

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
 Data File : BN009383.D
 Acq On : 16 Jan 2020 13:59
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 16 15:27:36 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	7.48	152	1556	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	5544	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3370	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7265	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6422	0.40	ng	0.00
34) Perylene-d12	23.19	264	6597	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1481	0.41	ng	0.00
5) Phenol-d6	6.68	99	1759	0.42	ng	0.00
8) Nitrobenzene-d5	8.63	82	1645	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.83	152	4124	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	469	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5021	0.40	ng	0.00
25) Fluoranthene-d10	18.90	212	9557	0.38	ng	0.00
29) Terphenyl-d14	19.52	244	6103	0.40	ng	0.00

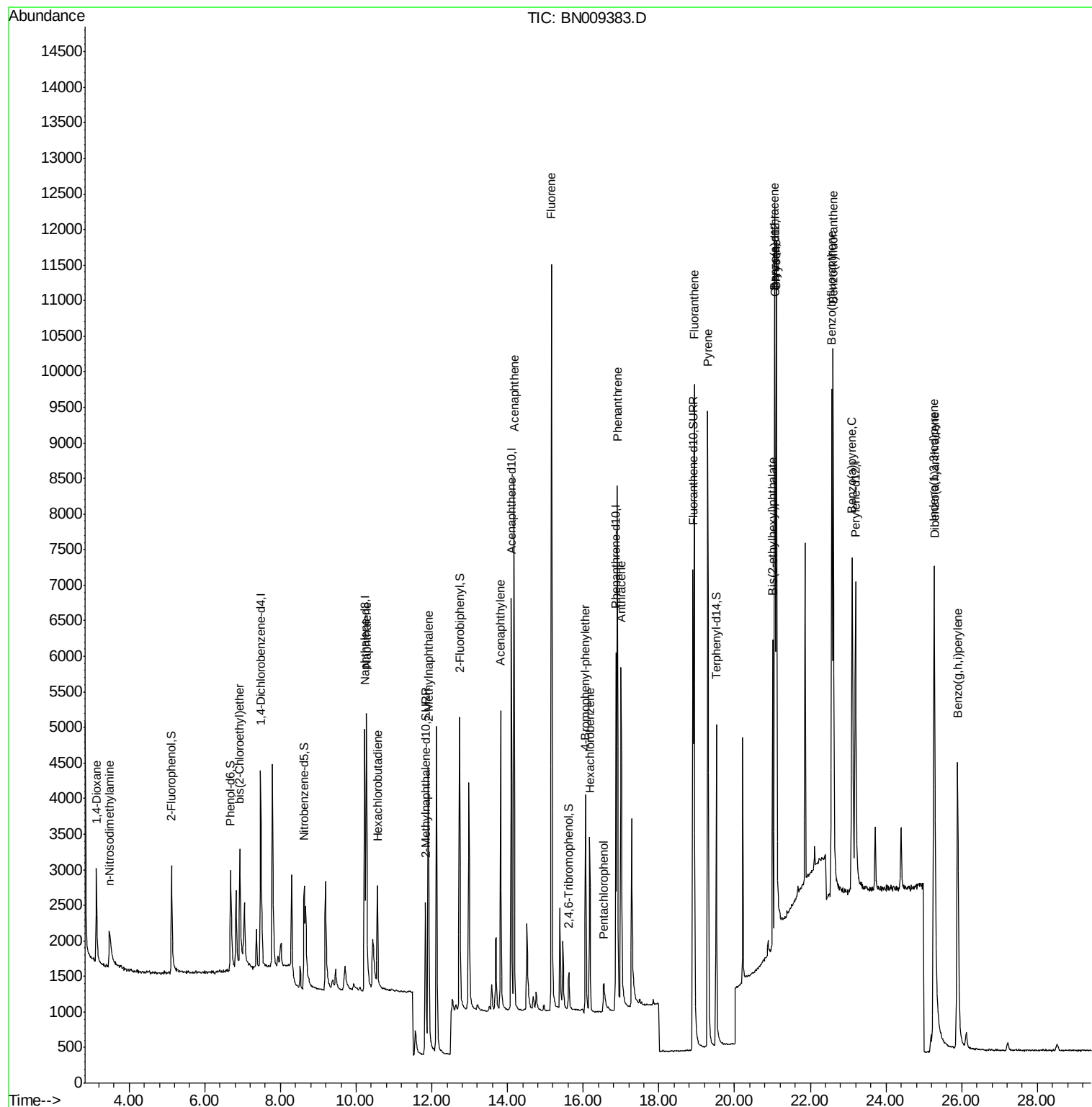
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	670	0.413	ng	98
3) n-Nitrosodimethylamine	3.48	42	807	0.322	ng	# 93
6) bis(2-Chloroethyl)ether	6.93	93	1578	0.370	ng	98
9) Naphthalene	10.28	128	6021	0.401	ng	98
10) Hexachlorobutadiene	10.57	225	1318	0.401	ng	# 96
12) 2-Methylnaphthalene	11.90	142	4127	0.395	ng	99
16) Acenaphthylene	13.82	152	5475	0.377	ng	100
17) Acenaphthene	14.17	154	4109	0.402	ng	98
18) Fluorene	15.16	166	5315	0.399	ng	98
20) 4-Bromophenyl-phenylether	16.06	248	1666	0.381	ng	# 90
21) Hexachlorobenzene	16.17	284	1814	0.389	ng	99
22) Pentachlorophenol	16.55	266	448	0.419	ng	100
23) Phenanthrene	16.90	178	8593	0.394	ng	99
24) Anthracene	17.00	178	6928	0.378	ng	99
26) Fluoranthene	18.93	202	9799	0.383	ng	100
28) Pyrene	19.29	202	9905	0.407	ng	100
30) Benzo(a)anthracene	21.06	228	7982	0.378	ng	97
31) Chrysene	21.10	228	9864	0.409	ng	99
32) Bis(2-ethylhexyl)phthalate	21.00	149	3529	0.378	ng	99
33) Indeno(1,2,3-cd)pyrene	25.26	276	10533	0.419	ng	99
35) Benzo(b)fluoranthene	22.56	252	9138	0.377	ng	99
36) Benzo(k)fluoranthene	22.61	252	11243	0.420	ng	99
37) Benzo(a)pyrene	23.10	252	8552	0.400	ng	97
38) Dibenzo(a,h)anthracene	25.28	278	8300	0.386	ng	98
39) Benzo(g,h,i)perylene	25.89	276	9197	0.389	ng	99

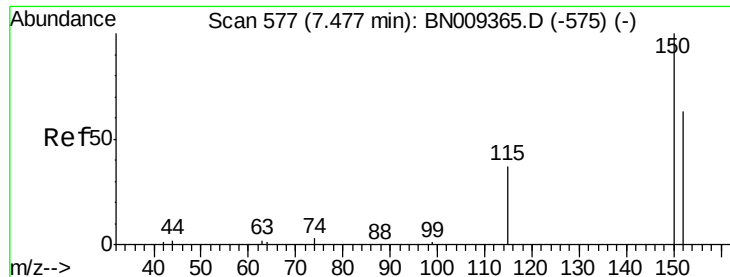
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 15:27:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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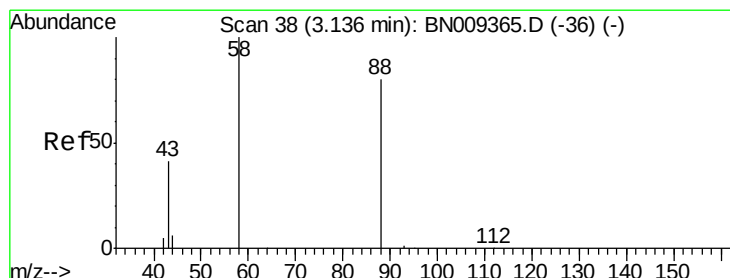
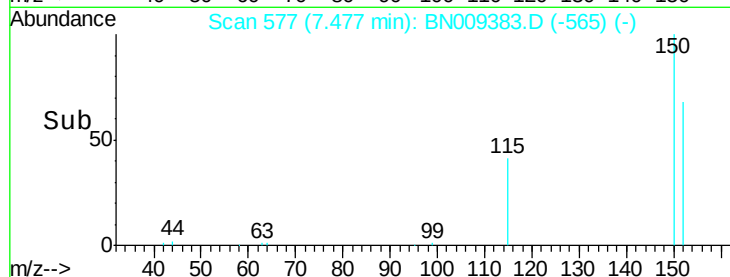
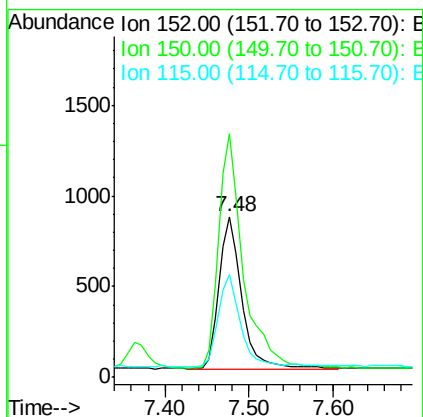
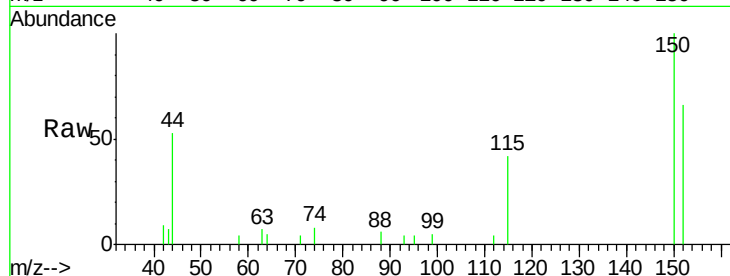


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

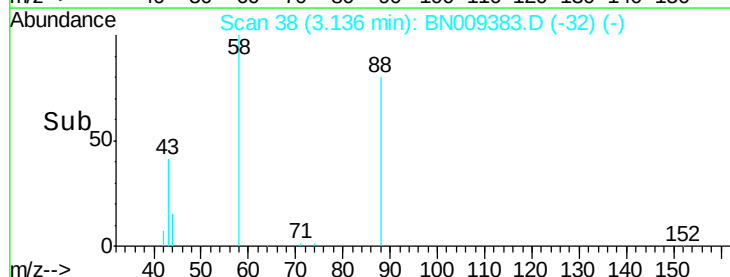
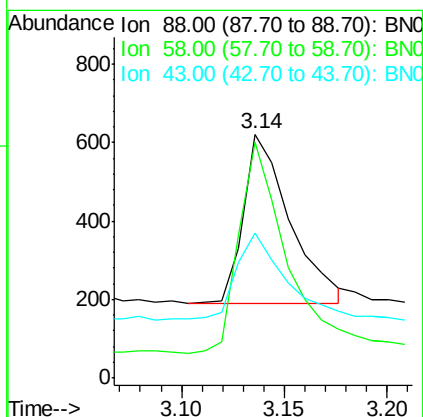
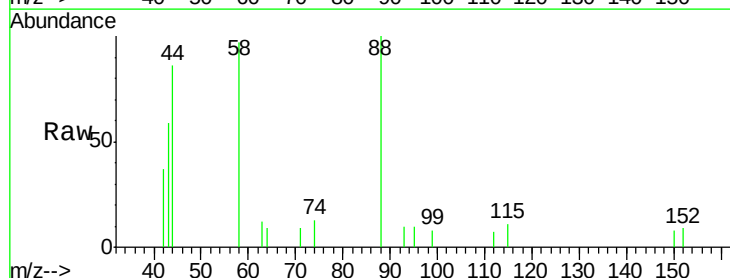
Tot Ion:152 Resp: 1556
Ion Ratio Lower Upper
152 100
150 151.5 125.7 188.5
115 63.8 53.3 79.9

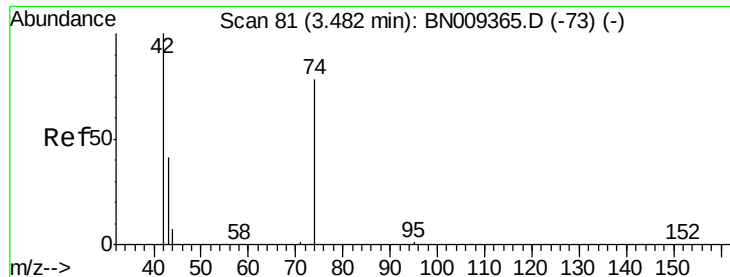


#2

1,4-Dioxane
Concen: 0.413 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion: 88 Resp: 670
Ion Ratio Lower Upper
88 100
58 126.9 100.2 150.2
43 52.7 43.1 64.7





