

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009433.D
 Acq On : 23 Jan 2020 20:52
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 24 12:17:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1484	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	5659	0.40	ng	-0.01
13) Acenaphthene-d10	14.09	164	3779	0.40	ng	-0.02
19) Phenanthrene-d10	16.85	188	8017	0.40	ng	-0.02
27) Chrysene-d12	21.06	240	7328	0.40	ng	-0.01
34) Perylene-d12	23.18	264	7309	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1474	0.43	ng	0.00
5) Phenol-d6	6.67	99	1750	0.44	ng	0.00
8) Nitrobenzene-d5	8.62	82	1820	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	4330	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.61	330	604	0.42	ng	-0.02
15) 2-Fluorobiphenyl	12.72	172	5734	0.41	ng	0.00
25) Fluoranthene-d10	18.89	212	10239	0.37	ng	-0.01
29) Terphenyl-d14	19.51	244	6998	0.40	ng	-0.01

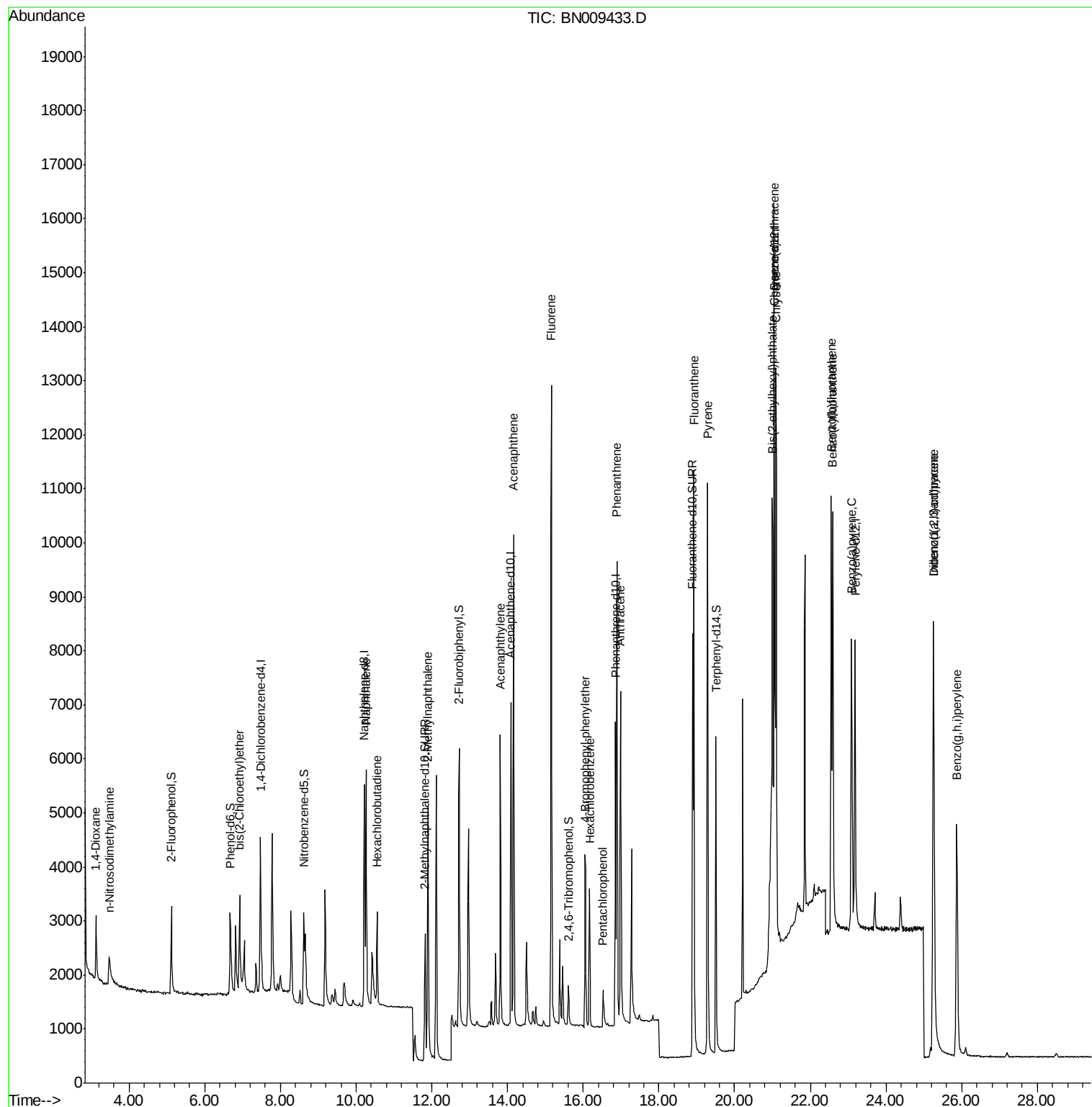
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	617	0.399	ng	96
3) n-Nitrosodimethylamine	3.47	42	798	0.334	ng	# 82
6) bis(2-Chloroethyl)ether	6.92	93	1603	0.394	ng	97
9) Naphthalene	10.27	128	6147	0.401	ng	99
10) Hexachlorobutadiene	10.56	225	1343	0.400	ng	# 98
12) 2-Methylnaphthalene	11.89	142	4343	0.407	ng	99
16) Acenaphthylene	13.81	152	6282	0.385	ng	100
17) Acenaphthene	14.16	154	4408	0.385	ng	99
18) Fluorene	15.16	166	5622	0.376	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	1896	0.393	ng	# 87
21) Hexachlorobenzene	16.17	284	2140	0.416	ng	94
22) Pentachlorophenol	16.53	266	573	0.463	ng	95
23) Phenanthrene	16.89	178	9351	0.388	ng	100
24) Anthracene	16.99	178	7893	0.390	ng	99
26) Fluoranthene	18.92	202	10699	0.379	ng	100
28) Pyrene	19.29	202	10832	0.390	ng	99
30) Benzo(a)anthracene	21.05	228	9916	0.412	ng	96
31) Chrysene	21.09	228	10604	0.385	ng	98
32) Bis(2-ethylhexyl)phthalate	20.99	149	5864	0.551	ng	96
33) Indeno(1,2,3-cd)pyrene	25.25	276	10565	0.369	ng	99
35) Benzo(b)fluoranthene	22.55	252	9913	0.369	ng	99
36) Benzo(k)fluoranthene	22.59	252	10796	0.364	ng	99
37) Benzo(a)pyrene	23.09	252	8960	0.379	ng	97
38) Dibenzo(a,h)anthracene	25.26	278	8529	0.358	ng	97
39) Benzo(g,h,i)perylene	25.87	276	9075	0.346	ng	99

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

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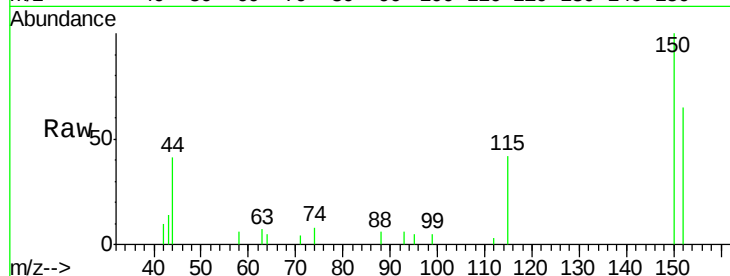


#1

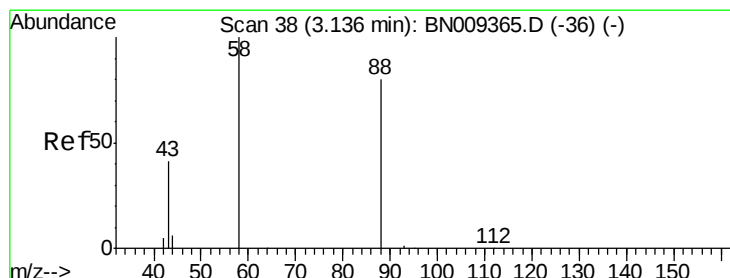
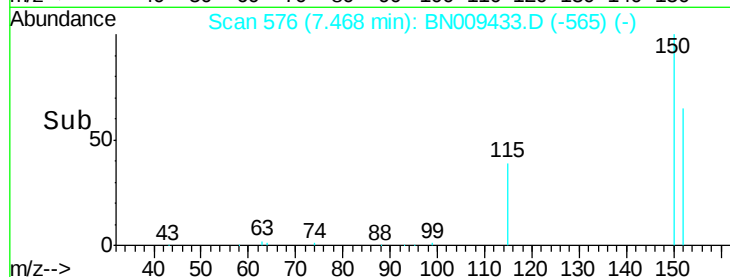
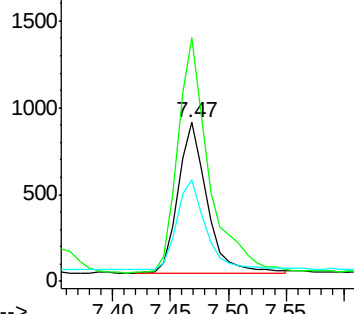
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009433.D
Acq: 23 Jan 2020 20:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1484
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 63.7 53.3 79.9



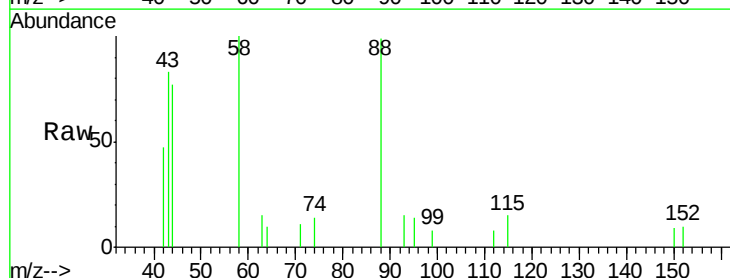
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



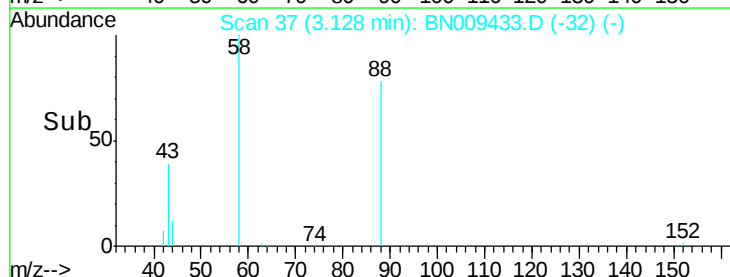
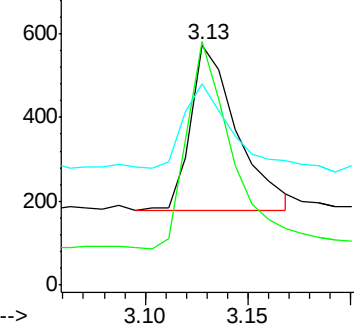
#2

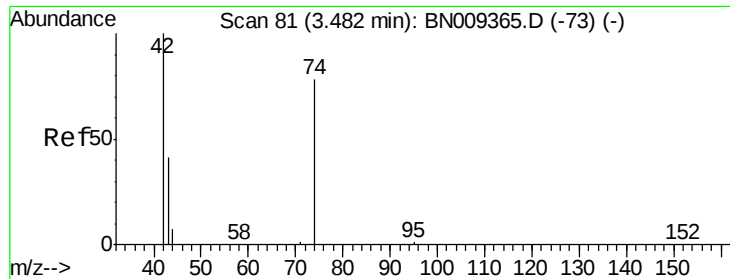
1,4-Dioxane
Concen: 0.399 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009433.D
Acq: 23 Jan 2020 20:52

Tgt Ion: 88 Resp: 617
Ion Ratio Lower Upper
88 100
58 121.6 100.2 150.2
43 49.1 43.1 64.7



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: 0.334 ng

RT: 3.47 min Scan# 79

Delta R.T. -0.02 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

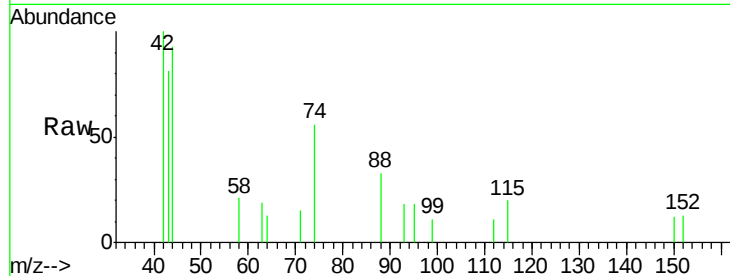
Tot Ion: 42 Resp: 798

Ion Ratio Lower Upper

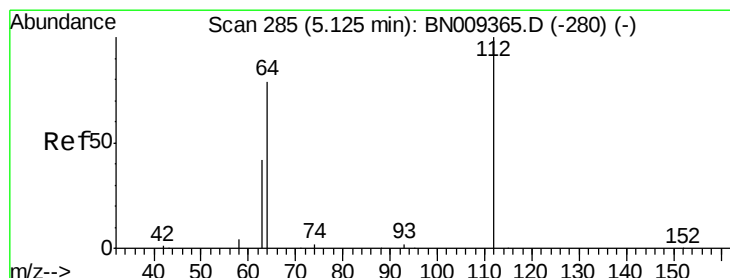
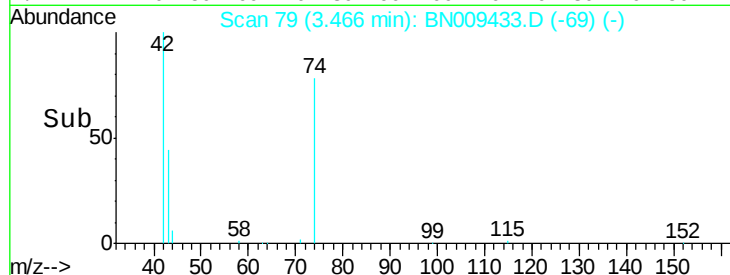
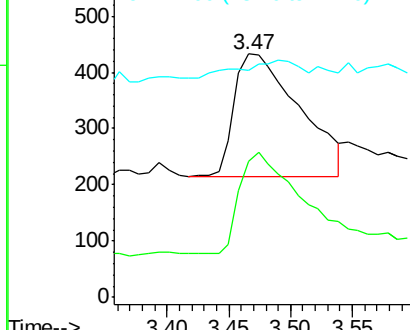
42 100

