

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
 Data File : BN009405.D
 Acq On : 20 Jan 2020 16:38
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 20 17:51:16 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	1254	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4443	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	2918	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6476	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5373	0.40	ng	0.00
34) Perylene-d12	23.19	264	5372	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1029	0.36	ng	0.00
5) Phenol-d6	6.67	99	1188	0.36	ng	0.00
8) Nitrobenzene-d5	8.62	82	1233	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	11.83	152	3287	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	373	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	4137	0.38	ng	0.00
25) Fluoranthene-d10	18.90	212	8000	0.36	ng	0.00
29) Terphenyl-d14	19.52	244	4946	0.39	ng	0.00

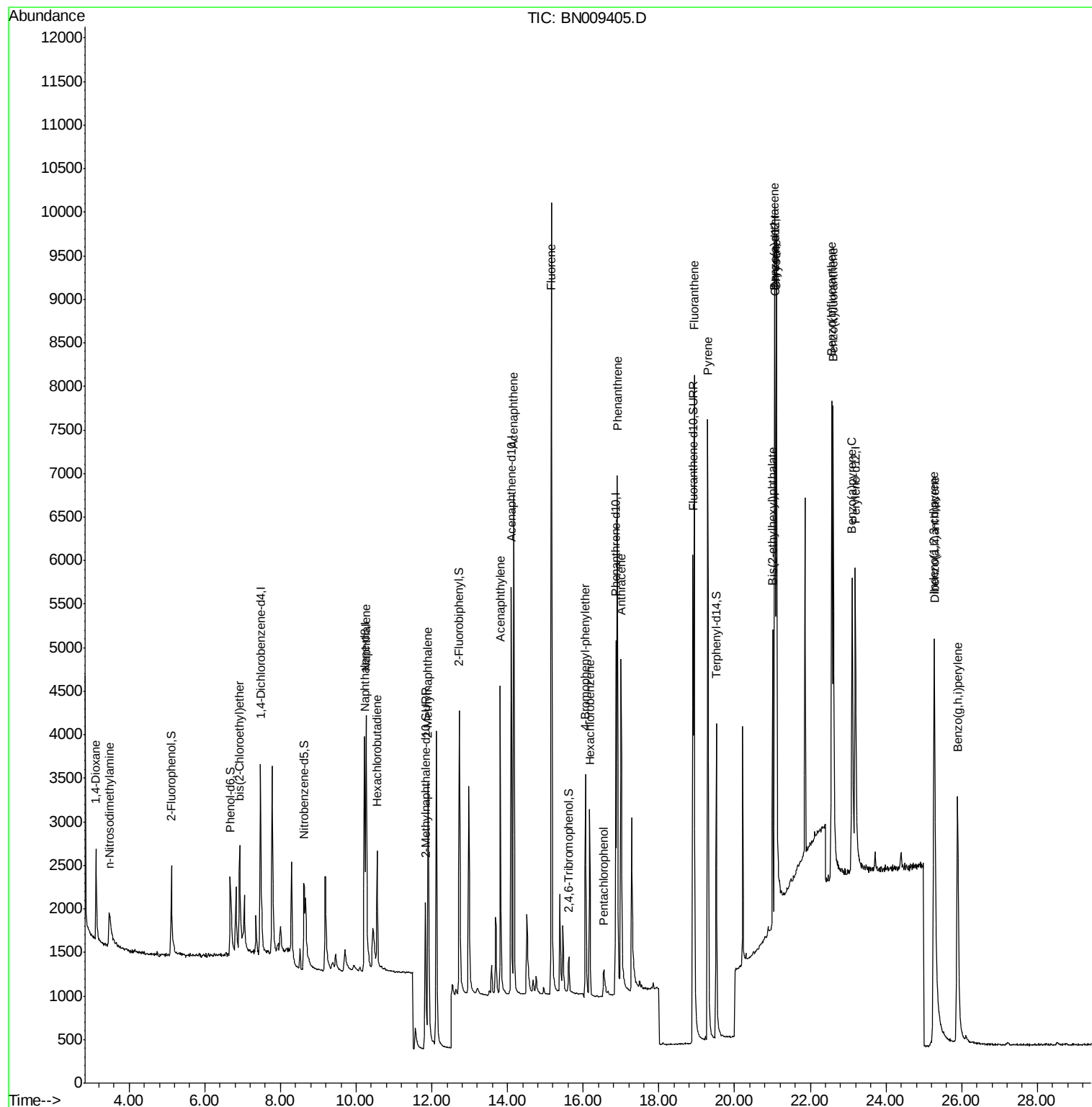
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	529	0.404	ng	97
3) n-Nitrosodimethylamine	3.47	42	728	0.360	ng	# 96
6) bis(2-Chloroethyl)ether	6.92	93	1167	0.339	ng	99
9) Naphthalene	10.27	128	4655	0.387	ng	98
10) Hexachlorobutadiene	10.56	225	1050	0.398	ng	# 98
12) 2-Methylnaphthalene	11.90	142	3238	0.386	ng	99
16) Acenaphthylene	13.81	152	4391	0.349	ng	100
17) Acenaphthene	14.16	154	3339	0.377	ng	99
18) Fluorene	15.16	166	4475	0.388	ng	98
20) 4-Bromophenyl-phenylether	16.06	248	1438	0.369	ng	97
21) Hexachlorobenzene	16.17	284	1526	0.368	ng	98
22) Pentachlorophenol	16.55	266	339	0.378	ng	96
23) Phenanthrene	16.90	178	7181	0.369	ng	100
24) Anthracene	17.00	178	5721	0.350	ng	99
26) Fluoranthene	18.93	202	8138	0.357	ng	100
28) Pyrene	19.29	202	8217	0.404	ng	100
30) Benzo(a)anthracene	21.06	228	6136	0.347	ng	98
31) Chrysene	21.10	228	8177	0.405	ng	98
32) Bis(2-ethylhexyl)phthalate	21.00	149	2896	0.371	ng	98
33) Indeno(1,2,3-cd)pyrene	25.27	276	7933	0.378	ng	98
35) Benzo(b)fluoranthene	22.56	252	7092	0.359	ng	99
36) Benzo(k)fluoranthene	22.61	252	8497	0.390	ng	98
37) Benzo(a)pyrene	23.10	252	6481	0.373	ng	99
38) Dibenzo(a,h)anthracene	25.28	278	6227	0.356	ng	98
39) Benzo(g,h,i)perylene	25.89	276	7192	0.374	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: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

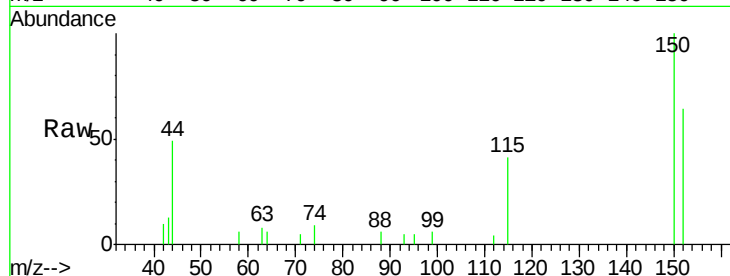
Tot Ion:152 Resp: 1254

Ion Ratio Lower Upper

152 100

150 156.9 125.7 188.5

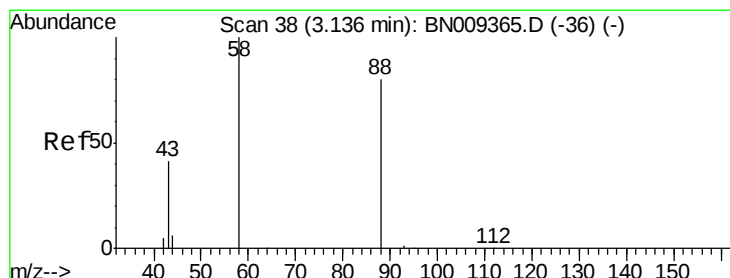
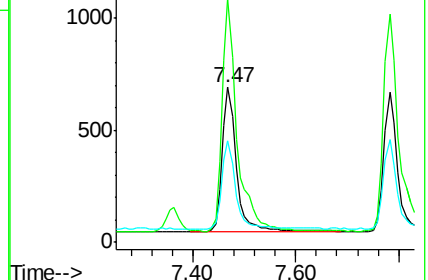
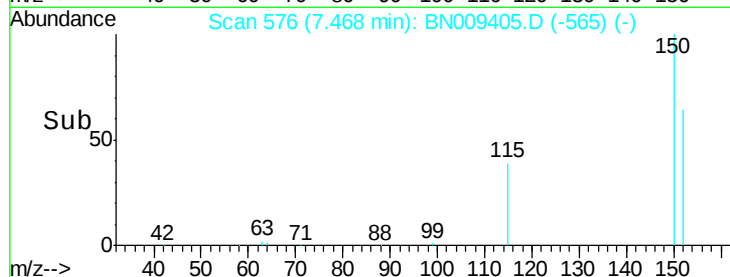
115 65.1 53.3 79.9



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: 0.404 ng

RT: 3.13 min Scan# 37

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

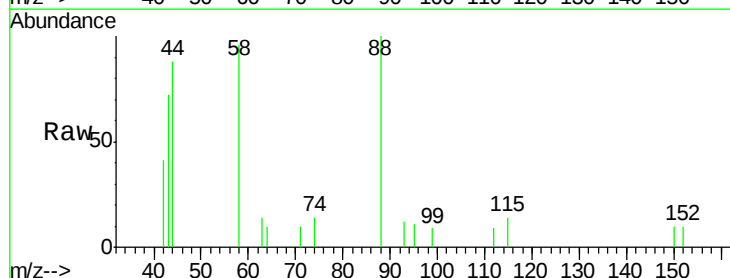
Tgt Ion: 88 Resp: 529

Ion Ratio Lower Upper

88 100

58 121.7 100.2 150.2

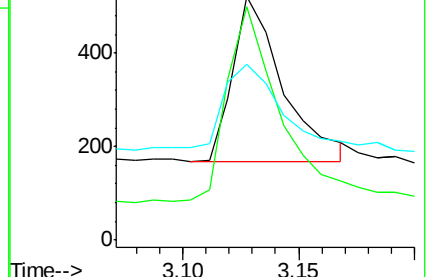
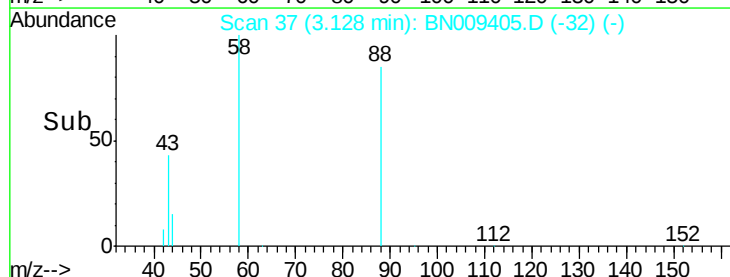
43 54.8 43.1 64.7

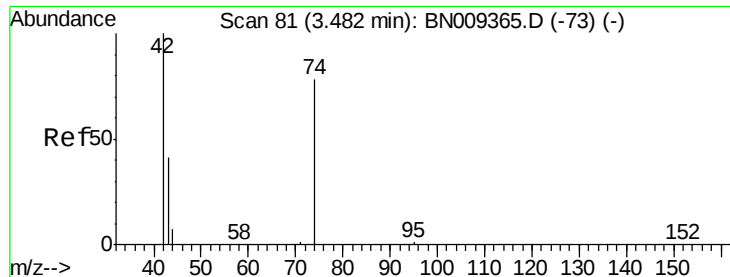


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



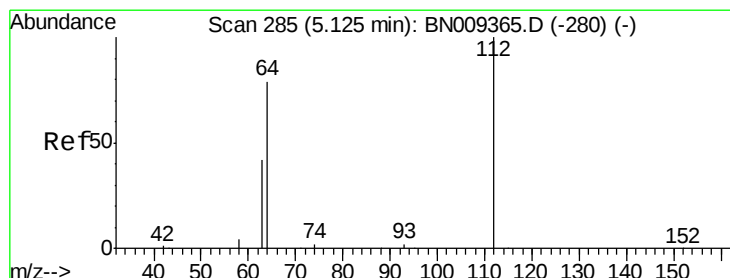
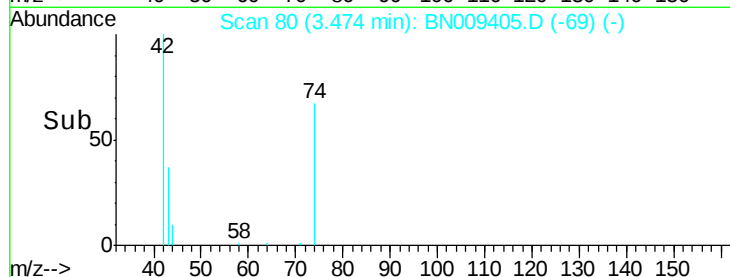
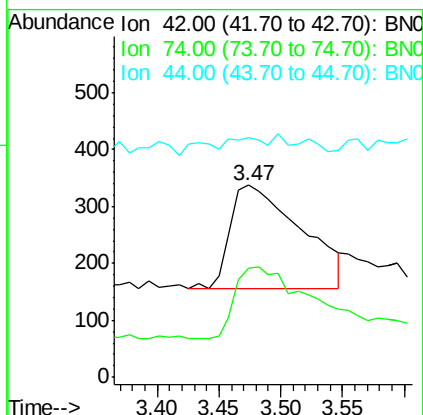
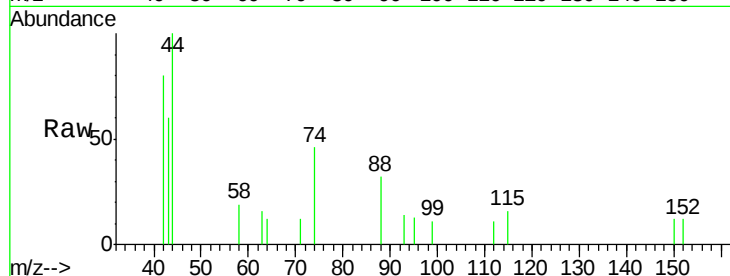