#3

n-Nitrosodimethylamine

Concen: 0.322 ng

RT: 3.48 min Scan# 81

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

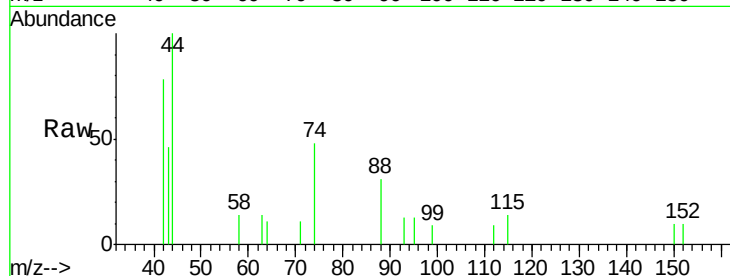
Tot Ion: 42 Resp: 807

Ion Ratio Lower Upper

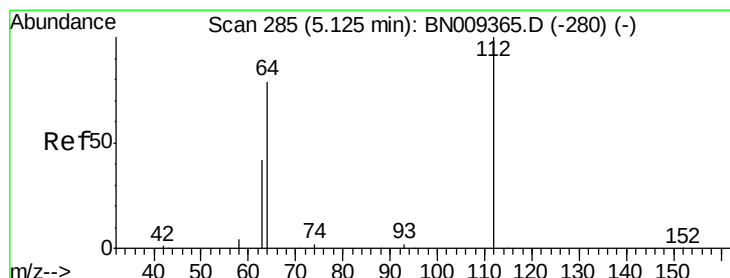
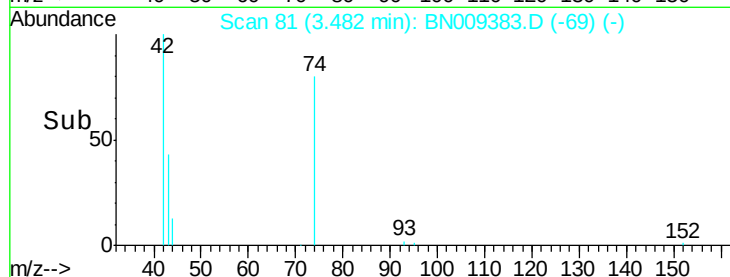
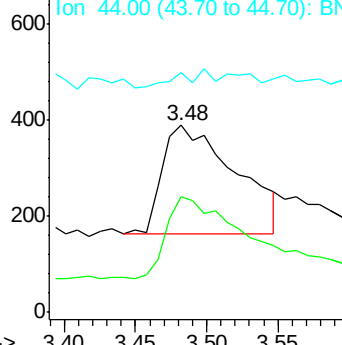
42 100

74 72.4 55.8 83.8

44 3.0 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: 0.414 ng

RT: 5.12 min Scan# 285

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

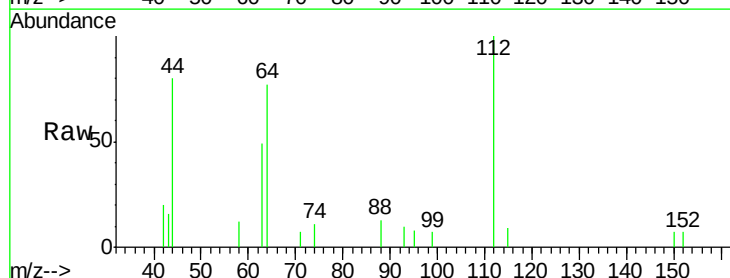
Tgt Ion:112 Resp: 1481

Ion Ratio Lower Upper

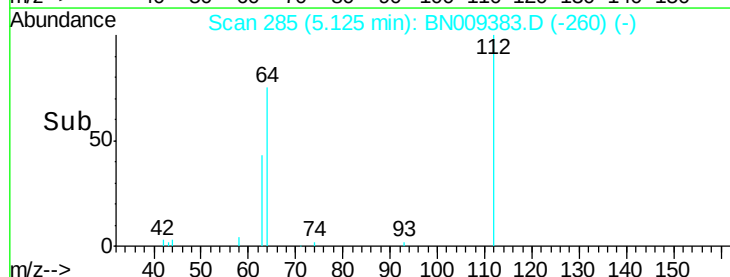
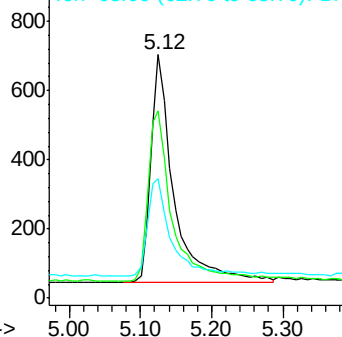
112 100

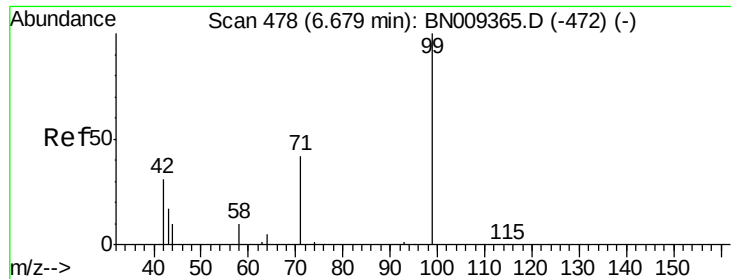
64 77.2 61.5 92.3

63 41.7 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: 0.424 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

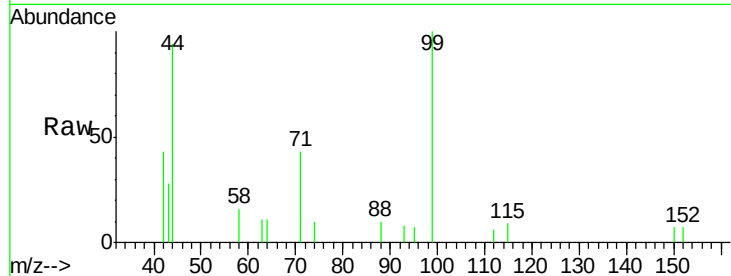
Tot Ion: 99 Resp: 1759

Ion Ratio Lower Upper

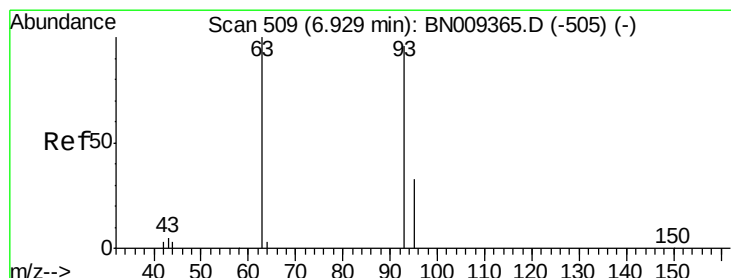
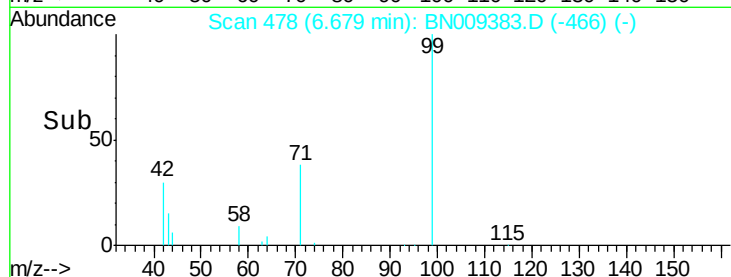
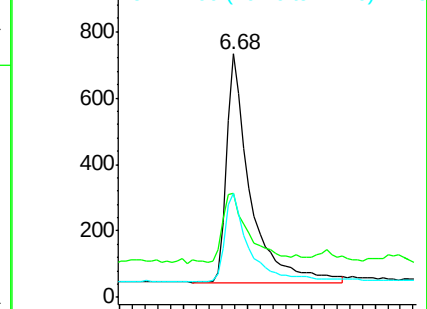
99 100

42 33.1 27.6 41.4

71 39.1 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: 0.370 ng

RT: 6.93 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

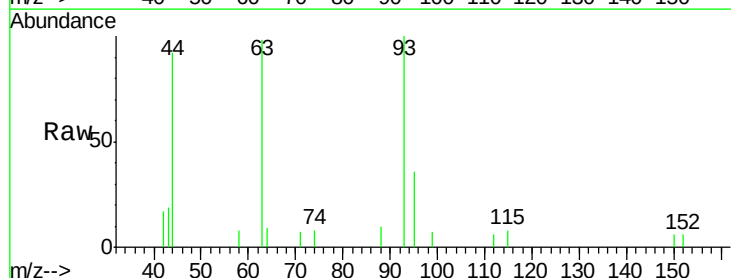
Tgt Ion: 93 Resp: 1578

Ion Ratio Lower Upper

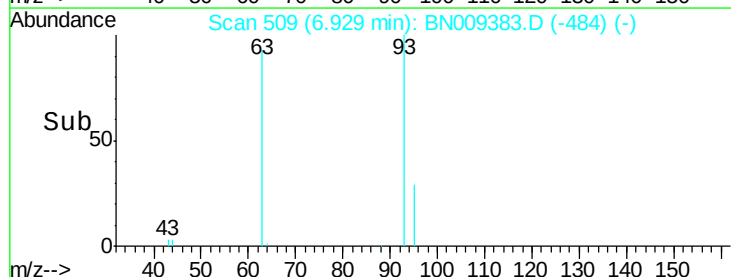
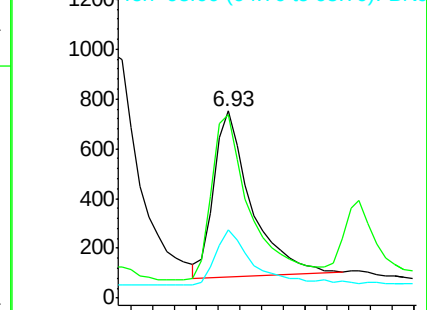
93 100

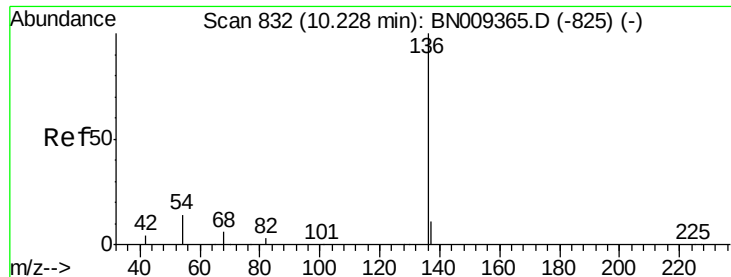
63 105.1 85.1 127.7

95 35.4 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: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 5544

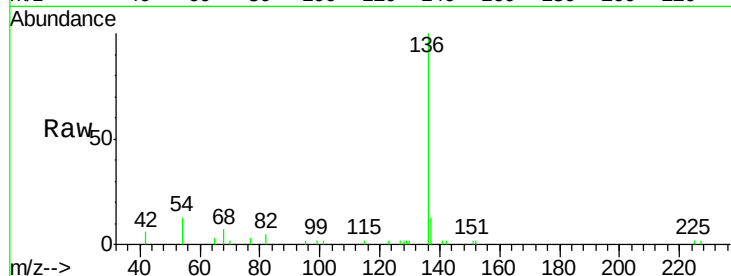
Ion Ratio Lower Upper

136 100

137 12.8 10.3 15.5

54 13.3 12.6 19.0

68 6.7 6.5 9.7

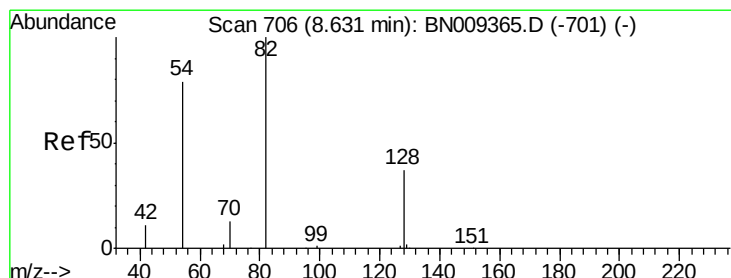
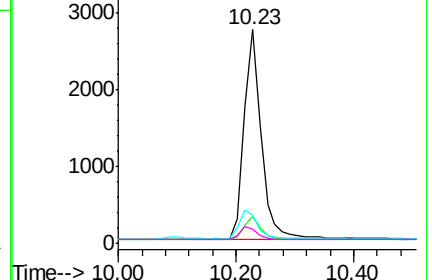
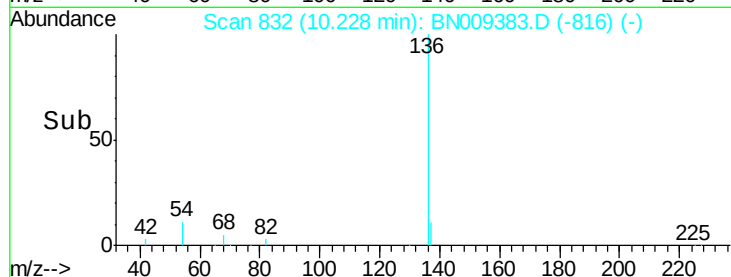


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 8.63 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

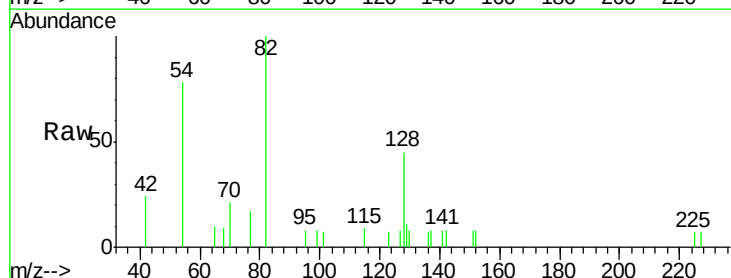
Tgt Ion: 82 Resp: 1645

Ion Ratio Lower Upper

82 100

128 45.1 34.8 52.2

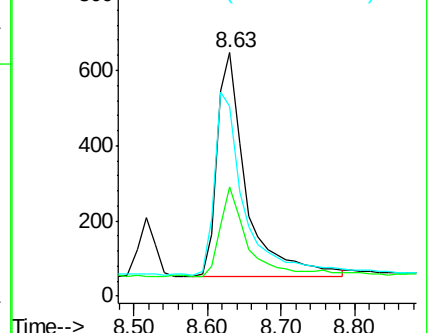
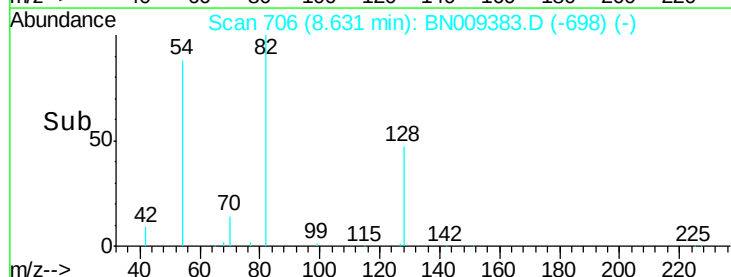
54 78.2 65.8 98.6

