

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012120\
 Data File : BN009412.D
 Acq On : 21 Jan 2020 14:35
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 21 16:11:01 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	7.46	152	1447	0.40	ng	-0.02
7) Naphthalene-d8	10.22	136	5172	0.40	ng	-0.01
13) Acenaphthene-d10	14.09	164	3446	0.40	ng	-0.02
19) Phenanthrene-d10	16.85	188	7787	0.40	ng	-0.02
27) Chrysene-d12	21.07	240	6424	0.40	ng	0.00
34) Perylene-d12	23.19	264	6332	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	1251	0.38	ng	-0.02
5) Phenol-d6	6.66	99	1449	0.38	ng	-0.02
8) Nitrobenzene-d5	8.62	82	1510	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	3996	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.61	330	445	0.34	ng	-0.02
15) 2-Fluorobiphenyl	12.72	172	4969	0.39	ng	0.00
25) Fluoranthene-d10	18.89	212	9420	0.35	ng	0.00
29) Terphenyl-d14	19.52	244	5866	0.39	ng	0.00

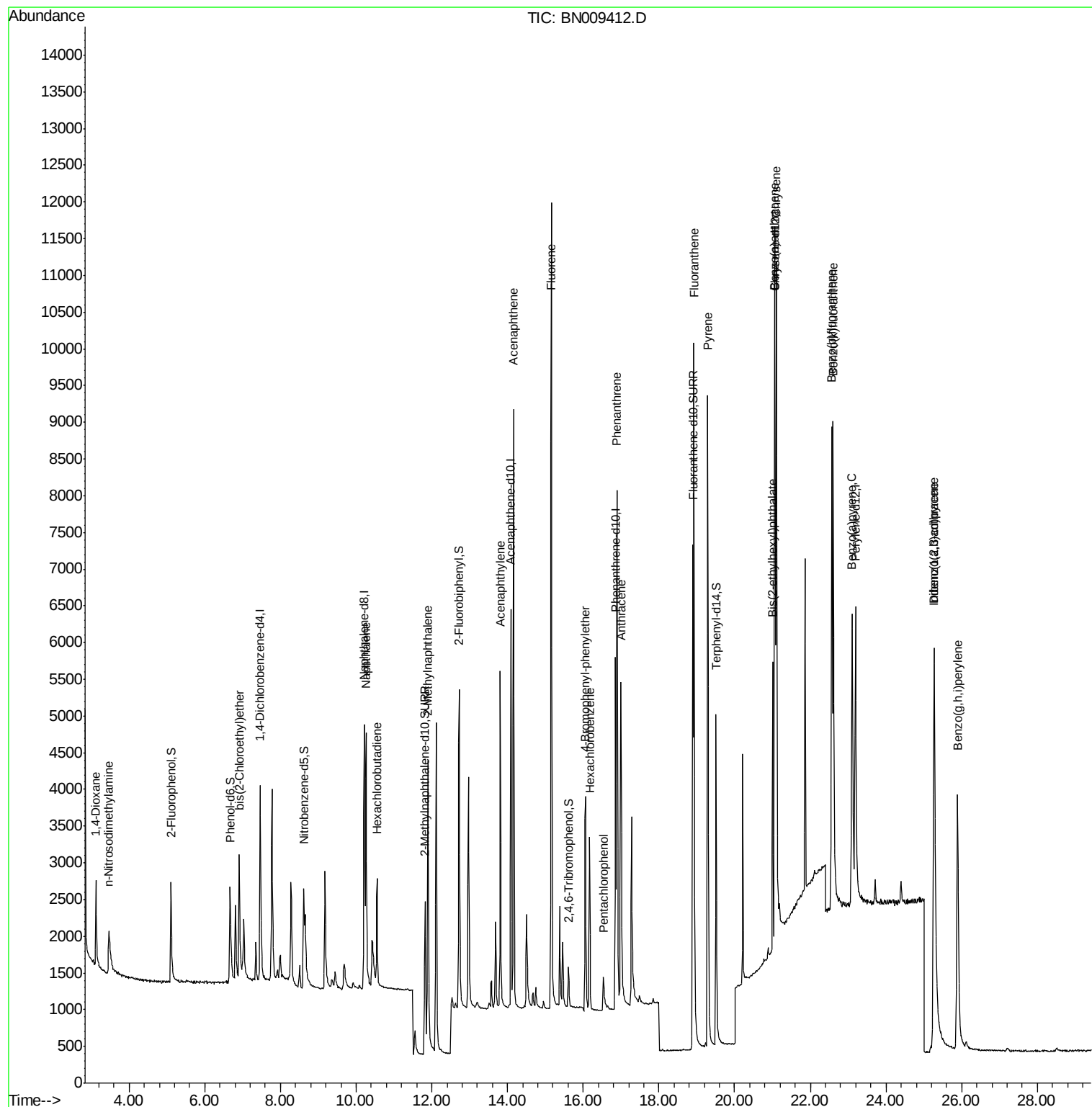
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	612	0.406	ng	98
3) n-Nitrosodimethylamine	3.47	42	908	0.390	ng	# 95
6) bis(2-Chloroethyl)ether	6.91	93	1485	0.374	ng	98
9) Naphthalene	10.27	128	5455	0.390	ng	99
10) Hexachlorobutadiene	10.56	225	1243	0.405	ng	# 96
12) 2-Methylnaphthalene	11.89	142	3841	0.394	ng	100
16) Acenaphthylene	13.81	152	5231	0.352	ng	100
17) Acenaphthene	14.16	154	3980	0.381	ng	99
18) Fluorene	15.16	166	5157	0.379	ng	100
20) 4-Bromophenyl-phenylether	16.06	248	1705	0.364	ng	94
21) Hexachlorobenzene	16.17	284	1784	0.357	ng	98
22) Pentachlorophenol	16.54	266	411	0.380	ng	98
23) Phenanthrene	16.89	178	8600	0.368	ng	100
24) Anthracene	17.00	178	6908	0.352	ng	99
26) Fluoranthene	18.92	202	9683	0.353	ng	100
28) Pyrene	19.29	202	9701	0.398	ng	100
30) Benzo(a)anthracene	21.06	228	7580	0.359	ng	98
31) Chrysene	21.10	228	9580	0.397	ng	99
32) Bis(2-ethylhexyl)phthalate	21.00	149	3245	0.348	ng	100
33) Indeno(1,2,3-cd)pyrene	25.26	276	9326	0.371	ng	98
35) Benzo(b)fluoranthene	22.56	252	8403	0.361	ng	98
36) Benzo(k)fluoranthene	22.61	252	10249	0.399	ng	99
37) Benzo(a)pyrene	23.10	252	7700	0.376	ng	99
38) Dibenzo(a,h)anthracene	25.28	278	7200	0.349	ng	99
39) Benzo(g,h,i)perylene	25.89	276	8356	0.368	ng	99

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

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Quant Time: Jan 21 16:11:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.02 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

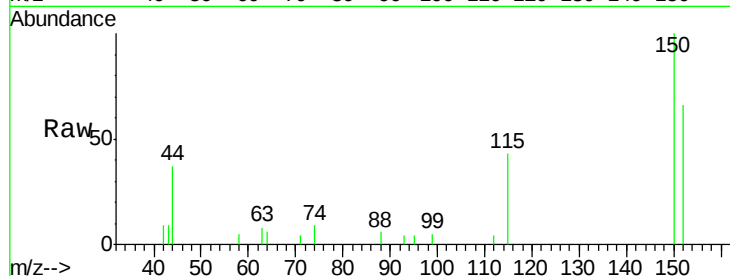
Tot Ion:152 Resp: 1447

Ion Ratio Lower Upper

152 100

150 150.7 125.7 188.5

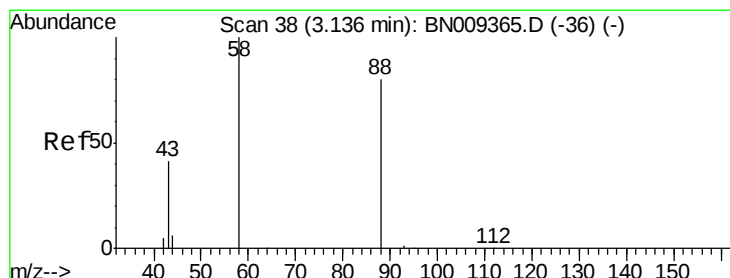
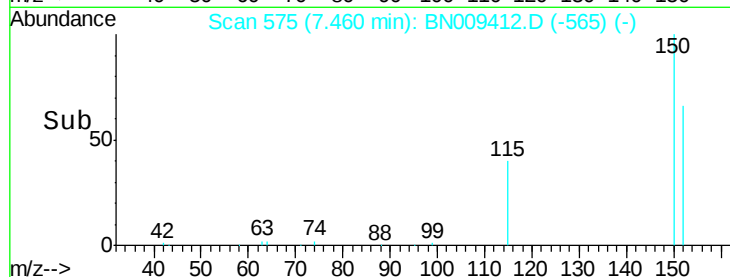
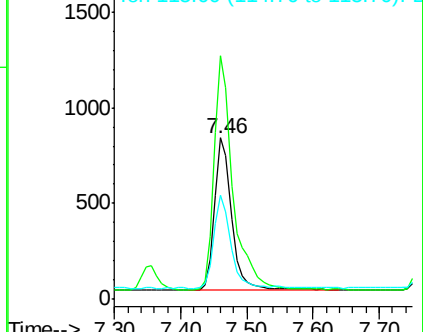
115 64.5 53.3 79.9