#3

n-Nitrosodimethylamine
 Concen: 0.360 ng
 RT: 3.47 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BN009405.D
 Acq: 20 Jan 2020 16:38

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

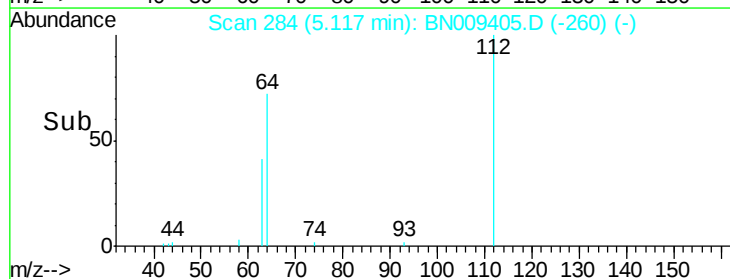
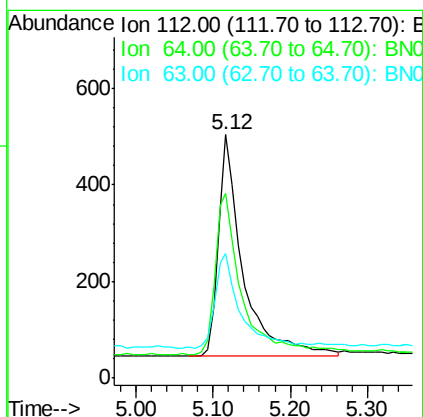
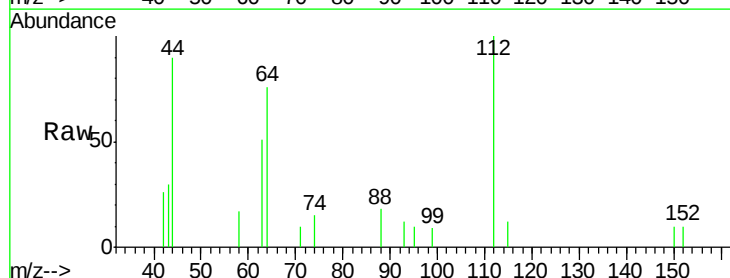
Tot Ion: 42 Resp: 728
 Ion Ratio Lower Upper
 42 100
 74 69.0 55.8 83.8
 44 5.8 11.1 16.7#

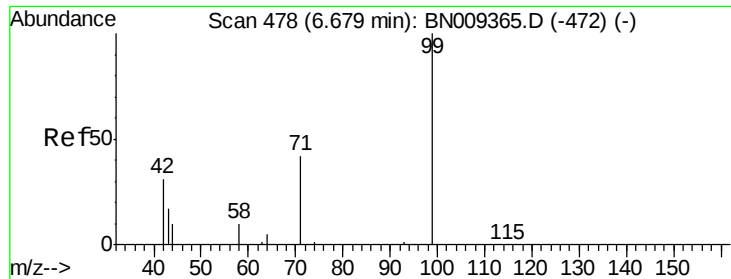


#4

2-Fluorophenol
 Concen: 0.357 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009405.D
 Acq: 20 Jan 2020 16:38

Tgt Ion: 112 Resp: 1029
 Ion Ratio Lower Upper
 112 100
 64 80.5 61.5 92.3
 63 44.0 35.0 52.4





#5

Phenol-d6

Concen: 0.356 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

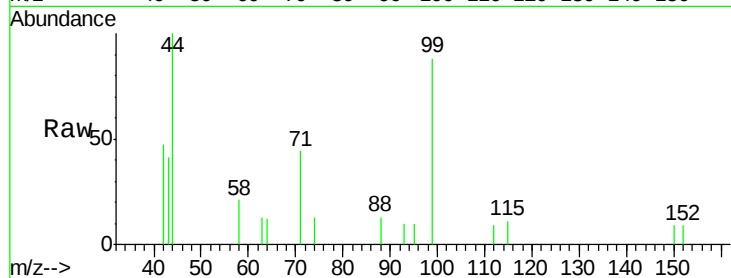
Tot Ion: 99 Resp: 1188

Ion Ratio Lower Upper

99 100

42 33.6 27.6 41.4

71 41.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009365.D (-472) (-)

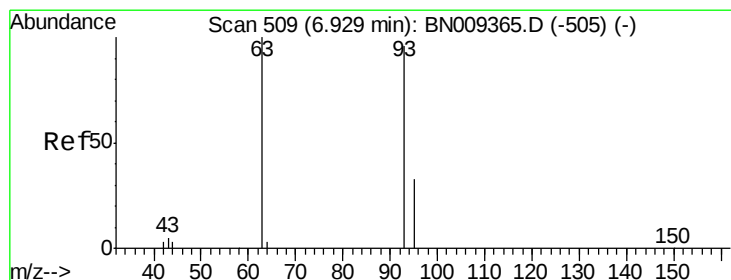
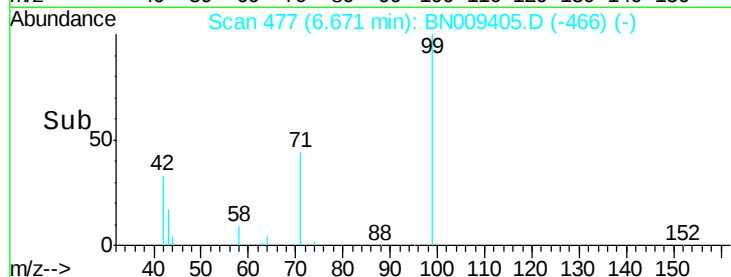
Ion 42.00 (41.70 to 42.70): BN009365.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009365.D (-472) (-)

Time-->

6.67

6.60 6.70 6.80 6.90



#6

bis(2-Chloroethyl)ether

Concen: 0.339 ng

RT: 6.92 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

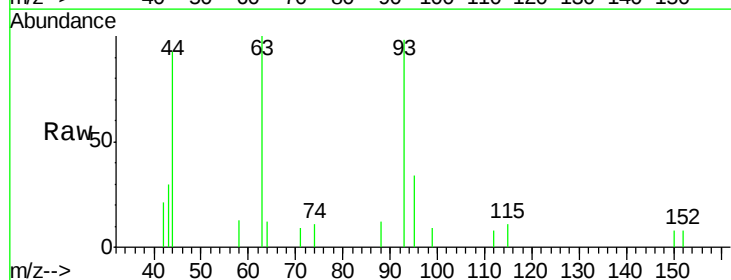
Tgt Ion: 93 Resp: 1167

Ion Ratio Lower Upper

93 100

63 106.7 85.1 127.7

95 36.0 30.2 45.4



Abundance Ion 93.00 (92.70 to 93.70): BN009365.D (-505) (-)

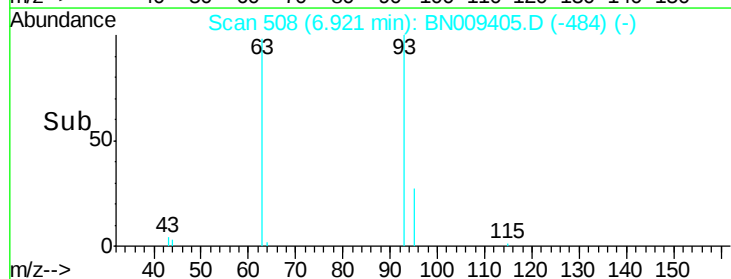
Ion 63.00 (62.70 to 63.70): BN009365.D (-505) (-)

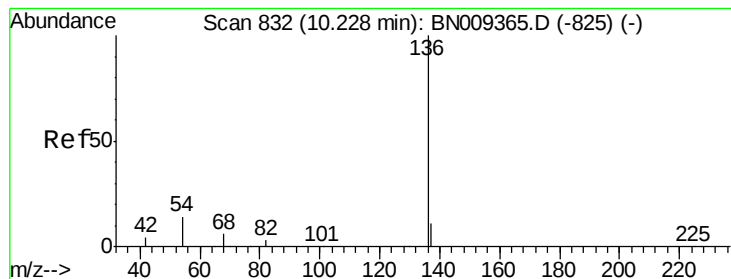
Ion 95.00 (94.70 to 95.70): BN009365.D (-505) (-)

Time-->

6.92

6.90 7.00





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4443

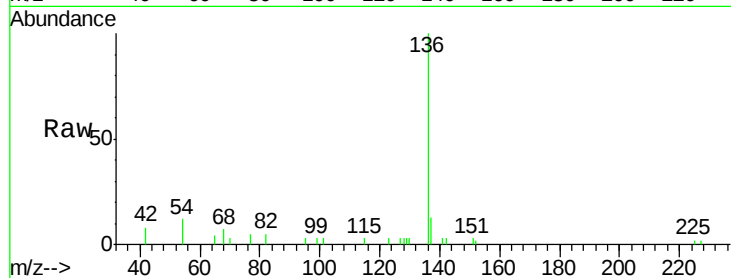
Ion Ratio Lower Upper

136 100

137 13.4 10.3 15.5

54 12.4 12.6 19.0#

68 6.9 6.5 9.7

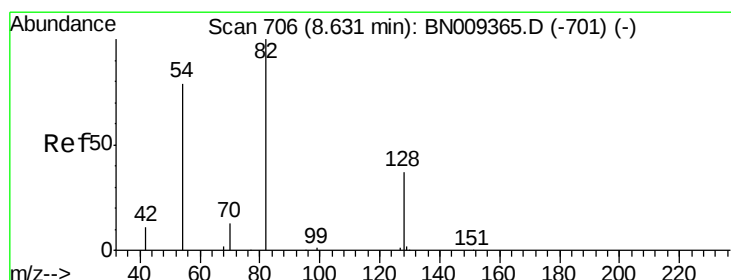
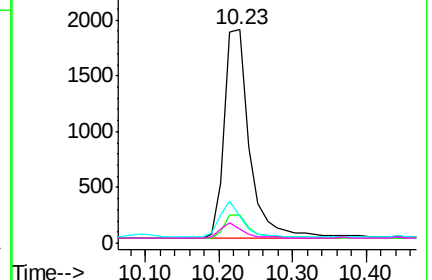
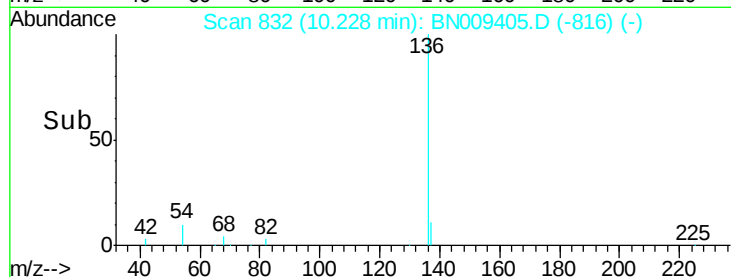


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

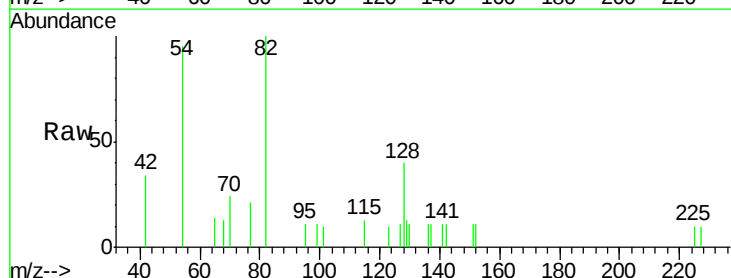
Tgt Ion: 82 Resp: 1233

Ion Ratio Lower Upper

82 100

128 39.7 34.8 52.2

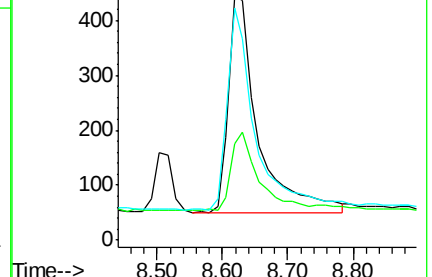
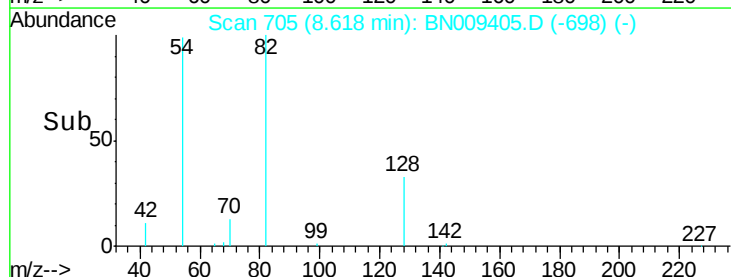
54 95.3 65.8 98.6