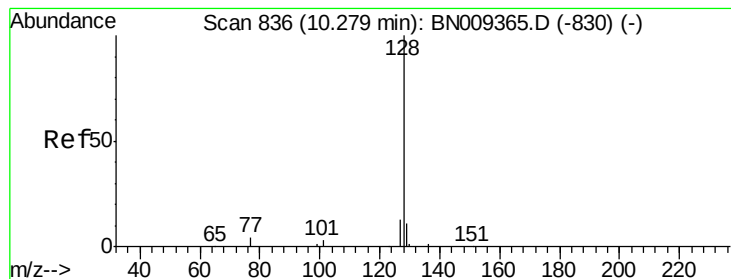


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

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SSTDCCC0.4

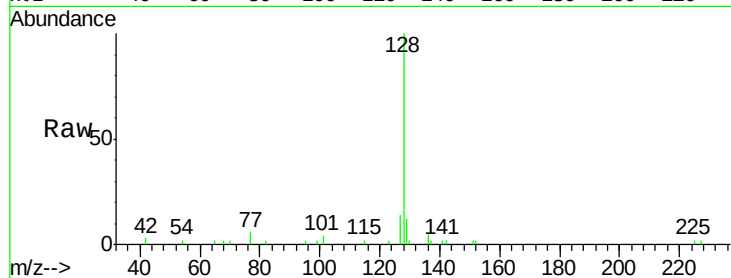
Tot Ion:128 Resp: 6021

Ion Ratio Lower Upper

128 100

129 12.4 10.4 15.6

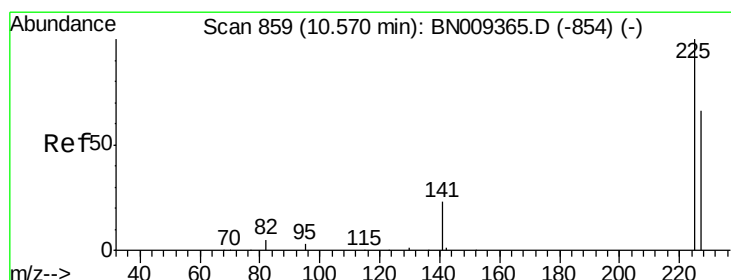
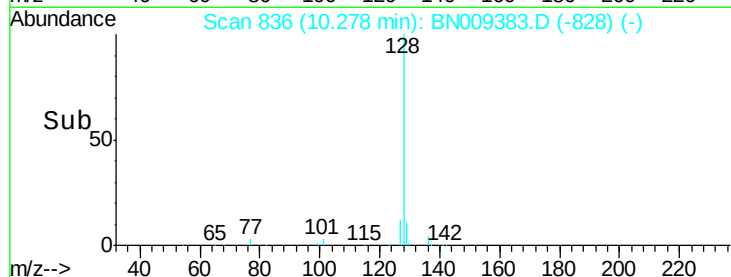
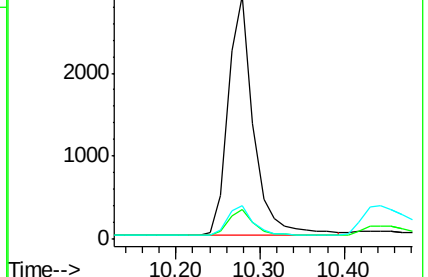
127 13.6 11.4 17.2



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: 0.401 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

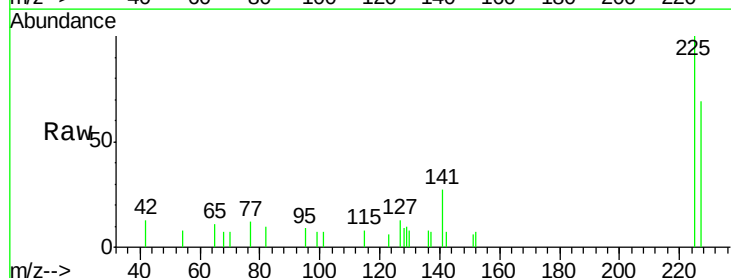
Tgt Ion:225 Resp: 1318

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

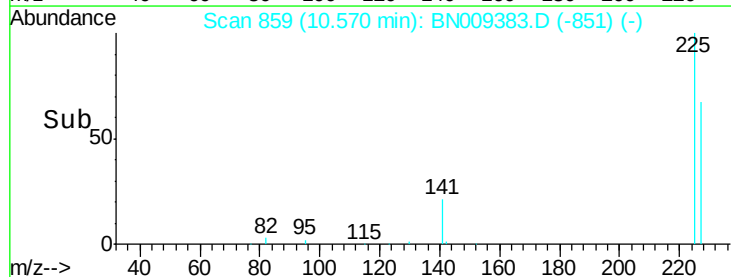
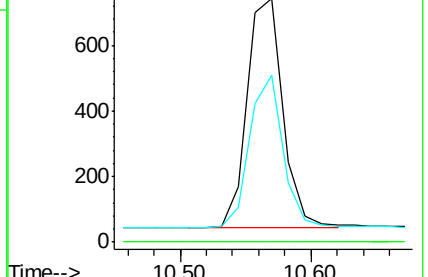
227 62.4 52.6 78.8

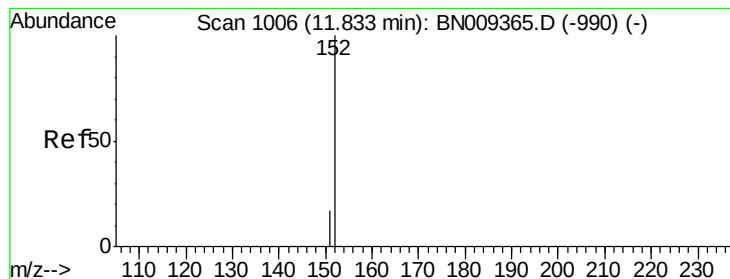


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

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ClientSampleId :

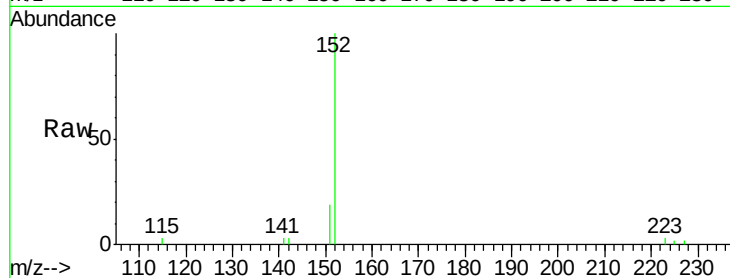
SSTDCCC0.4

Tot Ion:152 Resp: 4124

Ion Ratio Lower Upper

152 100

151 19.4 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.83

2000

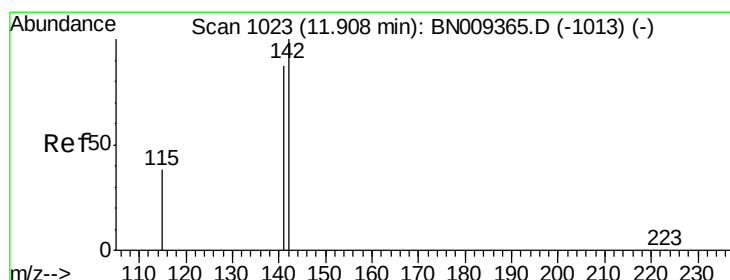
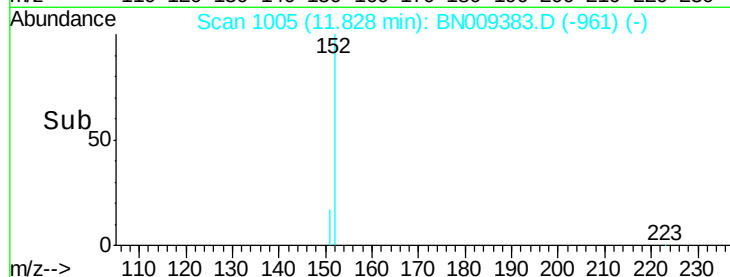
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 11.90 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

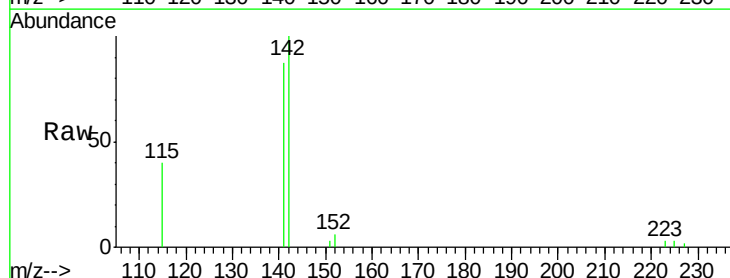
Tgt Ion:142 Resp: 4127

Ion Ratio Lower Upper

142 100

141 86.7 69.8 104.6

115 40.0 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

11.90

2500

2000

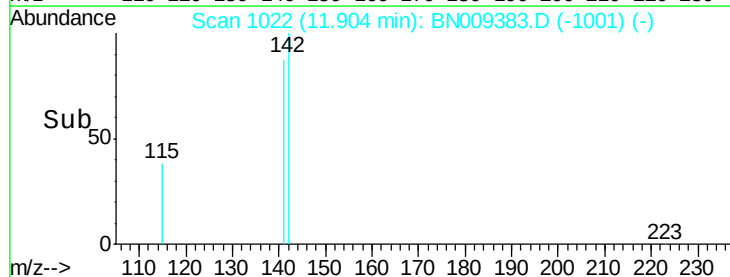
1500

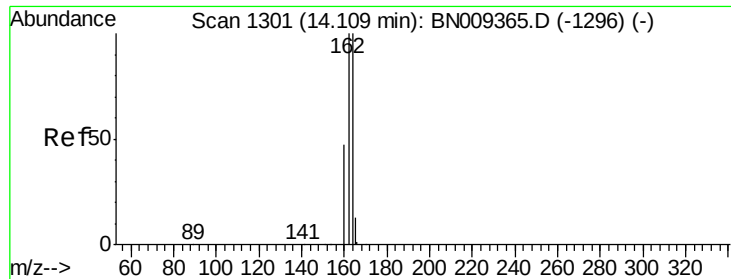
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

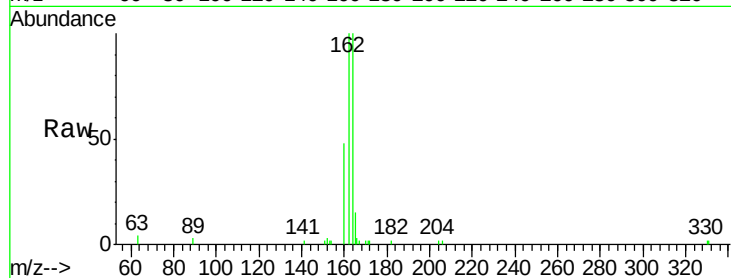
Tot Ion:164 Resp: 3370

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

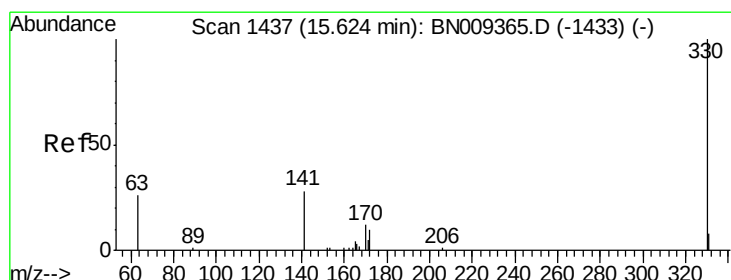
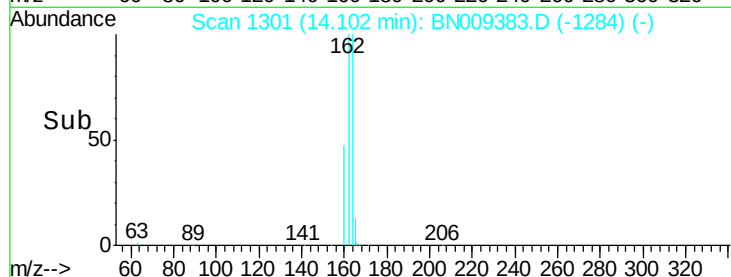
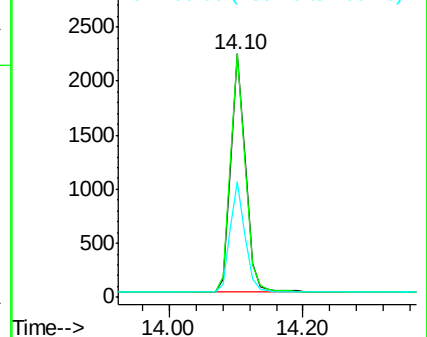
160 47.7 38.4 57.6