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: 0.406 ng

RT: 3.13 min Scan# 37

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

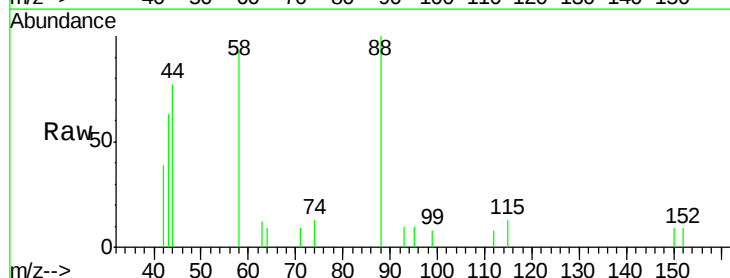
Tgt Ion: 88 Resp: 612

Ion Ratio Lower Upper

88 100

58 125.8 100.2 150.2

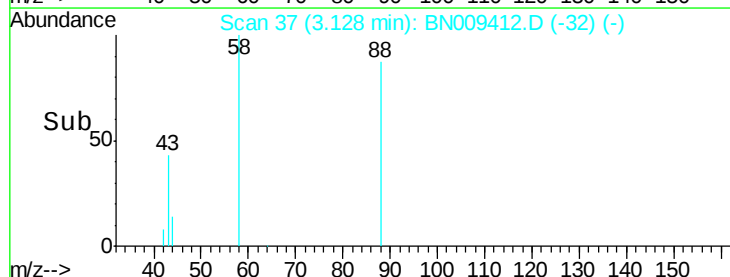
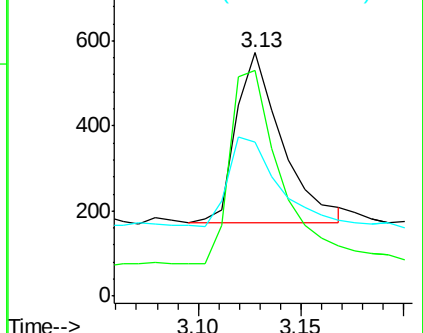
43 57.7 43.1 64.7

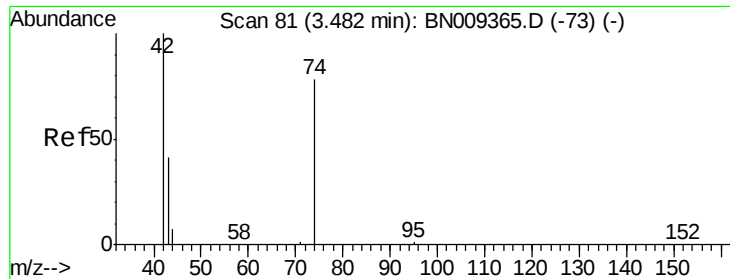


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.390 ng

RT: 3.47 min Scan# 79

Delta R.T. -0.02 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

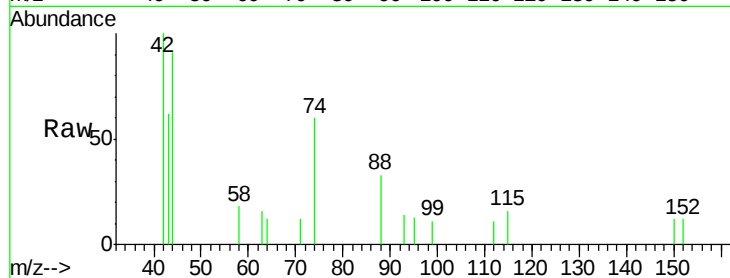
Tot Ion: 42 Resp: 908

Ion Ratio Lower Upper

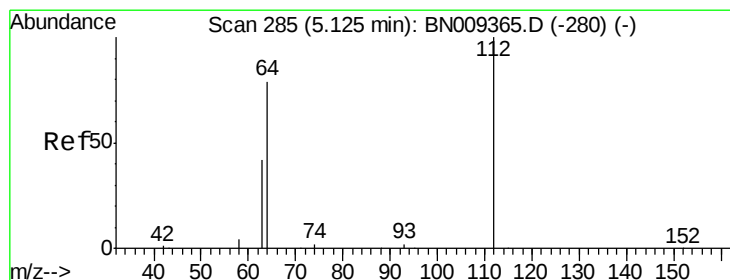
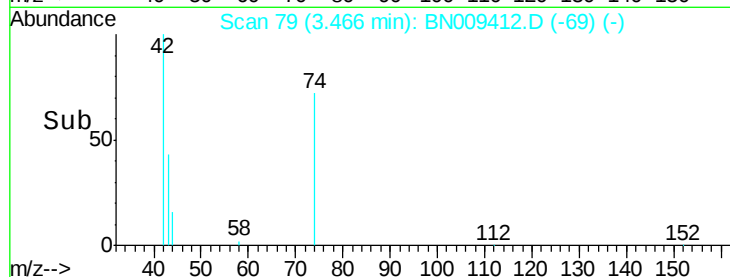
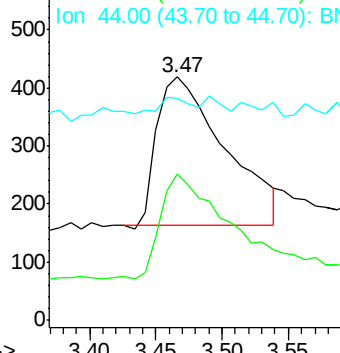
42 100

74 70.9 55.8 83.8

44 5.2 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: 0.376 ng

RT: 5.11 min Scan# 283

Delta R.T. -0.02 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

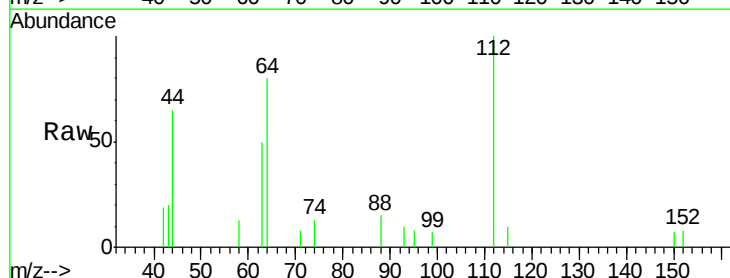
Tgt Ion: 112 Resp: 1251

Ion Ratio Lower Upper

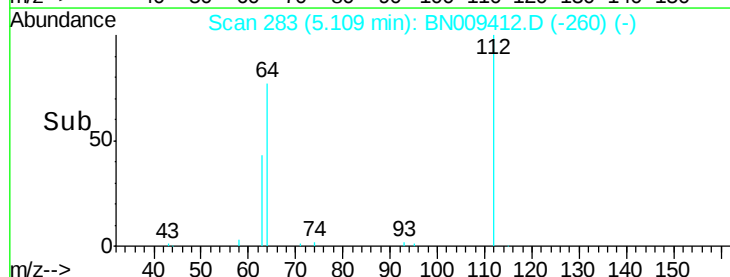
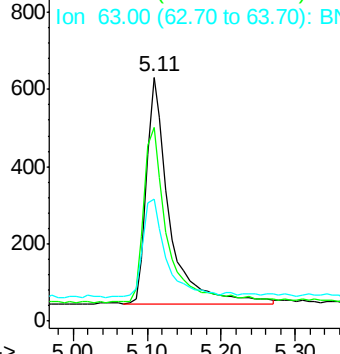
112 100

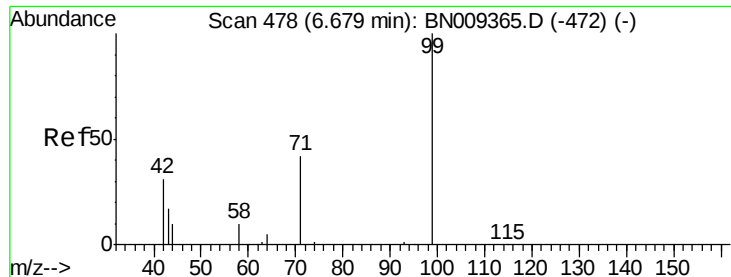
64 82.3 61.5 92.3

63 44.4 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: 0.376 ng

RT: 6.66 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

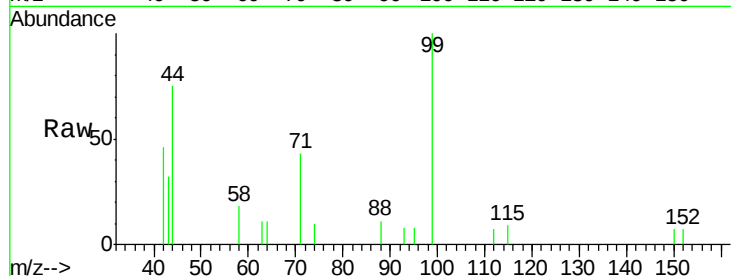
Tot Ion: 99 Resp: 1449

Ion Ratio Lower Upper

99 100

42 37.1 27.6 41.4

71 40.0 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009412.D (-476) (-)

Ion 42.00 (41.70 to 42.70): BN009412.D (-476) (-)

Ion 71.00 (70.70 to 71.70): BN009412.D (-476) (-)