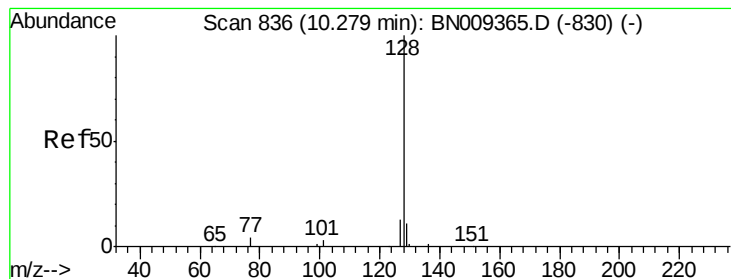


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.387 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

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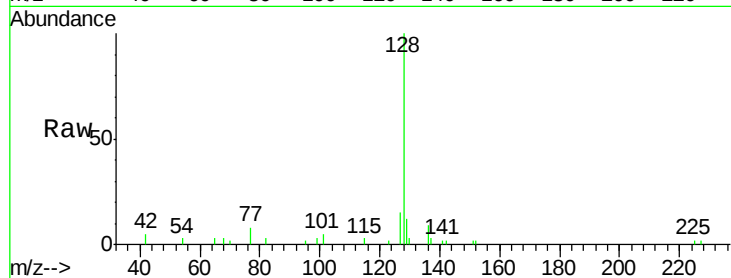
Tot Ion:128 Resp: 4655

Ion Ratio Lower Upper

128 100

129 12.4 10.4 15.6

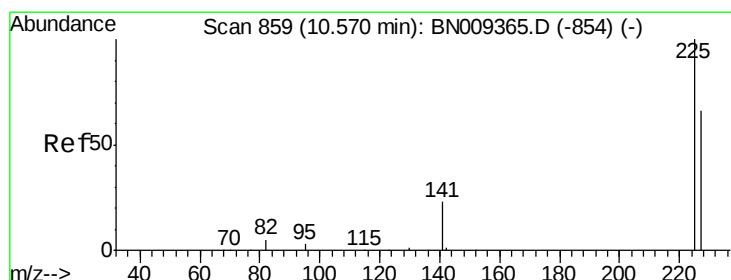
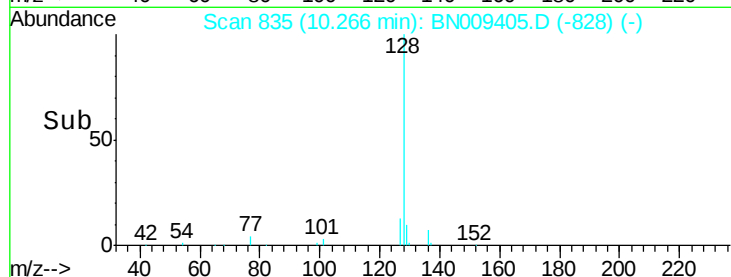
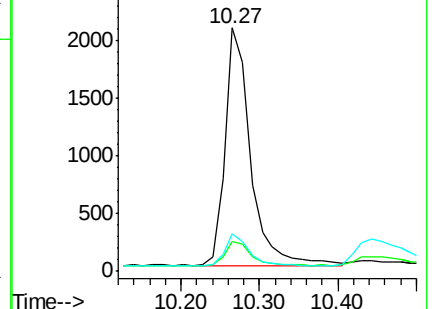
127 15.3 11.4 17.2



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: 0.398 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

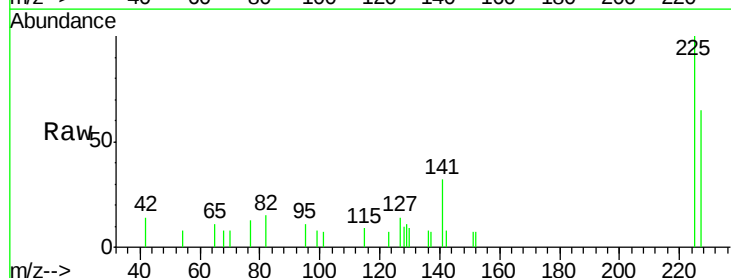
Tgt Ion:225 Resp: 1050

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

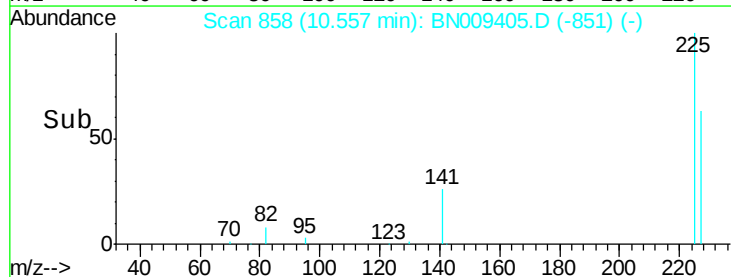
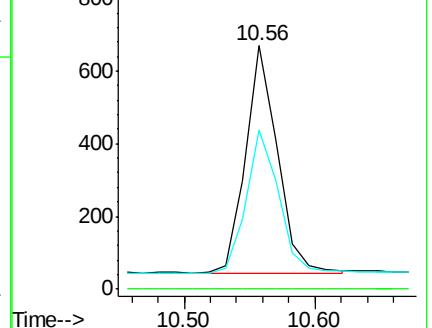
227 63.8 52.6 78.8

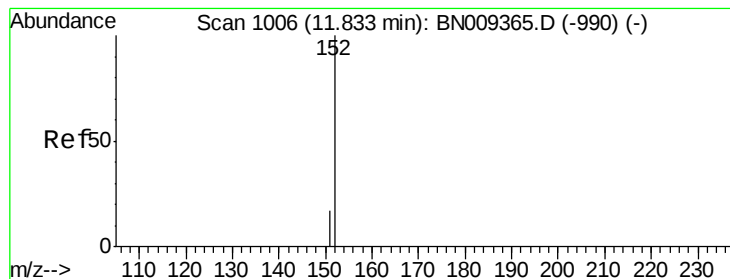


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

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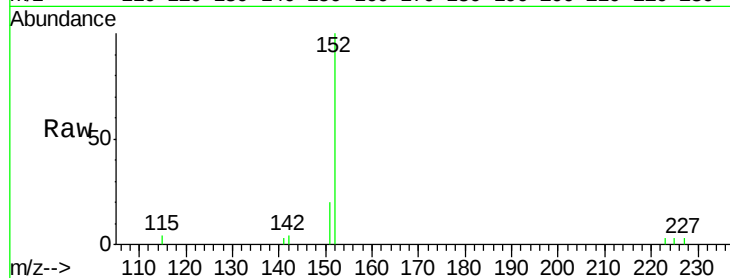
SSTDCCC0.4EC

Tot Ion:152 Resp: 3287

Ion Ratio Lower Upper

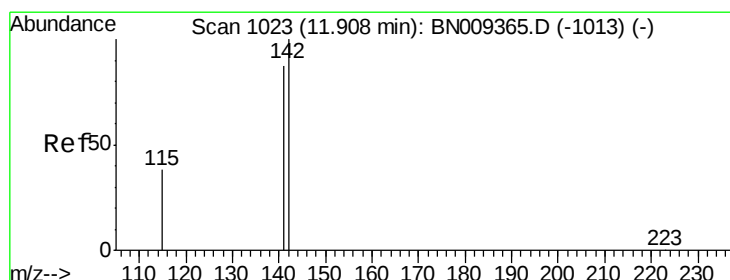
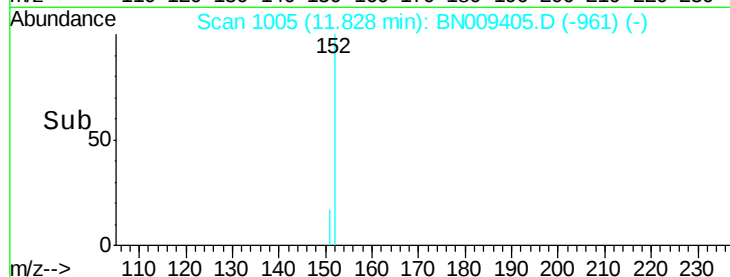
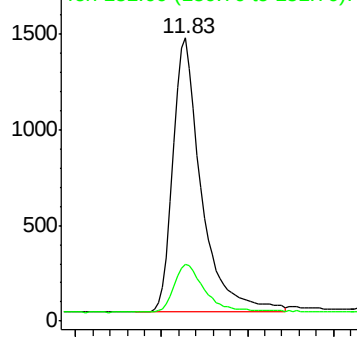
152 100

151 18.9 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 11.90 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

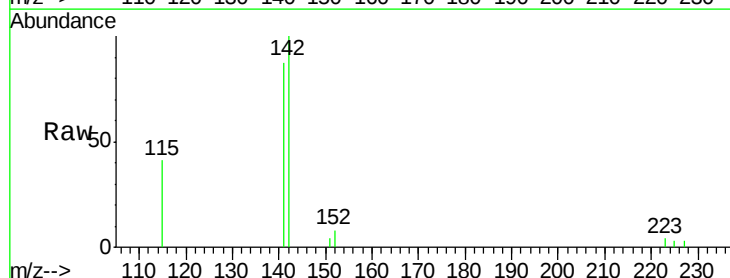
Tgt Ion:142 Resp: 3238

Ion Ratio Lower Upper

142 100

141 86.8 69.8 104.6

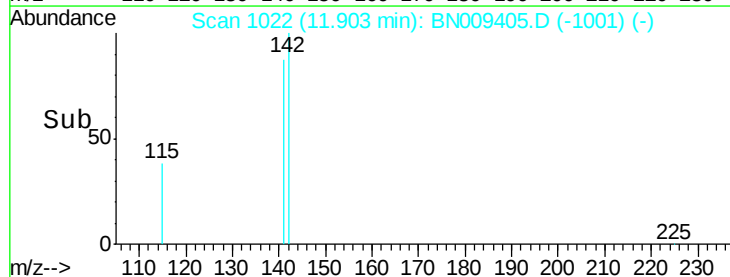
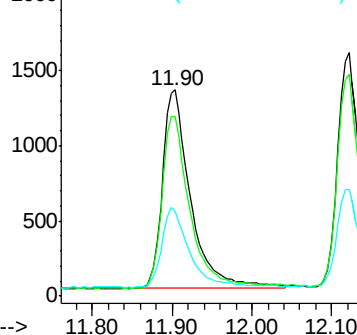
115 41.1 32.5 48.7

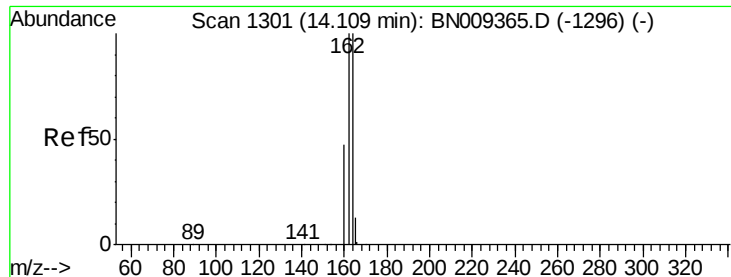


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

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ClientSampleId :

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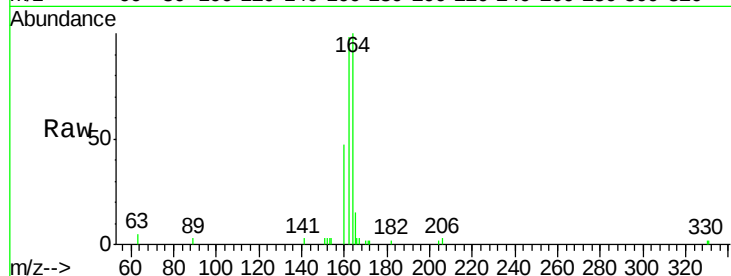
Tot Ion:164 Resp: 2918

Ion Ratio Lower Upper

164 100

162 97.9 79.8 119.6

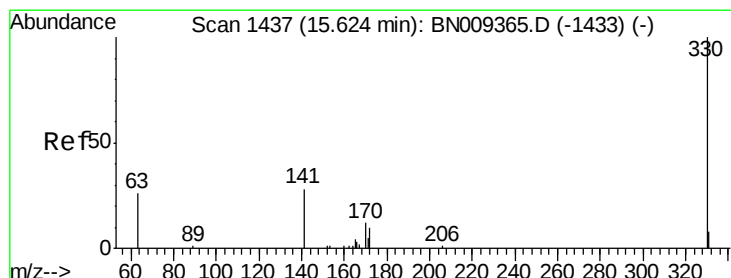
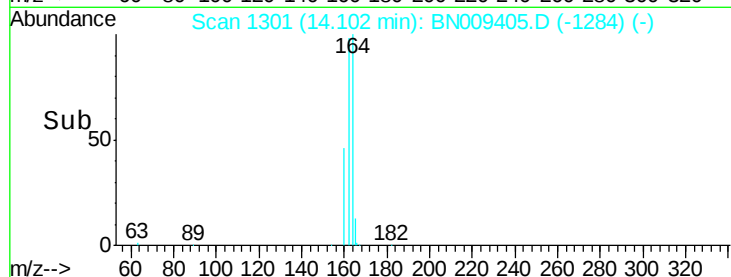
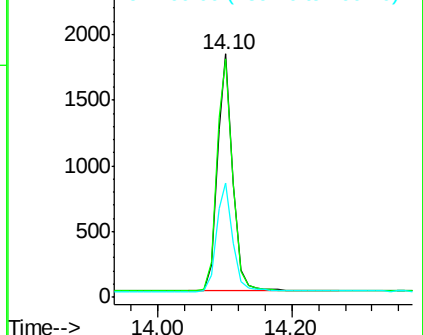
160 47.1 38.4 57.6



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: 0.338 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

