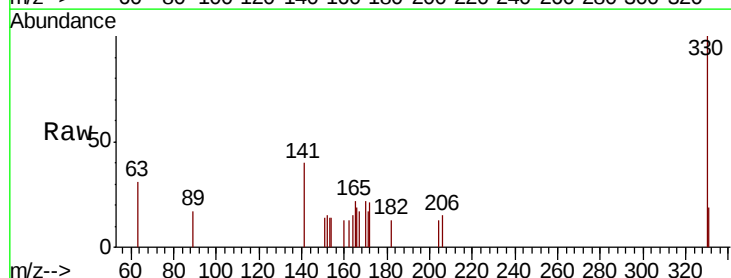
Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Tgt Ion:330 Resp: 618

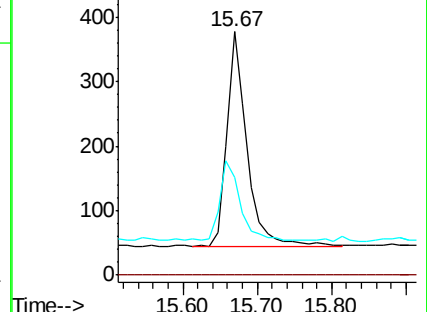
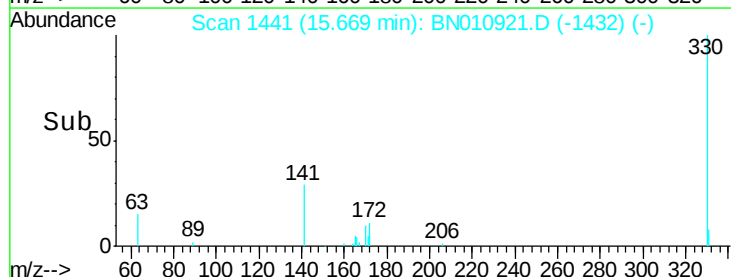
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.2	33.2	49.8



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

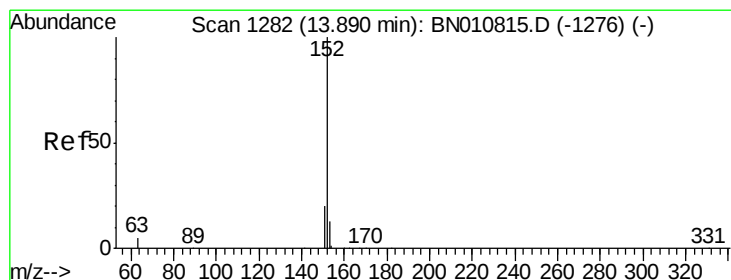
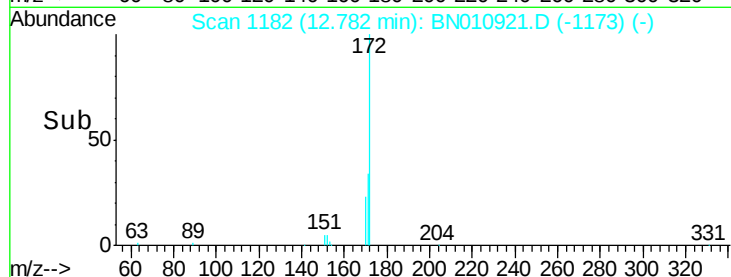
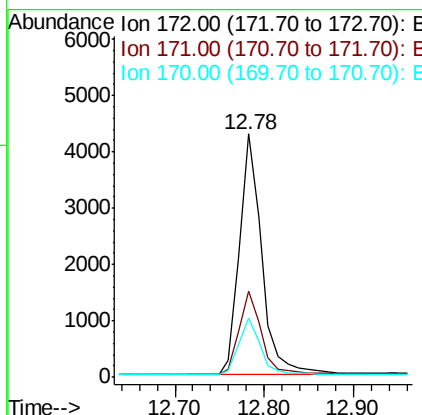
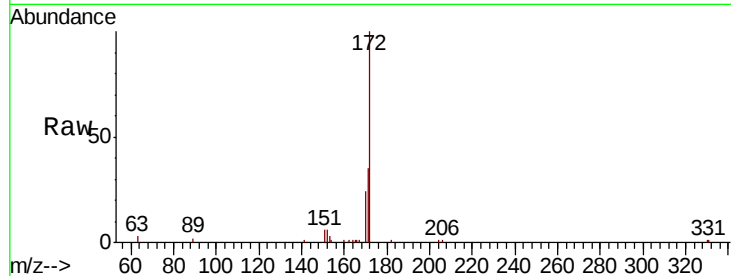




#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010921.D
Acq: 17 Jun 2020 00:55

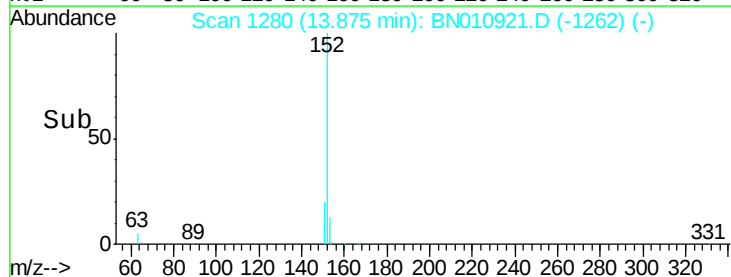
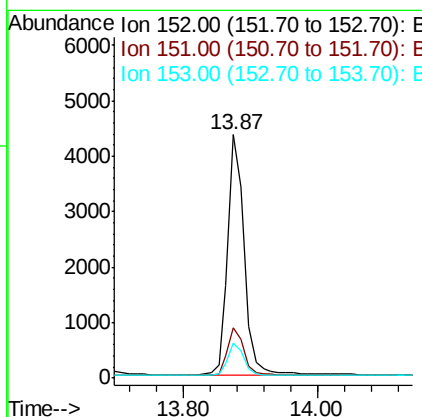
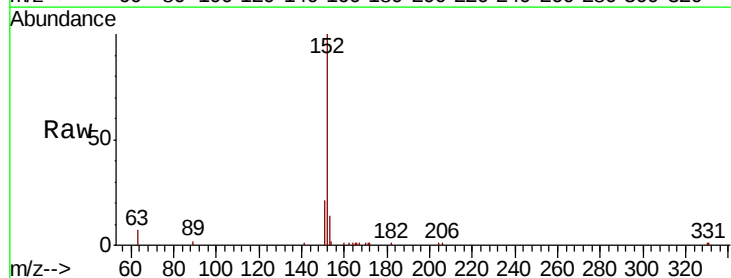
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 7452
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 24.3 19.7 29.5



#16
Acenaphthylene
Concen: 0.415 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN010921.D
Acq: 17 Jun 2020 00:55

Tgt Ion:152 Resp: 7456
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.422 ng