74 81.5 55.8 83.8

44 0.0 11.1 16.7#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.432 ng

RT: 5.12 min Scan# 284

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

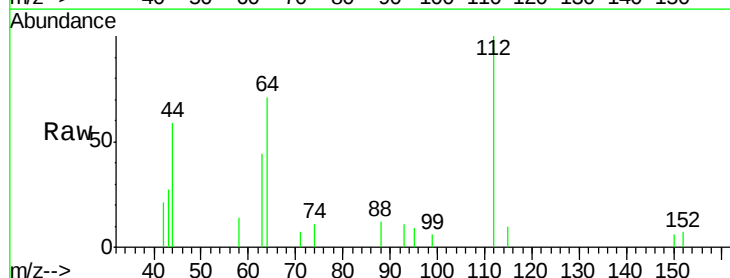
Tgt Ion: 112 Resp: 1474

Ion Ratio Lower Upper

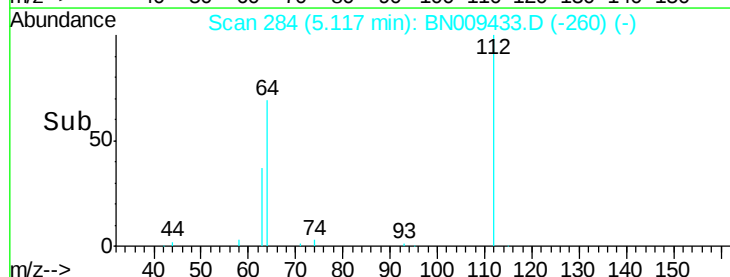
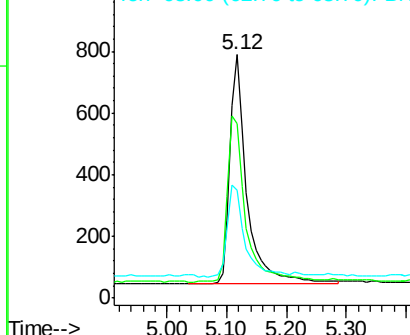
112 100

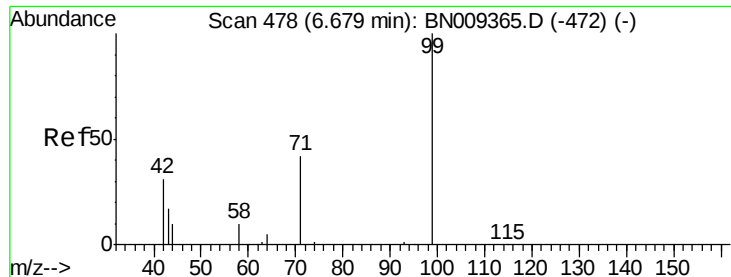
64 76.7 61.5 92.3

63 40.4 35.0 52.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.443 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

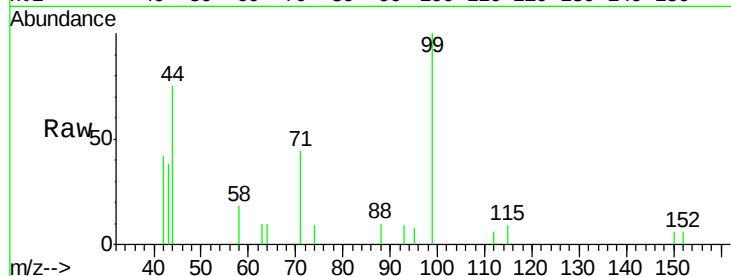
Tot Ion: 99 Resp: 1750

Ion Ratio Lower Upper

99 100

42 30.8 27.6 41.4

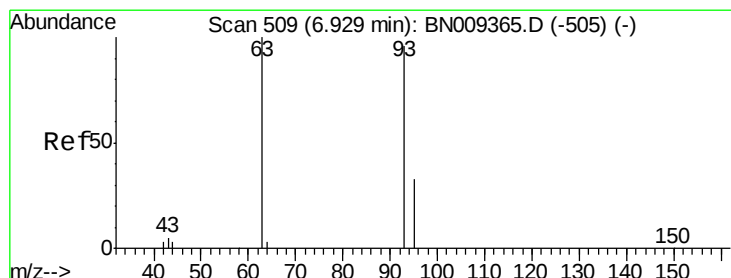
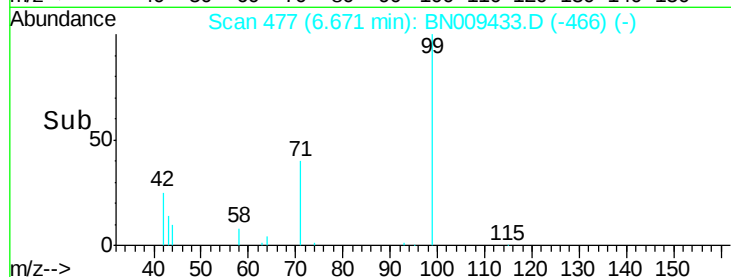
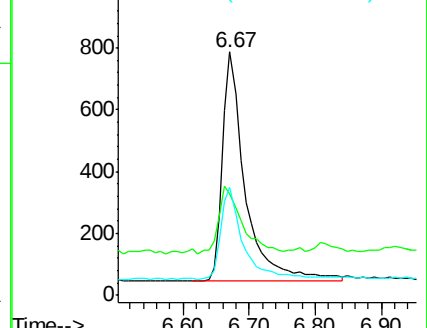
71 39.0 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.394 ng

RT: 6.92 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

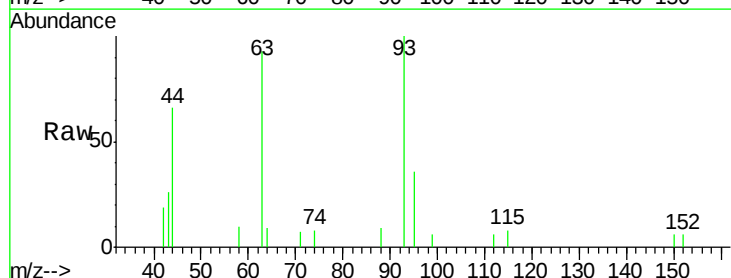
Tgt Ion: 93 Resp: 1603

Ion Ratio Lower Upper

93 100

63 103.8 85.1 127.7

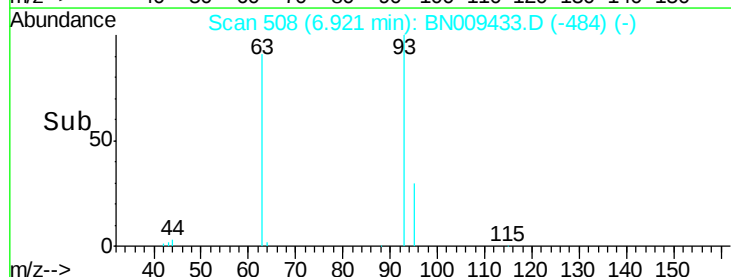
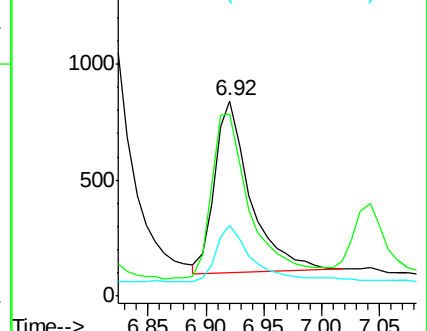
95 34.9 30.2 45.4

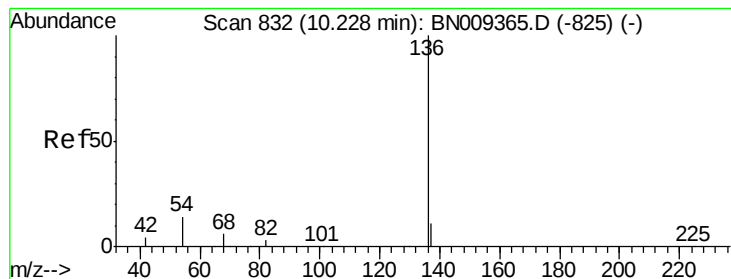


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5659

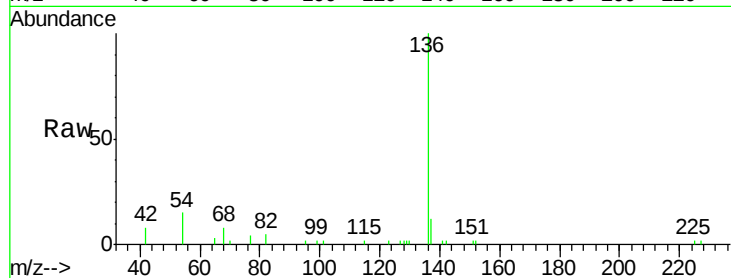
Ion Ratio Lower Upper

136 100

137 12.2 10.3 15.5

54 15.4 12.6 19.0

68 8.2 6.5 9.7

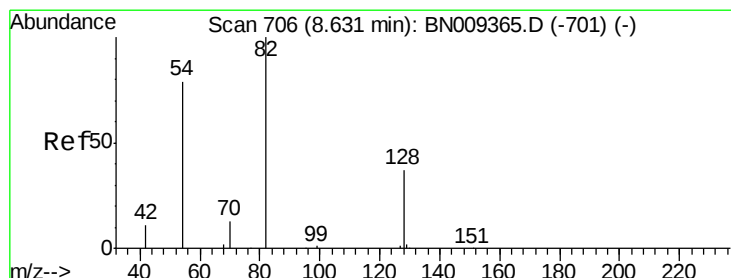
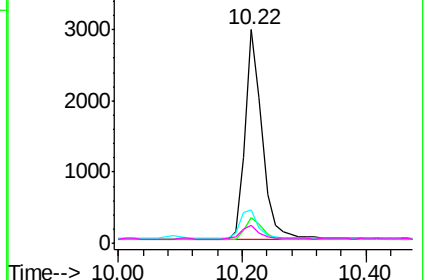
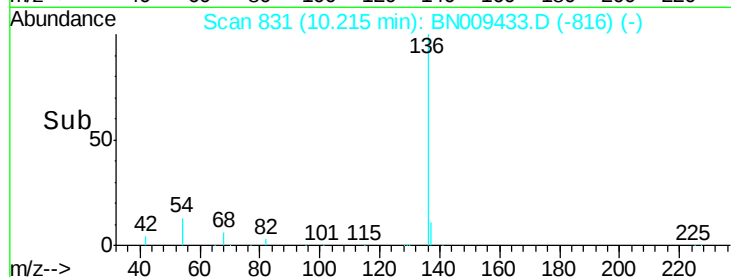


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.403 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

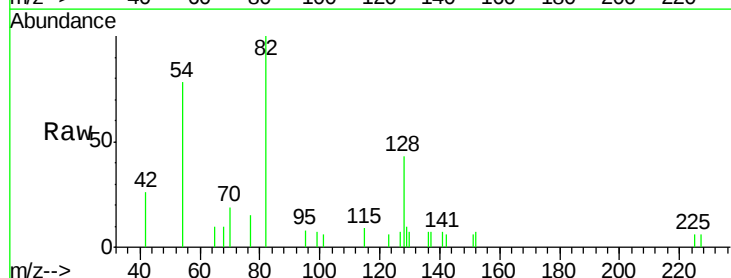
Tgt Ion: 82 Resp: 1820

Ion Ratio Lower Upper

82 100

128 43.2 34.8 52.2

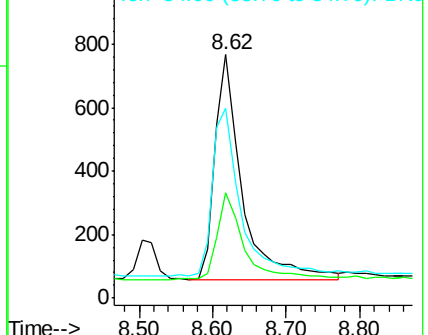
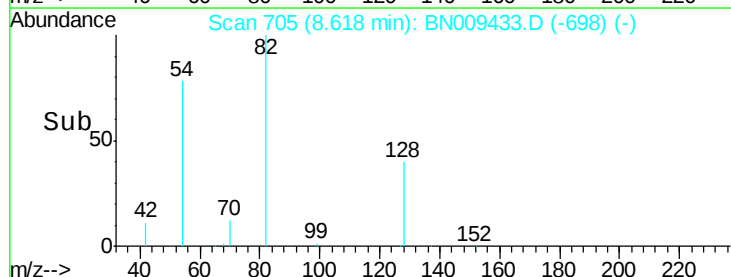
54 78.1 65.8 98.6