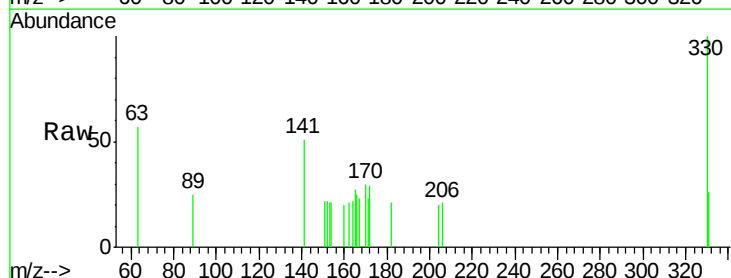
Tgt Ion:330 Resp: 373

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

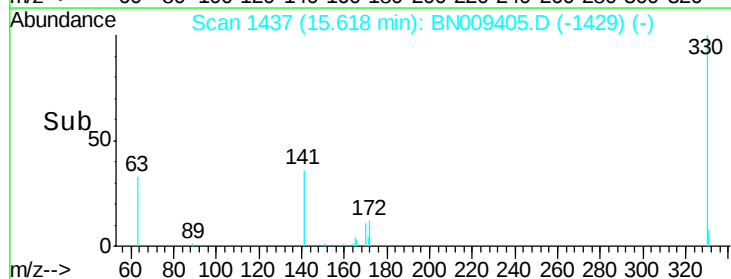
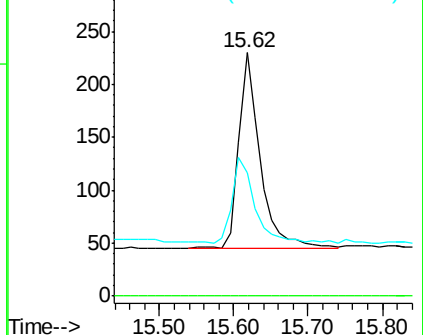
141 43.4 33.1 49.7

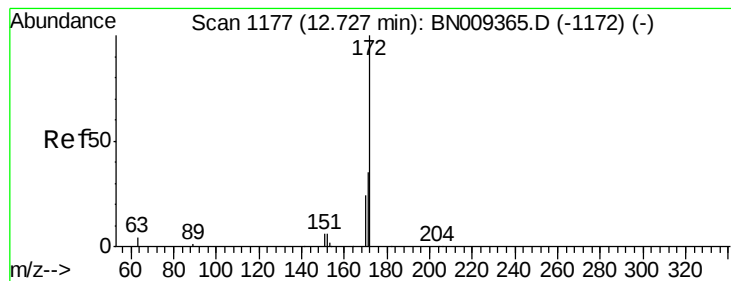


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

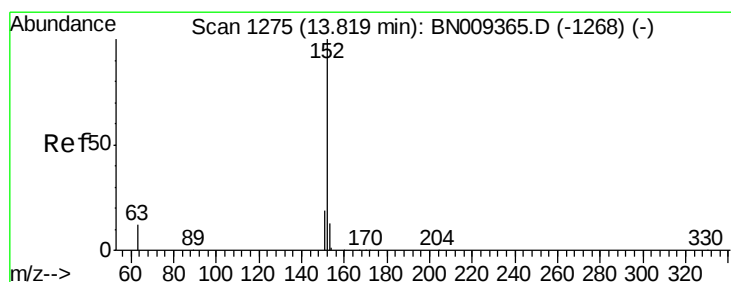
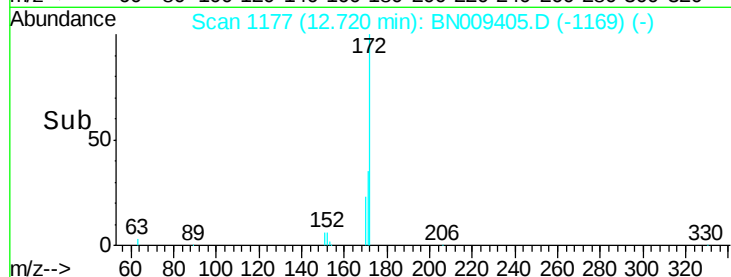
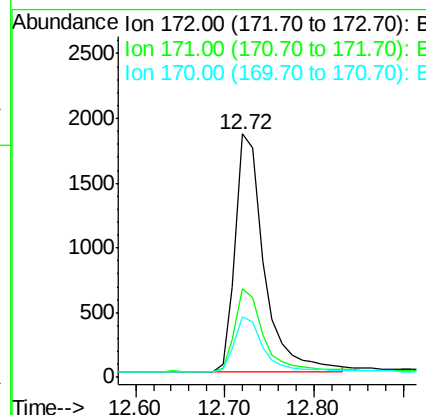
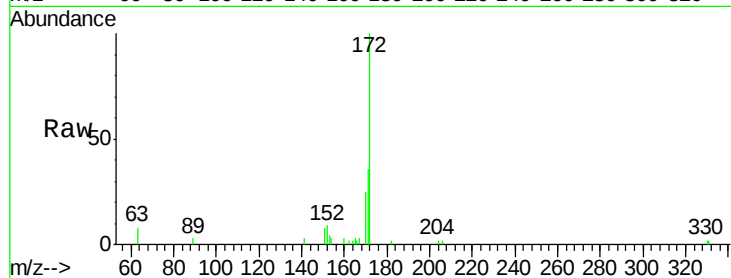




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

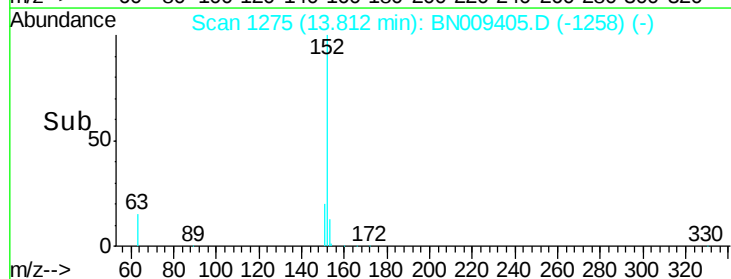
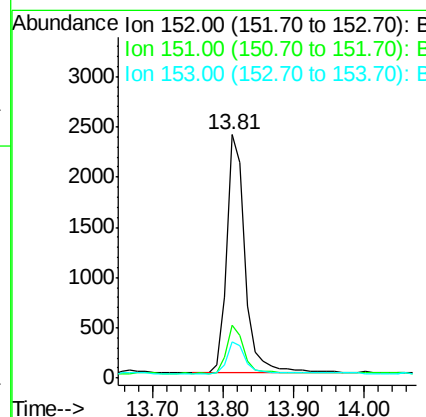
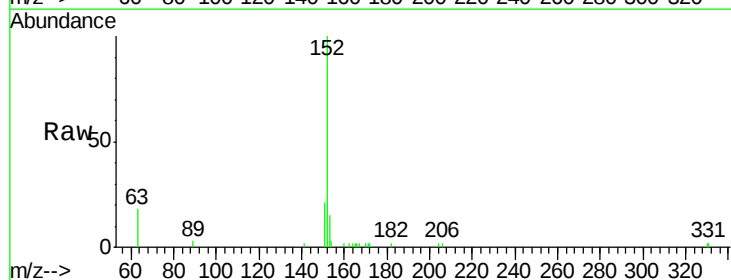
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

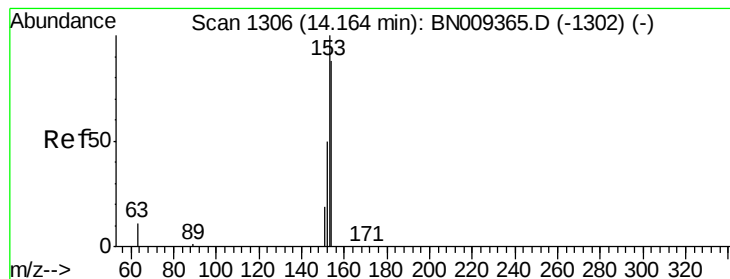
Tot Ion:172 Resp: 4137
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 25.1 20.7 31.1



#16
Acenaphthylene
Concen: 0.349 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:152 Resp: 4391
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 12.8 10.4 15.6





#17

Acenaphthene

Concen: 0.377 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

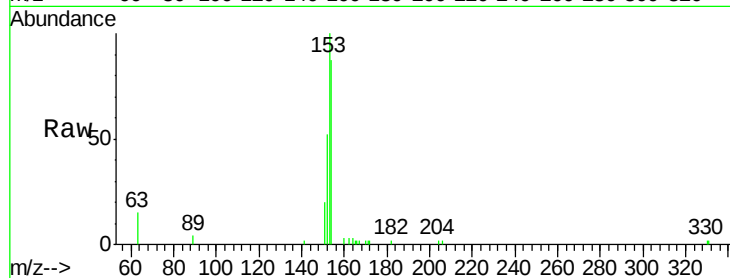
Tot Ion:154 Resp: 3339

Ion Ratio Lower Upper

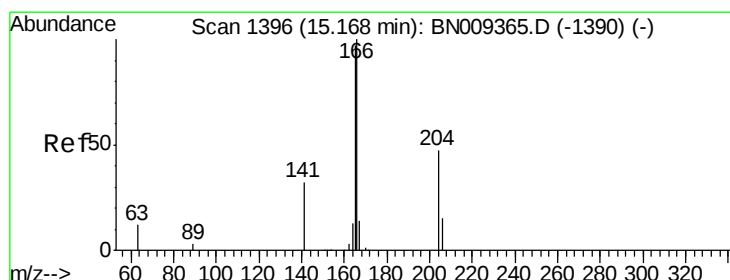
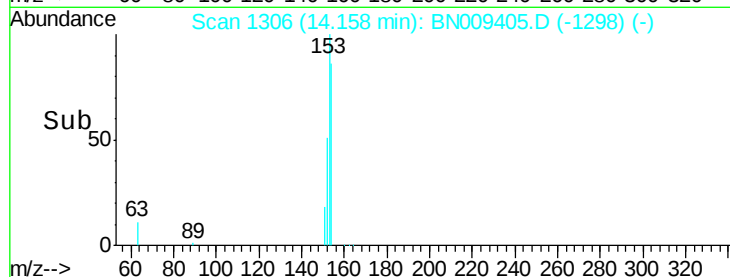
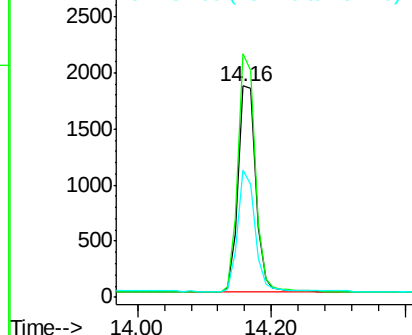
154 100

153 113.9 90.5 135.7

152 57.2 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: 0.388 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

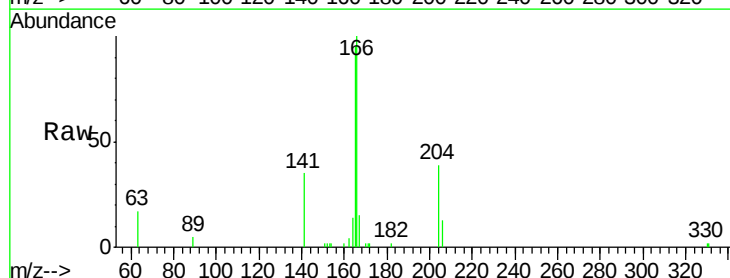
Tgt Ion:166 Resp: 4475

Ion Ratio Lower Upper

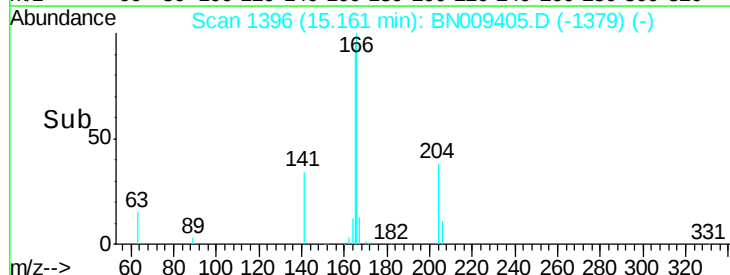
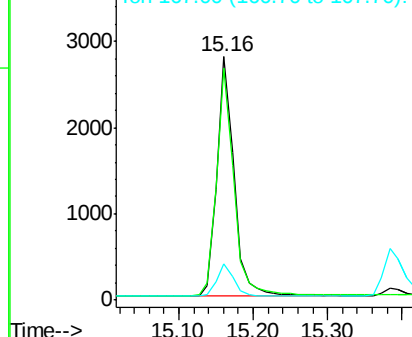
166 100

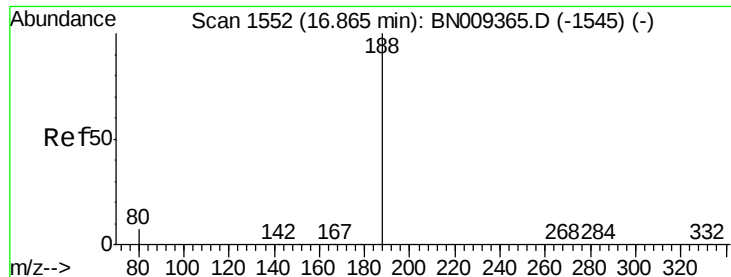
165 95.3 78.2 117.2

167 13.2 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: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