RT: 14.22 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

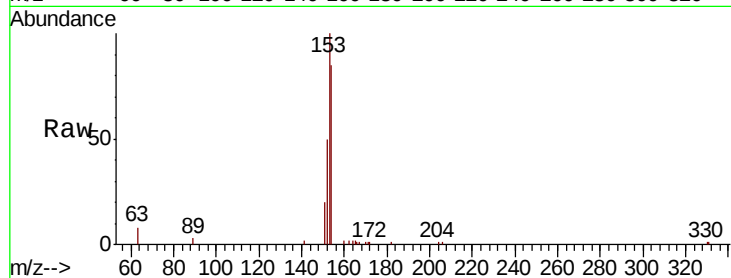
Tot Ion:154 Resp: 5177

Ion Ratio Lower Upper

154 100

153 114.9 91.8 137.6

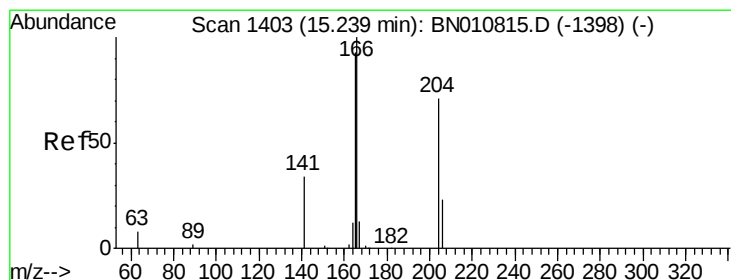
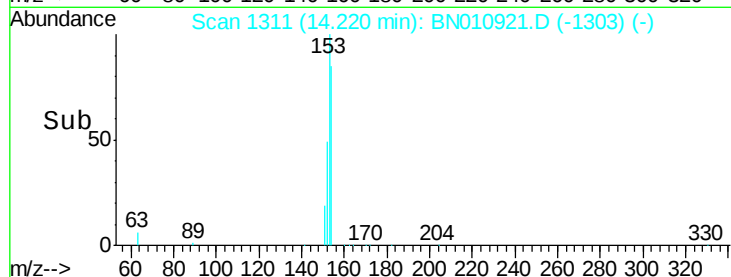
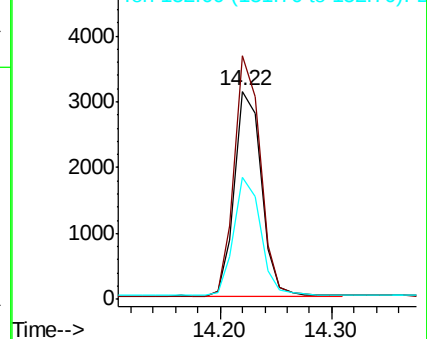
152 58.5 47.6 71.4



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: 0.412 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

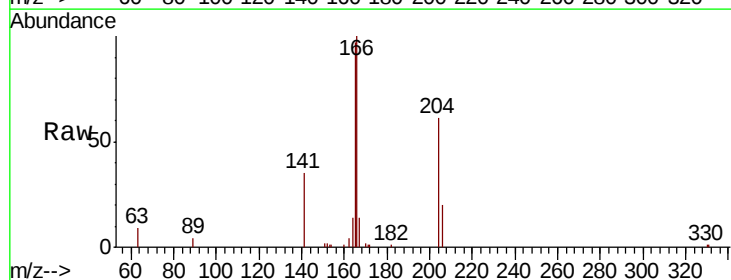
Tgt Ion:166 Resp: 6516

Ion Ratio Lower Upper

166 100

165 98.7 77.2 115.8

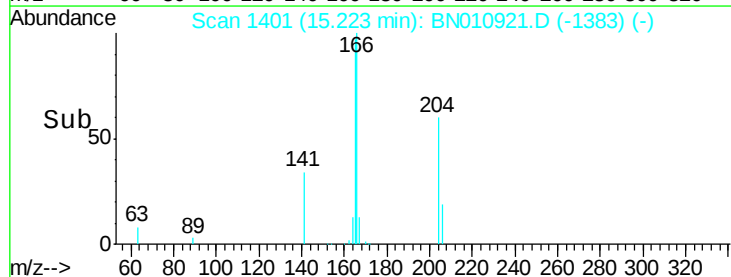
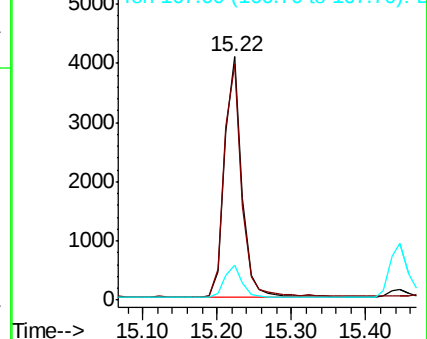
167 13.5 10.7 16.1

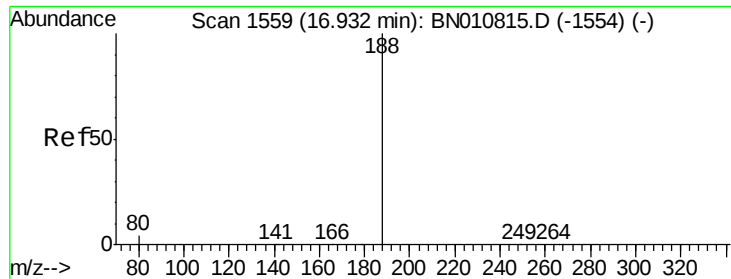


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.92 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

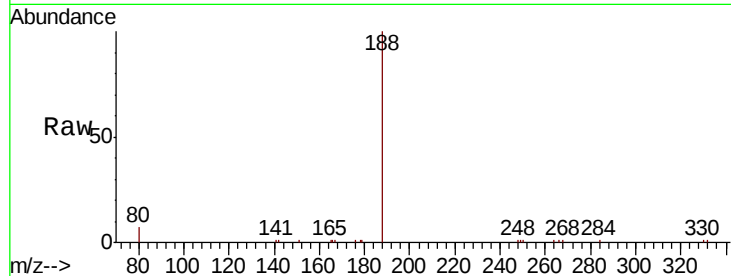
Tot Ion:188 Resp: 8829

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

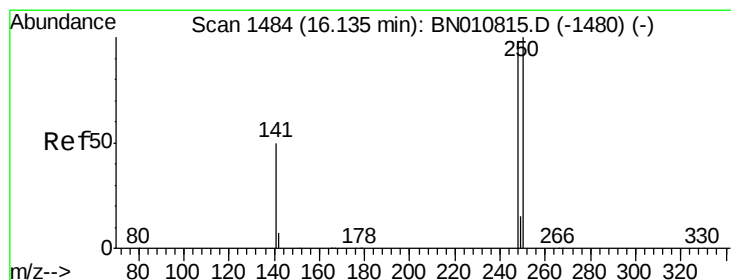
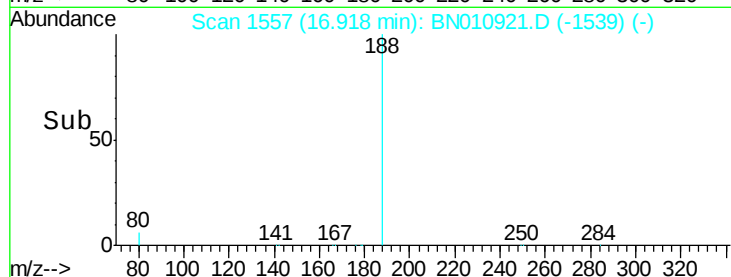
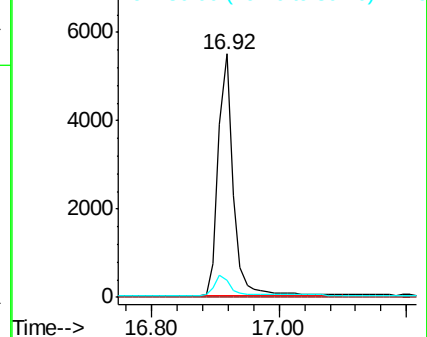
80 6.9 4.5 6.7#