6.66

600

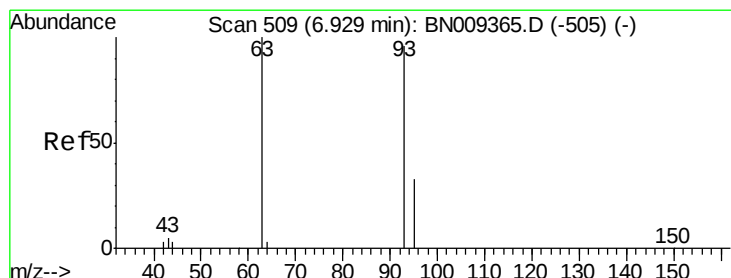
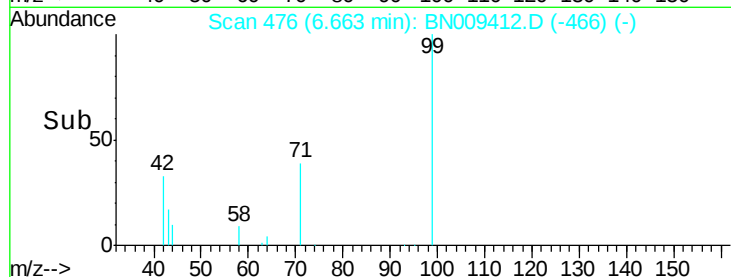
400

200

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.374 ng

RT: 6.91 min Scan# 507

Delta R.T. -0.02 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

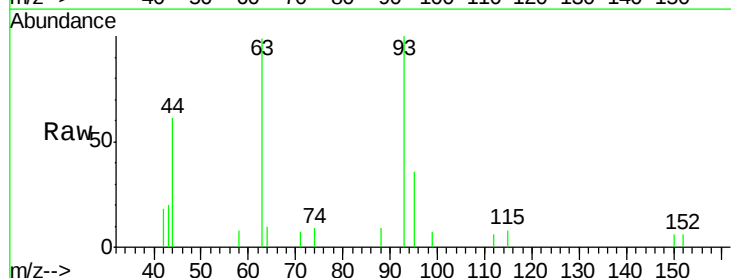
Tgt Ion: 93 Resp: 1485

Ion Ratio Lower Upper

93 100

63 105.5 85.1 127.7

95 35.1 30.2 45.4



Abundance Ion 93.00 (92.70 to 93.70): BN009412.D (-484) (-)

Ion 63.00 (62.70 to 63.70): BN009412.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN009412.D (-484) (-)

6.91

1200

1000

800

600

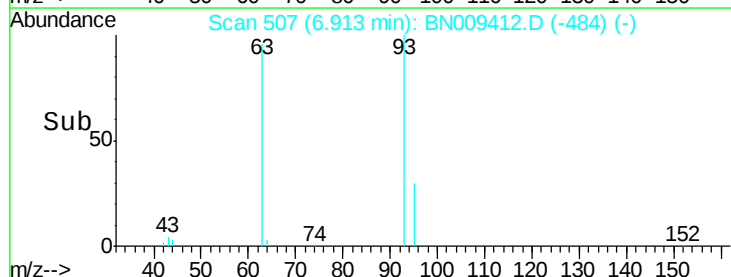
400

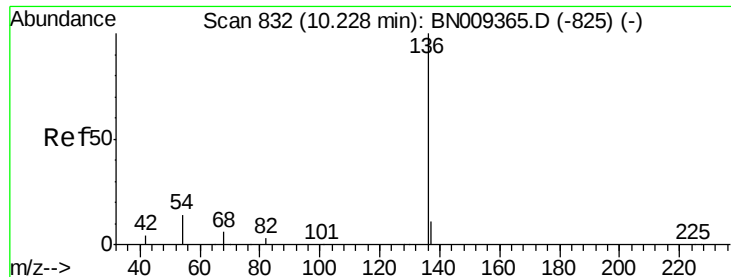
200

0

6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5172

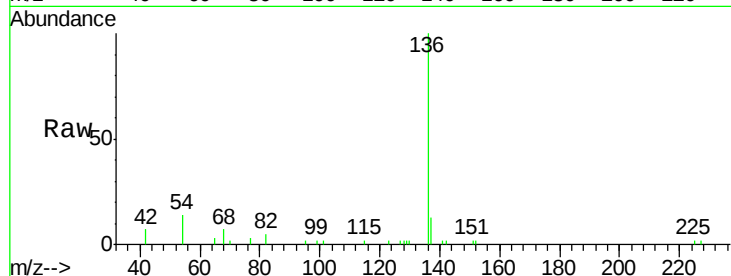
Ion Ratio Lower Upper

136 100

137 12.8 10.3 15.5

54 14.3 12.6 19.0

68 7.1 6.5 9.7

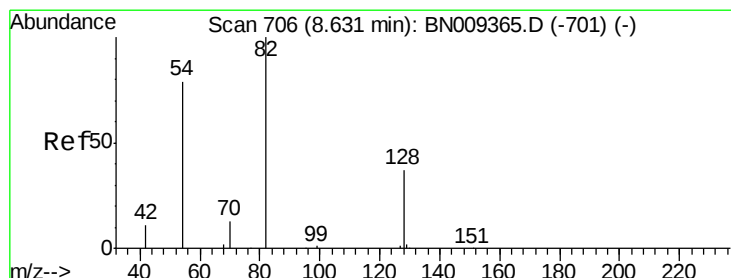
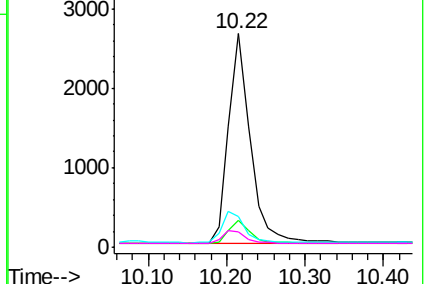
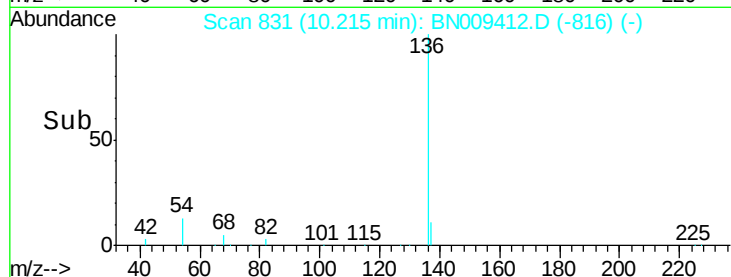


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

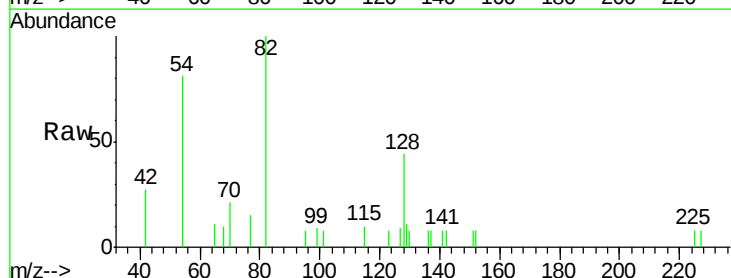
Tgt Ion: 82 Resp: 1510

Ion Ratio Lower Upper

82 100

128 43.8 34.8 52.2

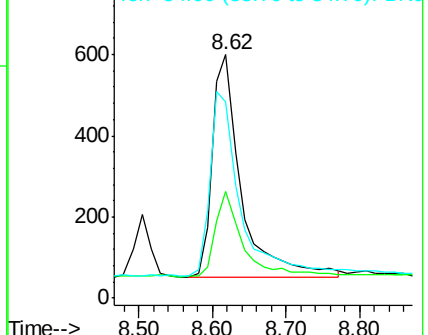
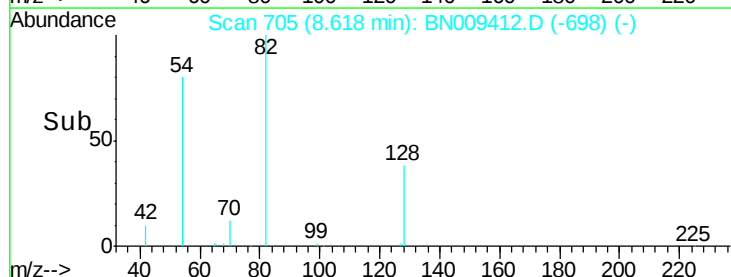
54 80.8 65.8 98.6

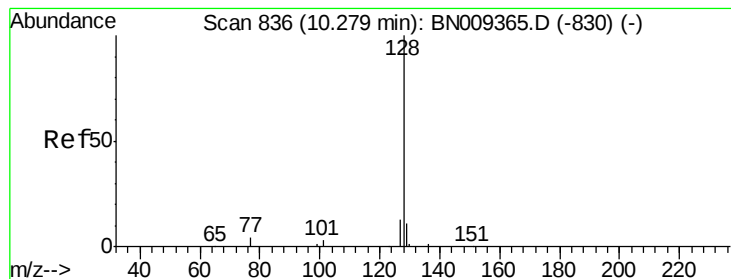


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.390 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