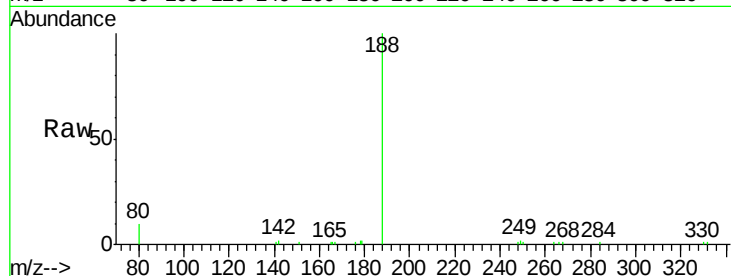
Tot Ion:188 Resp: 6476

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

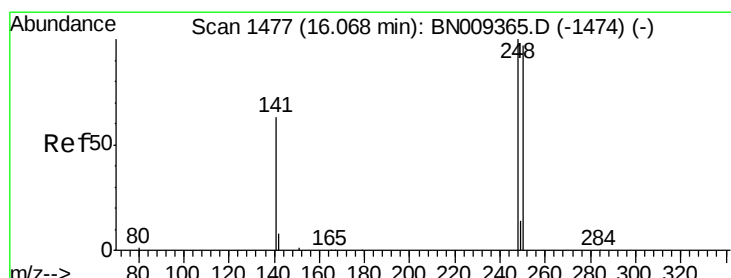
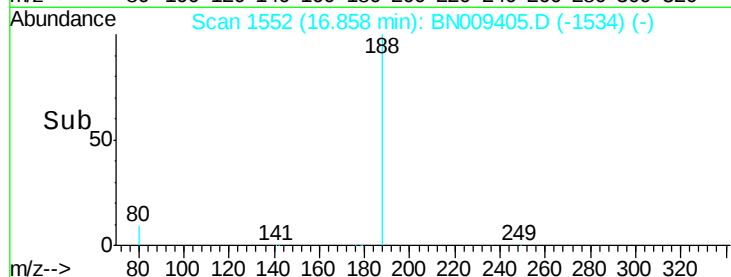
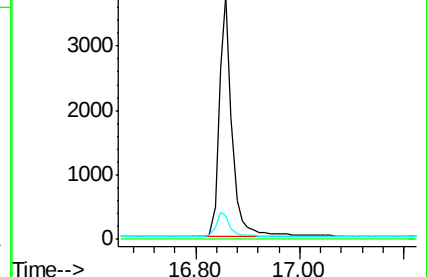
80 9.7 6.6 10.0



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: 0.369 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

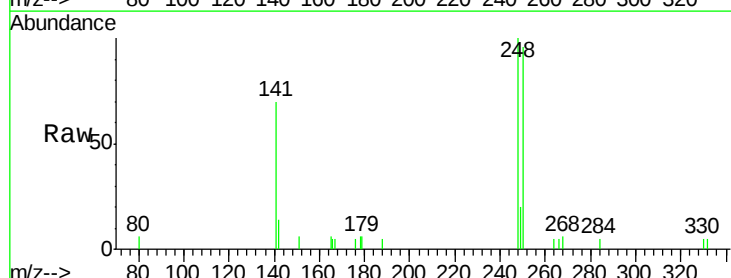
Tgt Ion:248 Resp: 1438

Ion Ratio Lower Upper

248 100

250 95.8 77.8 116.8

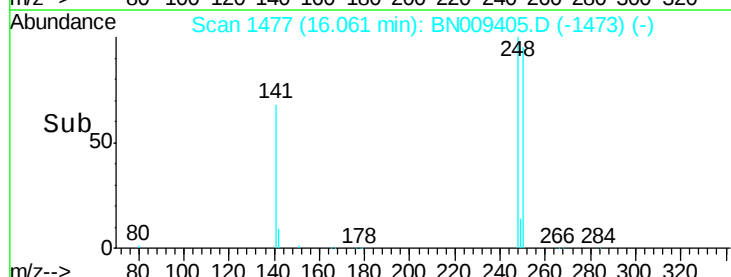
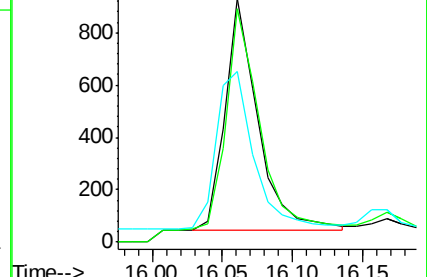
141 70.3 53.4 80.0

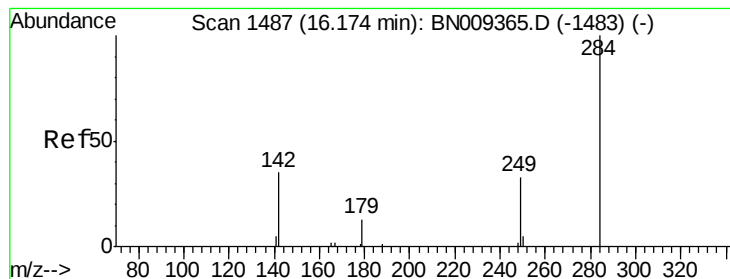


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.368 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

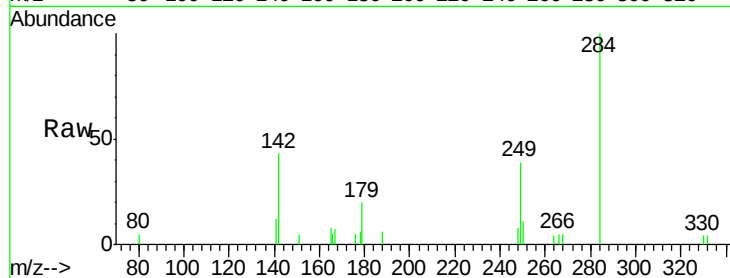
Tot Ion:284 Resp: 1526

Ion Ratio Lower Upper

284 100

142 43.3 33.8 50.8

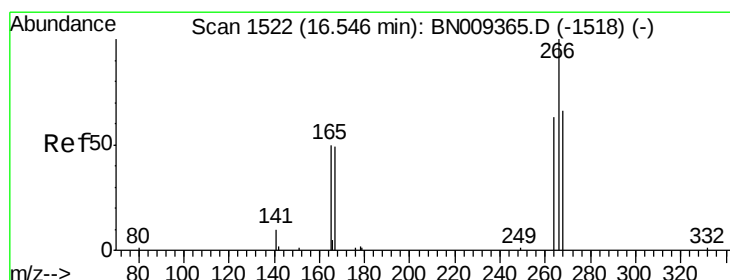
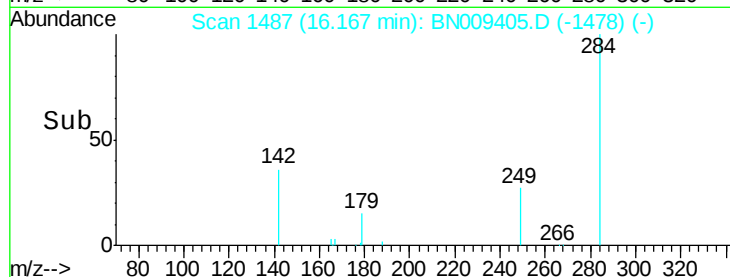
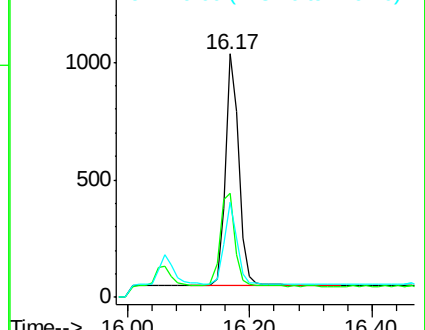
249 32.8 27.0 40.4



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: 0.378 ng

RT: 16.55 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

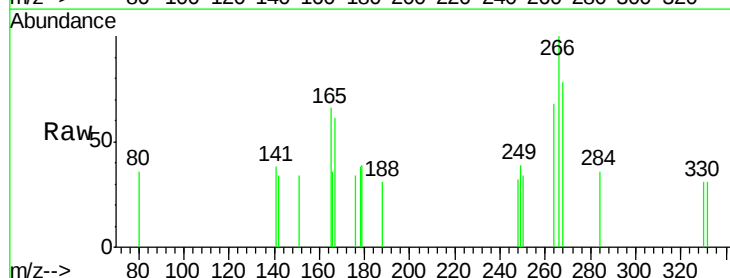
Tgt Ion:266 Resp: 339

Ion Ratio Lower Upper

266 100

264 67.6 57.8 86.6

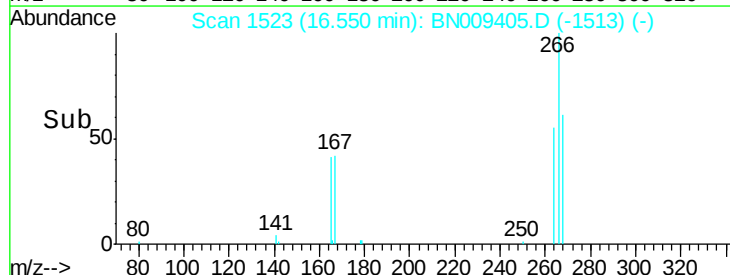
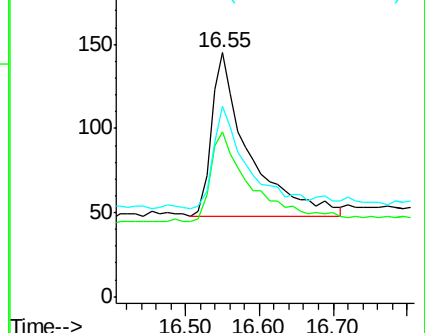
268 77.9 63.8 95.6



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: 0.369 ng

RT: 16.90 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

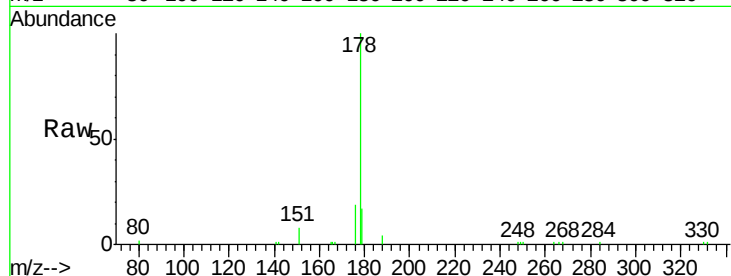
Tot Ion:178 Resp: 7181

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

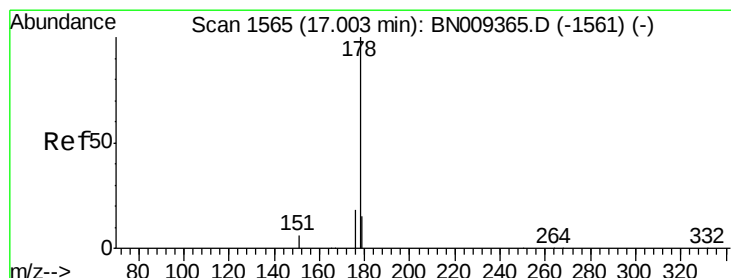
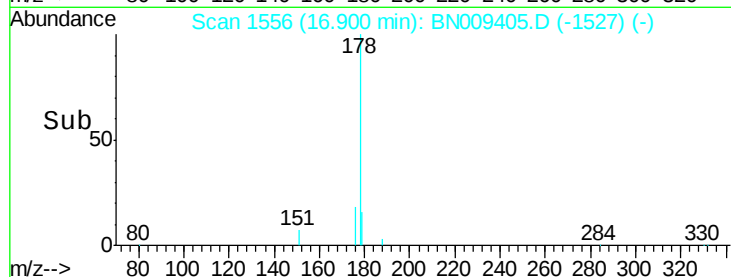
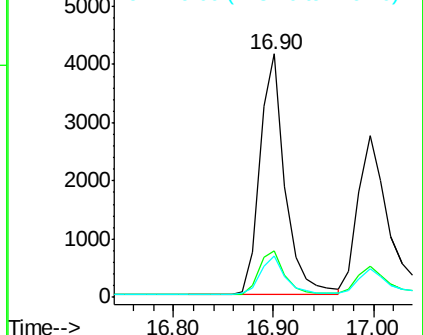
179 15.2 12.3 18.5



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: 0.350 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

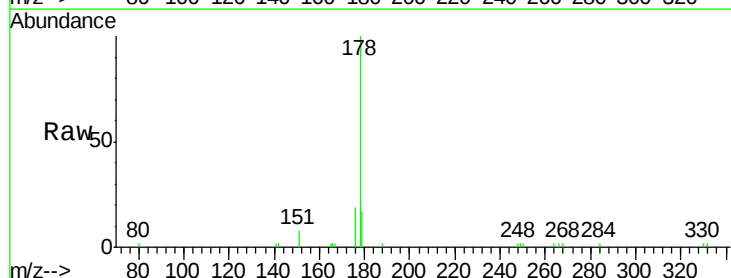
Tgt Ion:178 Resp: 5721

Ion Ratio Lower Upper

178 100

176 17.7 14.6 21.8

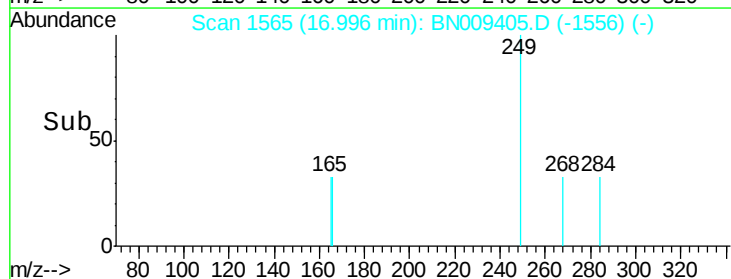
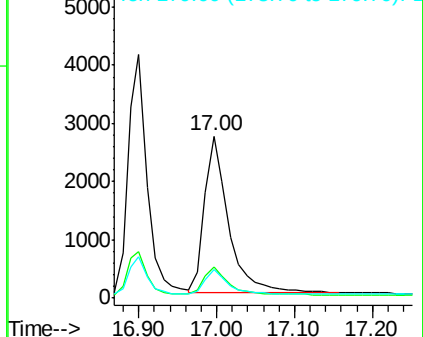
179 15.5 12.5 18.7