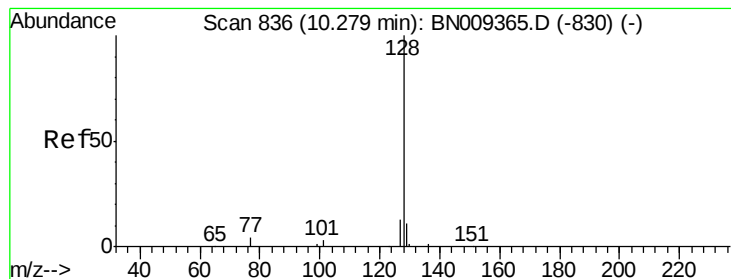


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

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SSTDCCC0.4EC

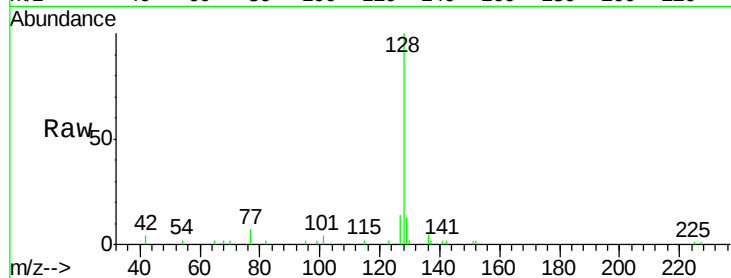
Tot Ion:128 Resp: 6147

Ion Ratio Lower Upper

128 100

129 12.6 10.4 15.6

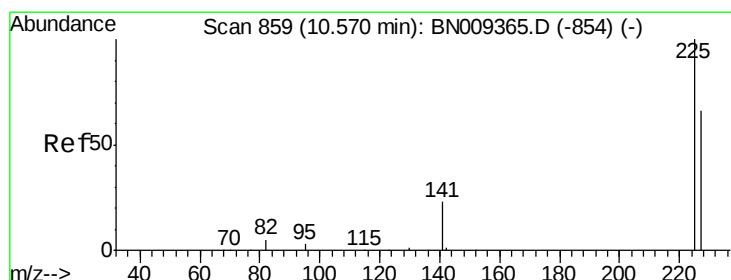
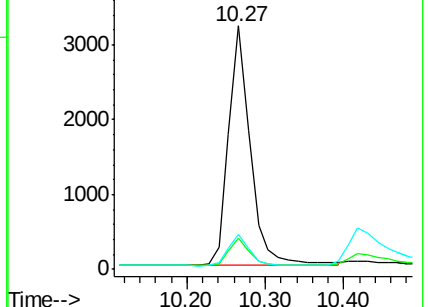
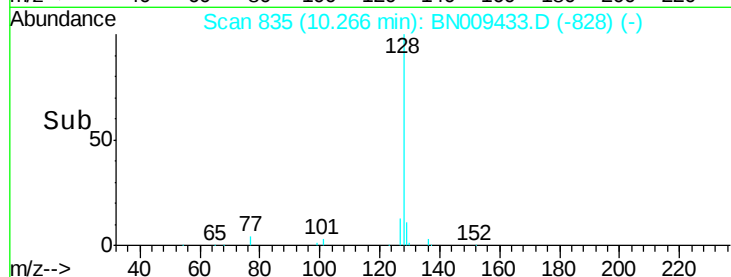
127 14.4 11.4 17.2



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: 0.400 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

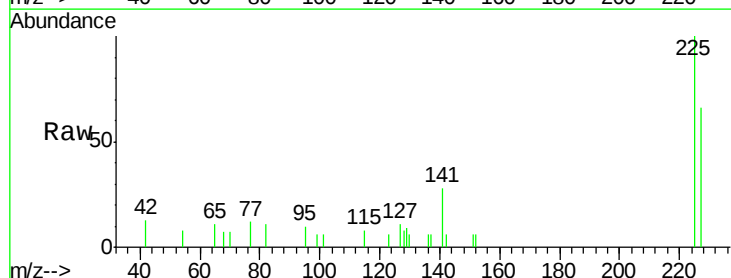
Tgt Ion:225 Resp: 1343

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

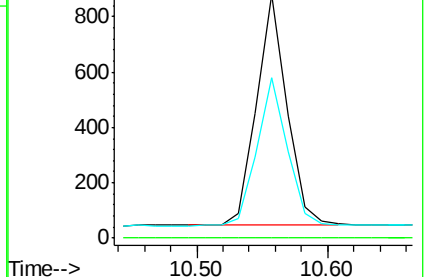
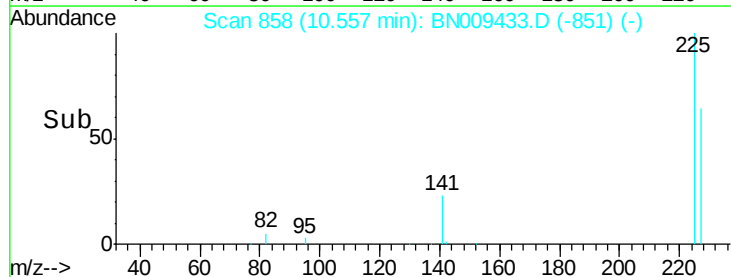
227 64.4 52.6 78.8

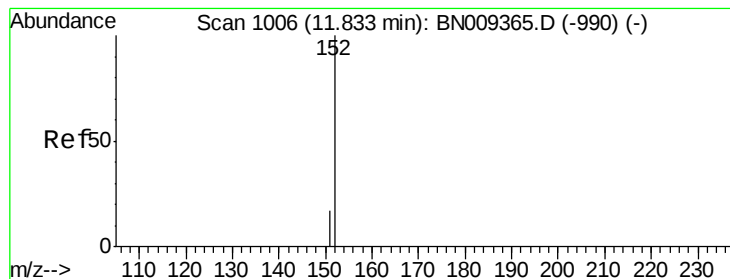


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 11.82 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

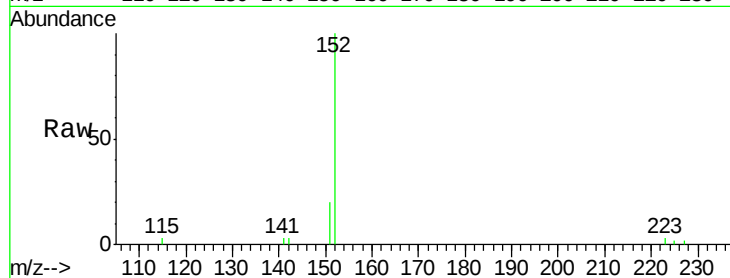
SSTDCCC0.4EC

Tot Ion:152 Resp: 4330

Ion Ratio Lower Upper

152 100

151 18.8 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.82

2000

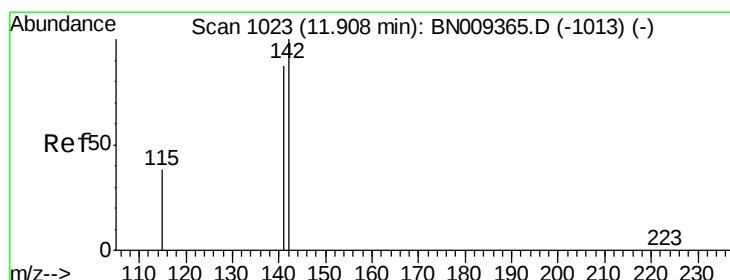
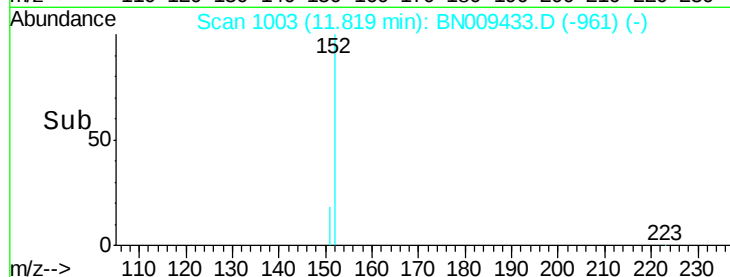
1500

1000

500

0

Time--> 11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.407 ng

RT: 11.89 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

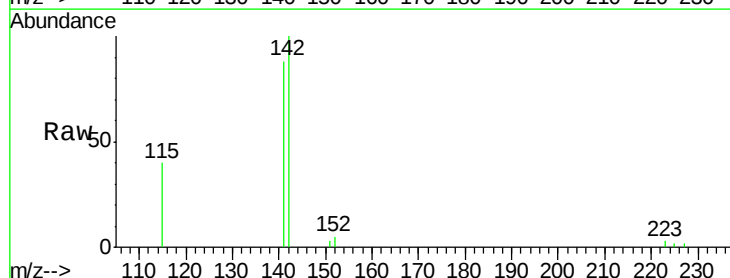
Tgt Ion:142 Resp: 4343

Ion Ratio Lower Upper

142 100

141 88.4 69.8 104.6

115 40.3 32.5 48.7



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

11.89

3000

2500

2000

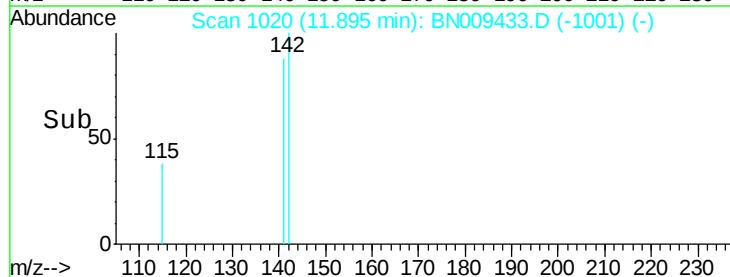
1500

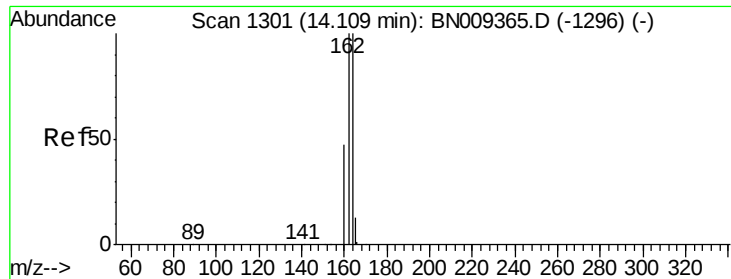
1000

500

0

Time--> 11.80 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

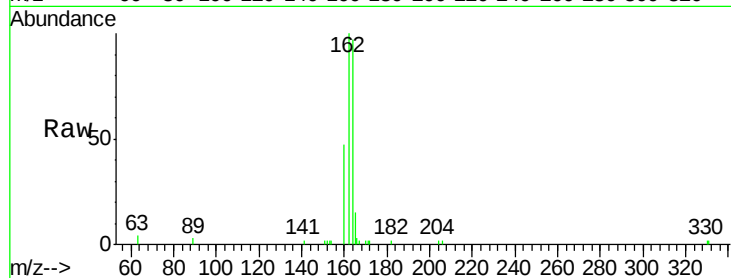
Tot Ion:164 Resp: 3779

Ion Ratio Lower Upper

164 100

162 103.5 79.8 119.6

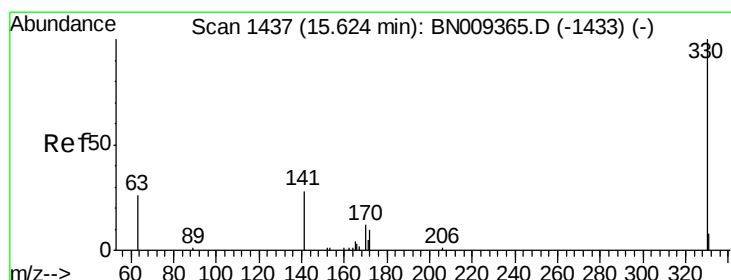
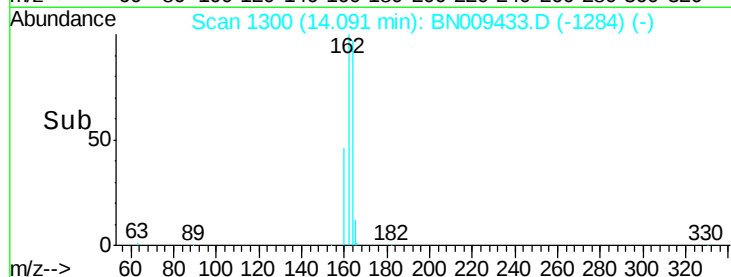
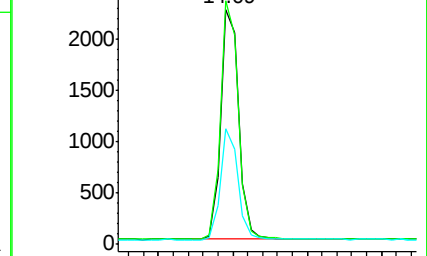
160 49.0 38.4 57.6