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: 0.368 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

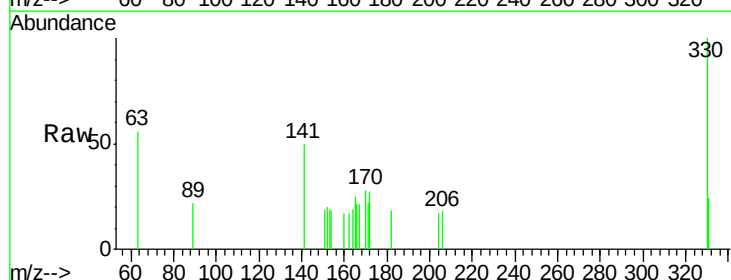
Tgt Ion:330 Resp: 469

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

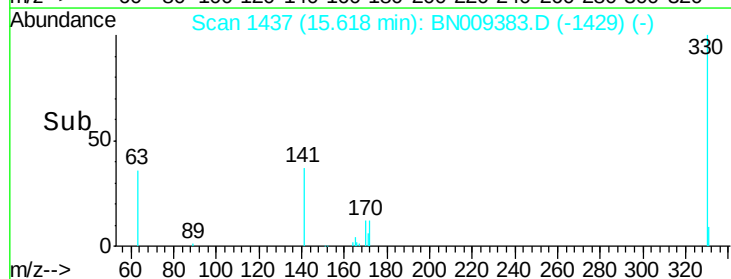
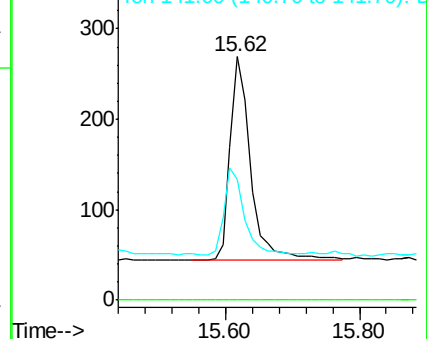
141 43.1 33.1 49.7

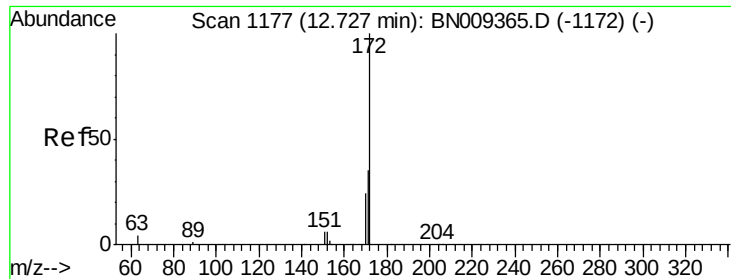


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

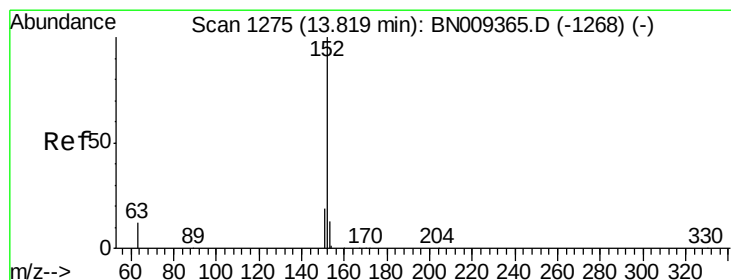
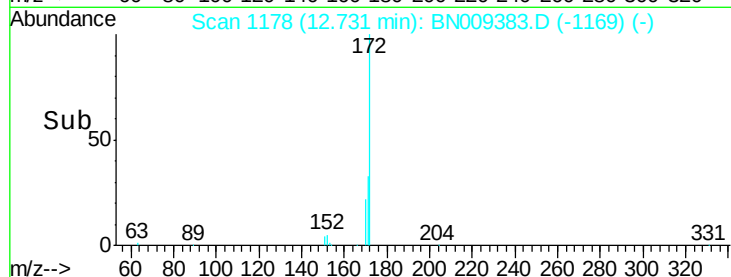
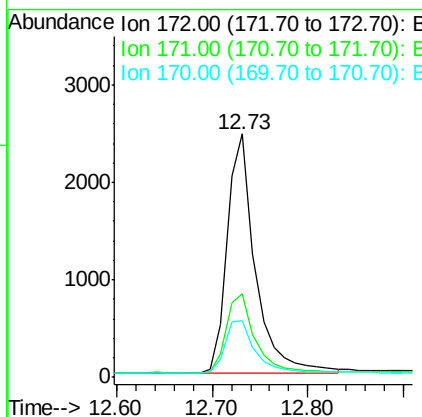
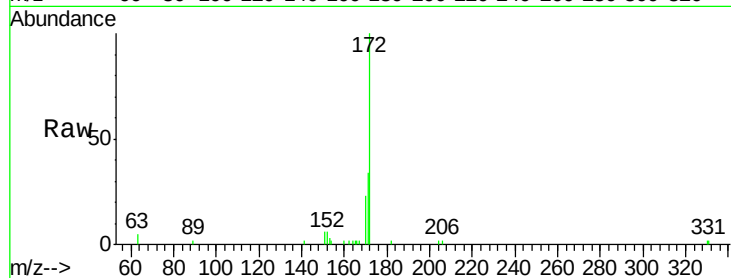




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

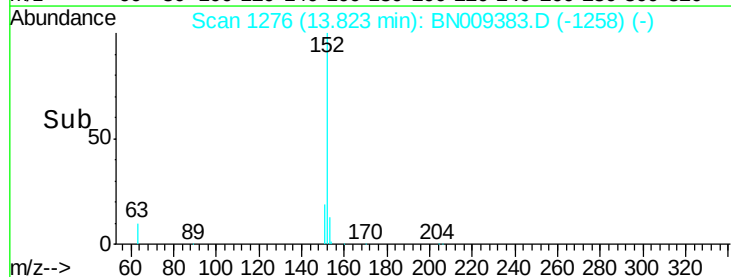
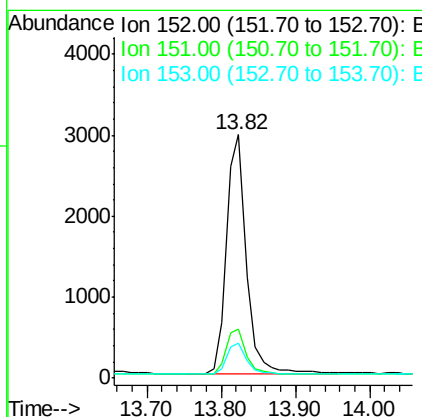
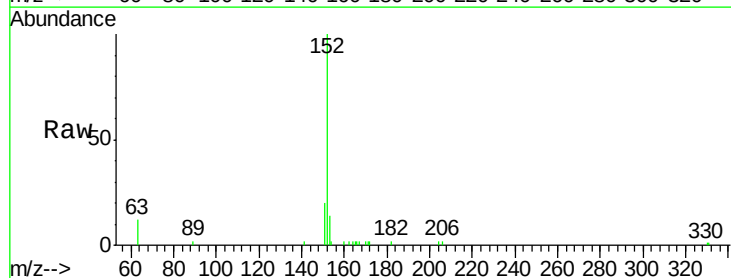
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

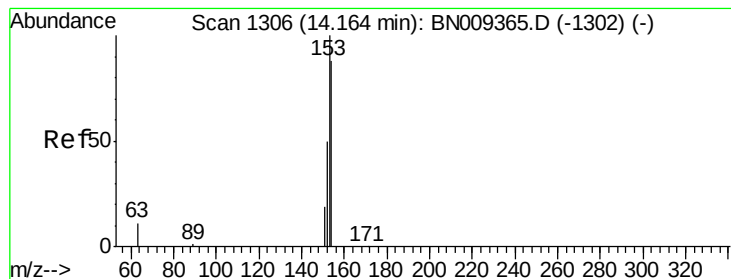
Tot Ion:172 Resp: 5021
Ion Ratio Lower Upper
172 100
171 34.5 29.5 44.3
170 23.1 20.7 31.1



#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009383.D
Acq: 16 Jan 2020 13:59

Tgt Ion:152 Resp: 5475
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

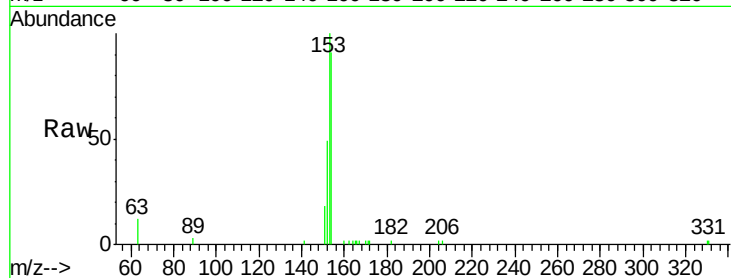
Tot Ion:154 Resp: 4109

Ion Ratio Lower Upper

154 100

153 110.9 90.5 135.7

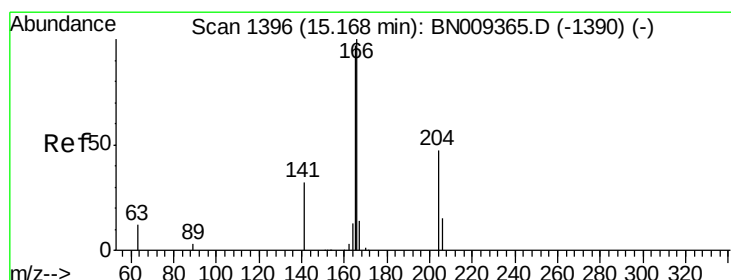
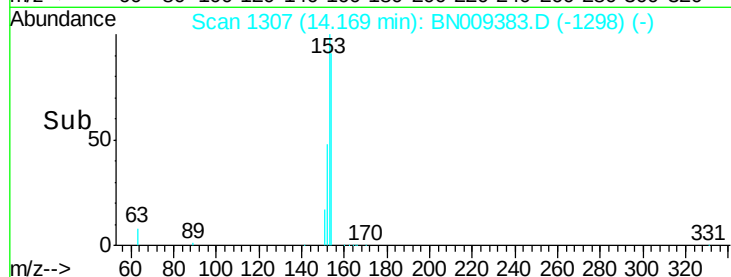
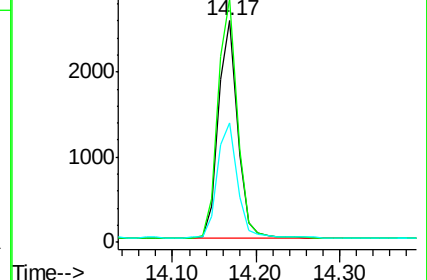
152 54.7 45.3 67.9



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: 0.399 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

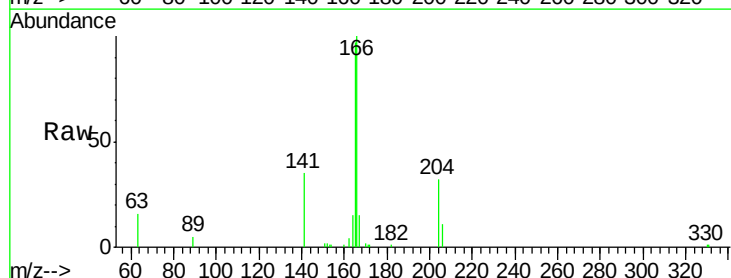
Tgt Ion:166 Resp: 5315

Ion Ratio Lower Upper

166 100

165 95.8 78.2 117.2

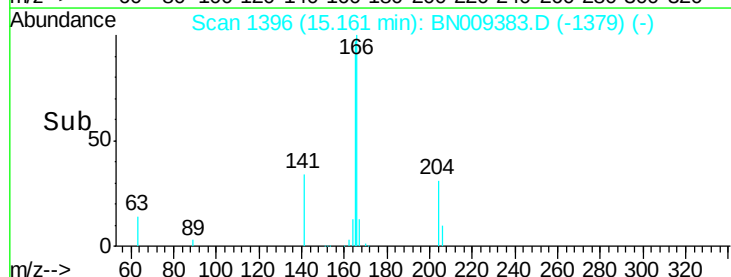
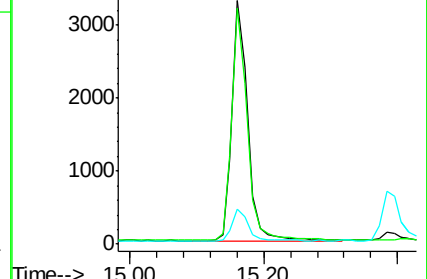
167 13.4 11.0 16.6

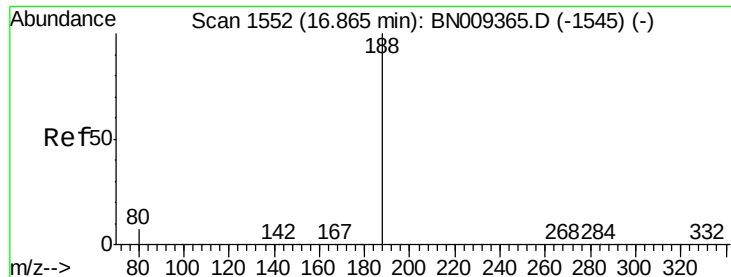


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.86 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