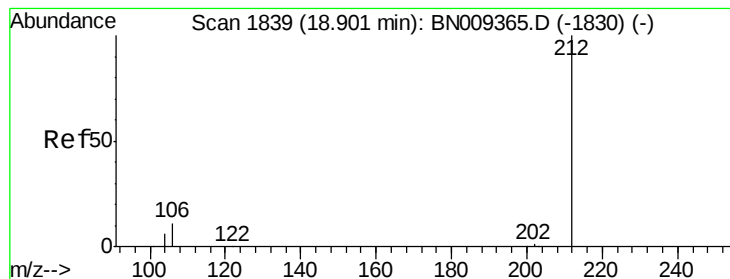


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 18.90 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

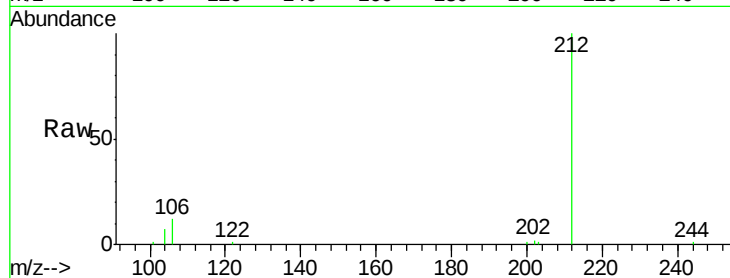
Tot Ion:212 Resp: 8000

Ion Ratio Lower Upper

212 100

106 11.6 9.2 13.8

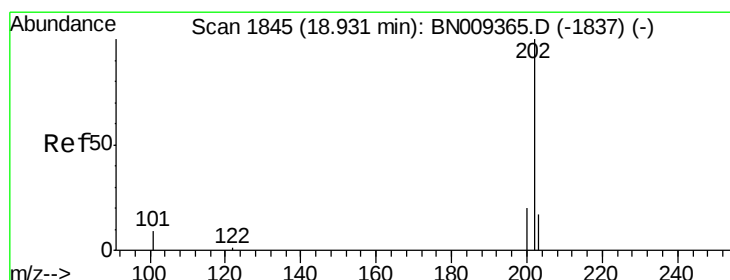
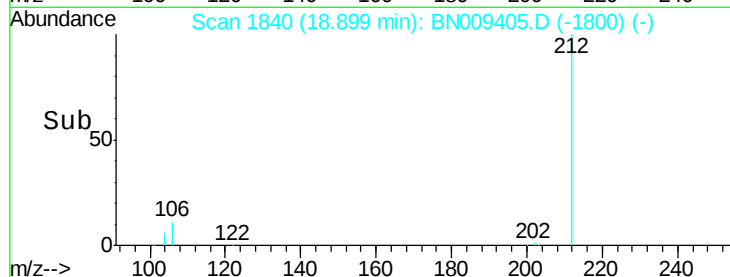
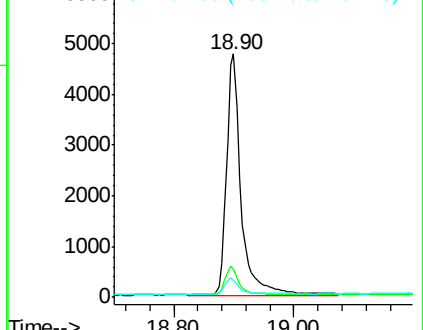
104 6.3 5.4 8.0



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: 0.357 ng

RT: 18.93 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

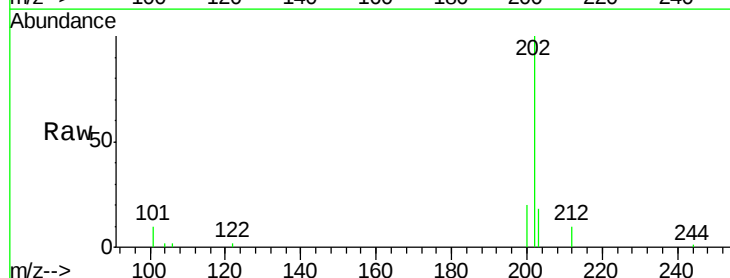
Tgt Ion:202 Resp: 8138

Ion Ratio Lower Upper

202 100

101 9.8 8.0 12.0

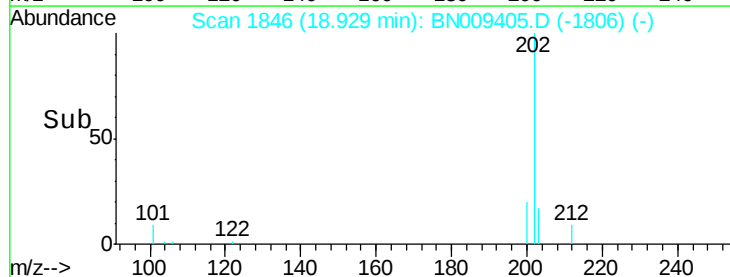
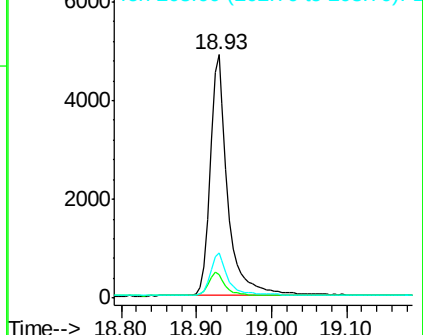
203 17.0 13.5 20.3

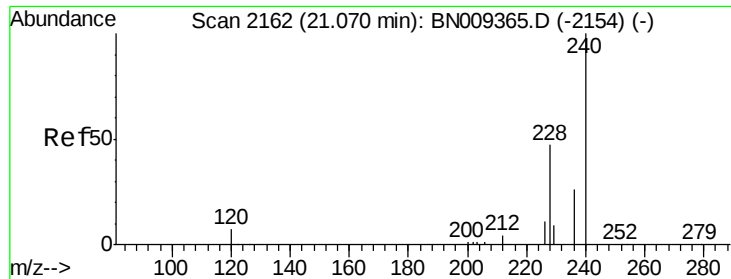


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

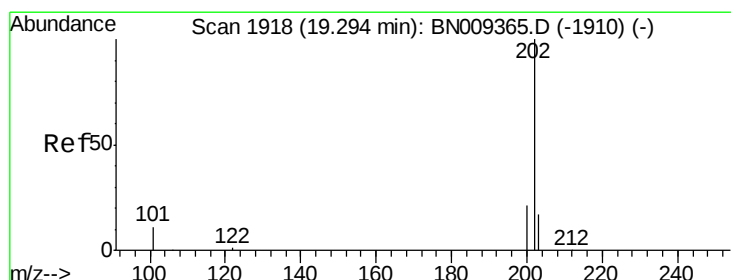
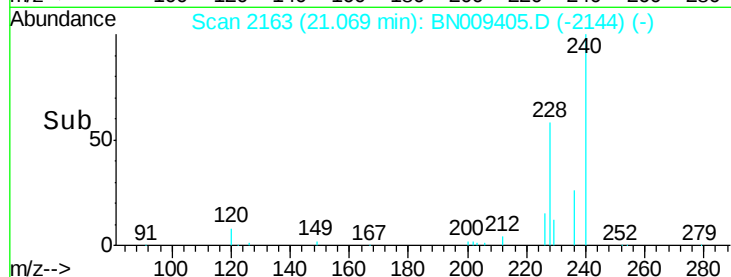
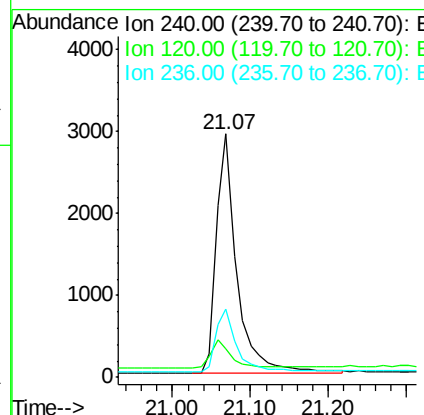
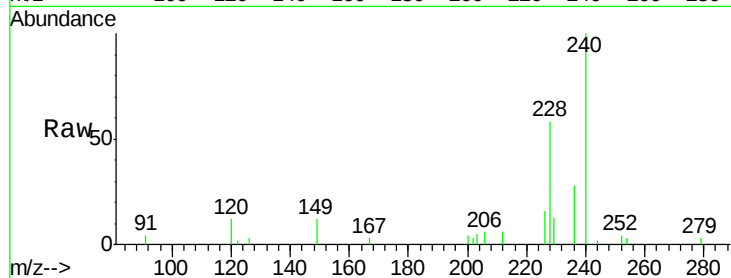




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

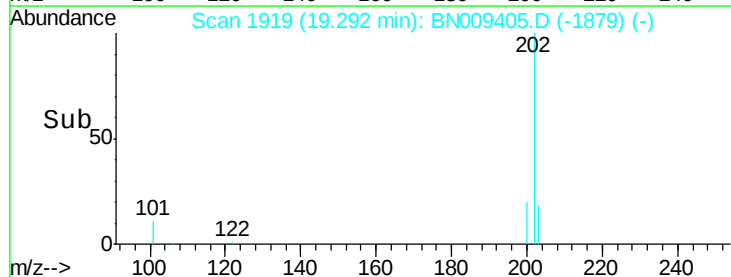
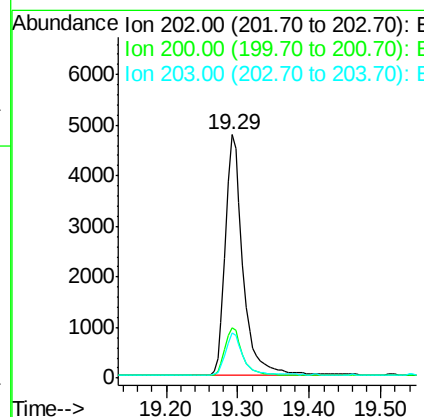
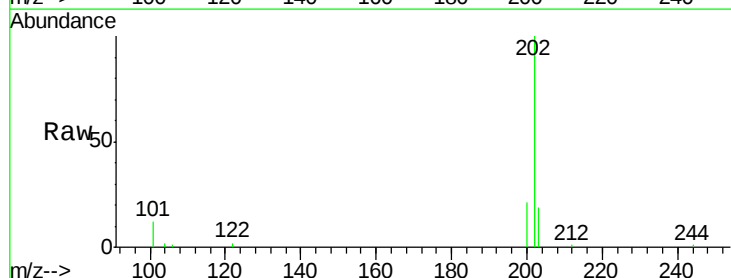
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

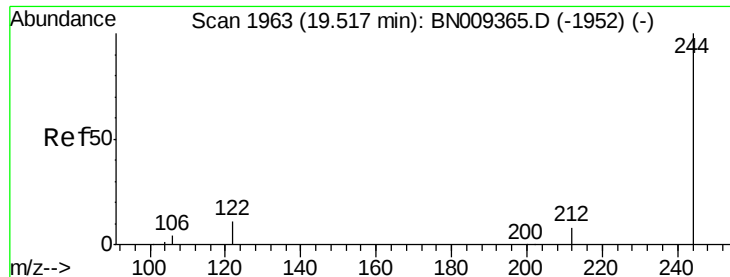
Tot Ion:240 Resp: 5373
Ion Ratio Lower Upper
240 100
120 11.8 8.1 12.1
236 28.0 22.2 33.4



#28
Pyrene
Concen: 0.404 ng
RT: 19.29 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:202 Resp: 8217
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.389 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

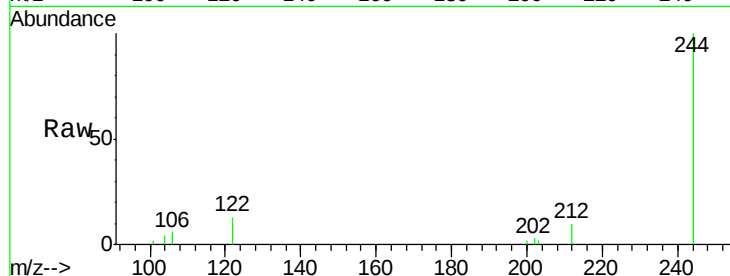
Tot Ion:244 Resp: 4946

Ion Ratio Lower Upper

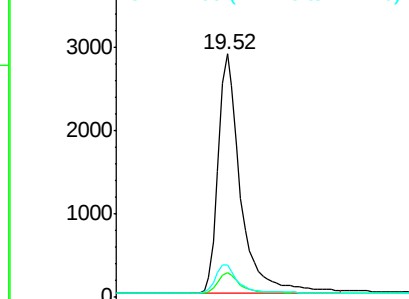
244 100

212 10.3 7.5 11.3

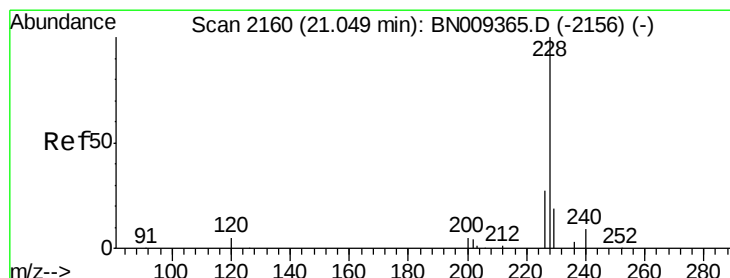
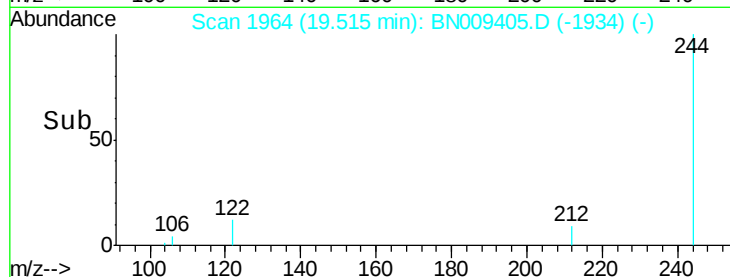
122 13.2 9.8 14.6