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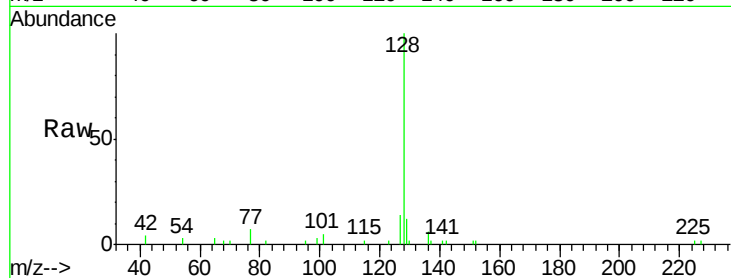
Tot Ion:128 Resp: 5455

Ion Ratio Lower Upper

128 100

129 12.4 10.4 15.6

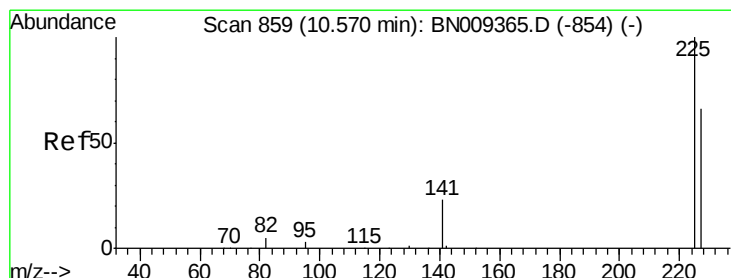
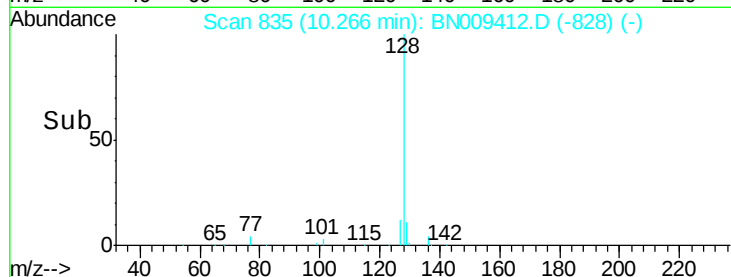
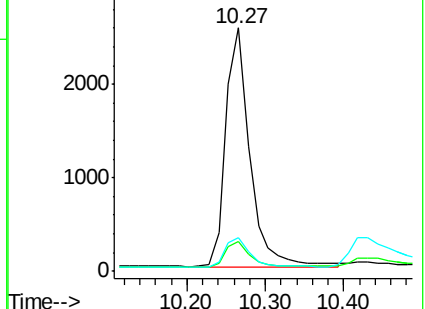
127 13.8 11.4 17.2



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: 0.405 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

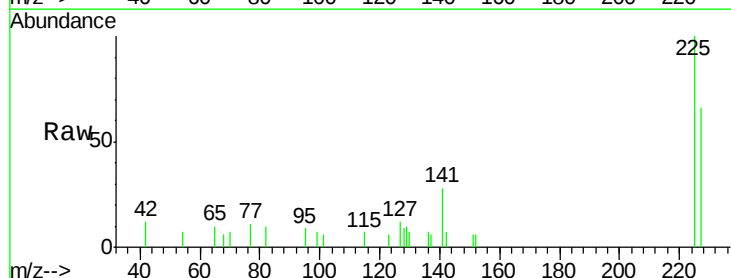
Tgt Ion:225 Resp: 1243

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

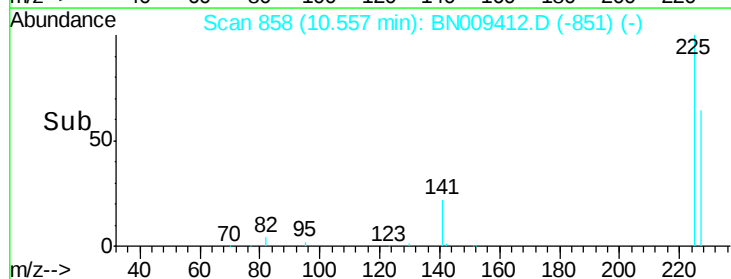
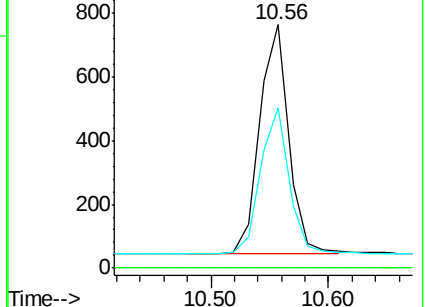
227 62.7 52.6 78.8

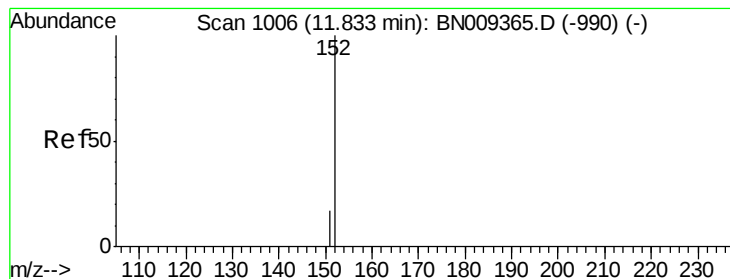


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 11.82 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

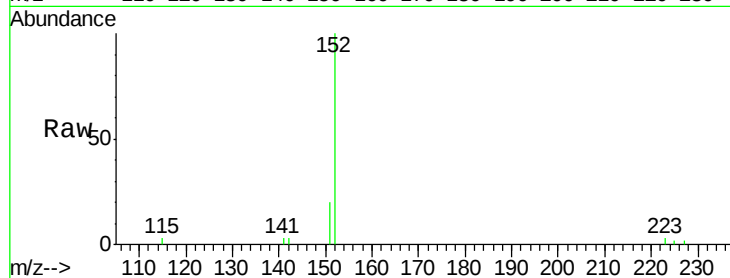
SSTDCCC0.4EC

Tot Ion:152 Resp: 3996

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

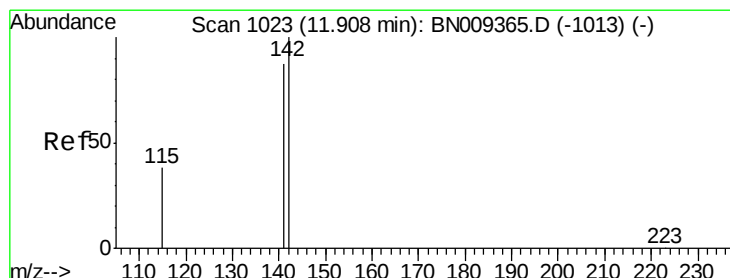
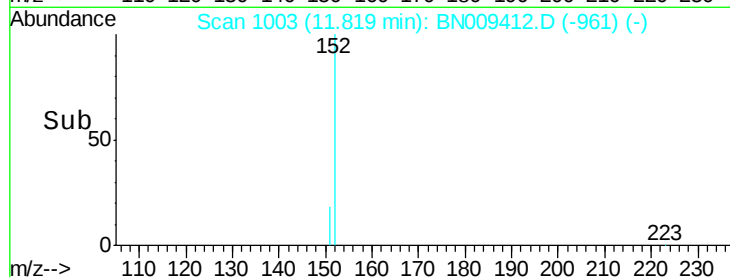
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.394 ng

RT: 11.89 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

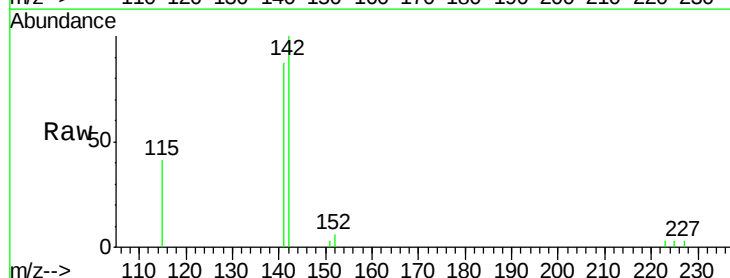
Tgt Ion:142 Resp: 3841

Ion Ratio Lower Upper

142 100

141 86.8 69.8 104.6

115 40.6 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

2500

2000

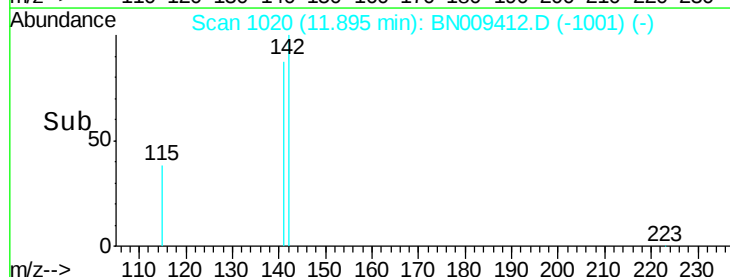
1500

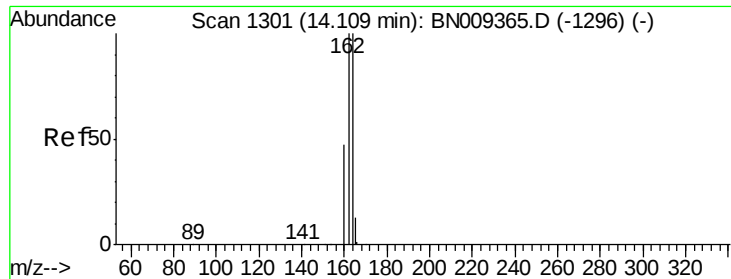
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