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: 0.406 ng

RT: 16.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

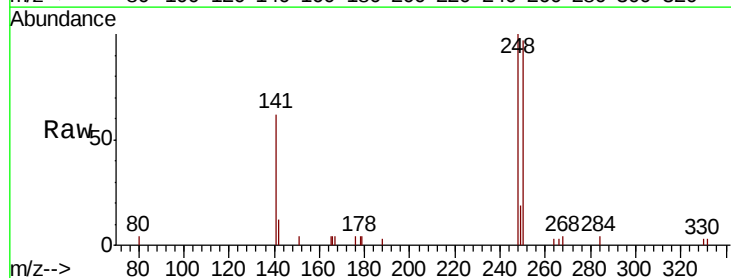
Tgt Ion:248 Resp: 2154

Ion Ratio Lower Upper

248 100

250 97.3 81.8 122.8

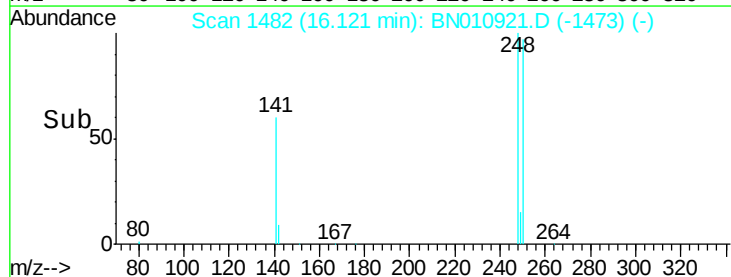
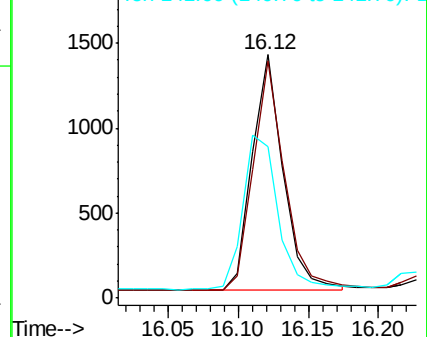
141 62.2 42.6 64.0

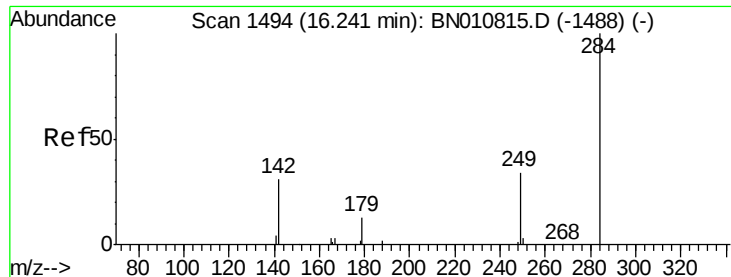


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 16.23 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

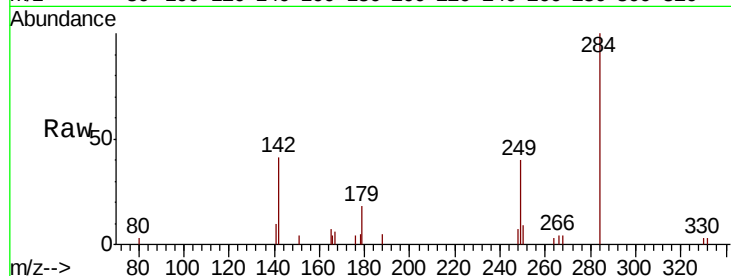
Tot Ion:284 Resp: 2340

Ion Ratio Lower Upper

284 100

142 37.3 31.0 46.4

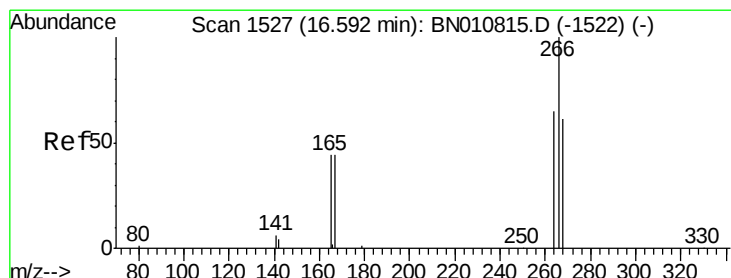
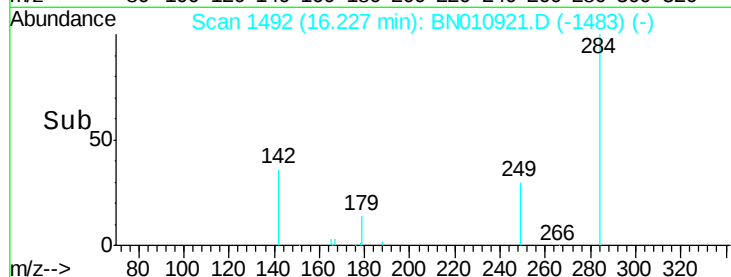
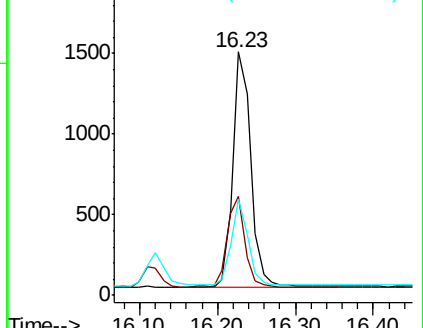
249 33.9 27.1 40.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.422 ng

RT: 16.58 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

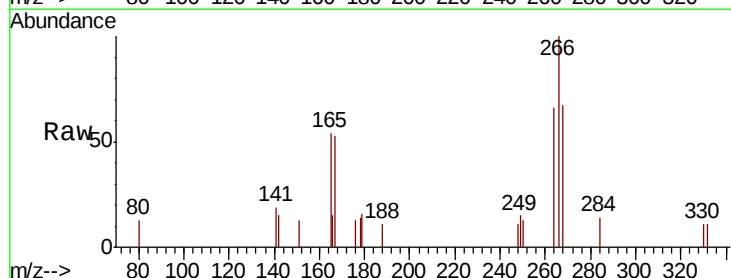
Tgt Ion:266 Resp: 784

Ion Ratio Lower Upper

266 100

264 66.2 54.8 82.2

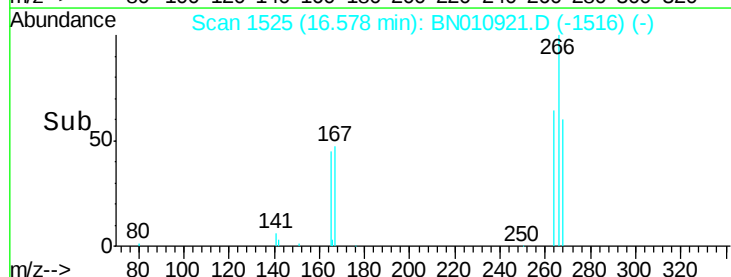
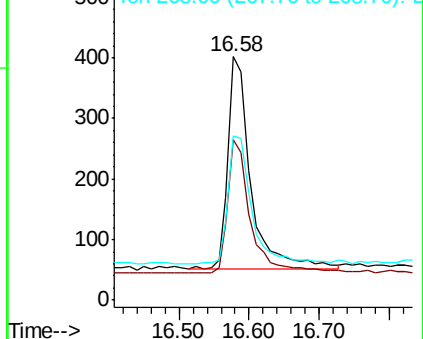
268 67.4 55.9 83.9



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: 0.423 ng

RT: 16.96 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

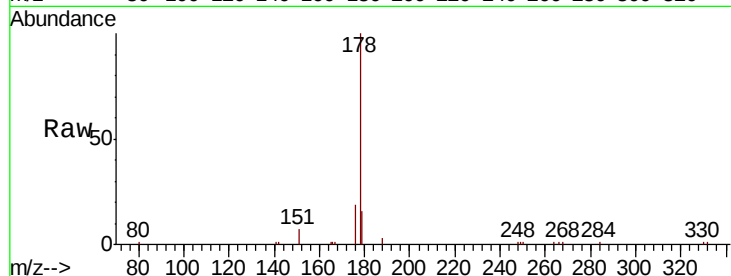
Tot Ion:178 Resp: 10211

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

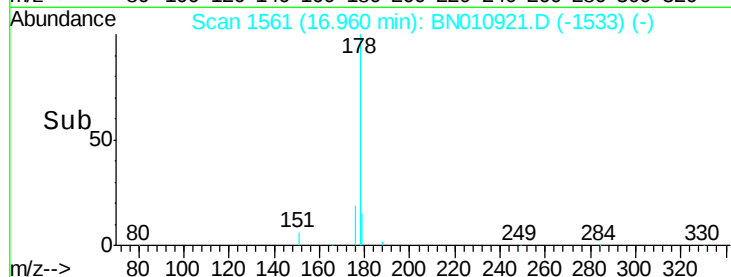
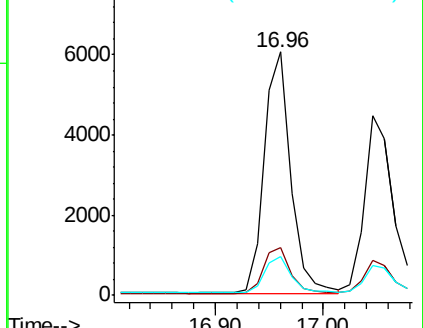
179 15.4 12.6 19.0