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: 0.423 ng

RT: 15.61 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

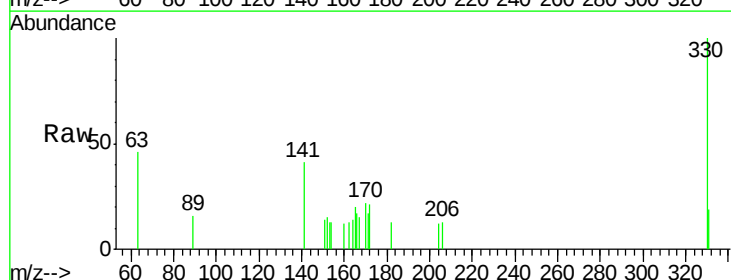
Tgt Ion:330 Resp: 604

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

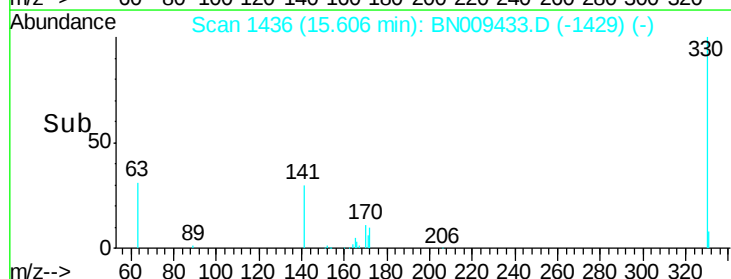
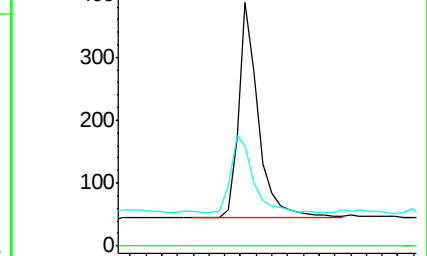
141 40.2 33.1 49.7

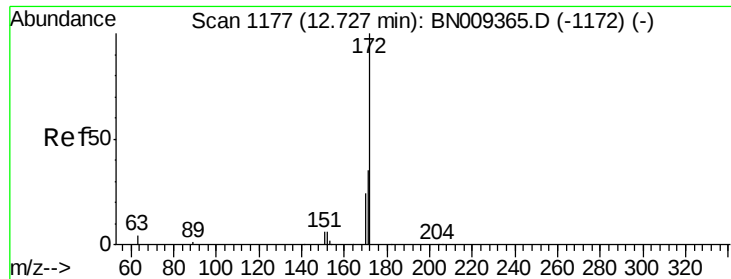


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

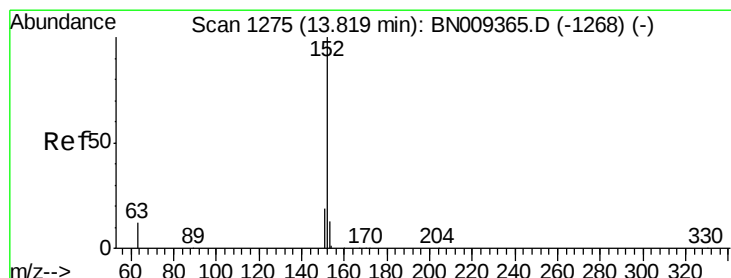
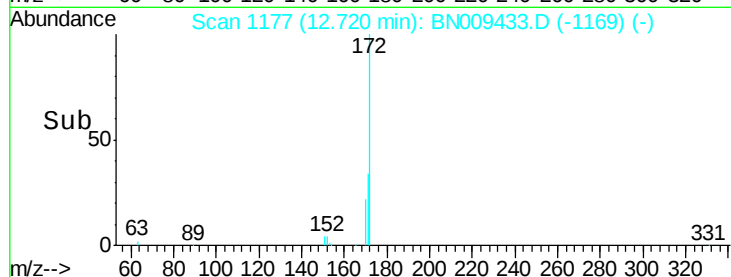
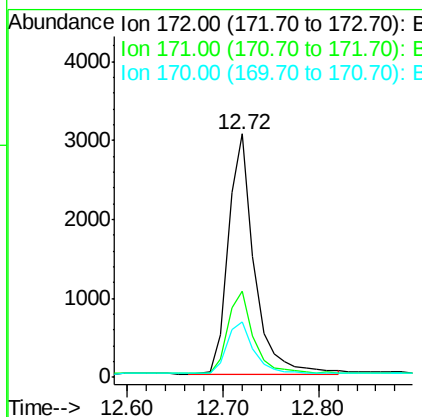
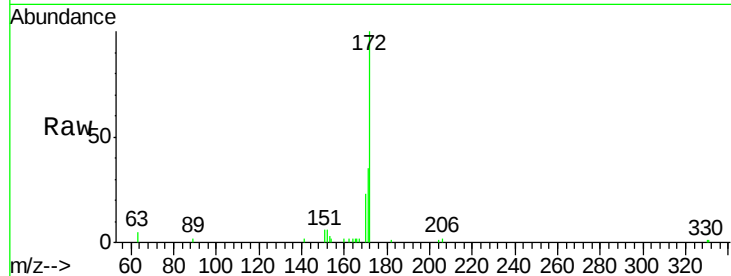




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009433.D
Acq: 23 Jan 2020 20:52

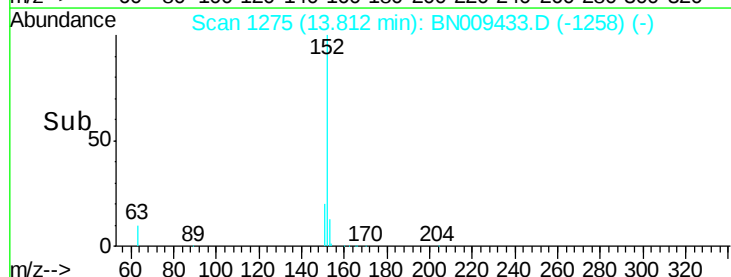
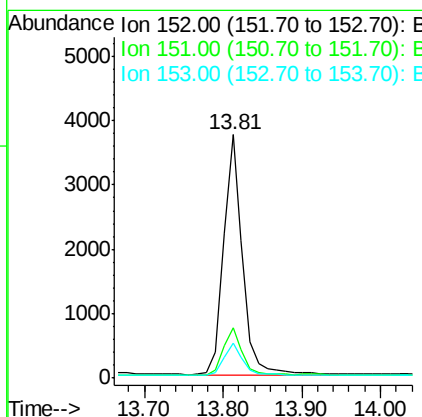
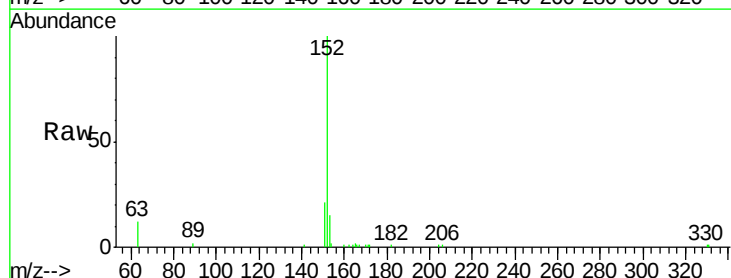
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

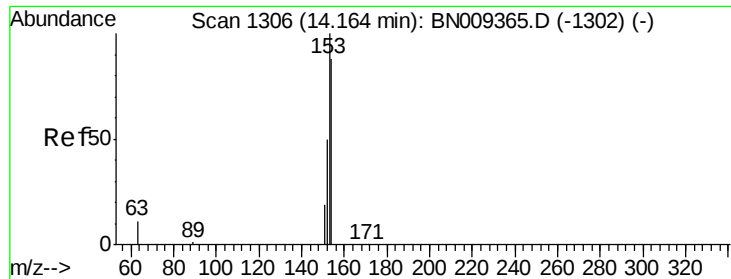
Tot Ion:172 Resp: 5734
Ion Ratio Lower Upper
172 100
171 35.3 29.5 44.3
170 23.0 20.7 31.1



#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009433.D
Acq: 23 Jan 2020 20:52

Tgt Ion:152 Resp: 6282
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

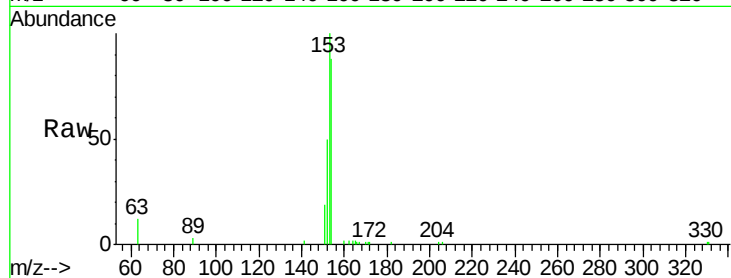
Tot Ion:154 Resp: 4408

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

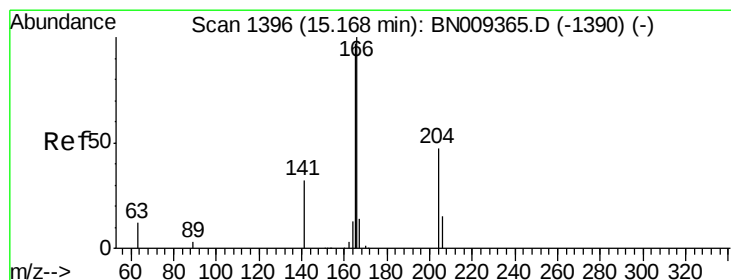
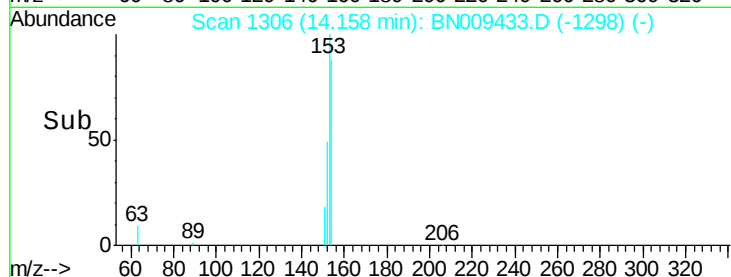
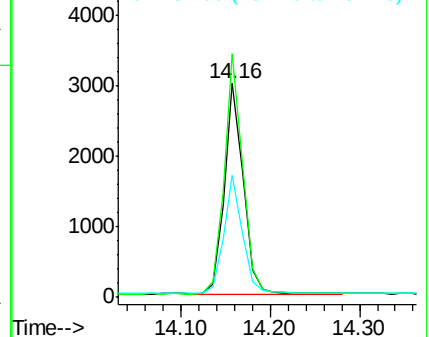
152 55.5 45.3 67.9



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: 0.376 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

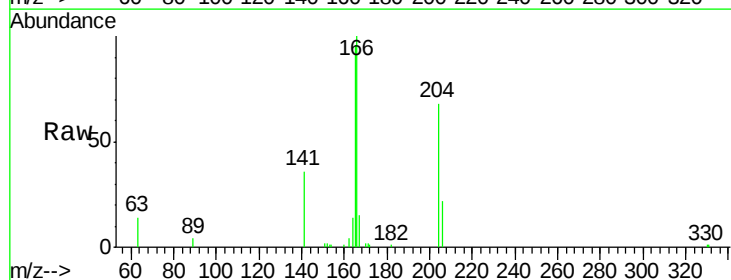
Tgt Ion:166 Resp: 5622

Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.2

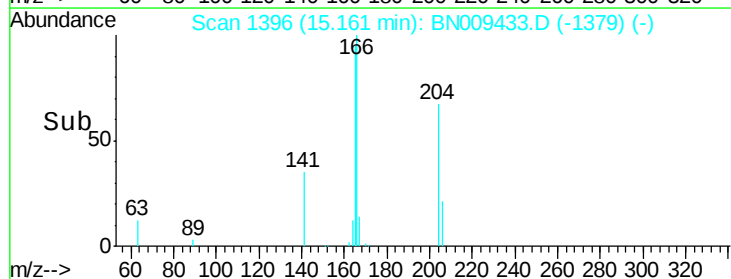
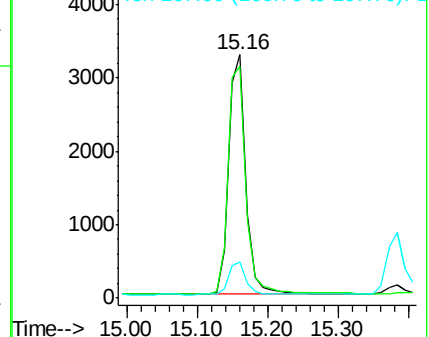
167 13.9 11.0 16.6

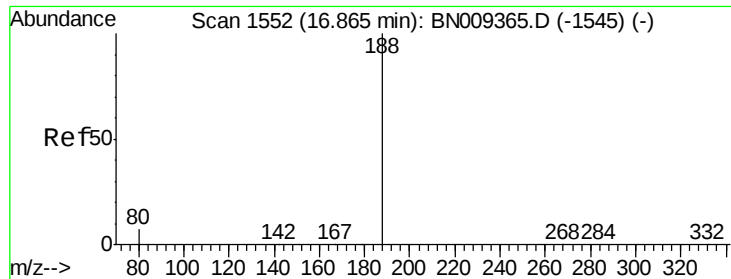


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.85 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