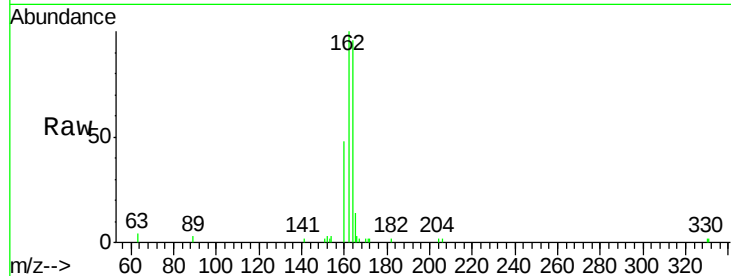
Tot Ion:164 Resp: 3446

Ion Ratio Lower Upper

164 100

162 104.6 79.8 119.6

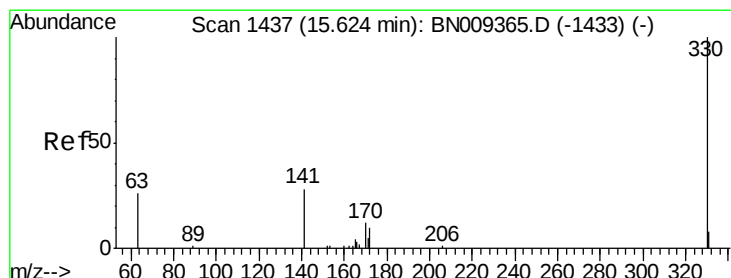
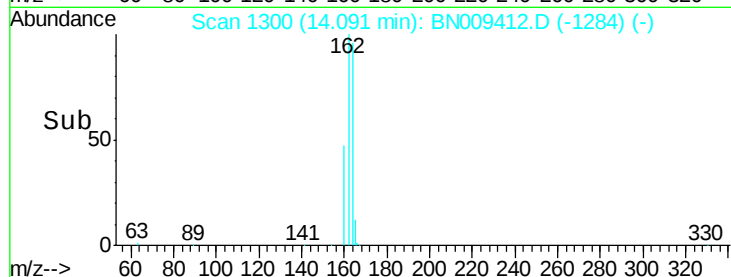
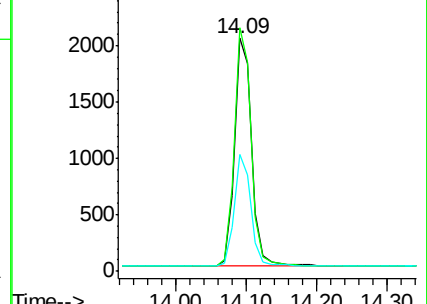
160 50.0 38.4 57.6



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: 0.341 ng

RT: 15.61 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

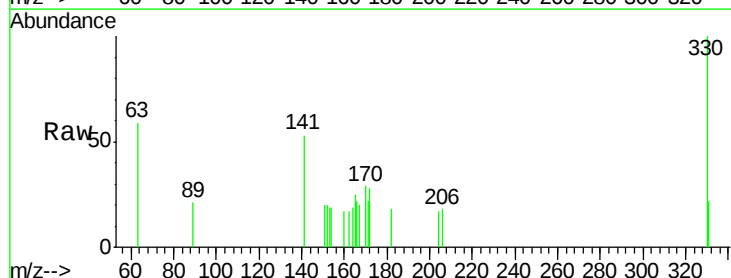
Tgt Ion:330 Resp: 445

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

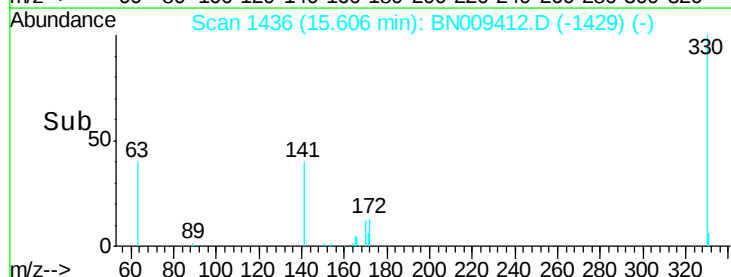
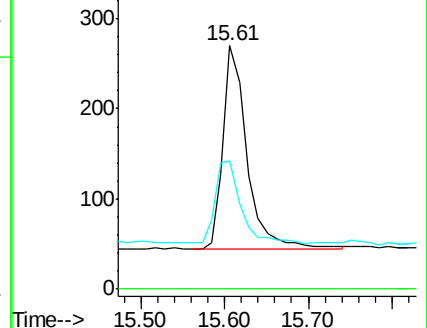
141 42.9 33.1 49.7

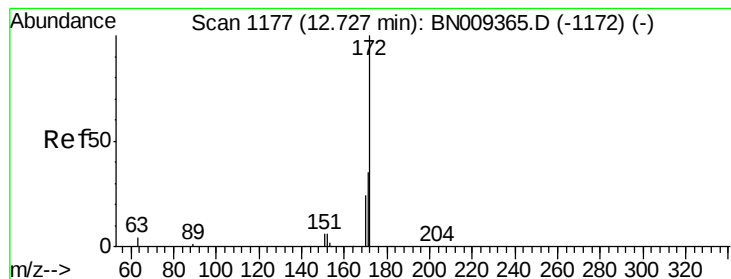


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

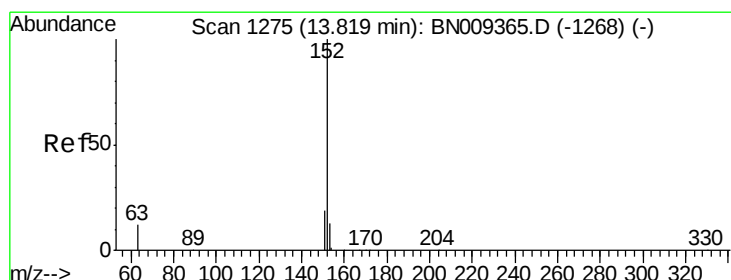
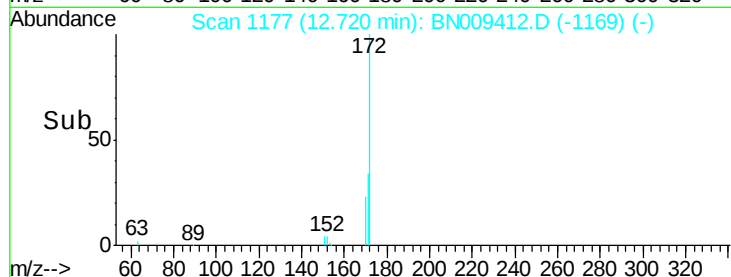
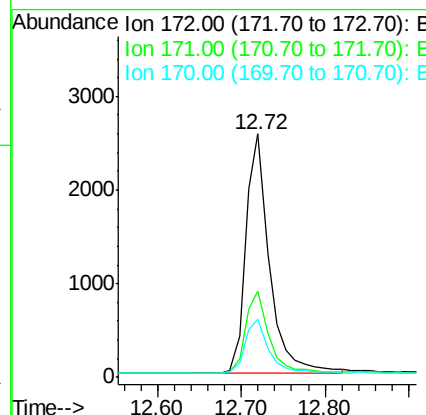
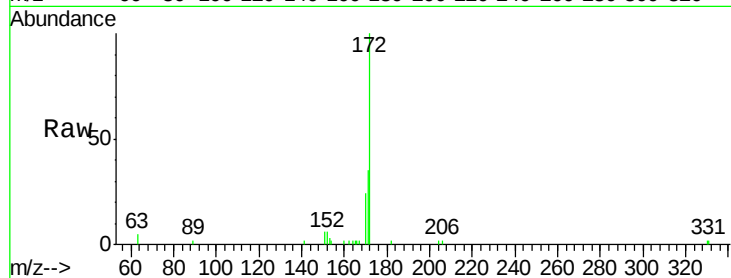




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

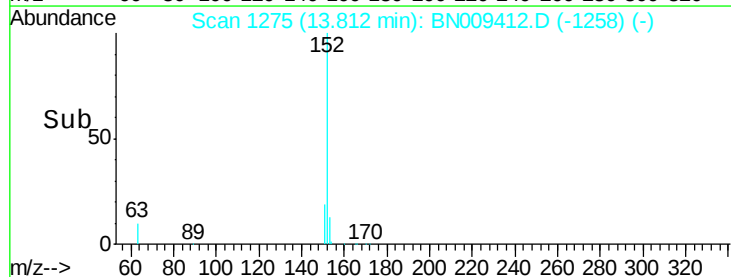
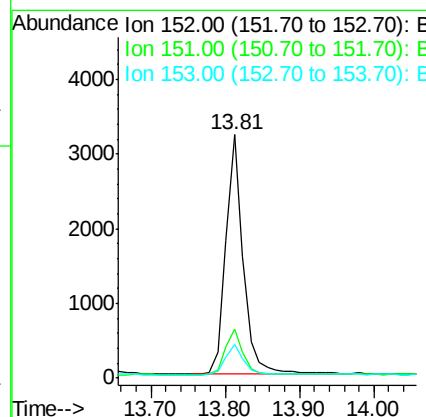
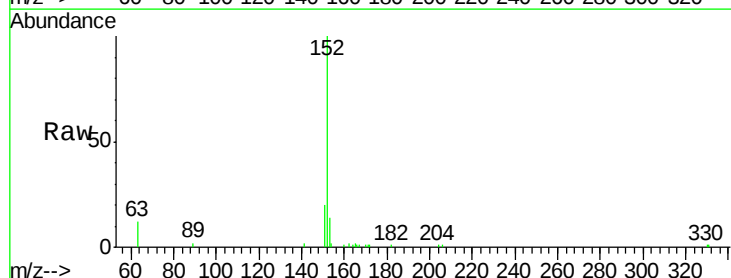
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