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: 0.417 ng

RT: 17.05 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

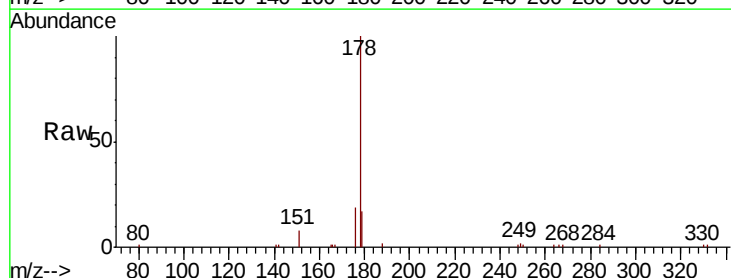
Tgt Ion:178 Resp: 8397

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

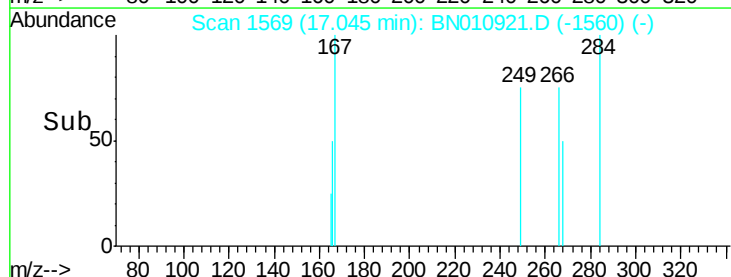
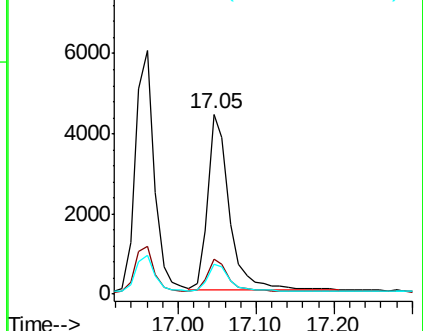
179 15.3 12.3 18.5

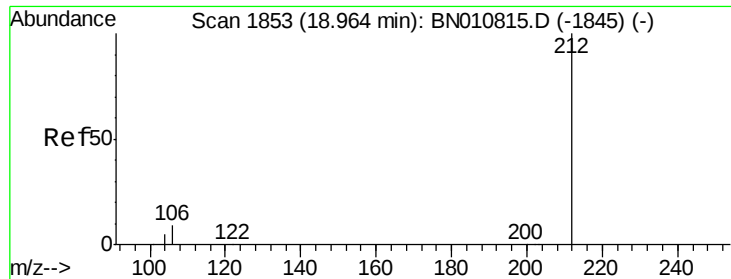


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 18.96 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

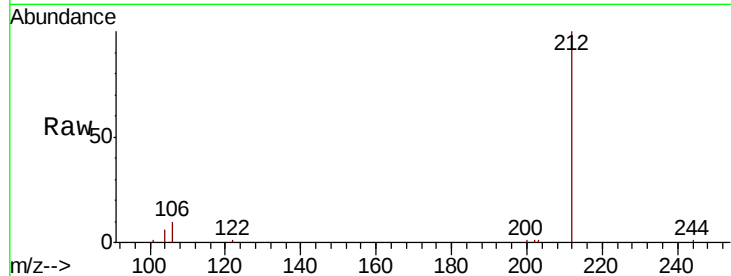
Tot Ion:212 Resp: 9978

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

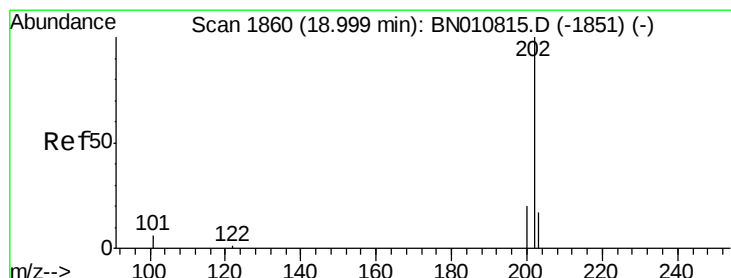
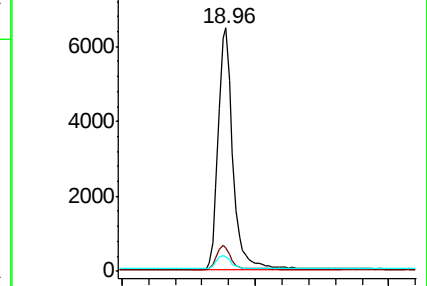
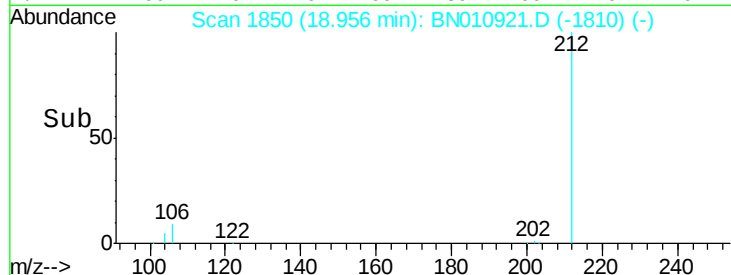
104 5.5 4.0 6.0



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: 0.416 ng

RT: 18.99 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

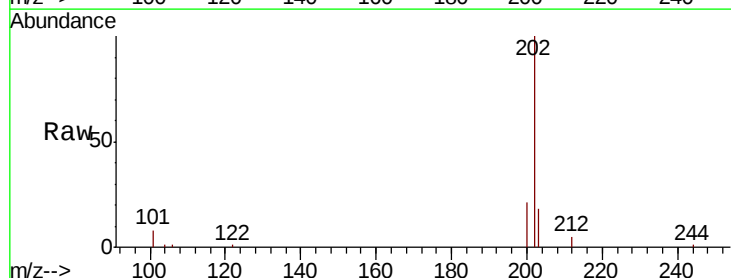
Tgt Ion:202 Resp: 11394

Ion Ratio Lower Upper

202 100

101 8.2 5.8 8.6

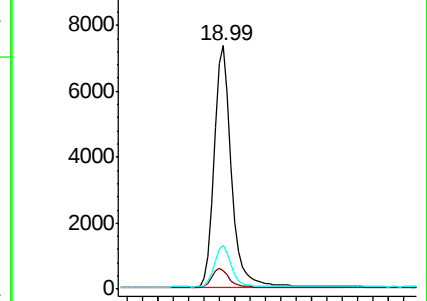
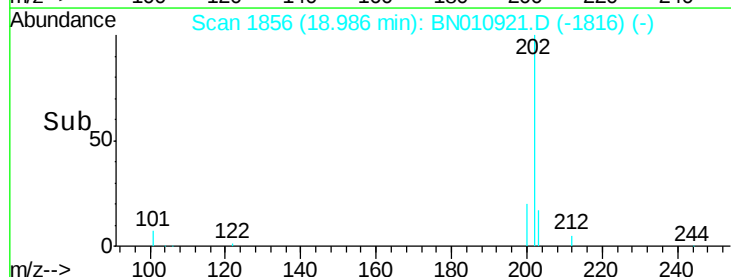
203 17.0 13.7 20.5