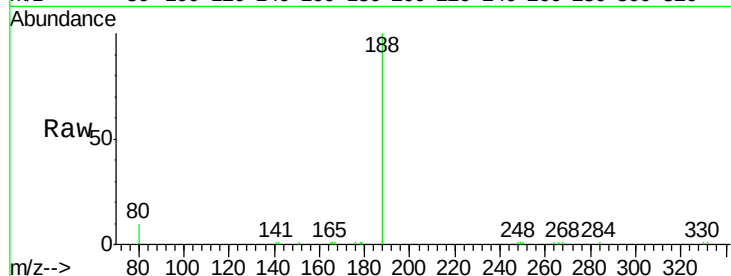
Tot Ion:188 Resp: 7265

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

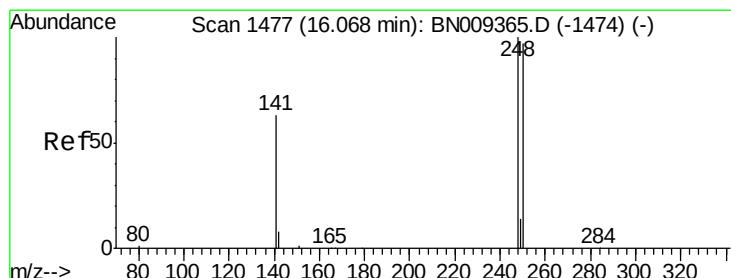
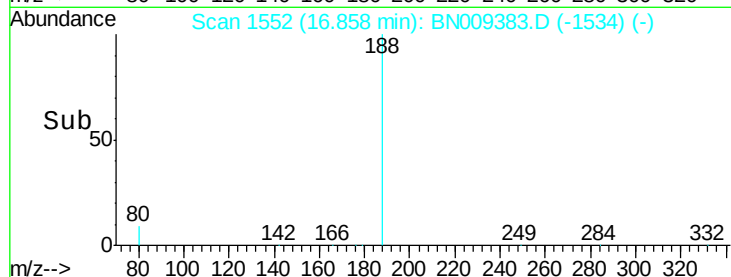
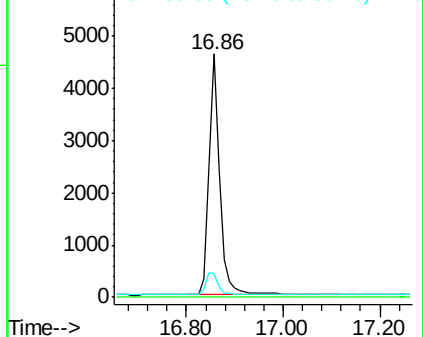
80 9.6 6.6 10.0



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: 0.381 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

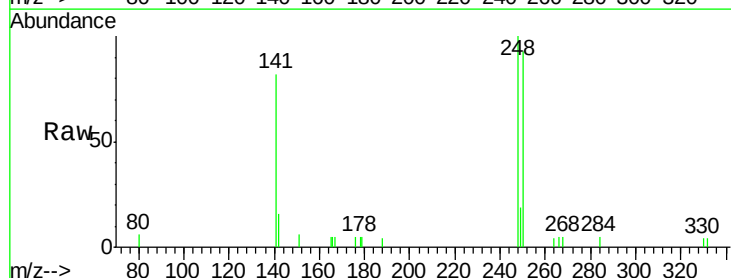
Tgt Ion:248 Resp: 1666

Ion Ratio Lower Upper

248 100

250 93.5 77.8 116.8

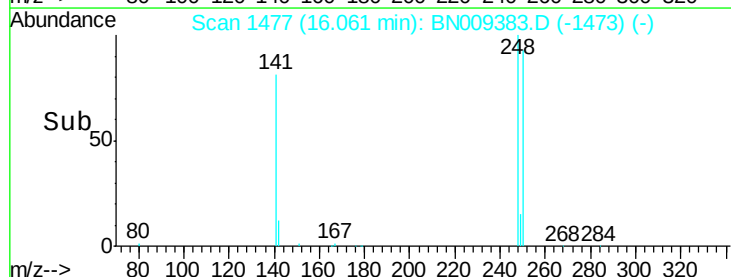
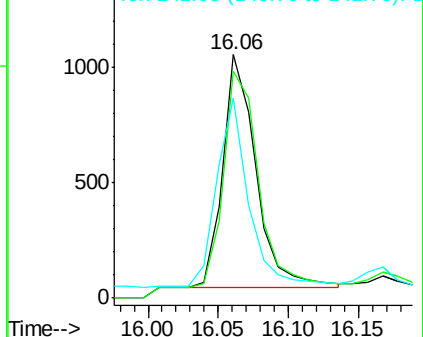
141 82.3 53.4 80.0#

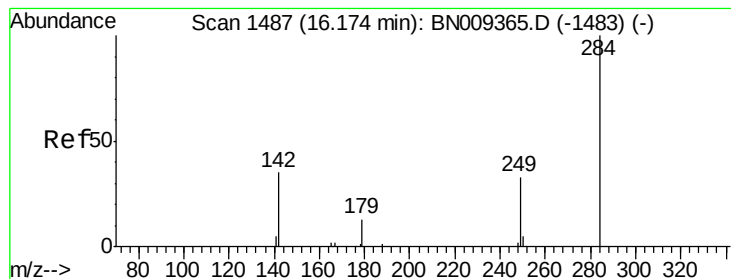


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.389 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

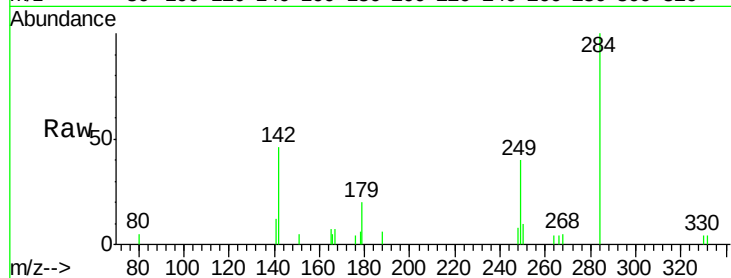
Tot Ion:284 Resp: 1814

Ion Ratio Lower Upper

284 100

142 42.6 33.8 50.8

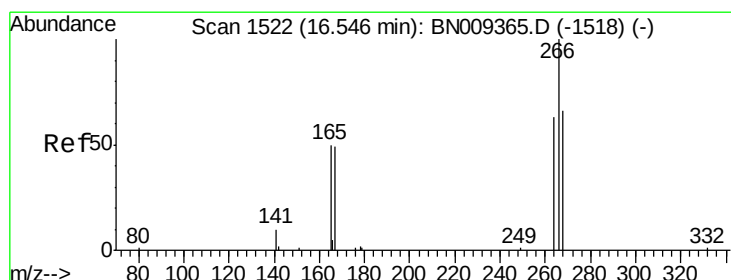
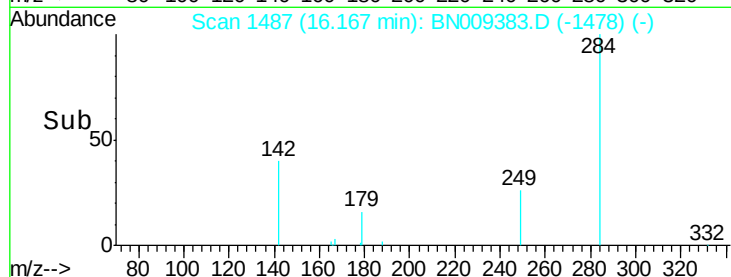
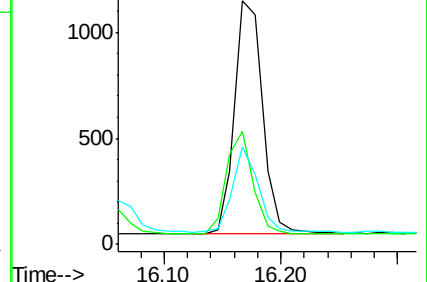
249 33.0 27.0 40.4



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



#22

Pentachlorophenol

Concen: 0.419 ng

RT: 16.55 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

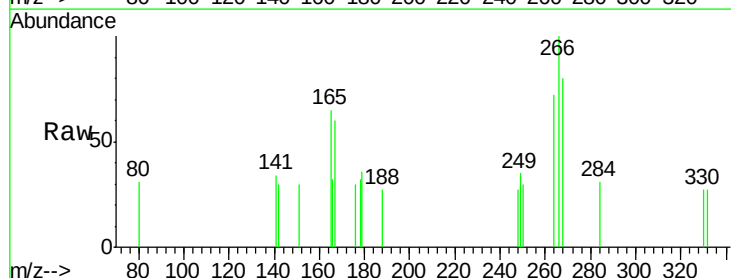
Tgt Ion:266 Resp: 448

Ion Ratio Lower Upper

266 100

264 72.0 57.8 86.6

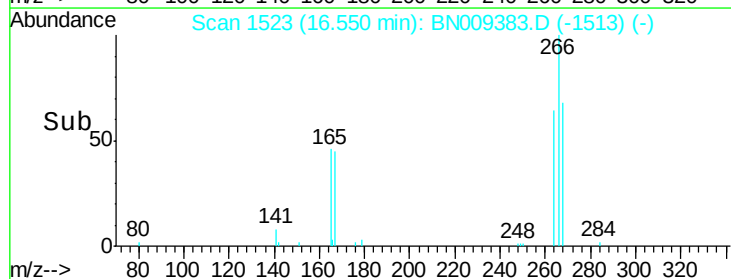
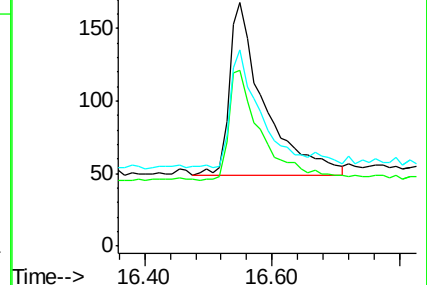
268 80.4 63.8 95.6

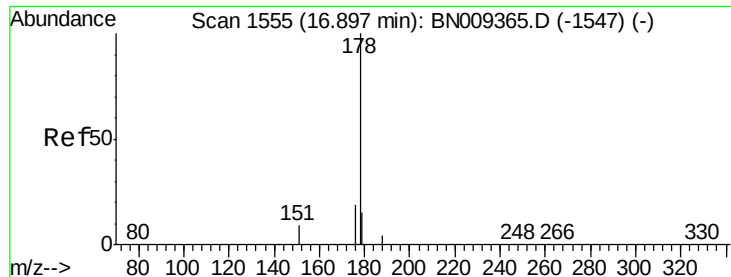


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.394 ng

RT: 16.90 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

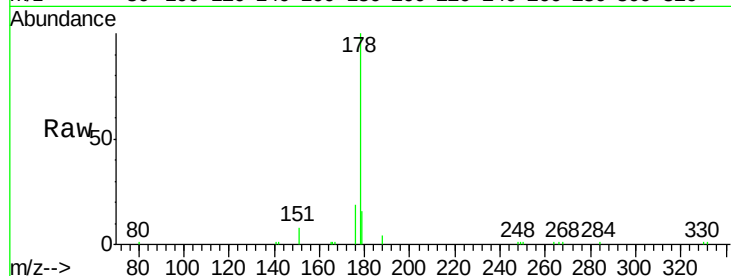
Tot Ion:178 Resp: 8593

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

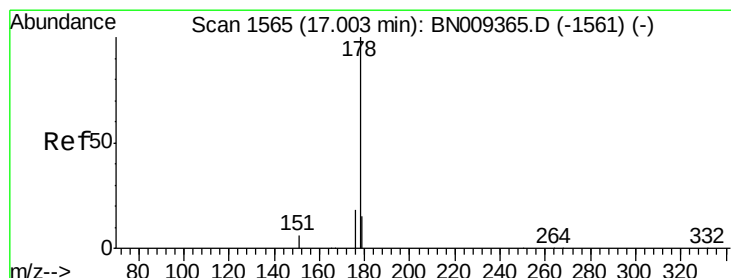
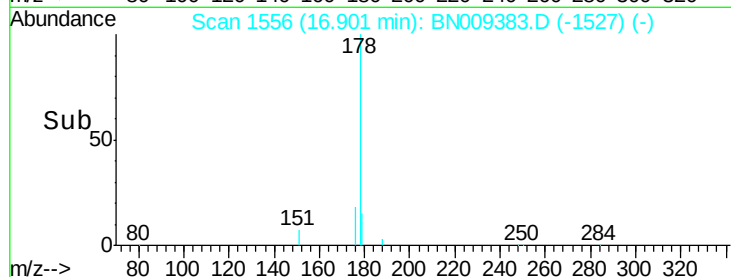
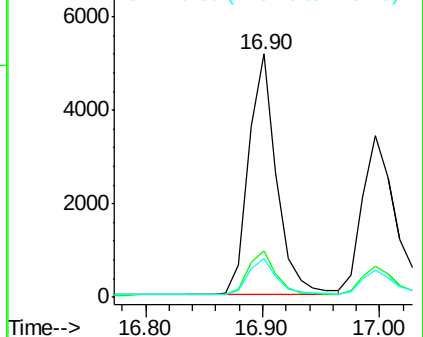
179 15.3 12.3 18.5



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: 0.378 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