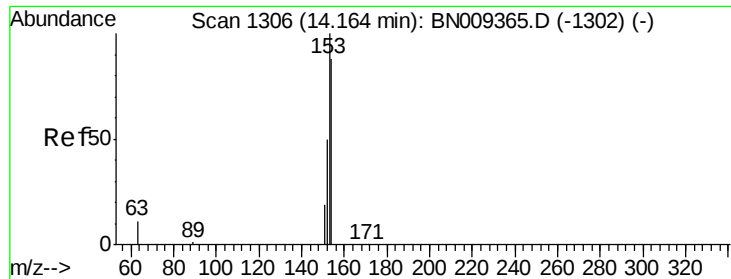
Tot Ion:172 Resp: 4969
Ion Ratio Lower Upper
172 100
171 35.2 29.5 44.3
170 24.0 20.7 31.1



#16
Acenaphthylene
Concen: 0.352 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:152 Resp: 5231
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.381 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

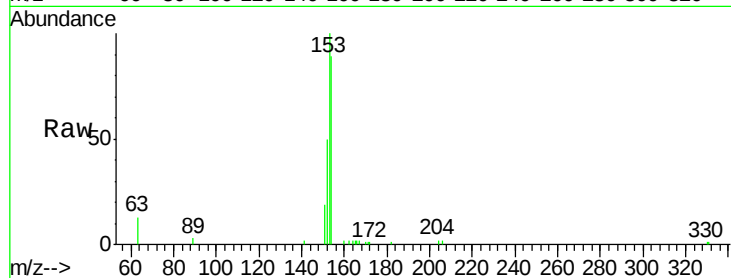
Tot Ion:154 Resp: 3980

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

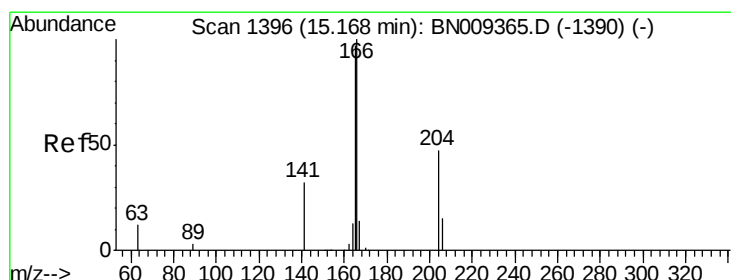
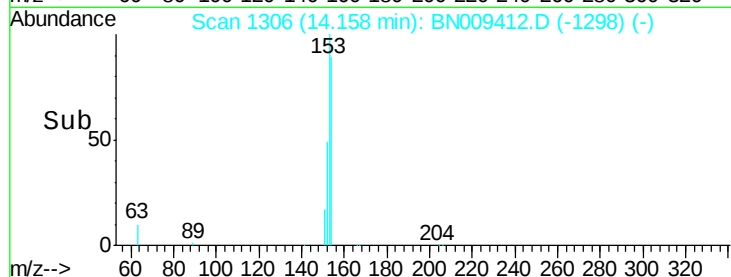
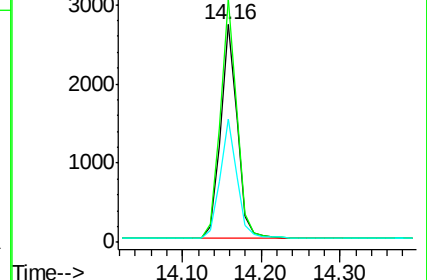
152 56.5 45.3 67.9



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: 0.379 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

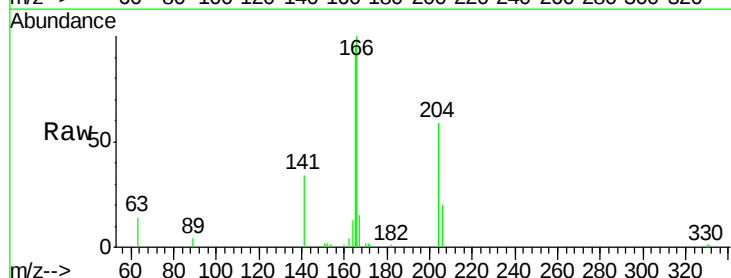
Tgt Ion:166 Resp: 5157

Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.2

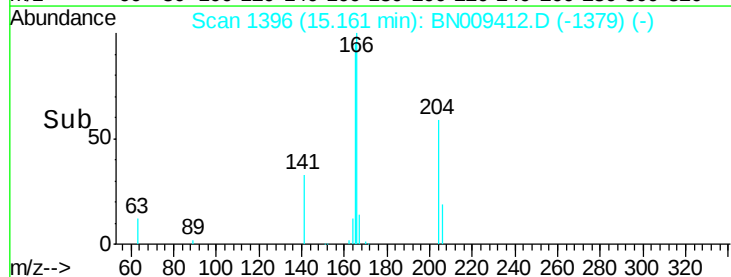
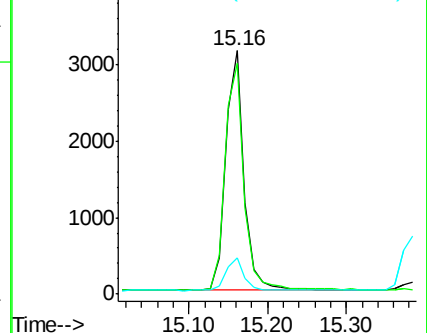
167 13.6 11.0 16.6

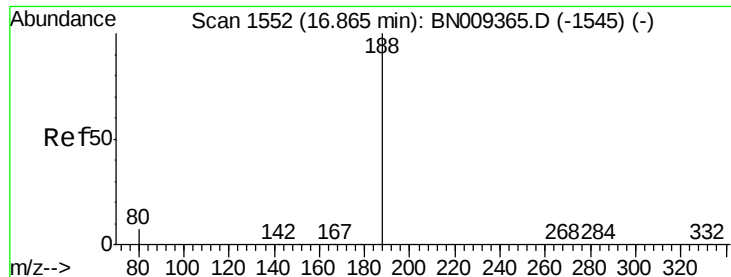


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

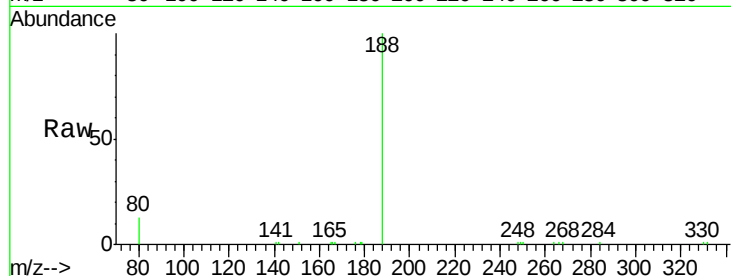
Tot Ion:188 Resp: 7787

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

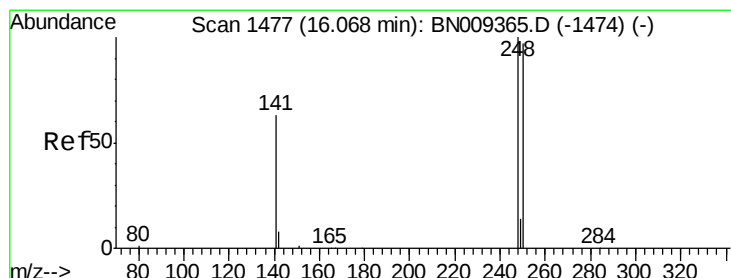
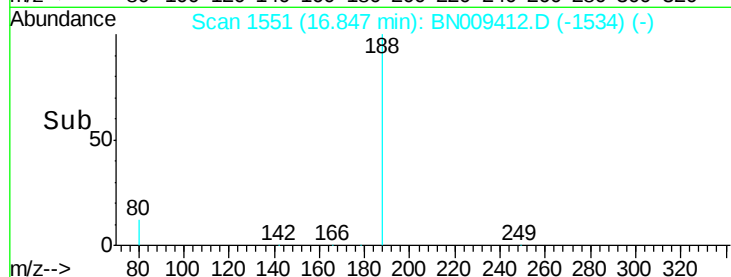
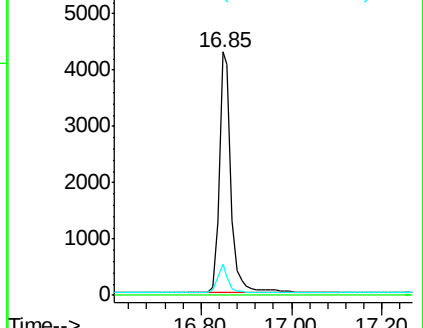
80 12.8 6.6 10.0#



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: 0.364 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