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

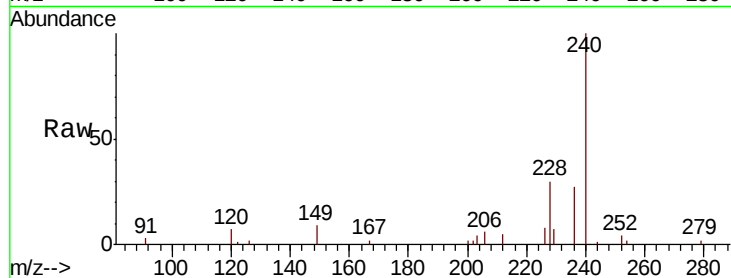




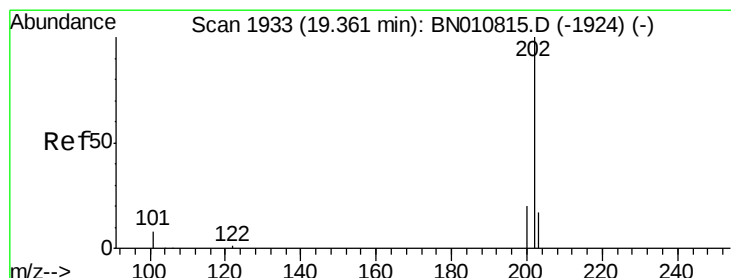
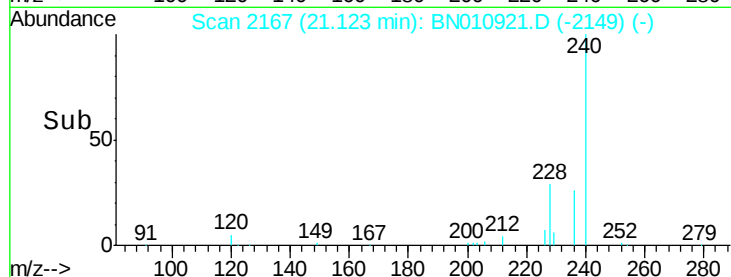
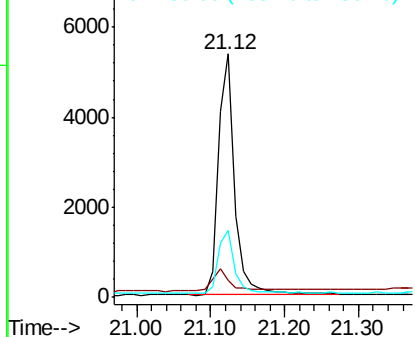
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010921.D
Acq: 17 Jun 2020 00:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 8345
Ion Ratio Lower Upper
240 100
120 7.2 7.5 11.3#
236 27.4 22.3 33.5

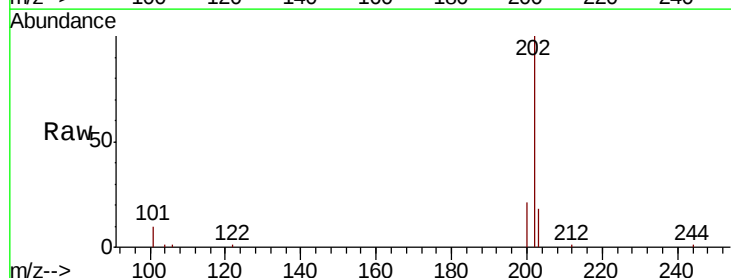


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

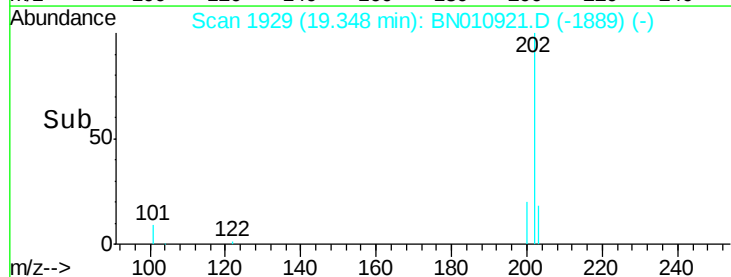
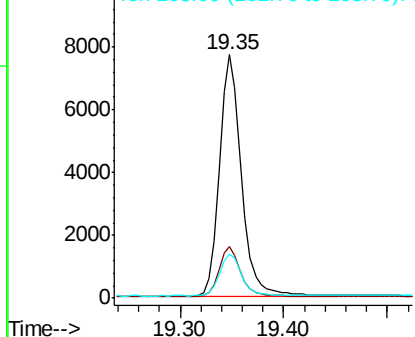


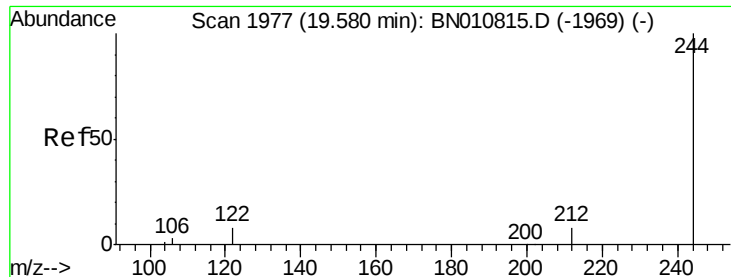
#28
Pyrene
Concen: 0.410 ng
RT: 19.35 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BN010921.D
Acq: 17 Jun 2020 00:55

Tgt Ion:202 Resp: 11327
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 17.6 14.2 21.4



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: 0.424 ng

RT: 19.57 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

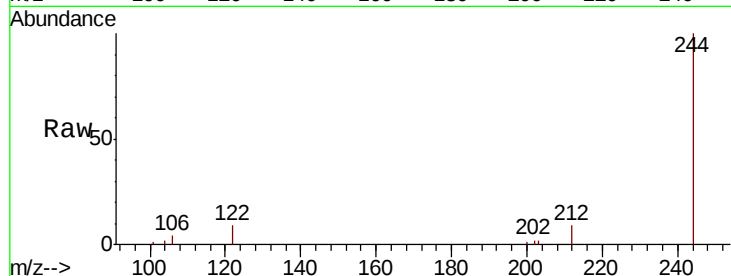
Tot Ion:244 Resp: 8276

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

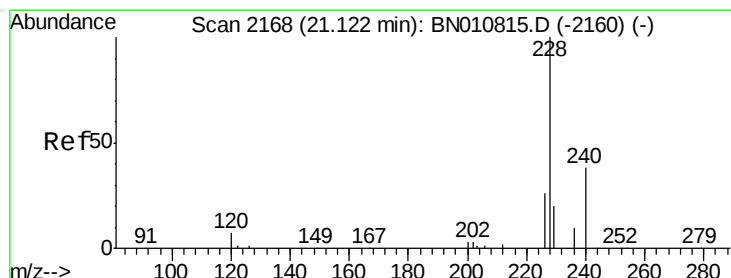
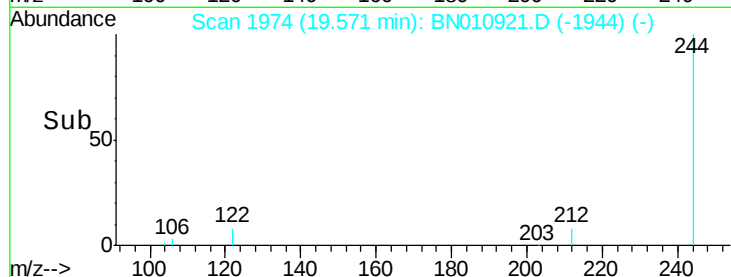
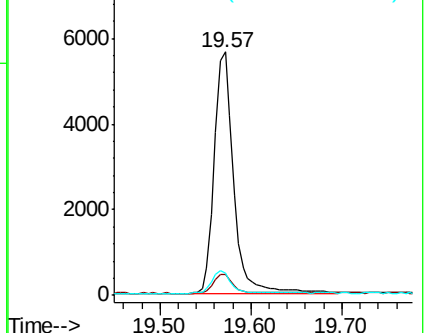
122 9.3 7.5 11.3