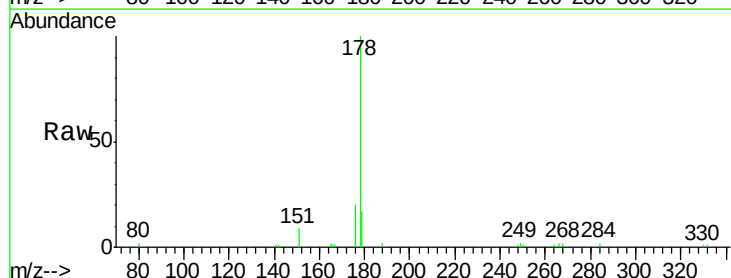
Tgt Ion:178 Resp: 6928

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

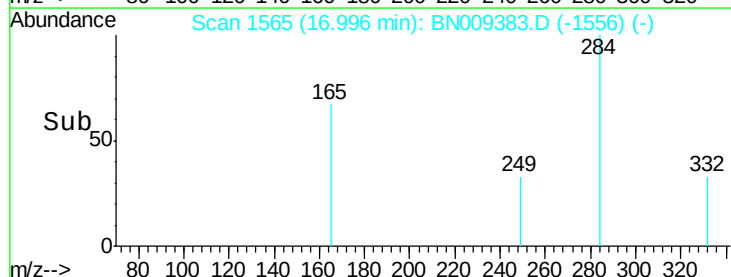
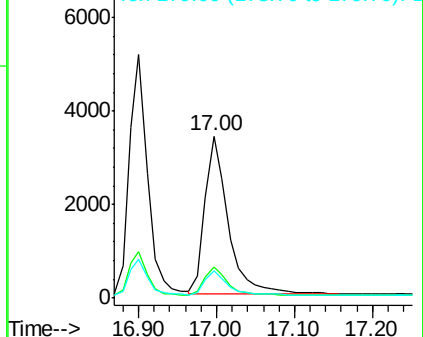
179 14.9 12.5 18.7

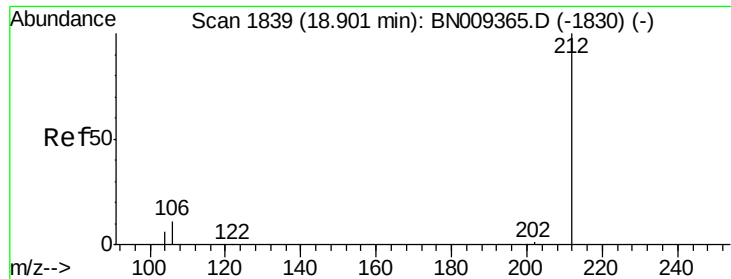


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 18.90 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

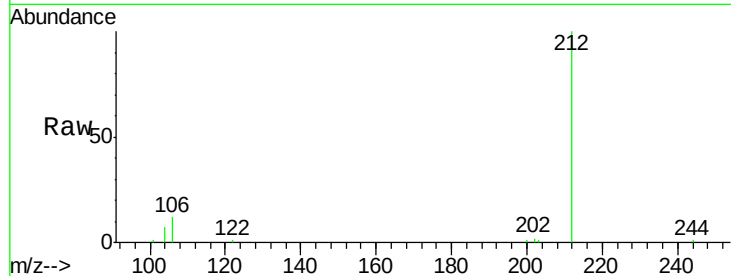
Tot Ion:212 Resp: 9557

Ion Ratio Lower Upper

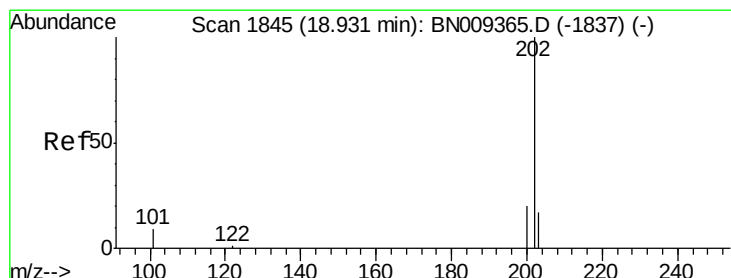
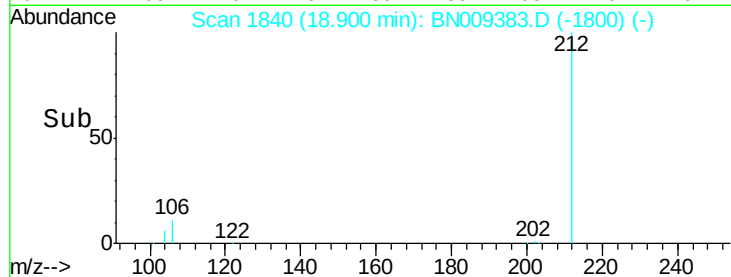
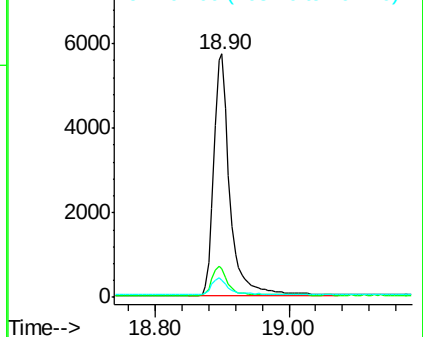
212 100

106 11.9 9.2 13.8

104 7.0 5.4 8.0



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: 0.383 ng

RT: 18.93 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

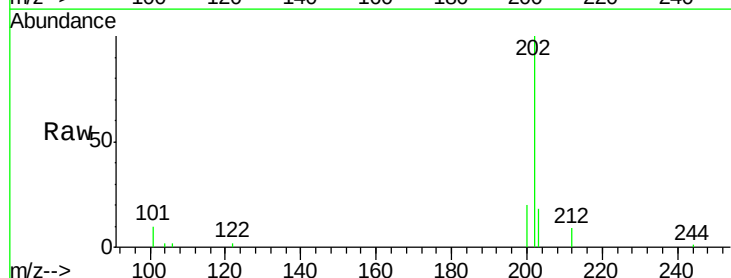
Tgt Ion:202 Resp: 9799

Ion Ratio Lower Upper

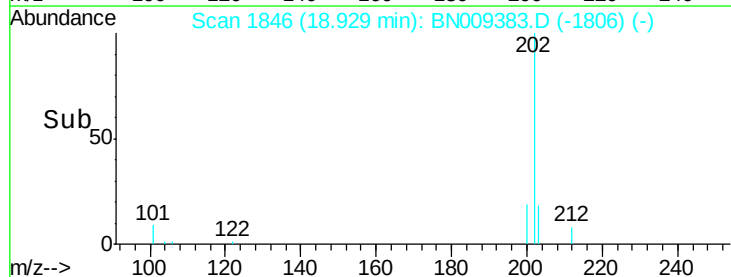
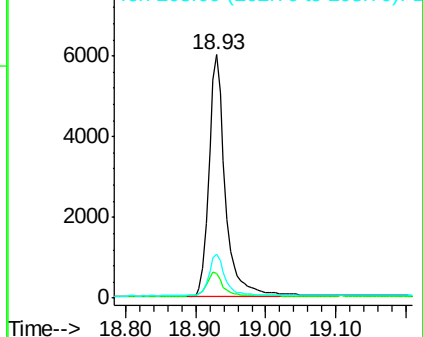
202 100

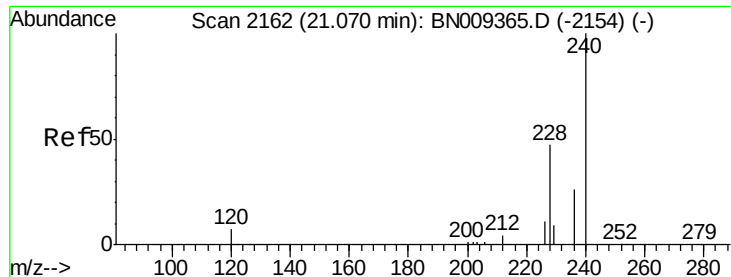
101 10.0 8.0 12.0

203 16.9 13.5 20.3



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: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

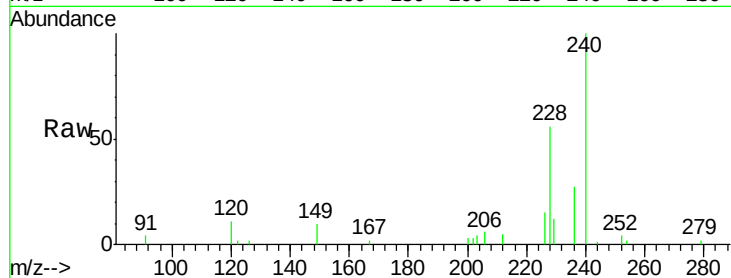
Tot Ion:240 Resp: 6422

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

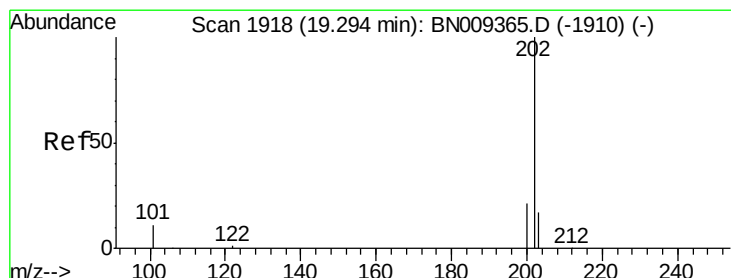
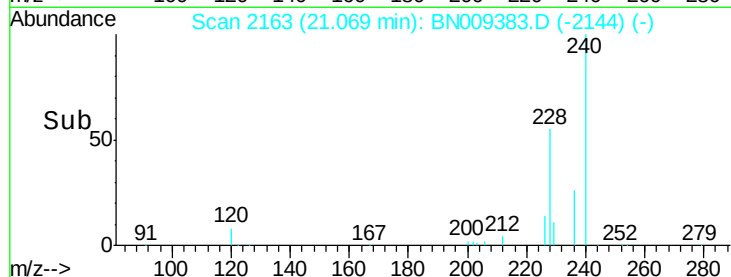
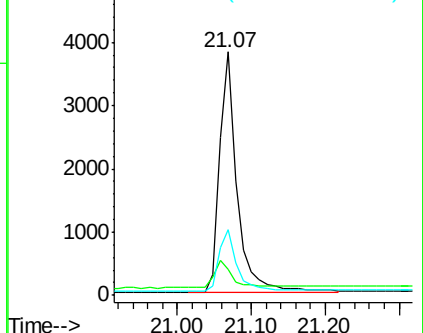
236 27.1 22.2 33.4



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: 0.407 ng

RT: 19.29 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

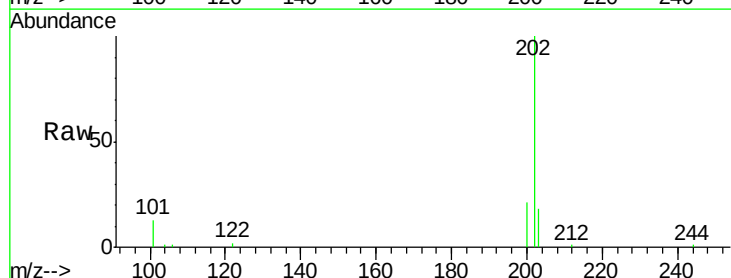
Tgt Ion:202 Resp: 9905

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

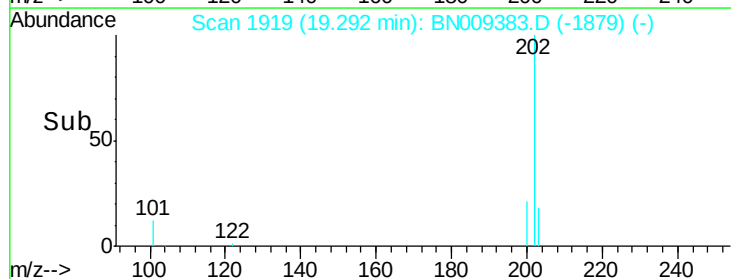
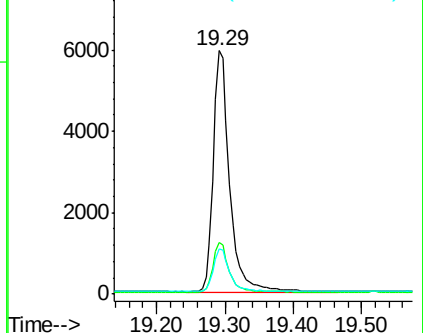
203 17.6 14.1 21.1