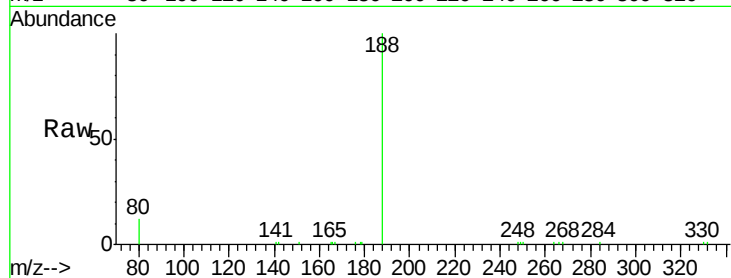
Tot Ion:188 Resp: 8017

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

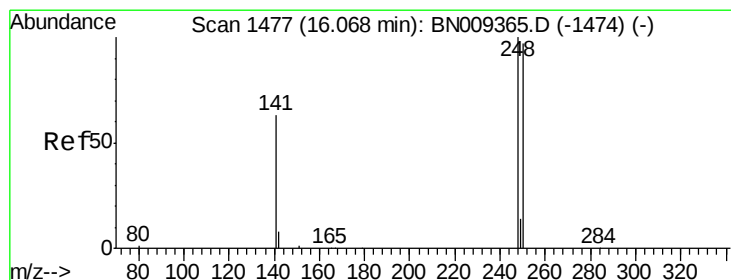
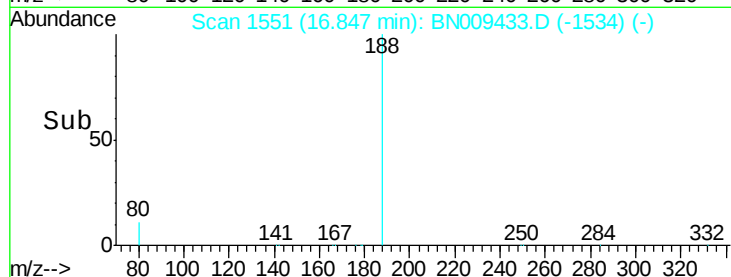
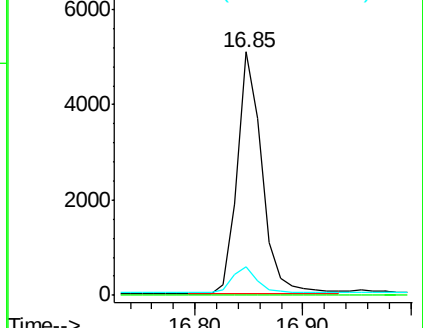
80 11.6 6.6 10.0#



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: 0.393 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

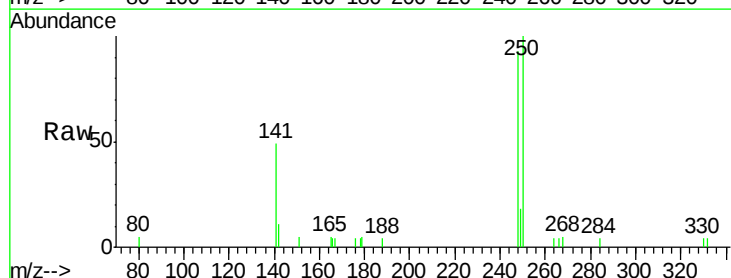
Tgt Ion:248 Resp: 1896

Ion Ratio Lower Upper

248 100

250 107.4 77.8 116.8

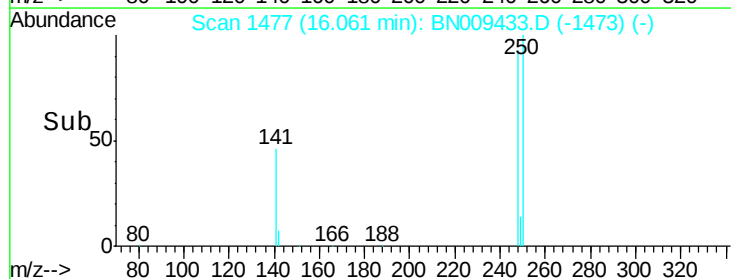
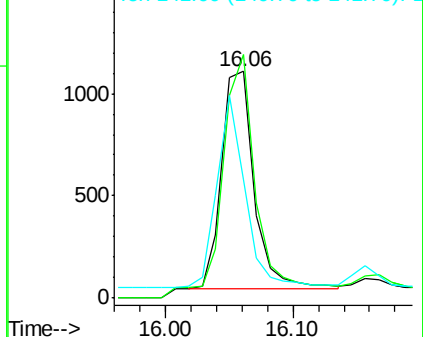
141 52.1 53.4 80.0#

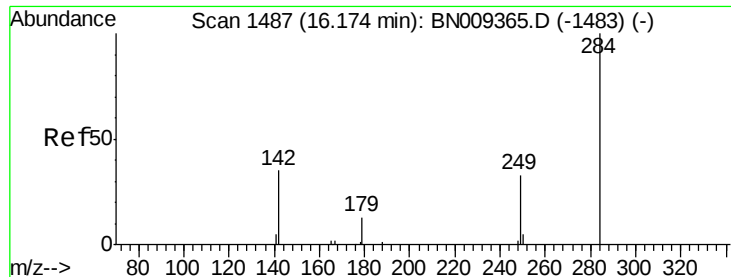


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.416 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

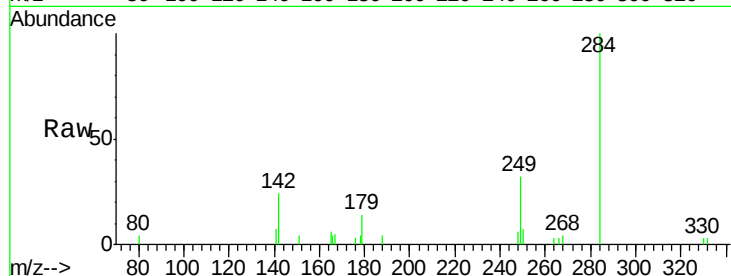
Tot Ion:284 Resp: 2140

Ion Ratio Lower Upper

284 100

142 37.4 33.8 50.8

249 31.9 27.0 40.4



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

16.17

1500

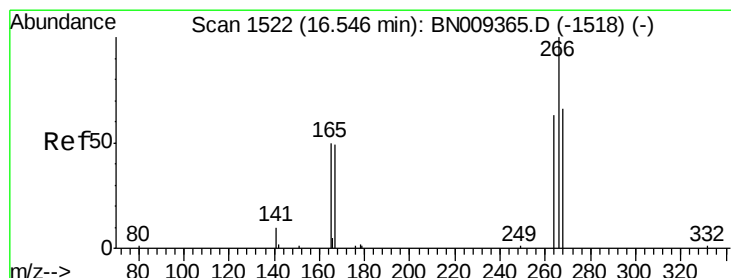
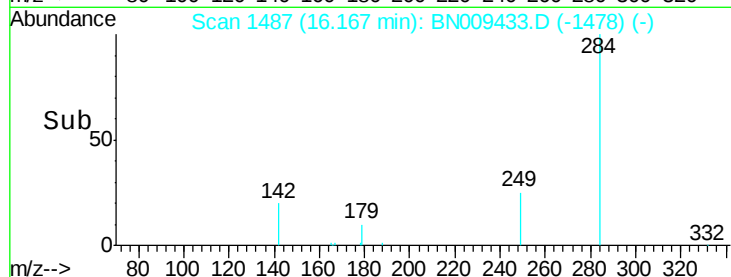
1000

500

0

16.10 16.20 16.30

Time-->



#22

Pentachlorophenol

Concen: 0.463 ng

RT: 16.53 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

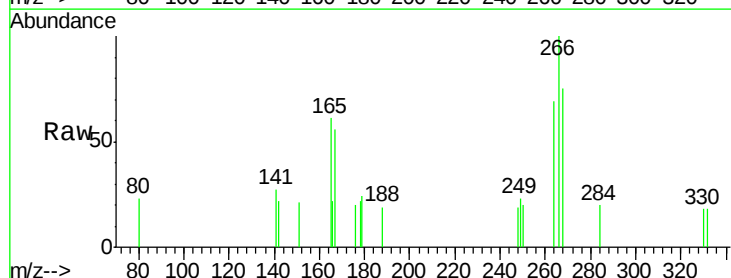
Tgt Ion:266 Resp: 573

Ion Ratio Lower Upper

266 100

264 68.9 57.8 86.6

268 75.2 63.8 95.6



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

16.53

300

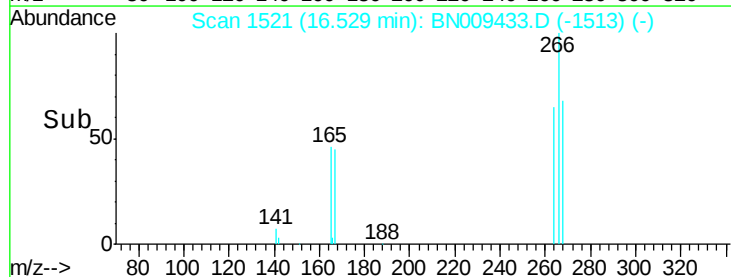
200

100

0

16.40 16.60

Time-->





#23

Phenanthrene

Concen: 0.388 ng

RT: 16.89 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

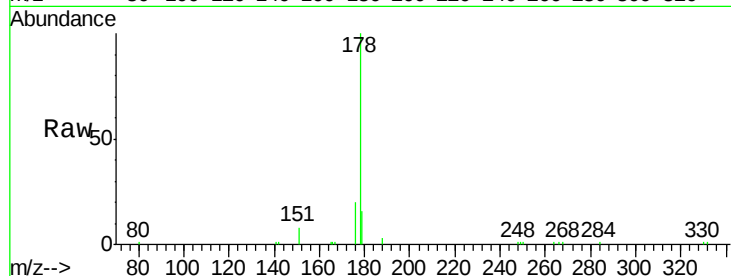
Tot Ion:178 Resp: 9351

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

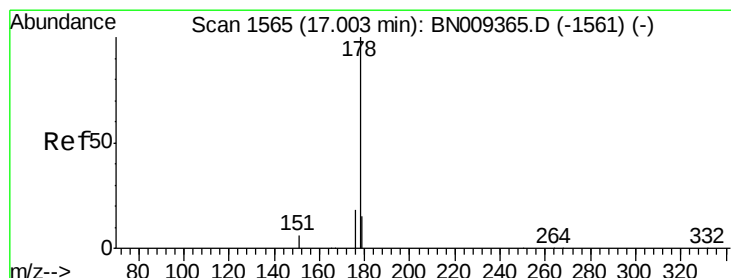
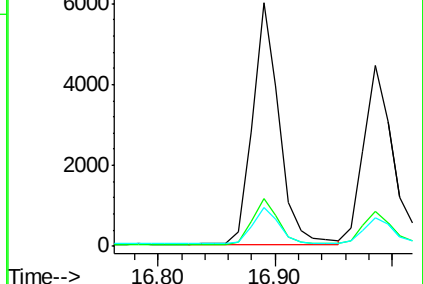
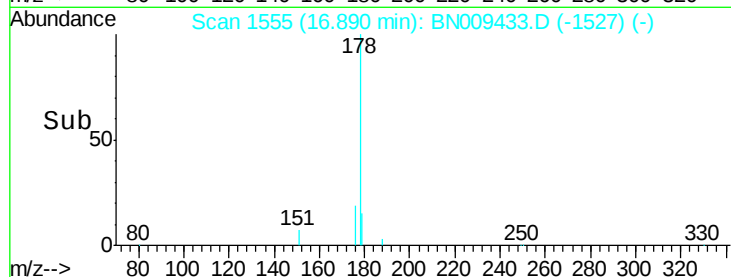
179 15.3 12.3 18.5



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



#24

Anthracene

Concen: 0.390 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

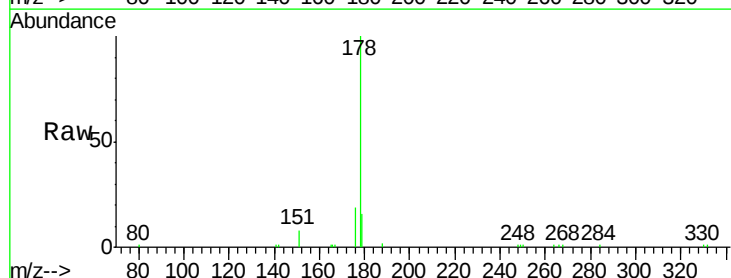
Tgt Ion:178 Resp: 7893

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

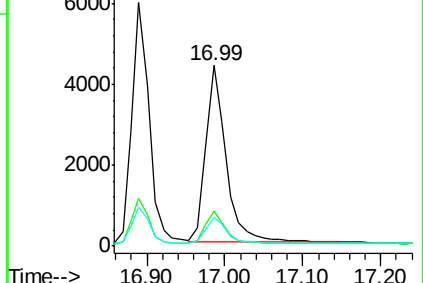
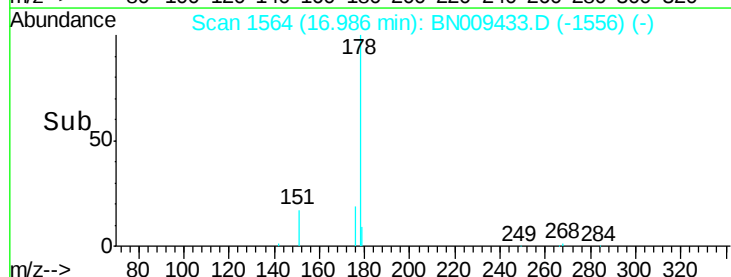
179 14.9 12.5 18.7