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: 0.413 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

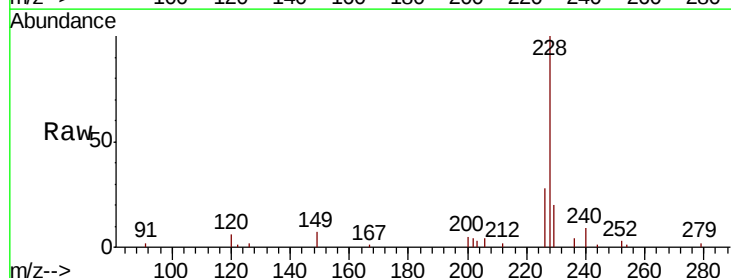
Tgt Ion:228 Resp: 10121

Ion Ratio Lower Upper

228 100

226 28.1 21.3 31.9

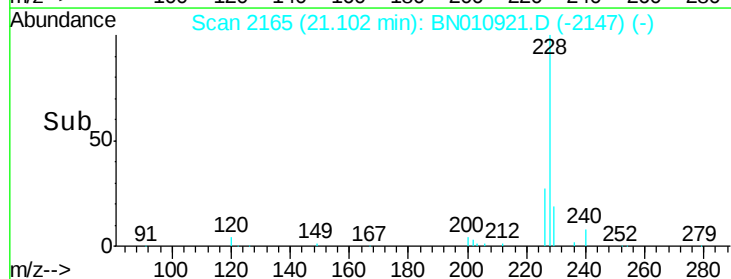
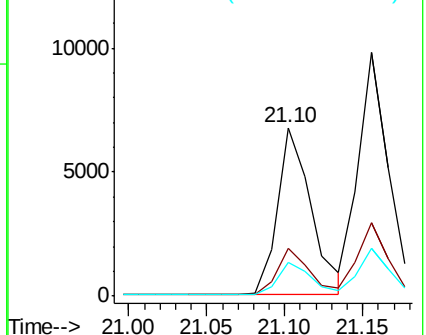
229 19.7 16.6 24.8

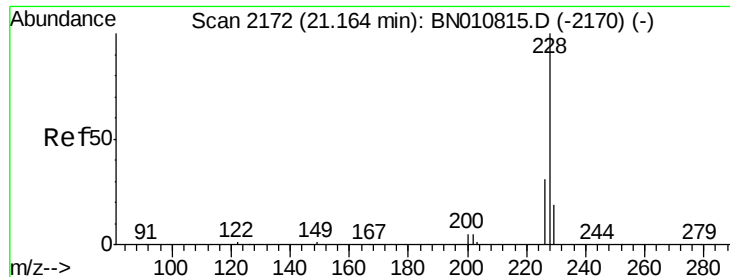


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.464 ng

RT: 21.16 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

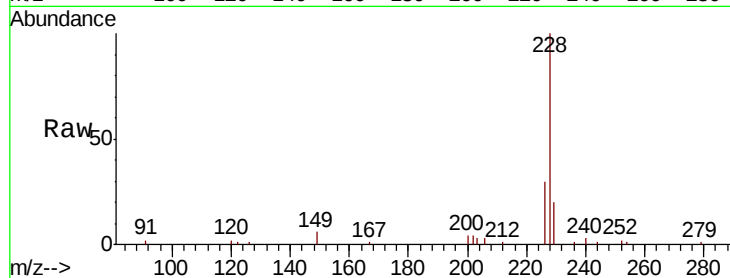
Tot Ion:228 Resp: 13271

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

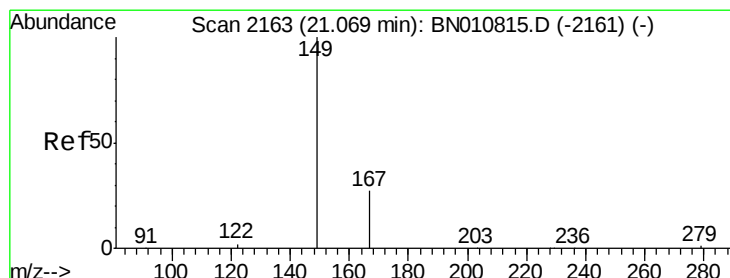
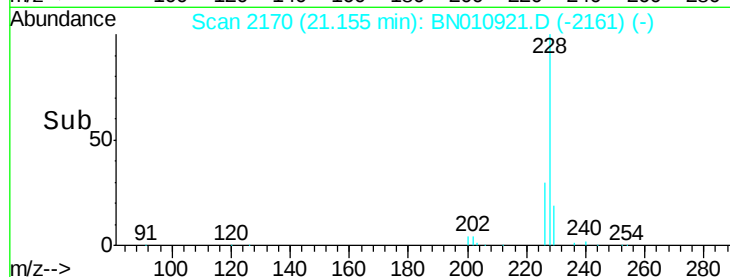
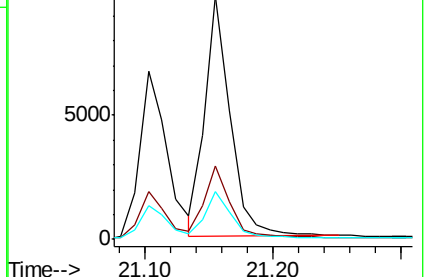
229 19.9 16.1 24.1



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: 0.428 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

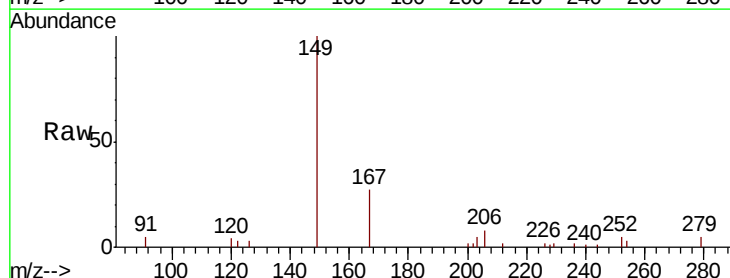
Tgt Ion:149 Resp: 3497

Ion Ratio Lower Upper

149 100

167 28.9 24.1 36.1

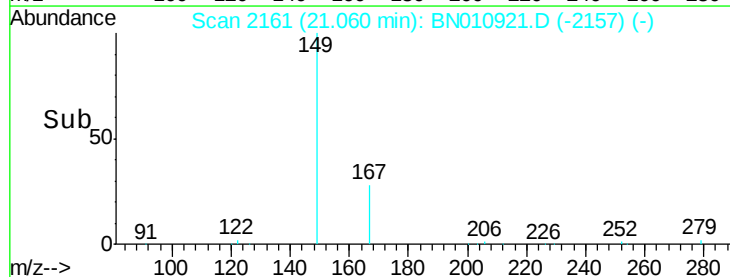
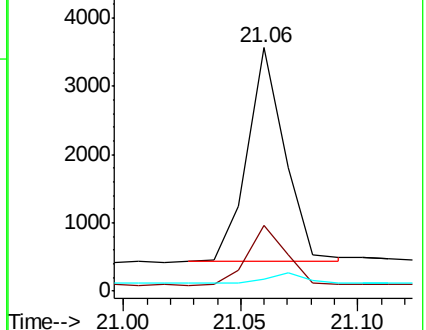
279 5.0 4.6 7.0