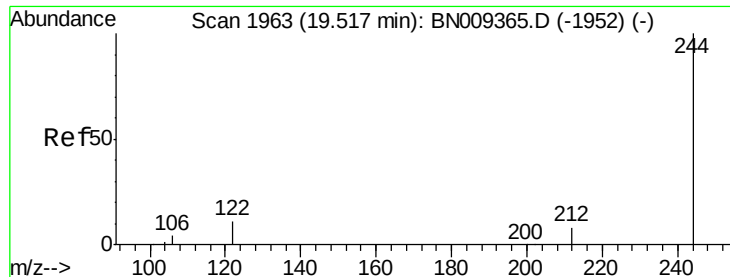


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

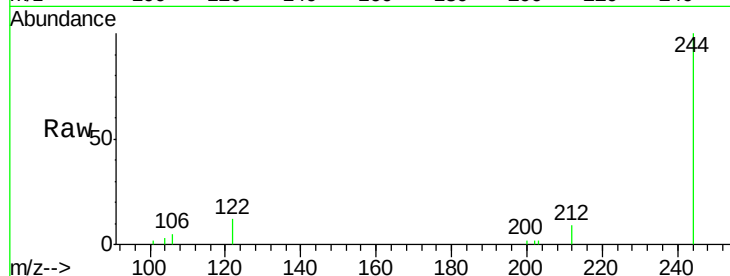
Tot Ion:244 Resp: 6103

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

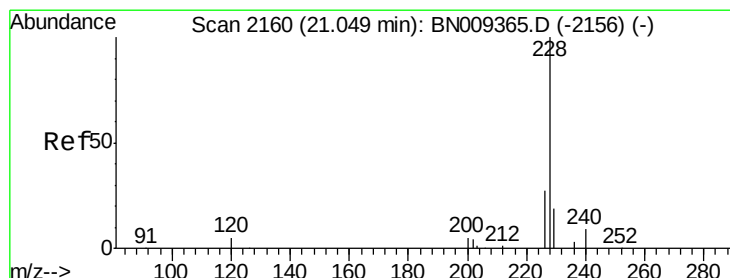
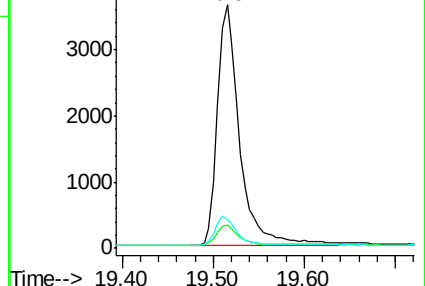
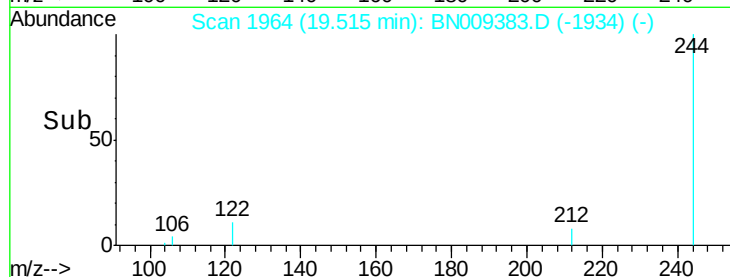
122 12.0 9.8 14.6



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: 0.378 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

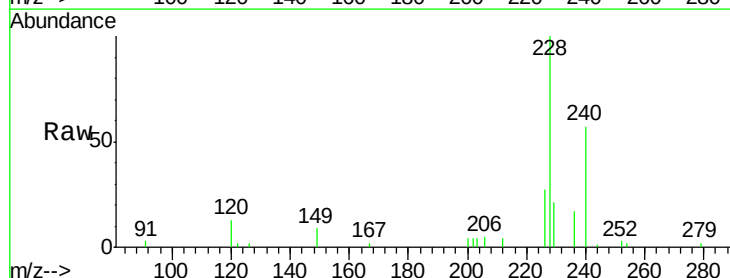
Tgt Ion:228 Resp: 7982

Ion Ratio Lower Upper

228 100

226 26.7 22.5 33.7

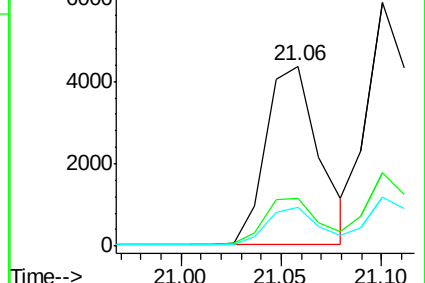
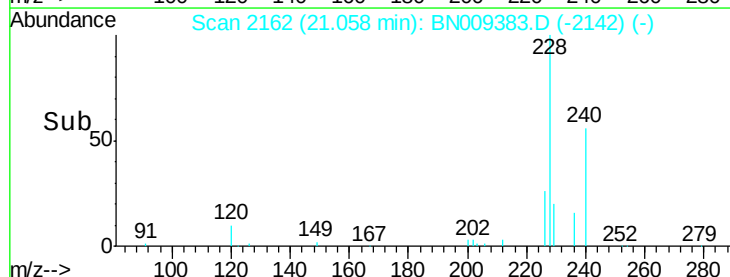
229 21.4 16.1 24.1

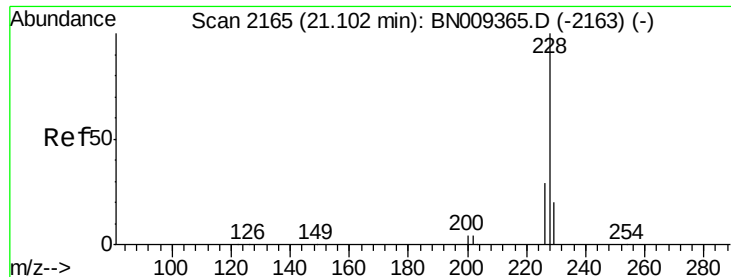


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

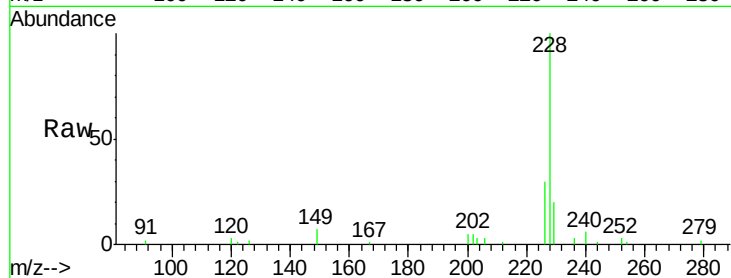
Tot Ion:228 Resp: 9864

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

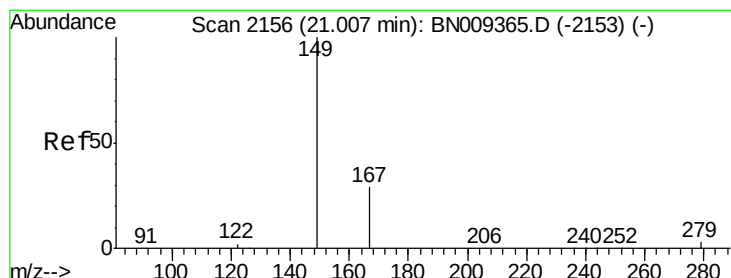
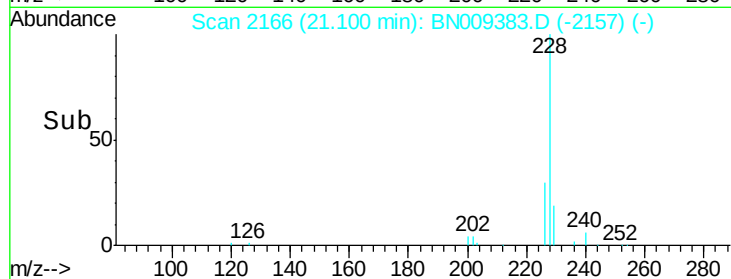
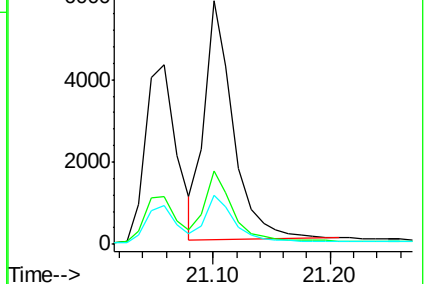
229 20.1 16.6 24.8



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: 0.378 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

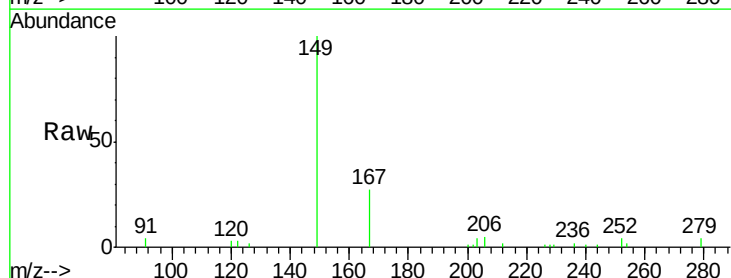
Tgt Ion:149 Resp: 3529

Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

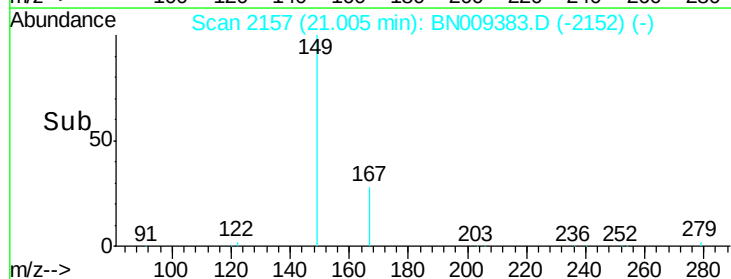
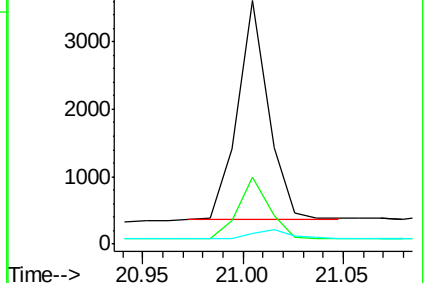
279 4.4 3.4 5.0

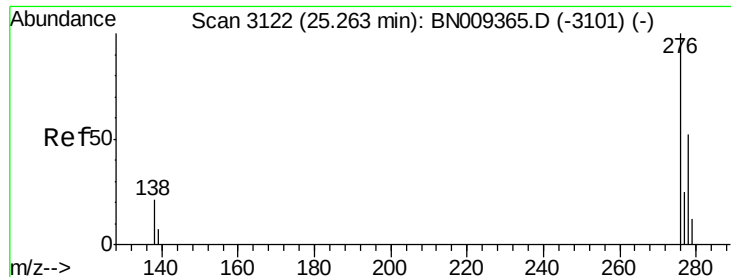


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

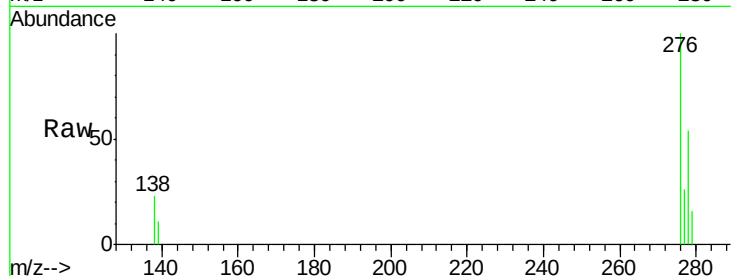




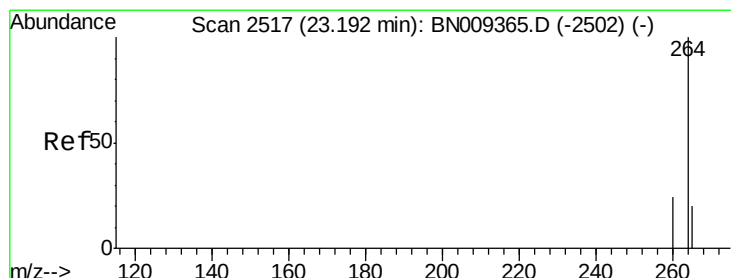
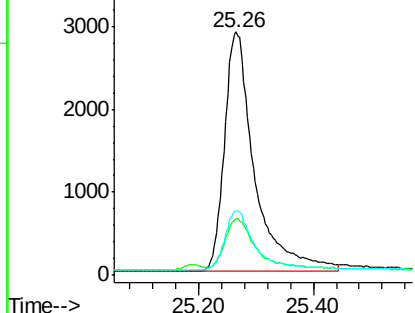
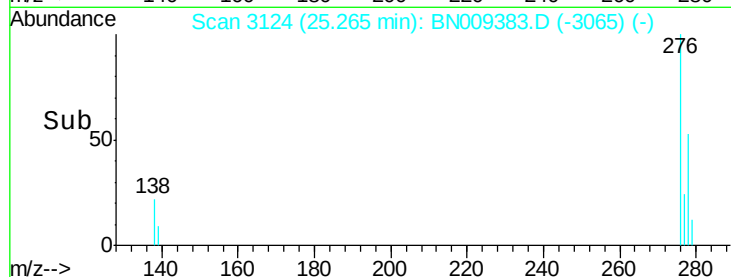
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.419 ng
 RT: 25.26 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BN009383.D
 Acq: 16 Jan 2020 13:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 10533
 Ion Ratio Lower Upper
 276 100
 138 20.9 15.9 23.9
 277 24.5 19.8 29.6