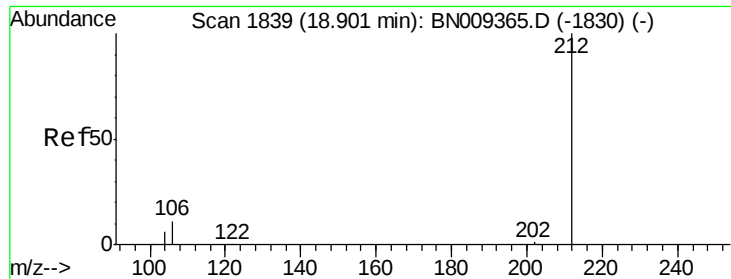


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

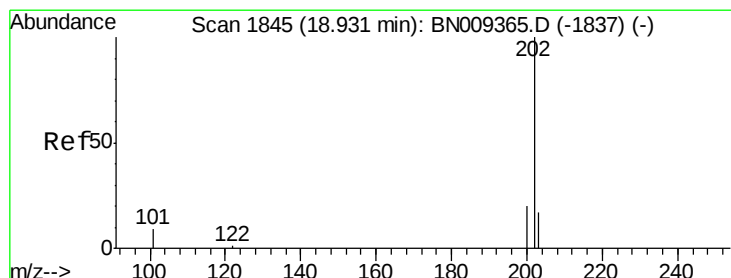
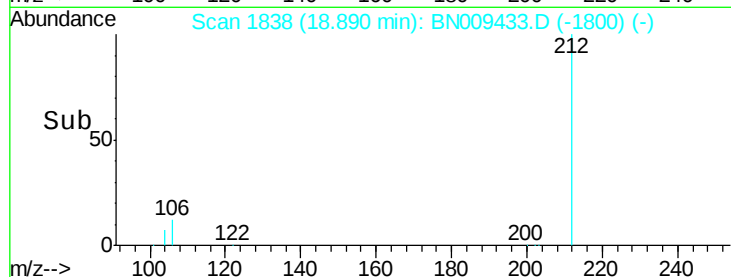
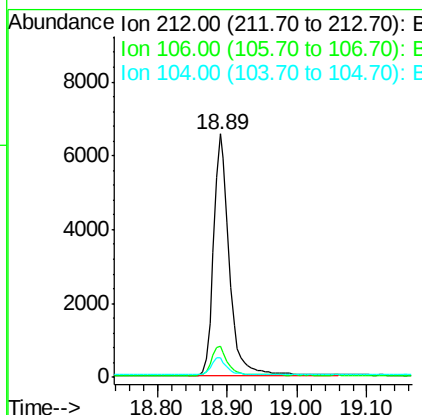
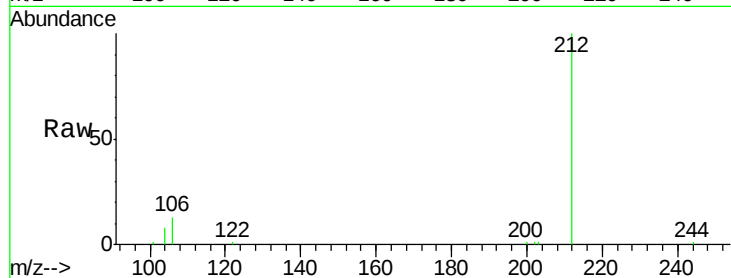




#25
 Fluoranthene-d10
 Concen: 0.372 ng
 RT: 18.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BN009433.D
 Acq: 23 Jan 2020 20:52

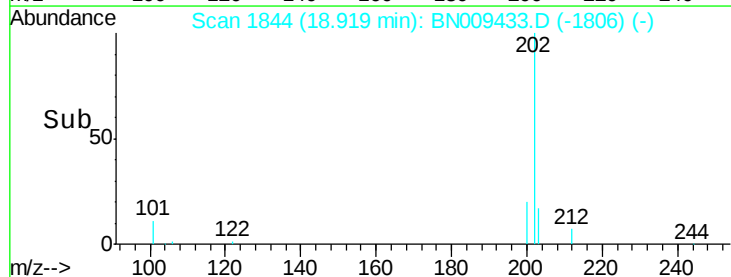
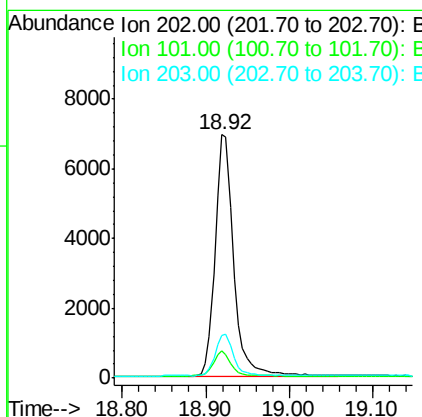
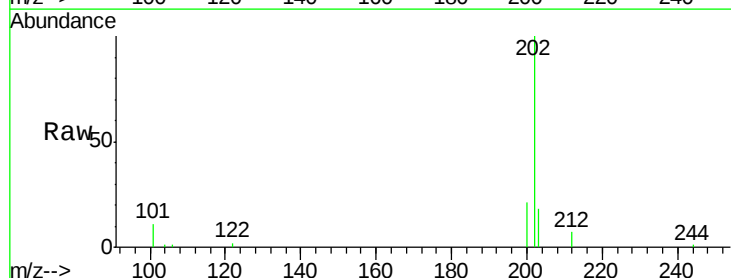
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

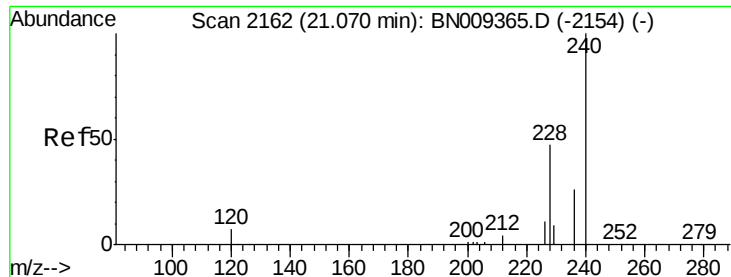
Tot Ion:212 Resp: 10239
 Ion Ratio Lower Upper
 212 100
 106 12.2 9.2 13.8
 104 6.9 5.4 8.0



#26
 Fluoranthene
 Concen: 0.379 ng
 RT: 18.92 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BN009433.D
 Acq: 23 Jan 2020 20:52

Tgt Ion:202 Resp: 10699
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.0 12.0
 203 17.1 13.5 20.3

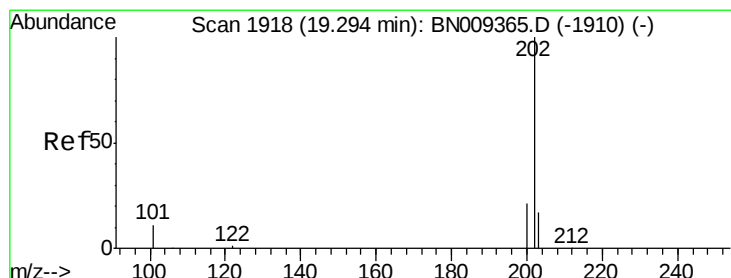
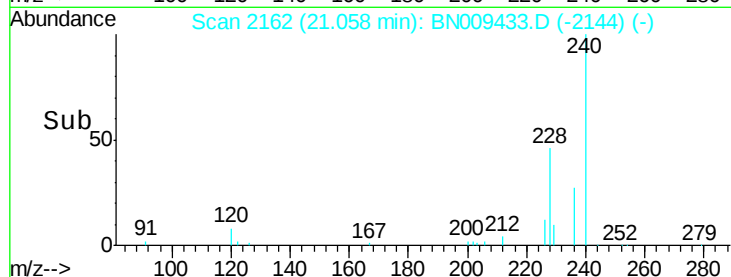
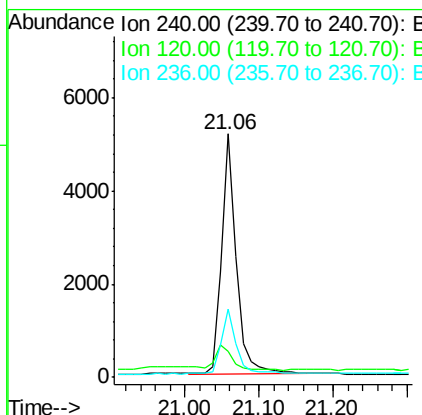
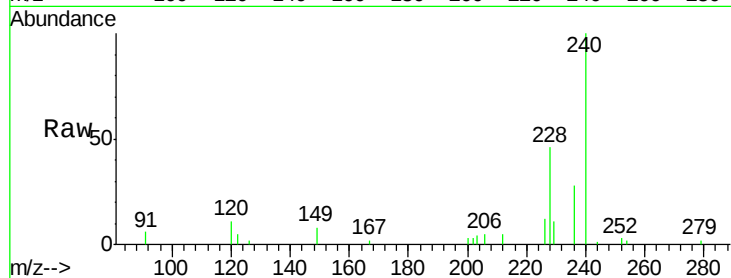




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009433.D
Acq: 23 Jan 2020 20:52

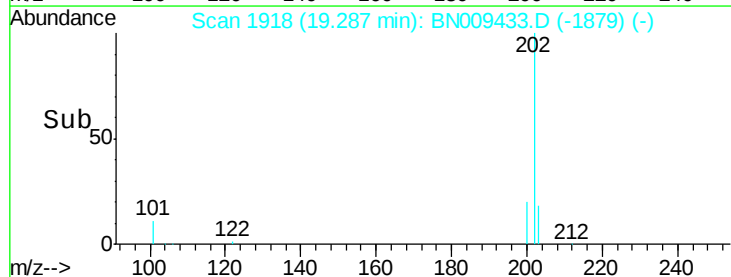
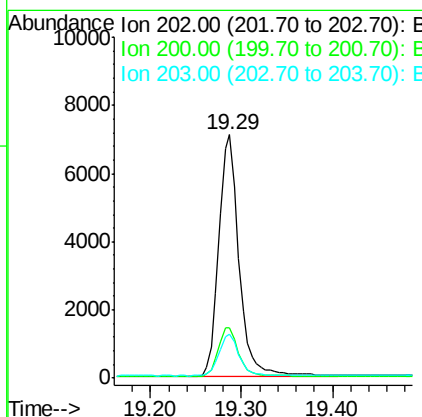
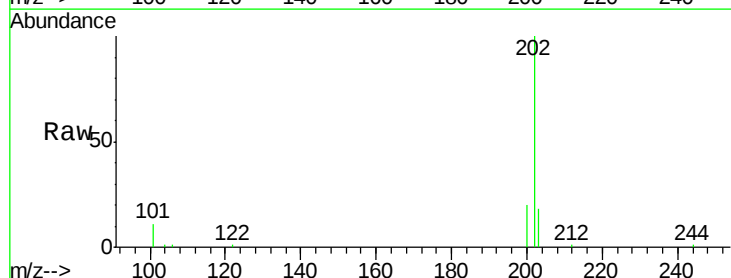
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

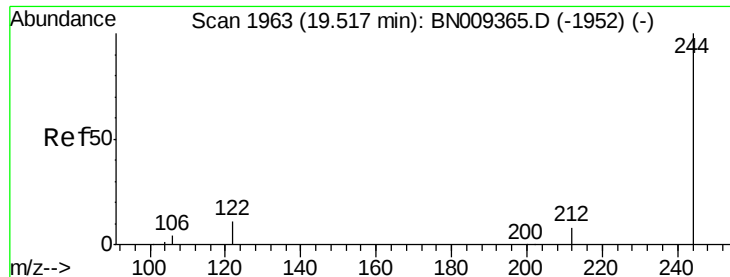
Tot Ion:240 Resp: 7328
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.9 22.2 33.4



#28
Pyrene
Concen: 0.390 ng
RT: 19.29 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BN009433.D
Acq: 23 Jan 2020 20:52

Tgt Ion:202 Resp: 10832
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

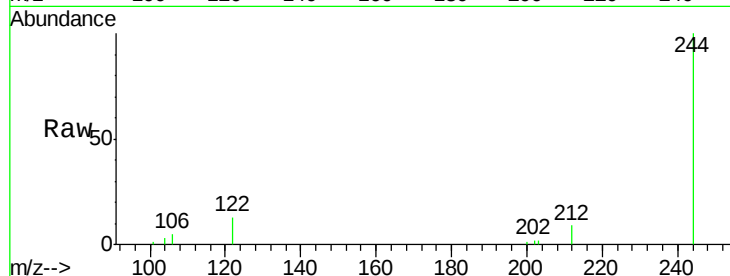
Tot Ion:244 Resp: 6998

Ion Ratio Lower Upper

244 100

212 9.0 7.5 11.3

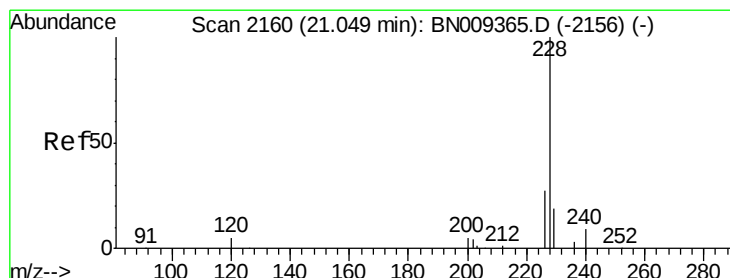
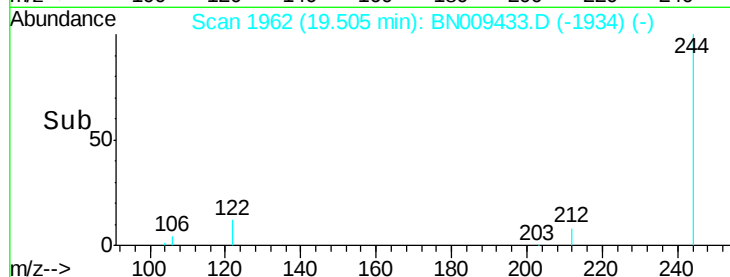
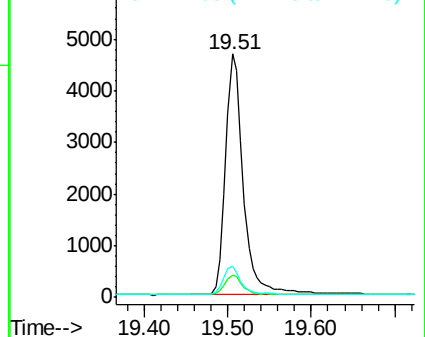
122 12.8 9.8 14.6