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



Time--> 19.40 19.50 19.60



#30

Benzo(a)anthracene

Concen: 0.347 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

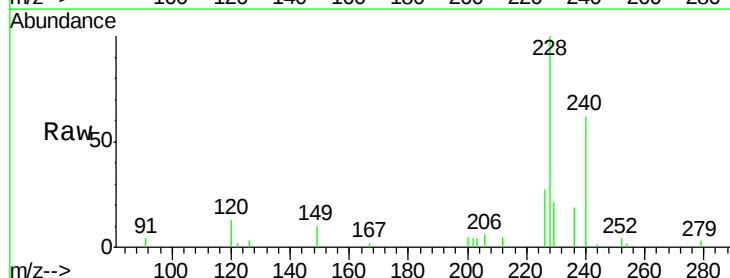
Tgt Ion:228 Resp: 6136

Ion Ratio Lower Upper

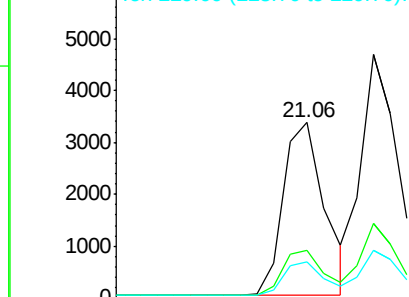
228 100

226 27.1 22.5 33.7

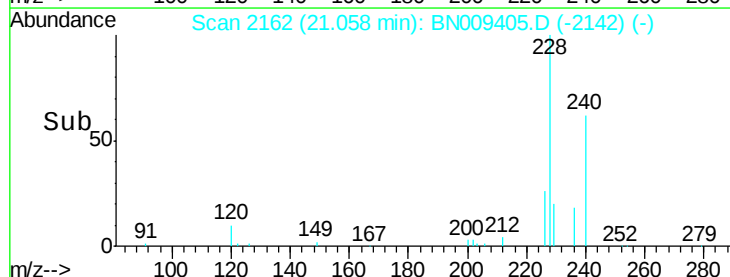
229 20.7 16.1 24.1

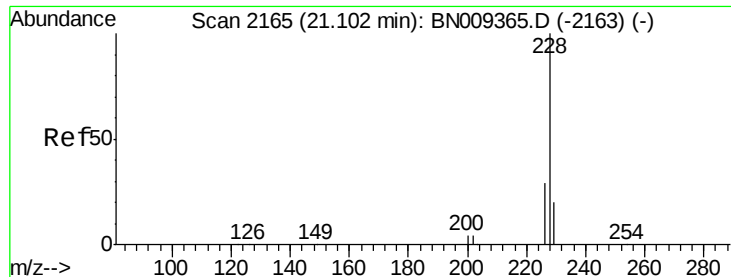


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 20.95 21.00 21.05 21.10





#31

Chrysene

Concen: 0.405 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

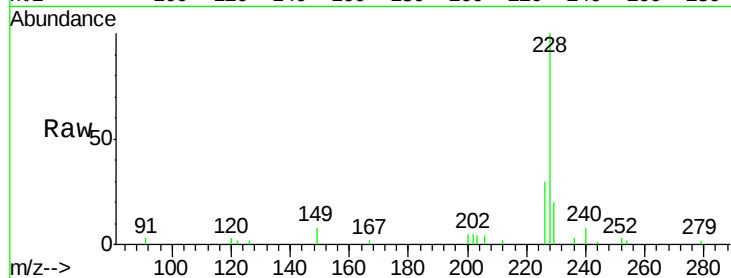
Tot Ion:228 Resp: 8177

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

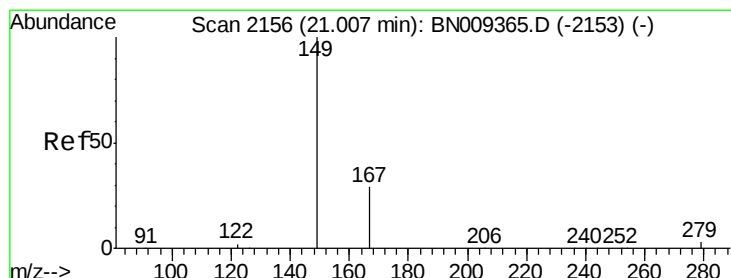
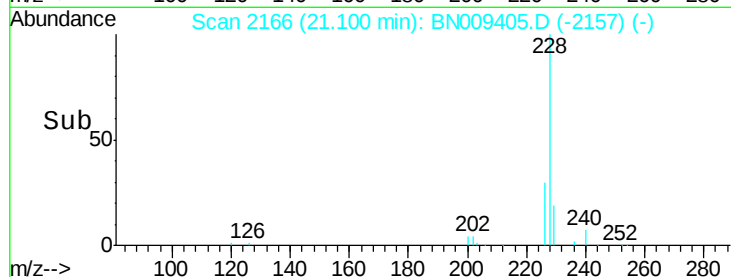
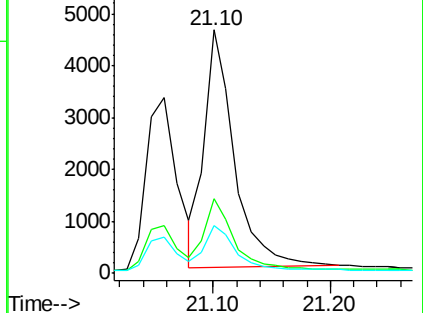
229 19.6 16.6 24.8



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: 0.371 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

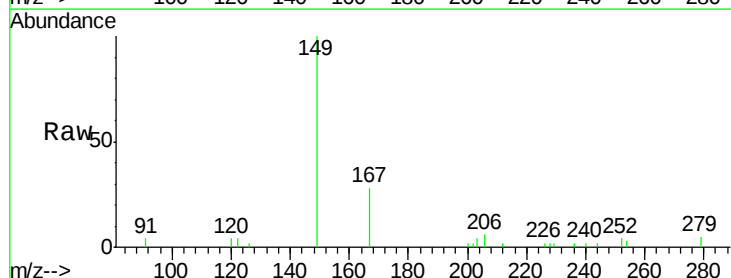
Tgt Ion:149 Resp: 2896

Ion Ratio Lower Upper

149 100

167 27.6 22.9 34.3

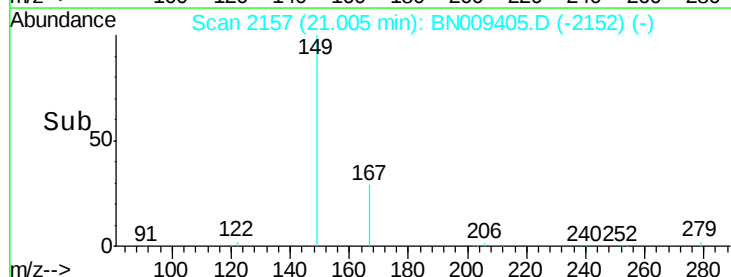
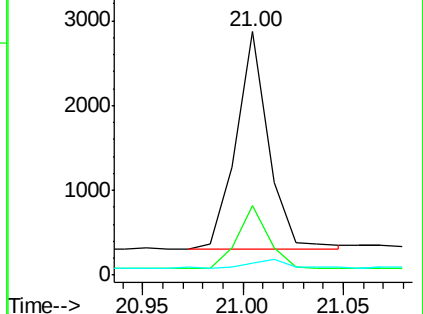
279 4.1 3.4 5.0

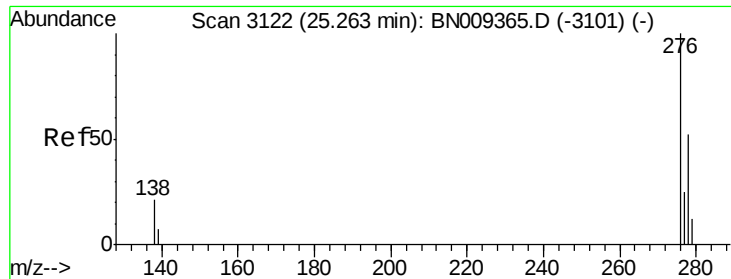


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

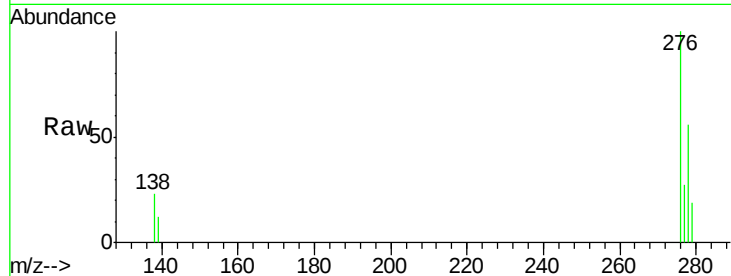




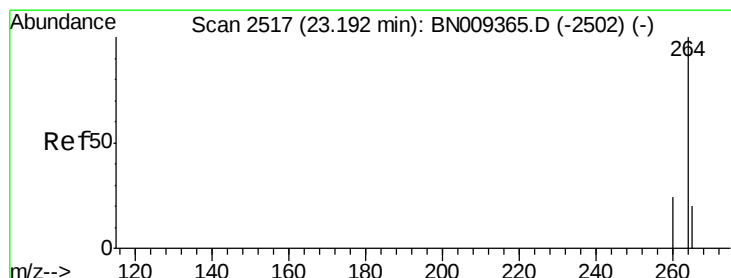
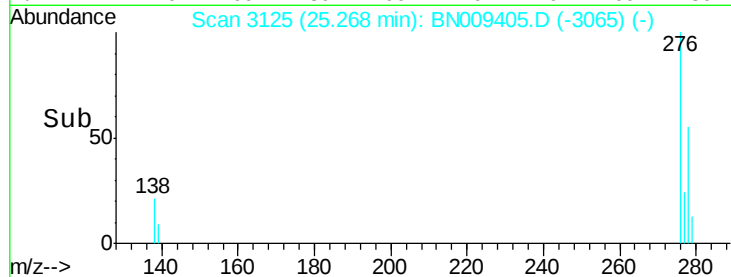
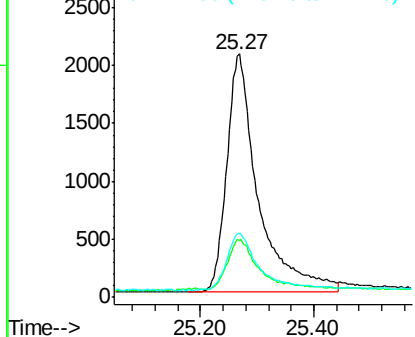
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng
RT: 25.27 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 7933
Ion Ratio Lower Upper
276 100
138 21.0 15.9 23.9
277 23.6 19.8 29.6

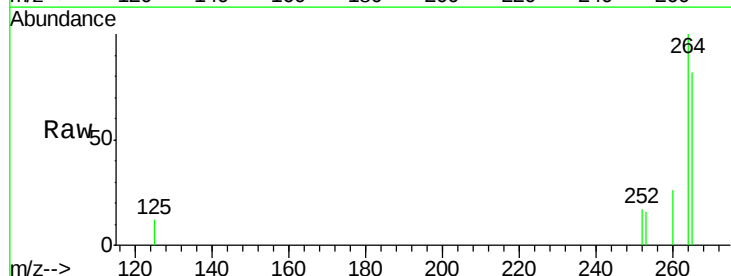


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

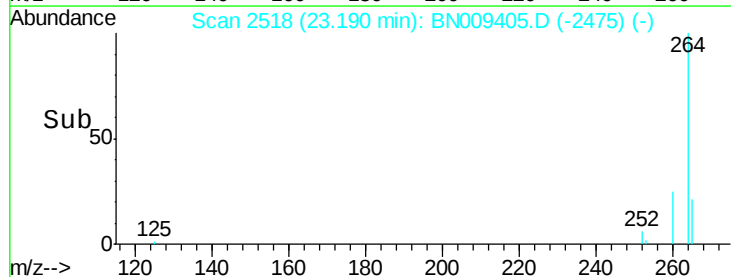
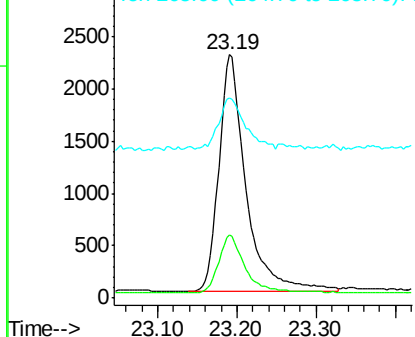