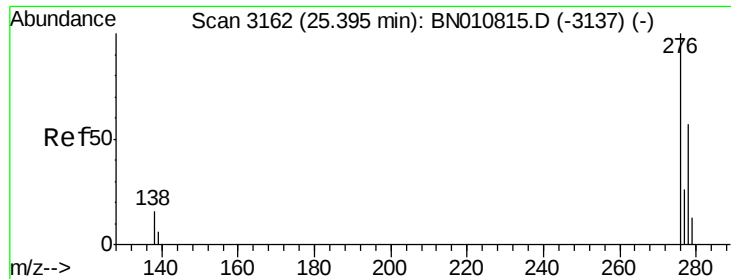


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.431 ng

RT: 25.37 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

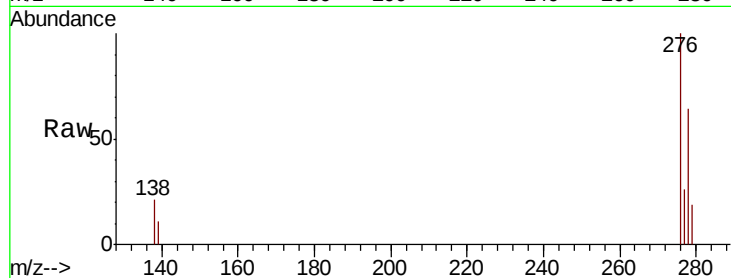
Tot Ion:276 Resp: 13768

Ion Ratio Lower Upper

276 100

138 20.2 13.0 19.6#

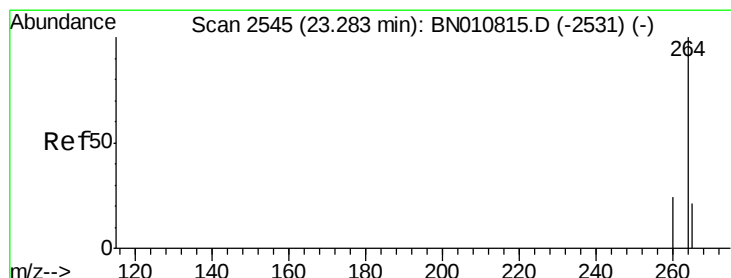
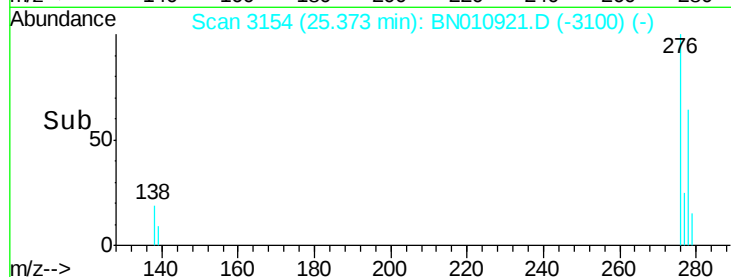
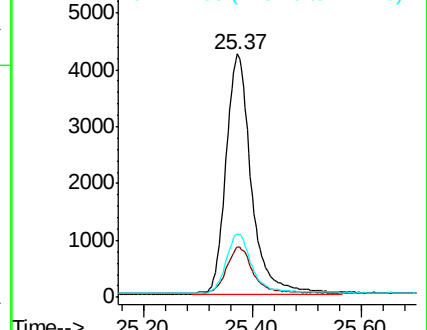
277 24.7 19.7 29.5



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: 23.26 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

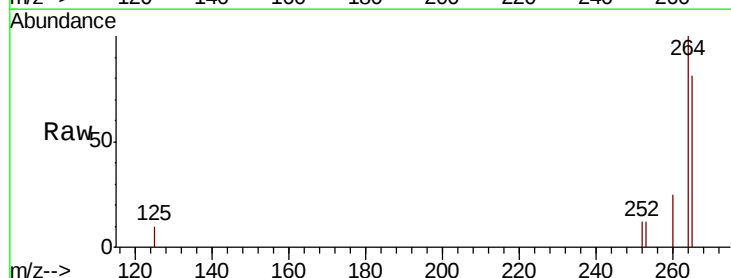
Tgt Ion:264 Resp: 8434

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

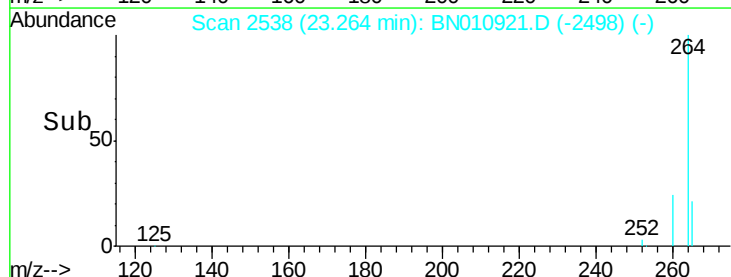
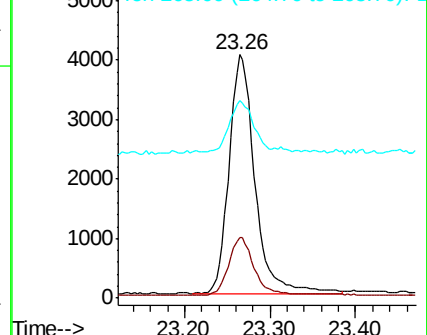
265 81.1 75.0 112.4



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: 0.420 ng

RT: 22.63 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

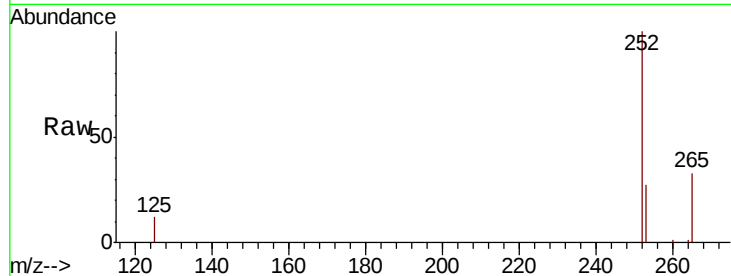
Tot Ion:252 Resp: 12041

Ion Ratio Lower Upper

252 100

253 26.9 22.4 33.6

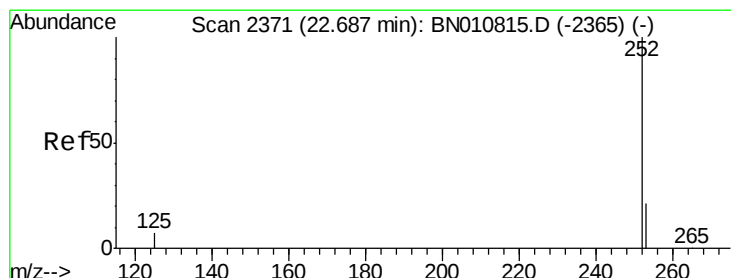
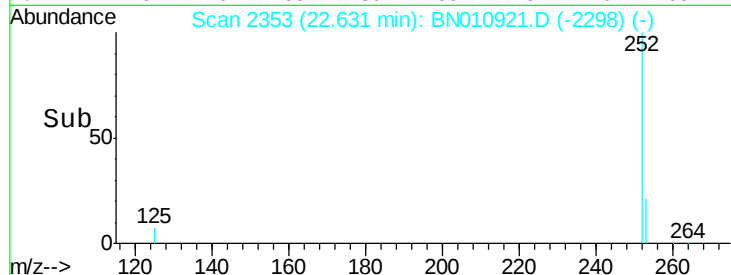
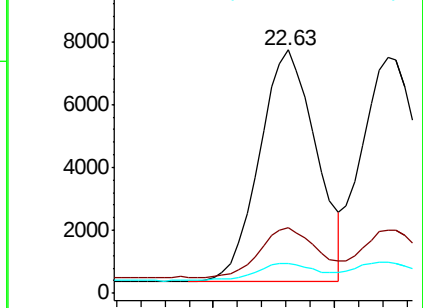
125 12.3 9.4 14.0