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: 0.412 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

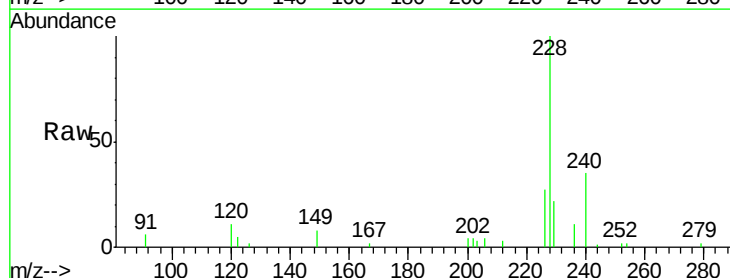
Tgt Ion:228 Resp: 9916

Ion Ratio Lower Upper

228 100

226 26.7 22.5 33.7

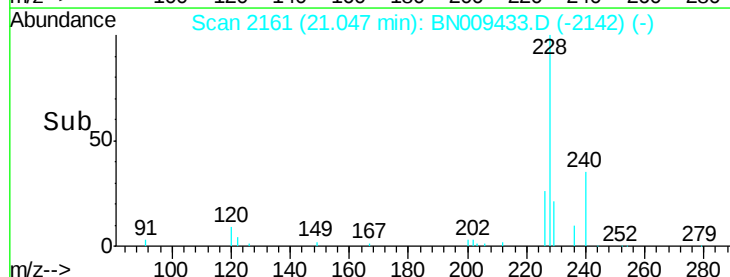
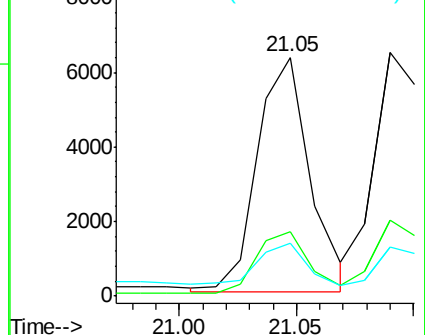
229 22.3 16.1 24.1

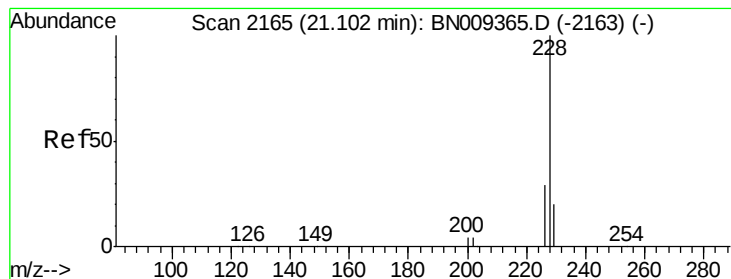


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.385 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

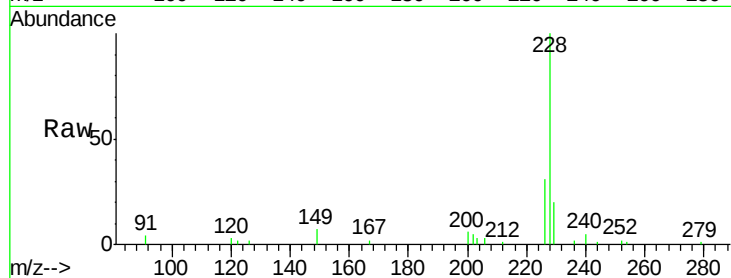
Tot Ion:228 Resp: 10604

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.8

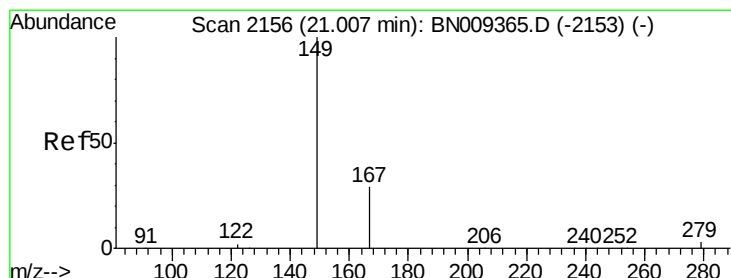
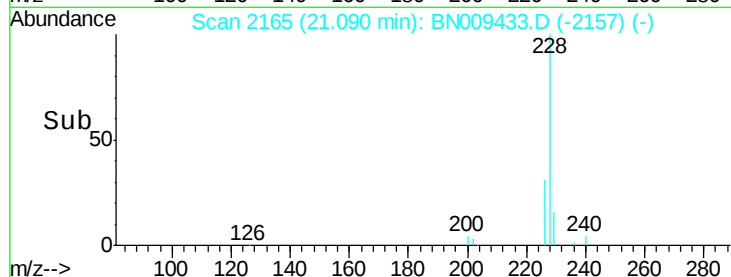
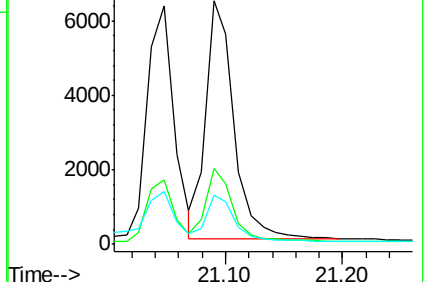
229 20.3 16.6 24.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.551 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

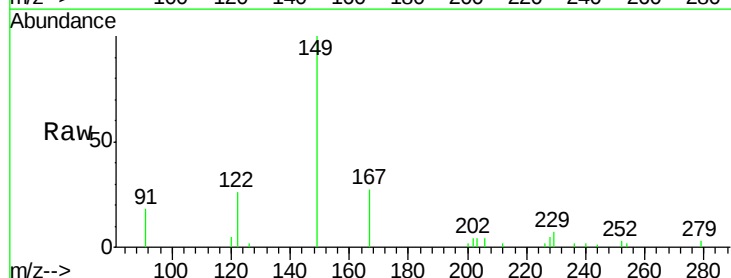
Tgt Ion:149 Resp: 5864

Ion Ratio Lower Upper

149 100

167 30.9 22.9 34.3

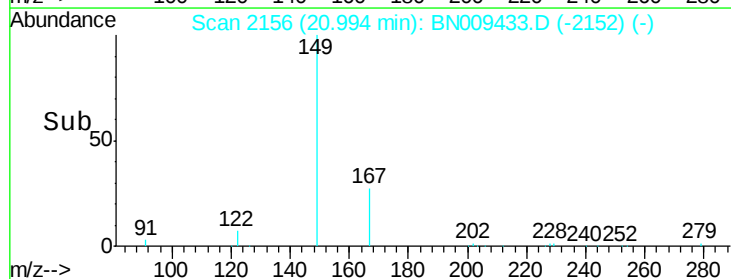
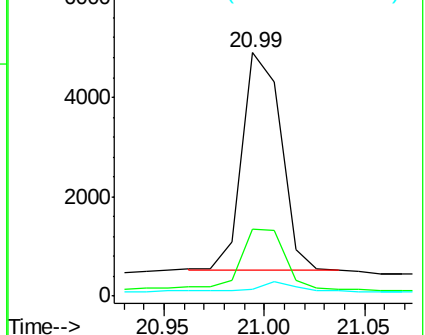
279 3.8 3.4 5.0

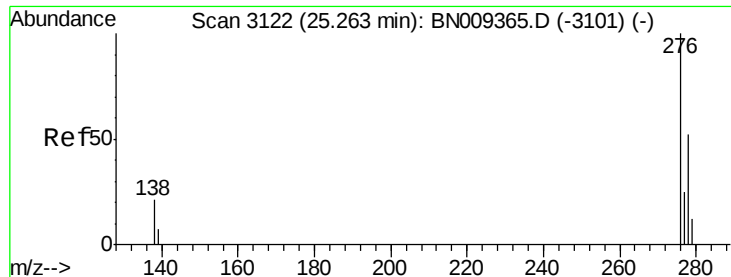


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

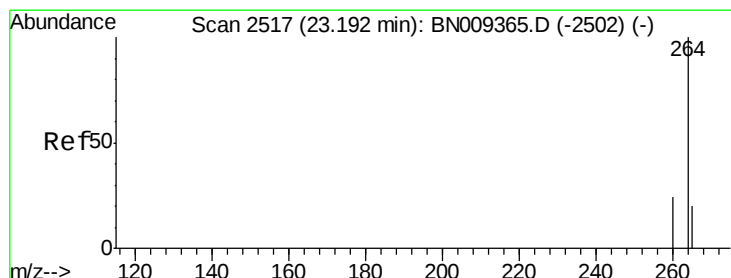
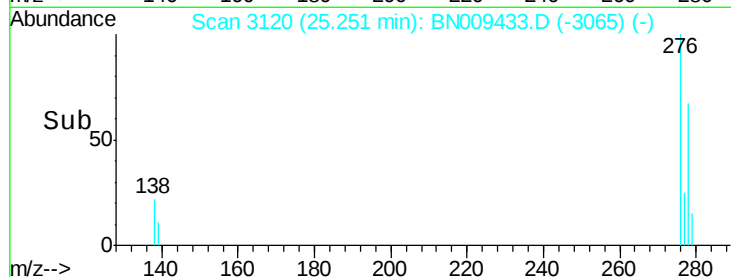
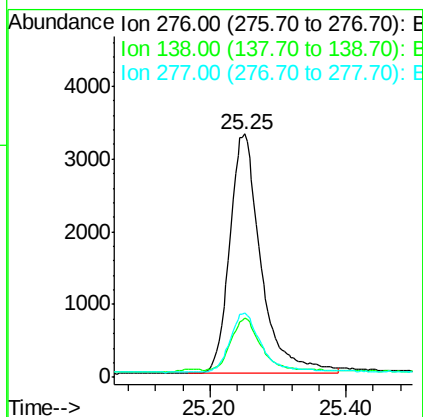
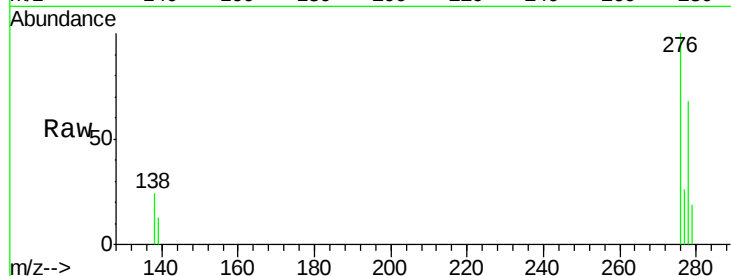




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.369 ng
 RT: 25.25 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BN009433.D
 Acq: 23 Jan 2020 20:52

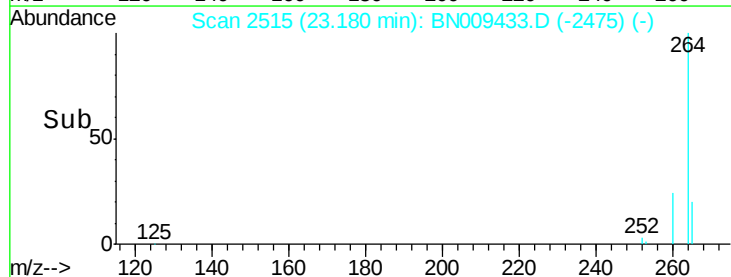
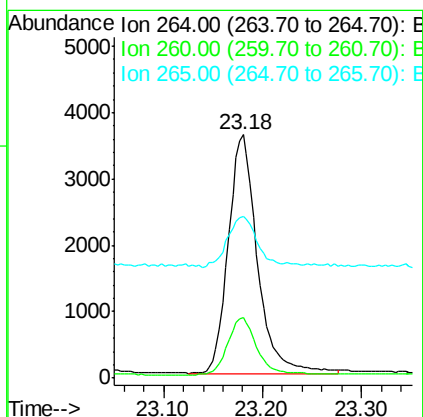
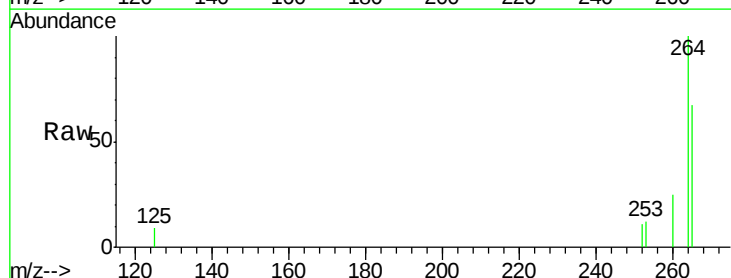
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