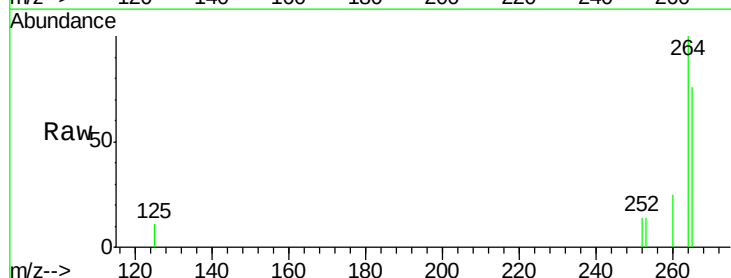


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

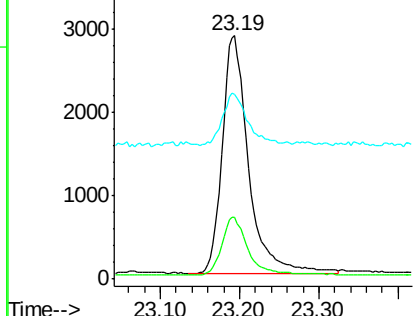
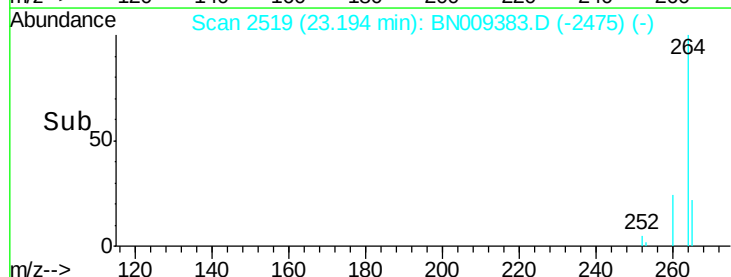


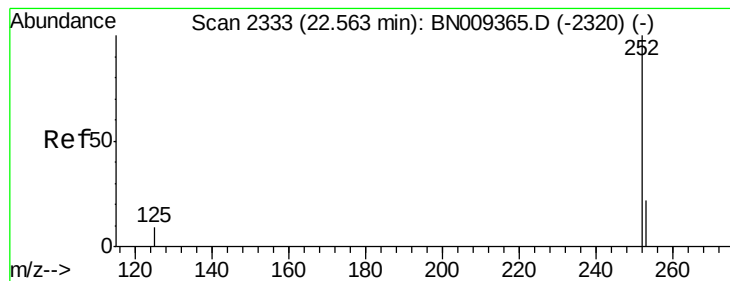
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BN009383.D
 Acq: 16 Jan 2020 13:59

Tgt Ion:264 Resp: 6597
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 76.1 68.2 102.4



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: 0.377 ng

RT: 22.56 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

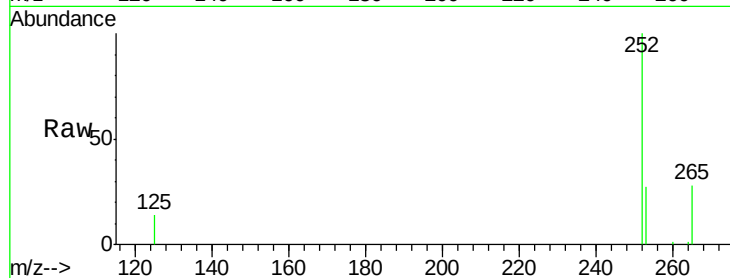
Tot Ion:252 Resp: 9138

Ion Ratio Lower Upper

252 100

253 27.1 22.4 33.6

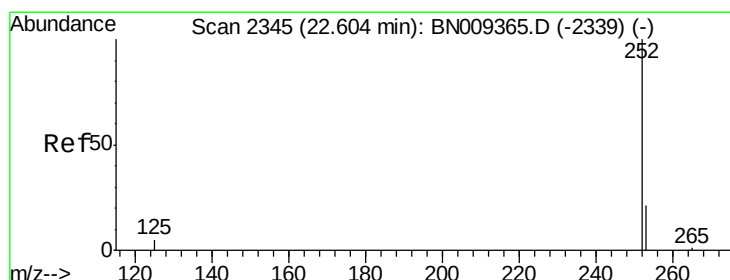
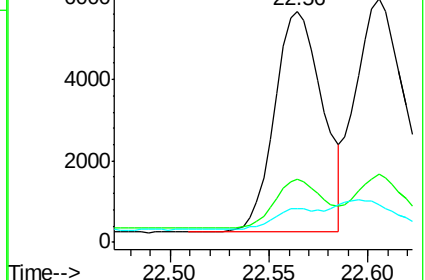
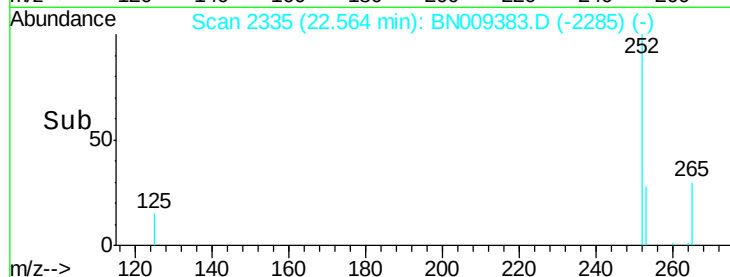
125 14.3 11.6 17.4



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: 0.420 ng

RT: 22.61 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

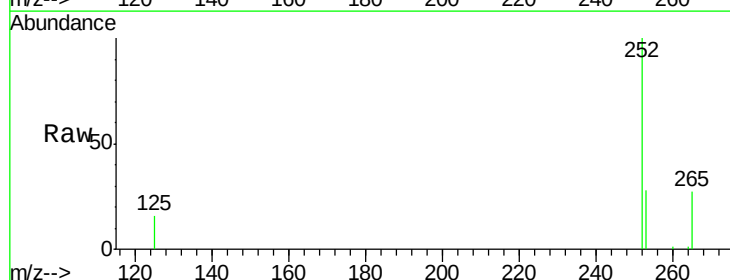
Tgt Ion:252 Resp: 11243

Ion Ratio Lower Upper

252 100

253 28.1 21.9 32.9

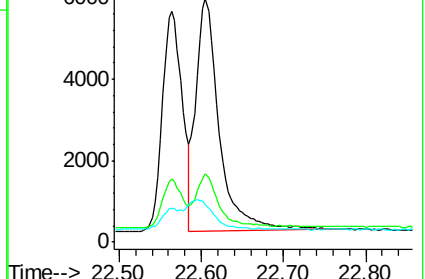
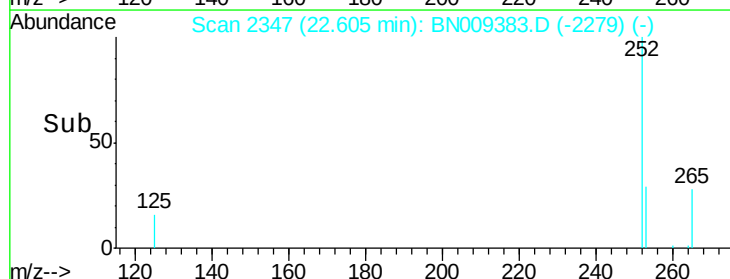
125 15.6 12.0 18.0

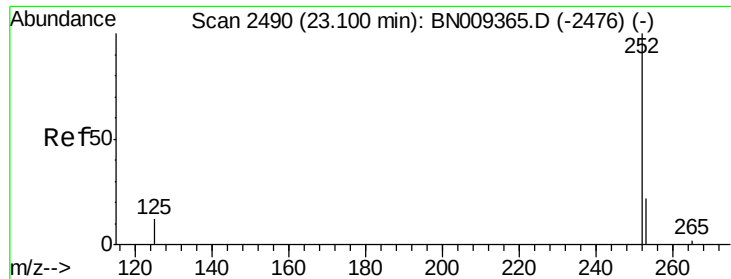


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

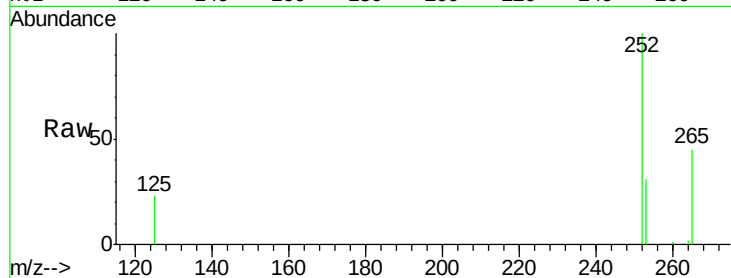
Tot Ion:252 Resp: 8552

Ion Ratio Lower Upper

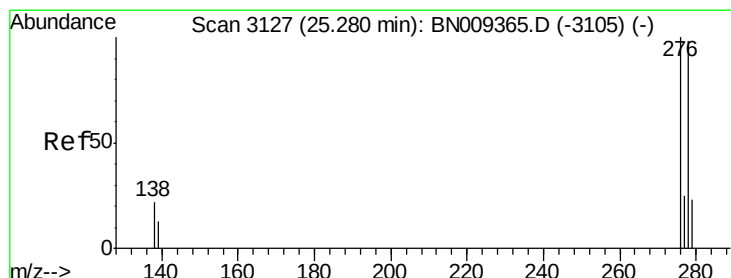
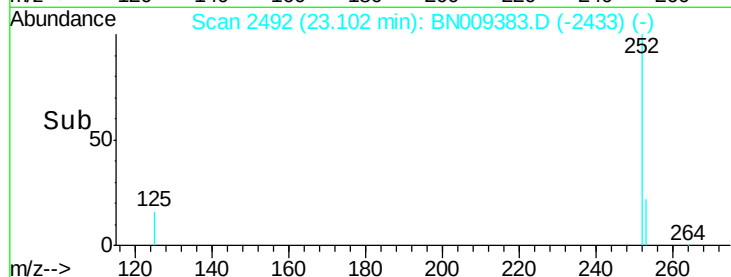
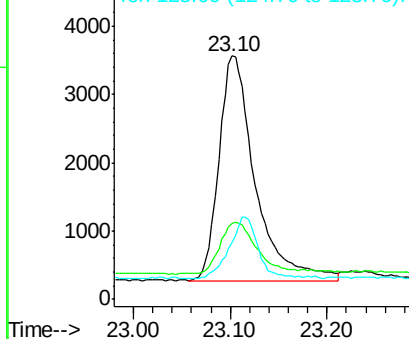
252 100

253 31.0 25.4 38.0

125 23.1 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: 0.386 ng

RT: 25.28 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

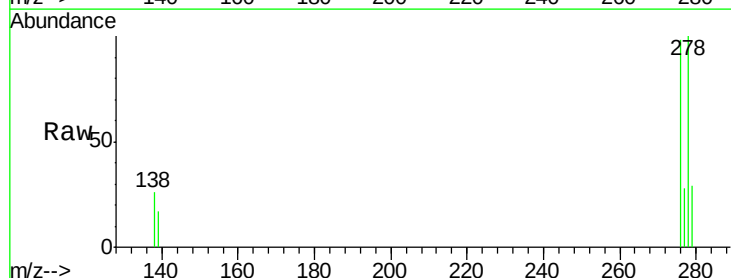
Tgt Ion:278 Resp: 8300

Ion Ratio Lower Upper

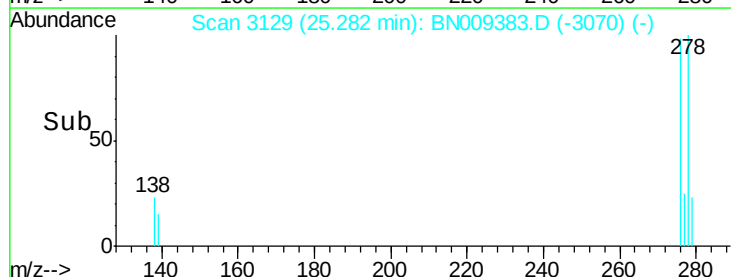
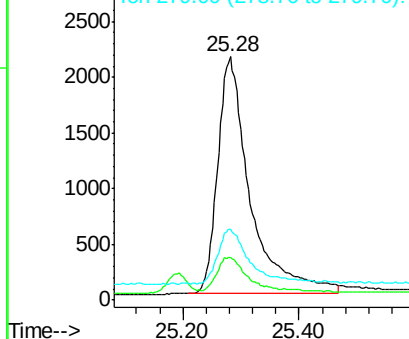
278 100

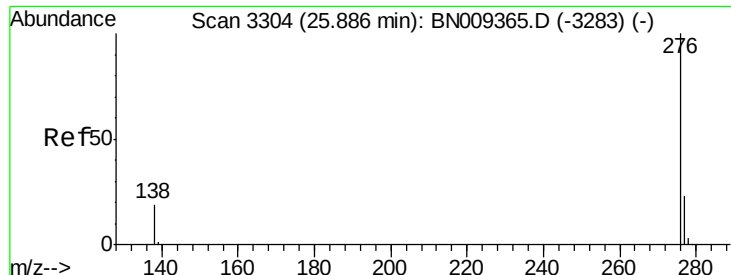
139 17.4 14.5 21.7

279 29.0 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: 0.389 ng

RT: 25.89 min Scan# 3307

Delta R.T. 0.01 min

Lab File: BN009383.D

Acq: 16 Jan 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

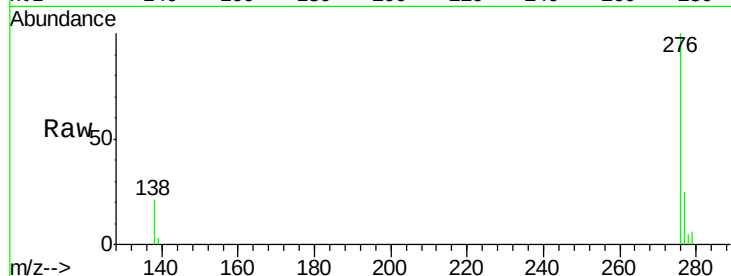
Tot Ion: 276 Resp: 9197

Ion Ratio Lower Upper

276 100

277 25.3 20.6 30.8

138 21.0 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