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: 0.416 ng

RT: 22.67 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

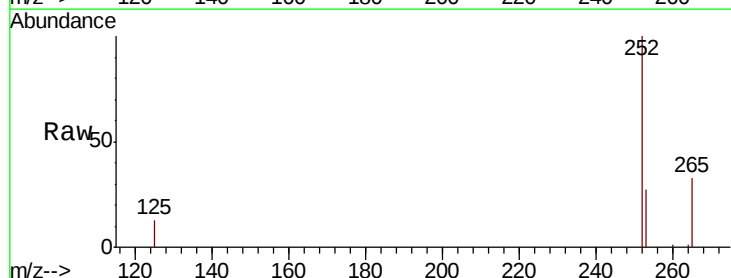
Tgt Ion:252 Resp: 12704

Ion Ratio Lower Upper

252 100

253 27.0 22.2 33.4

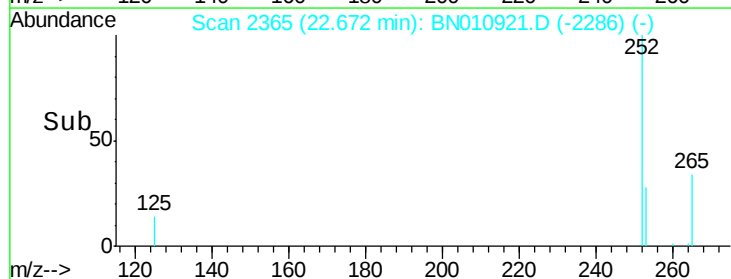
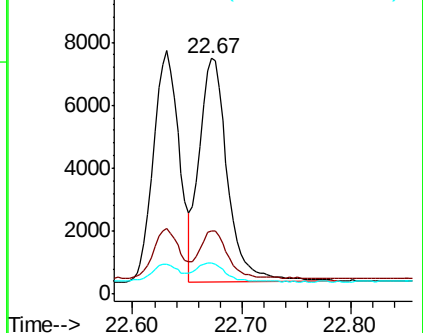
125 13.5 9.8 14.8



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

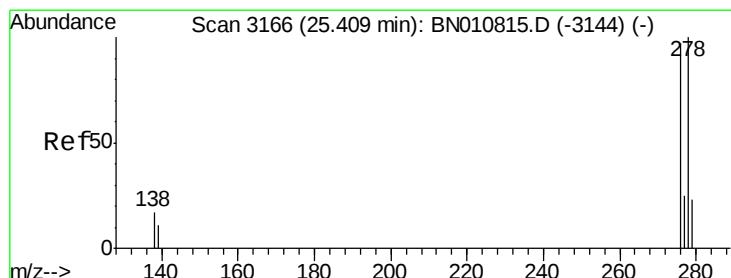
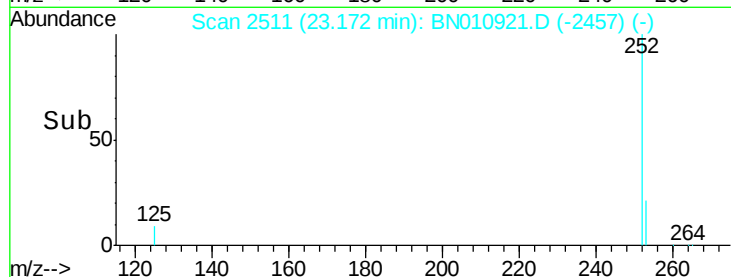
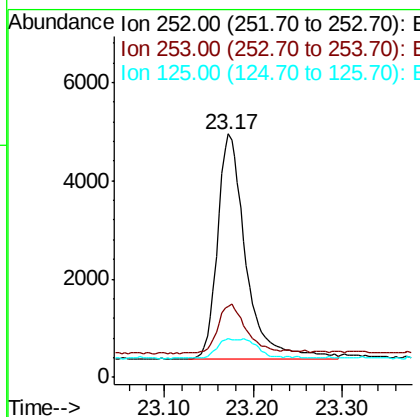
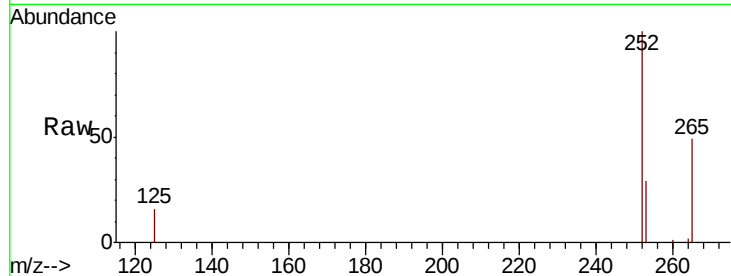




#37
Benzo(a)pyrene
Concen: 0.414 ng
RT: 23.17 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BN010921.D
Acq: 17 Jun 2020 00:55

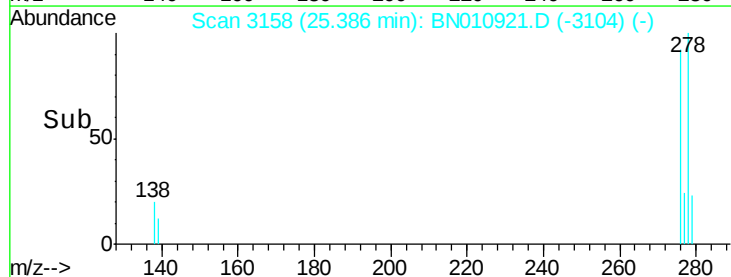
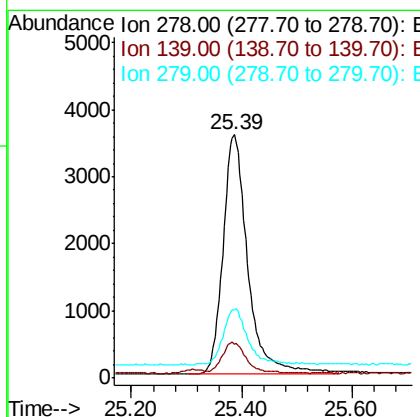
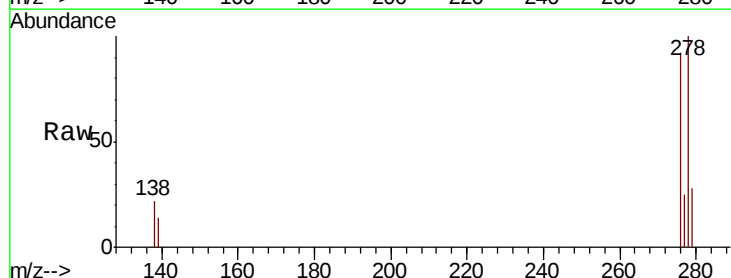
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 10188
Ion Ratio Lower Upper
252 100
253 29.1 25.8 38.8
125 16.0 12.4 18.6



#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 25.39 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BN010921.D
Acq: 17 Jun 2020 00:55

Tgt Ion:278 Resp: 11104
Ion Ratio Lower Upper
278 100
139 13.9 10.6 15.8
279 27.8 23.6 35.4





#39

Benzo(a,h,i)perylene

Concen: 0.397 ng

RT: 26.01 min Scan# 3339

Delta R.T. -0.02 min

Lab File: BN010921.D

Acq: 17 Jun 2020 00:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

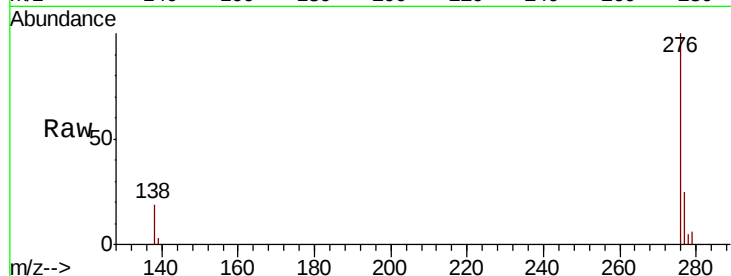
Tot Ion: 276 Resp: 11641

Ion Ratio Lower Upper

276 100

277 25.3 20.5 30.7

138 18.5 13.7 20.5



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