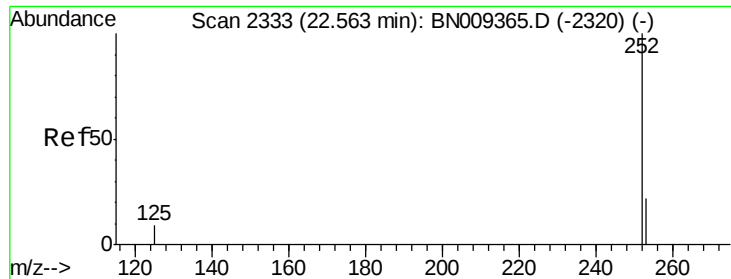
Tot Ion:276 Resp: 10565
 Ion Ratio Lower Upper
 276 100
 138 20.8 15.9 23.9
 277 24.6 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.18 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BN009433.D
 Acq: 23 Jan 2020 20:52

Tgt Ion:264 Resp: 7309
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 66.5 68.2 102.4#





#35

Benzo(b)fluoranthene

Concen: 0.369 ng

RT: 22.55 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

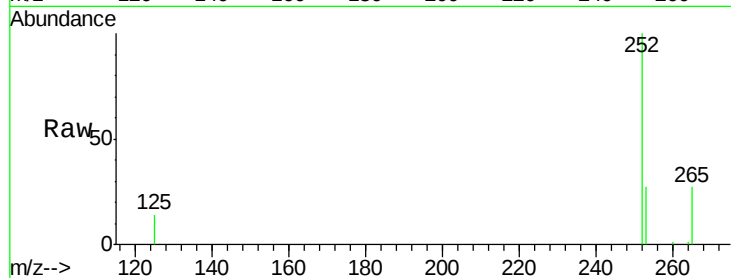
Tot Ion:252 Resp: 9913

Ion Ratio Lower Upper

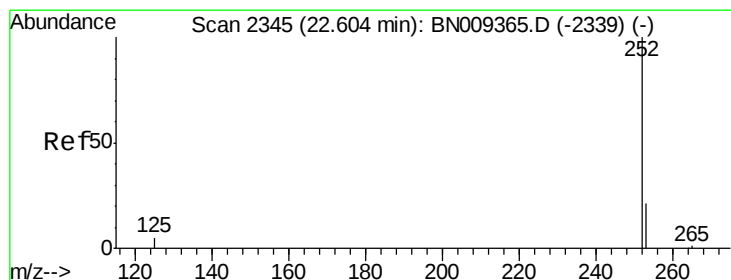
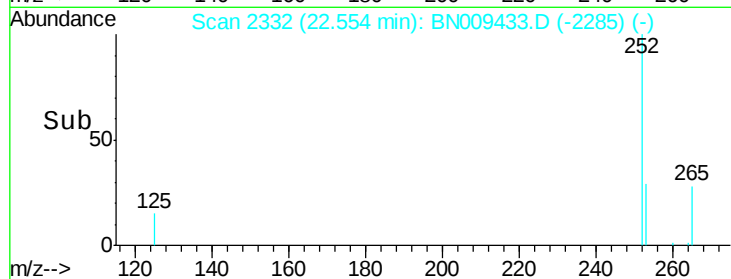
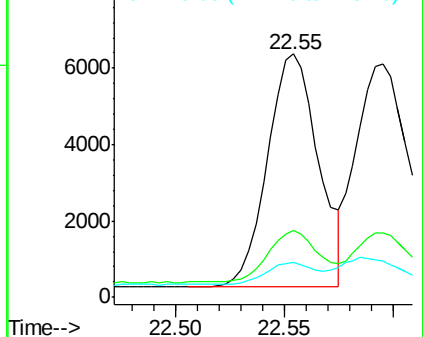
252 100

253 27.4 22.4 33.6

125 14.4 11.6 17.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.364 ng

RT: 22.59 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

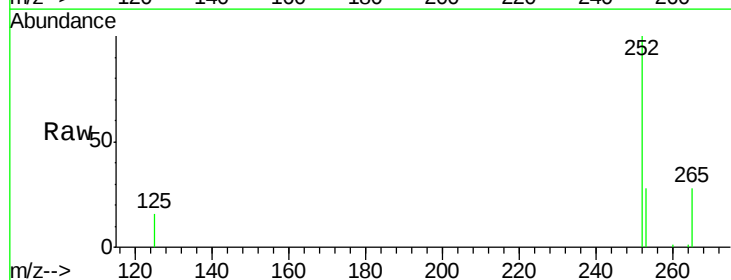
Tgt Ion:252 Resp: 10796

Ion Ratio Lower Upper

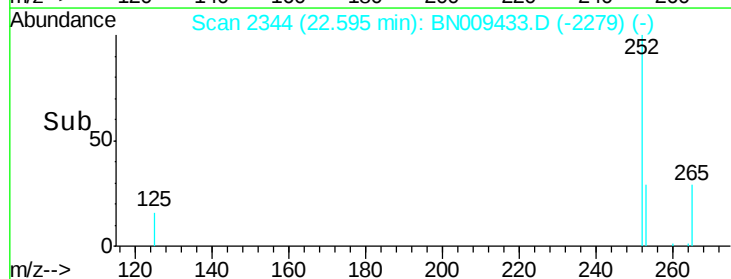
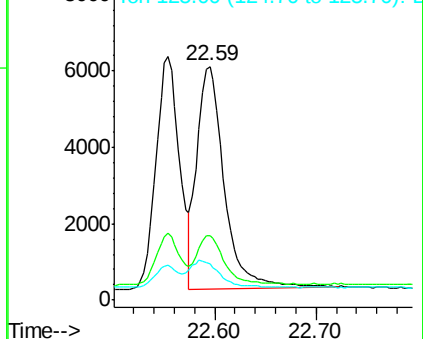
252 100

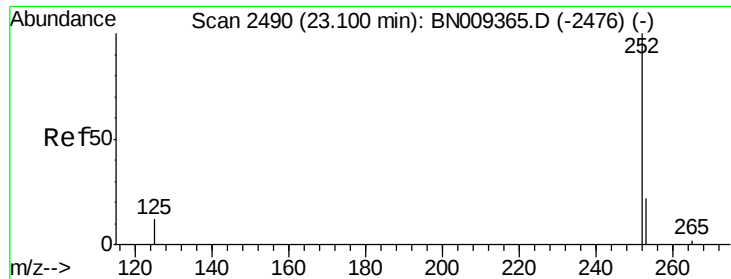
253 27.5 21.9 32.9

125 15.7 12.0 18.0



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





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.09 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

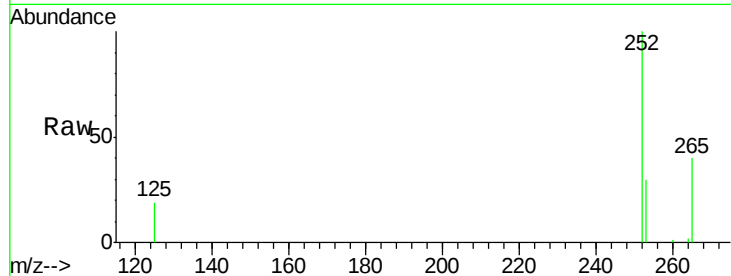
Tot Ion:252 Resp: 8960

Ion Ratio Lower Upper

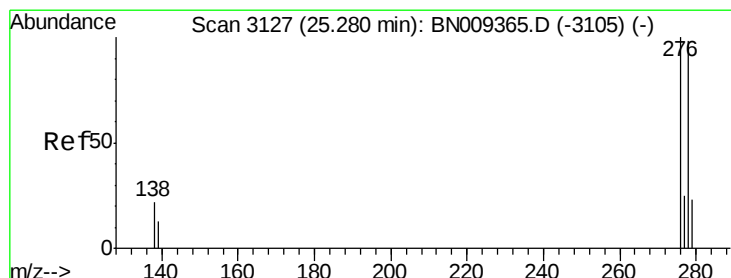
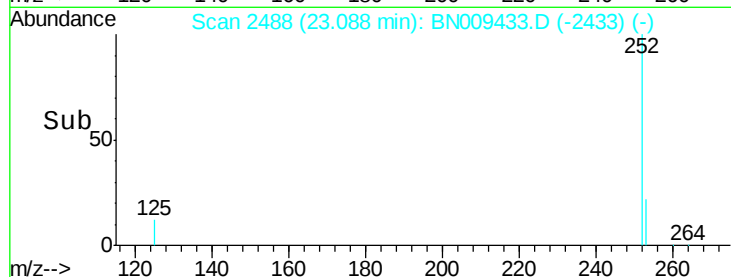
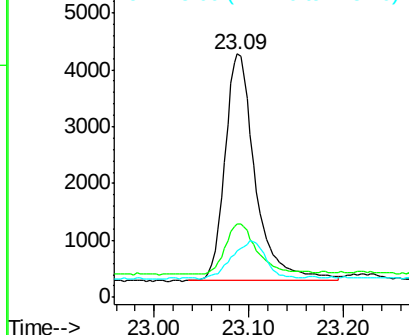
252 100

253 30.2 25.4 38.0

125 19.0 16.2 24.2



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: 0.358 ng

RT: 25.26 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

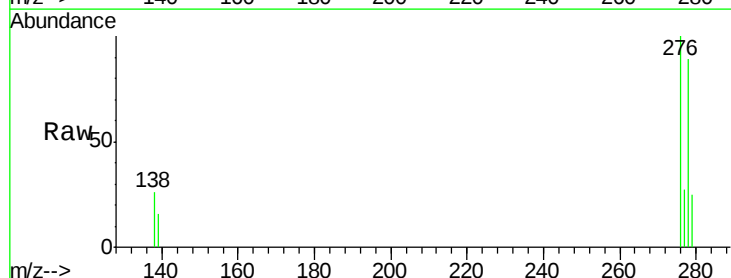
Tgt Ion:278 Resp: 8529

Ion Ratio Lower Upper

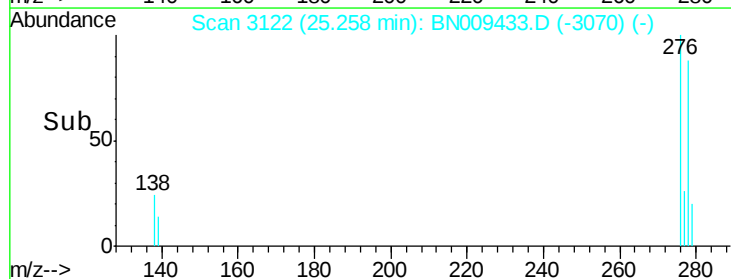
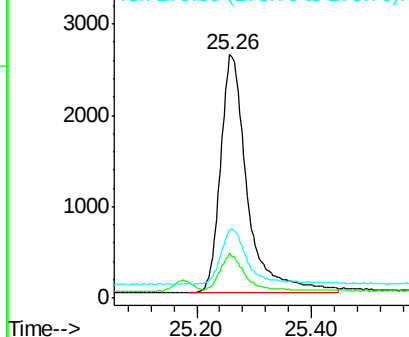
278 100

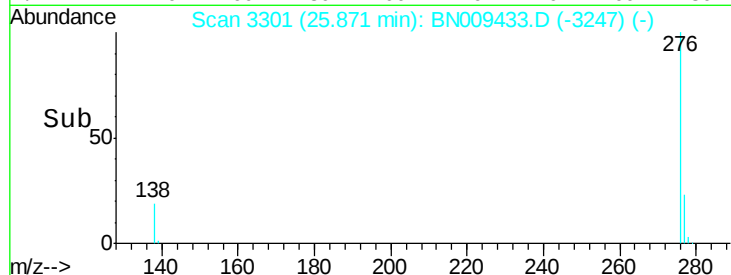
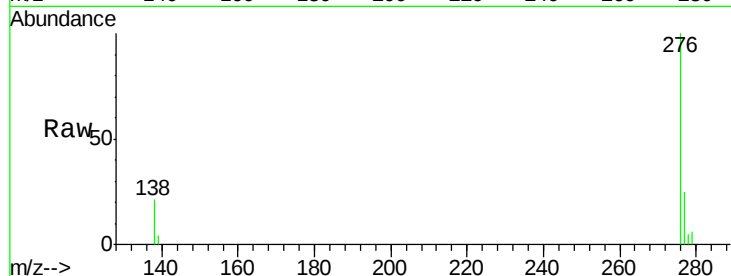
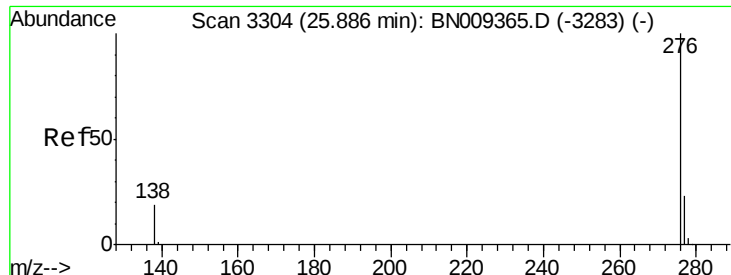
139 18.3 14.5 21.7

279 27.8 24.2 36.4



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: 0.346 ng

RT: 25.87 min Scan# 3301

Delta R.T. -0.02 min

Lab File: BN009433.D

Acq: 23 Jan 2020 20:52

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion: 276 Resp: 9075

Ion Ratio Lower Upper

276 100

277 25.2 20.6 30.8

138 21.4 17.1 25.7

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