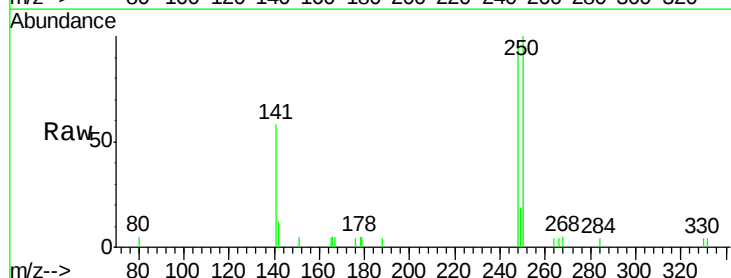
Tgt Ion:248 Resp: 1705

Ion Ratio Lower Upper

248 100

250 101.8 77.8 116.8

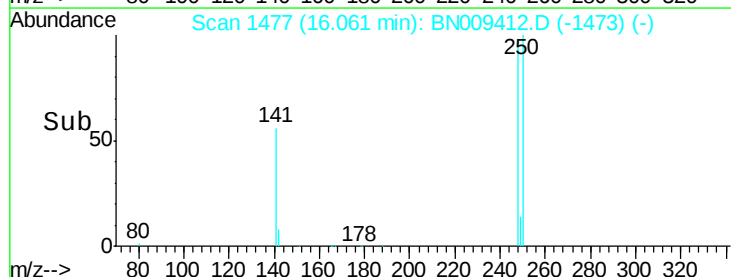
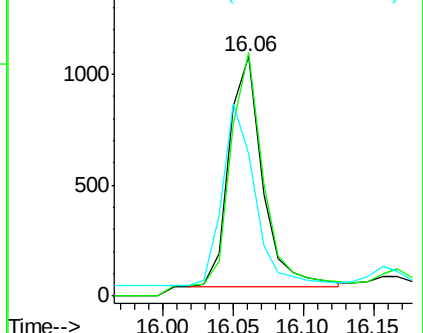
141 59.4 53.4 80.0

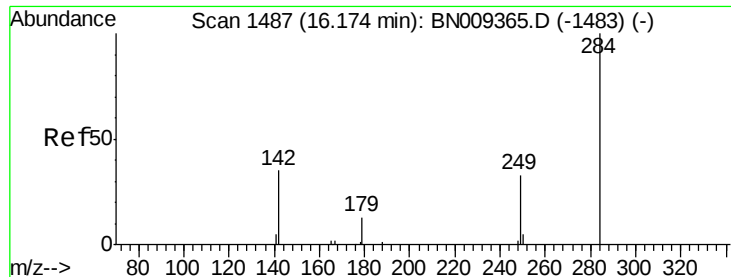


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.357 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

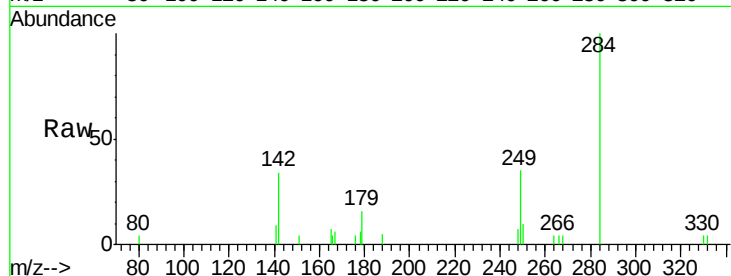
Tot Ion:284 Resp: 1784

Ion Ratio Lower Upper

284 100

142 44.2 33.8 50.8

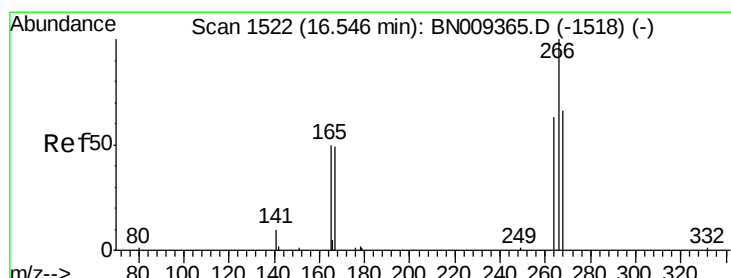
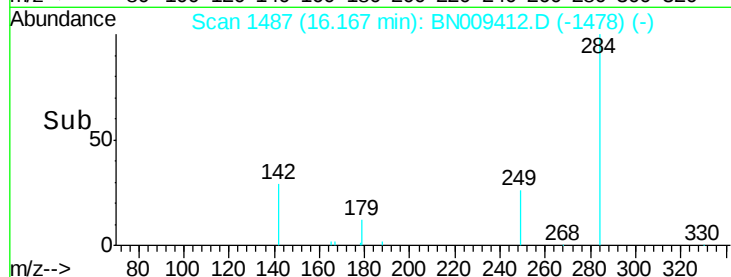
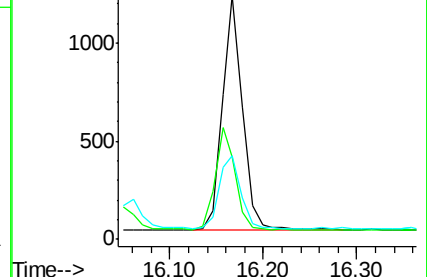
249 33.2 27.0 40.4



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: 0.380 ng

RT: 16.54 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

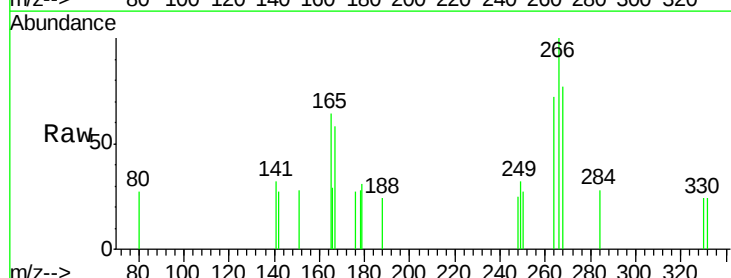
Tgt Ion:266 Resp: 411

Ion Ratio Lower Upper

266 100

264 71.7 57.8 86.6

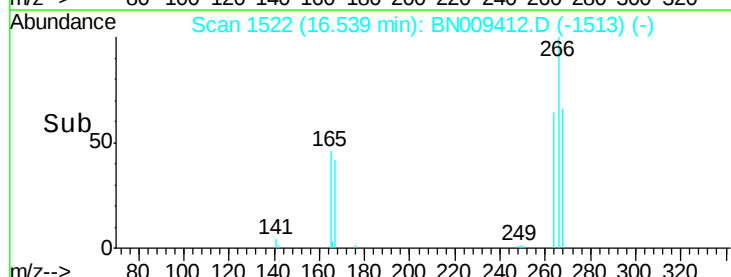
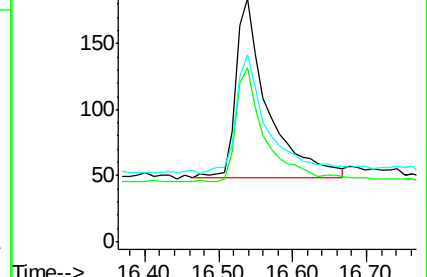
268 77.2 63.8 95.6



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





#23

Phenanthrene

Concen: 0.368 ng

RT: 16.89 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

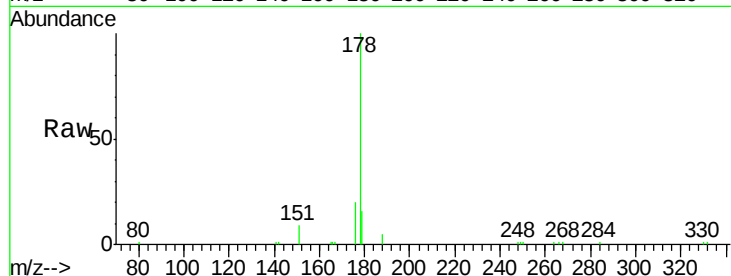
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 8600

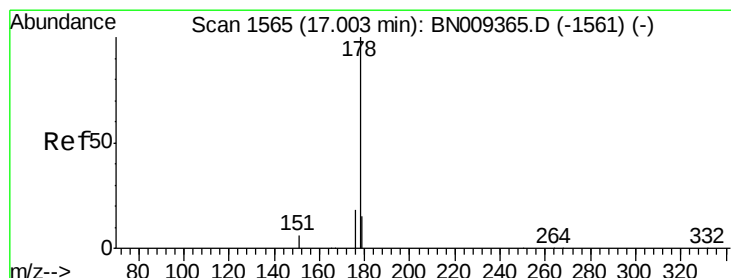
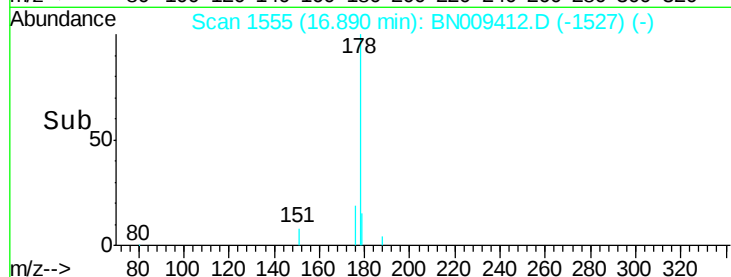
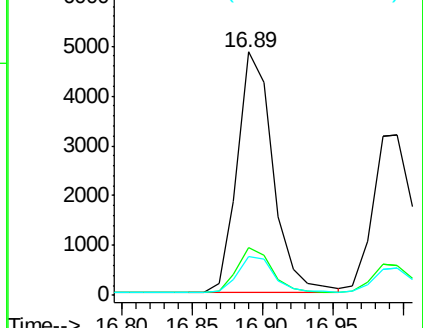
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.3	18.5