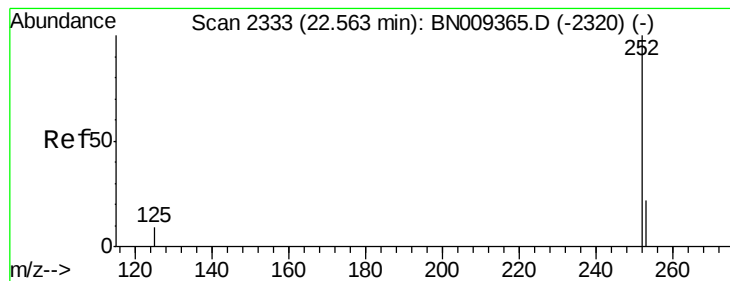
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN009405.D
Acq: 20 Jan 2020 16:38

Tgt Ion:264 Resp: 5372
Ion Ratio Lower Upper
264 100
260 26.1 20.1 30.1
265 82.3 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: 0.359 ng

RT: 22.56 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

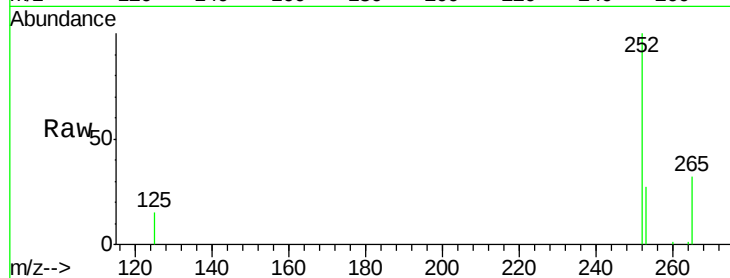
Tot Ion:252 Resp: 7092

Ion Ratio Lower Upper

252 100

253 27.5 22.4 33.6

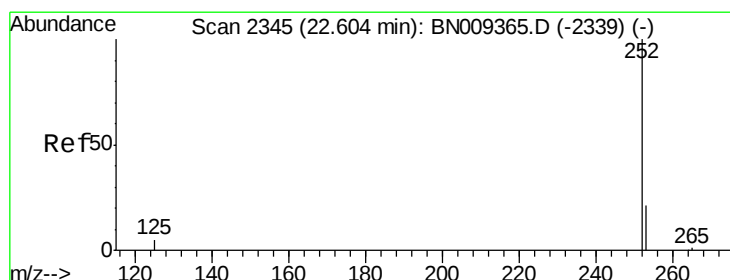
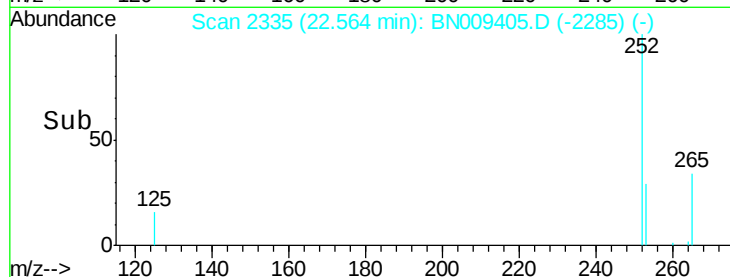
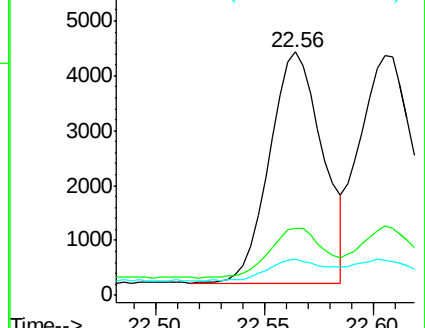
125 14.9 11.6 17.4



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: 0.390 ng

RT: 22.61 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

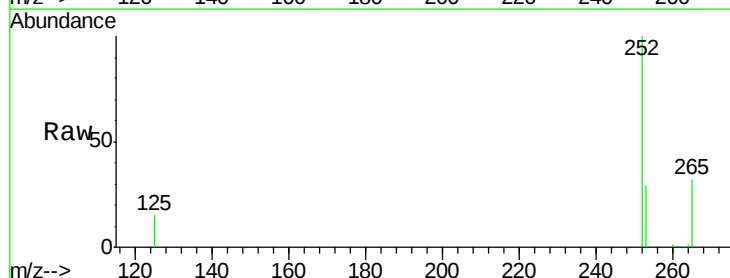
Tgt Ion:252 Resp: 8497

Ion Ratio Lower Upper

252 100

253 28.9 21.9 32.9

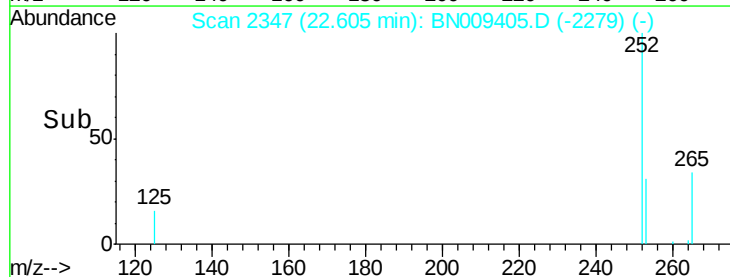
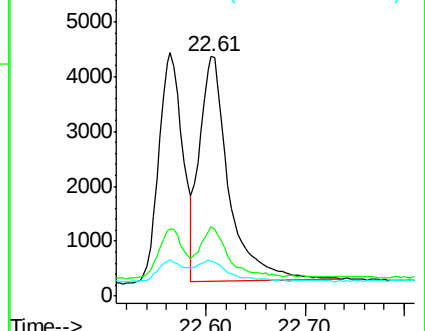
125 14.7 12.0 18.0

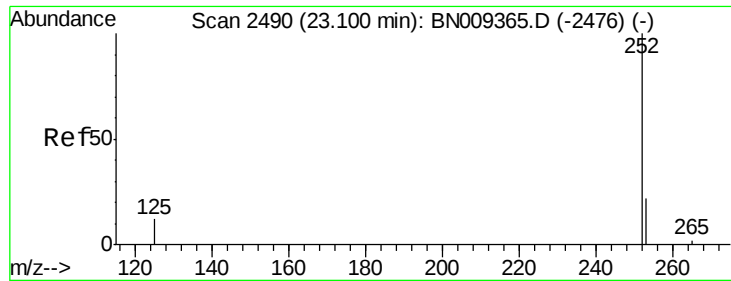


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

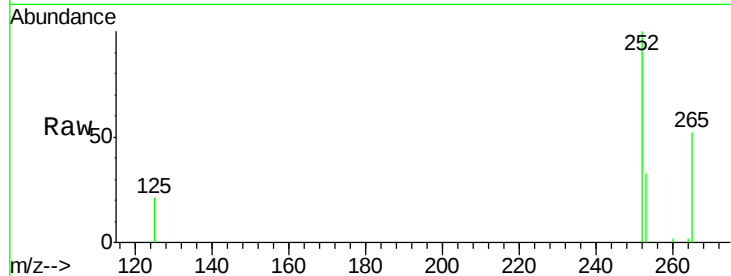
Tot Ion:252 Resp: 6481

Ion Ratio Lower Upper

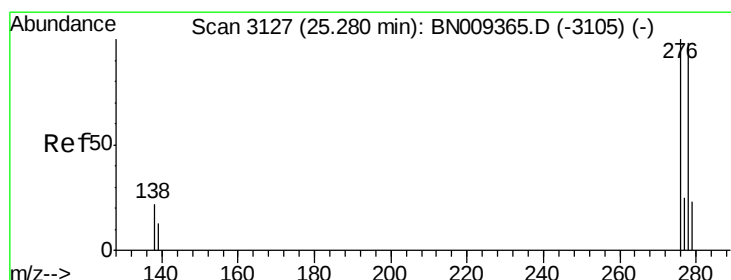
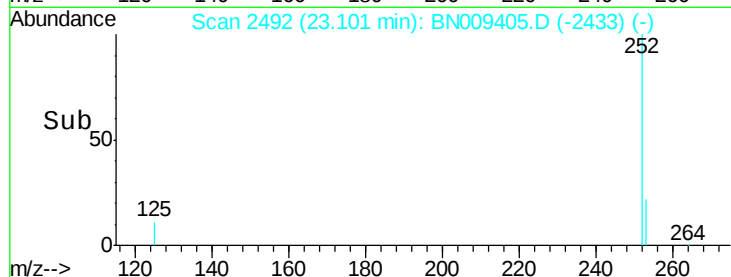
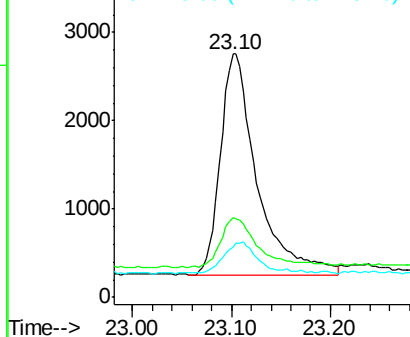
252 100

253 32.6 25.4 38.0

125 20.7 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: 0.356 ng

RT: 25.28 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BN009405.D

Acq: 20 Jan 2020 16:38

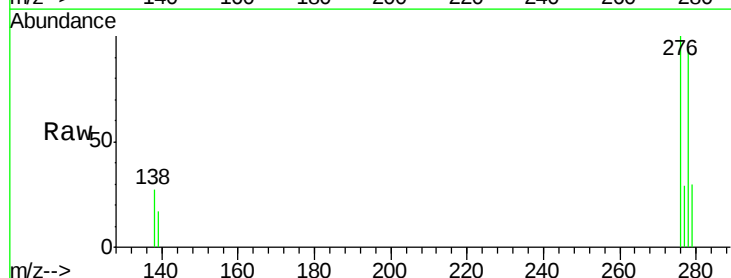
Tgt Ion:278 Resp: 6227

Ion Ratio Lower Upper

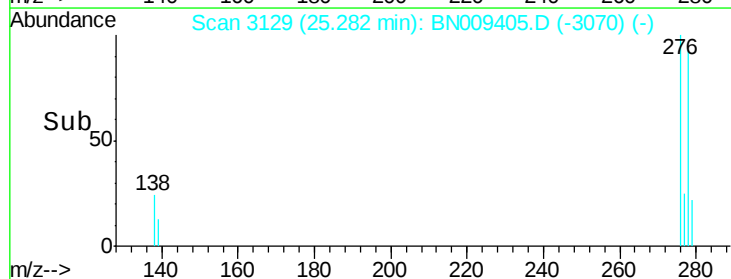
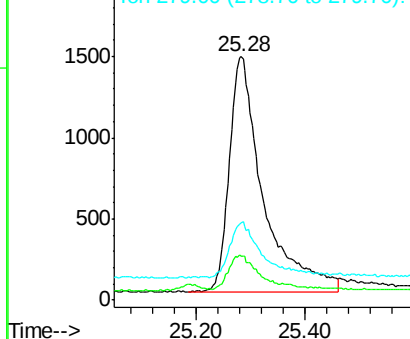
278 100

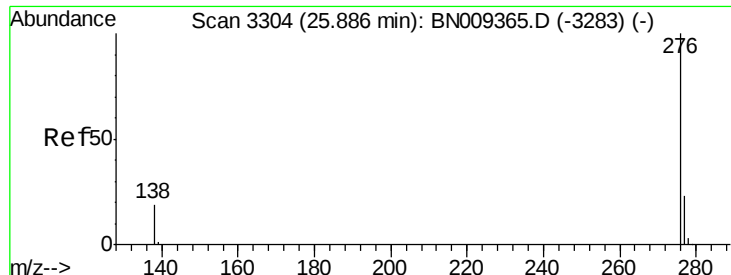
139 17.9 14.5 21.7

279 31.9 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: 0.374 ng

RT: 25.89 min Scan# 3308

Delta R.T. 0.01 min

Lab File: BN009405.D

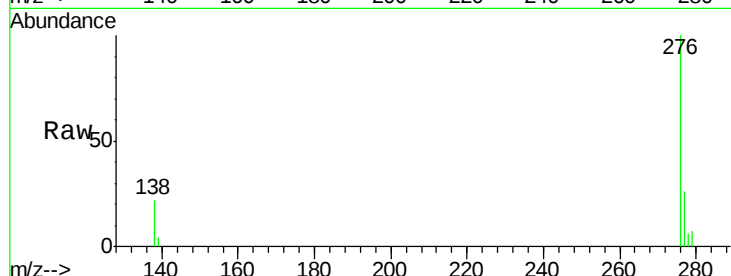
Acq: 20 Jan 2020 16:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



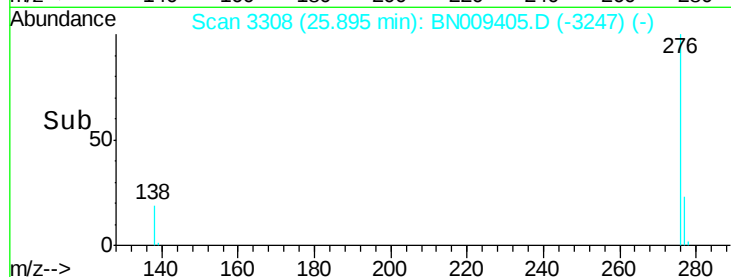
Tot Ion: 276 Resp: 7192

Ion Ratio Lower Upper

276 100

277 25.5 20.6 30.8

138 21.8 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