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: 0.352 ng

RT: 17.00 min Scan# 1565

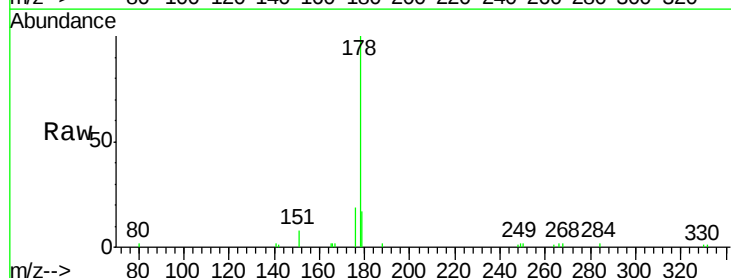
Delta R.T. -0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Tgt Ion:178 Resp: 6908

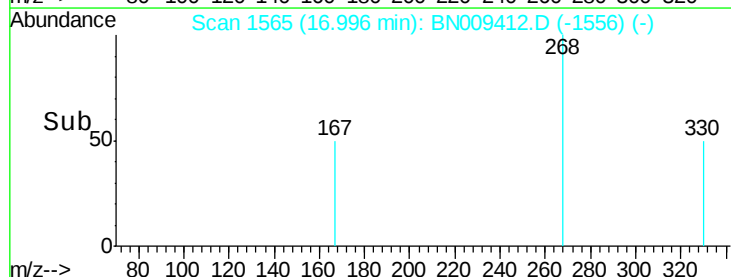
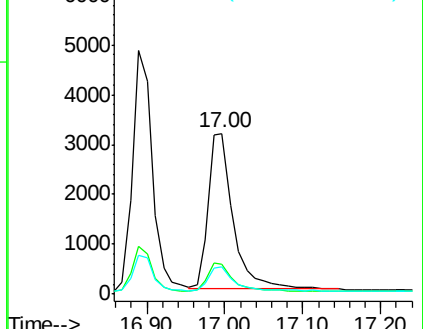
Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.5	18.7

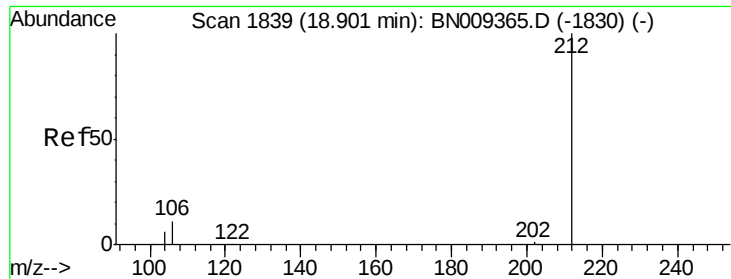


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

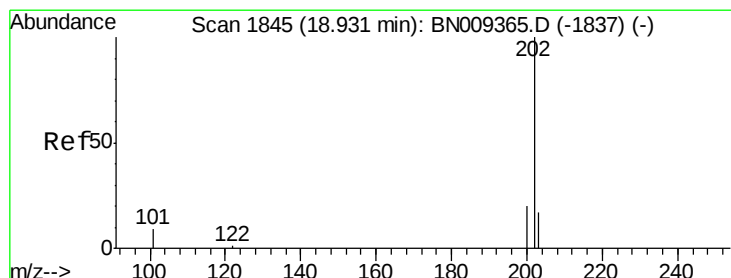
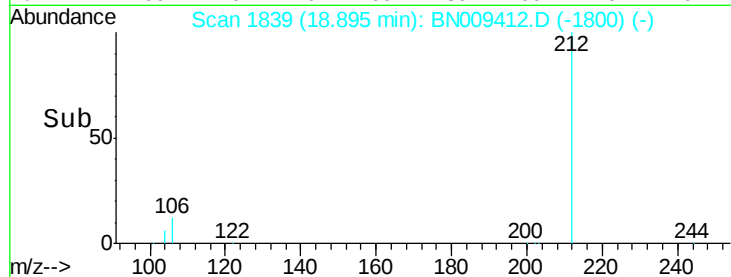
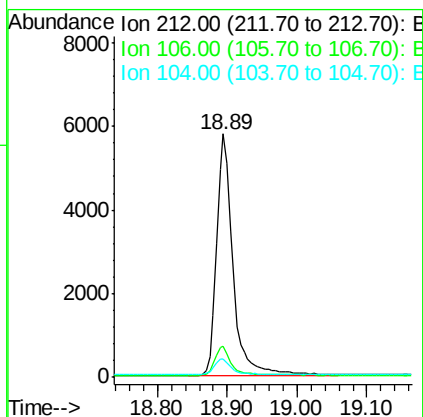
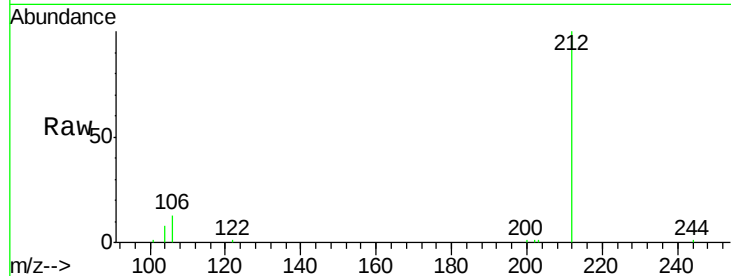




#25
 Fluoranthene-d10
 Concen: 0.353 ng
 RT: 18.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BN009412.D
 Acq: 21 Jan 2020 14:35

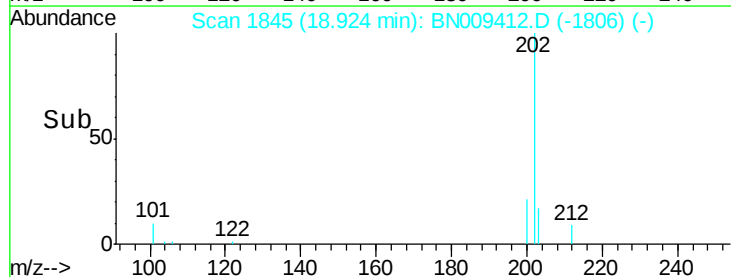
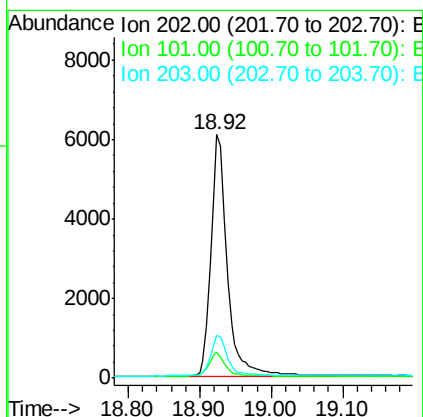
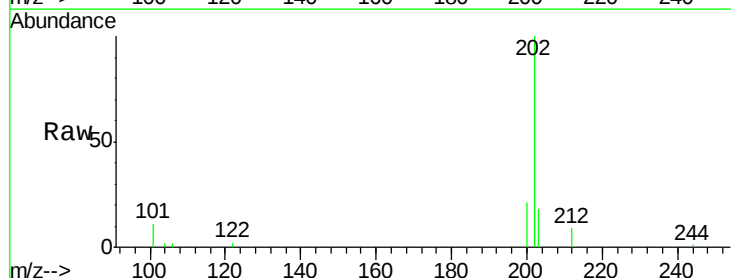
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

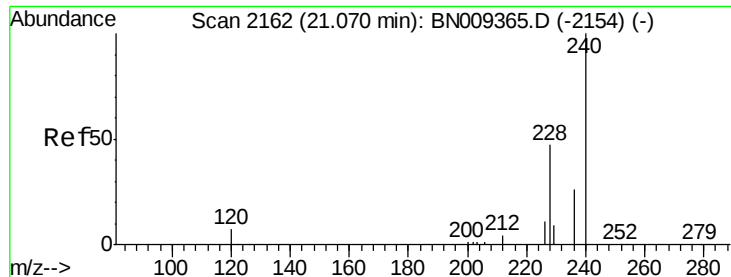
Tot Ion:212 Resp: 9420
 Ion Ratio Lower Upper
 212 100
 106 11.8 9.2 13.8
 104 6.8 5.4 8.0



#26
 Fluoranthene
 Concen: 0.353 ng
 RT: 18.92 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BN009412.D
 Acq: 21 Jan 2020 14:35

Tgt Ion:202 Resp: 9683
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.0 12.0
 203 16.9 13.5 20.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

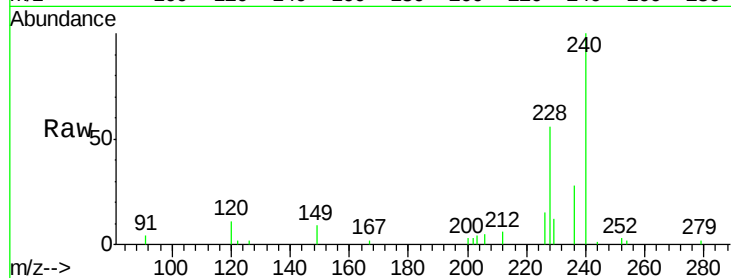
Tot Ion:240 Resp: 6424

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

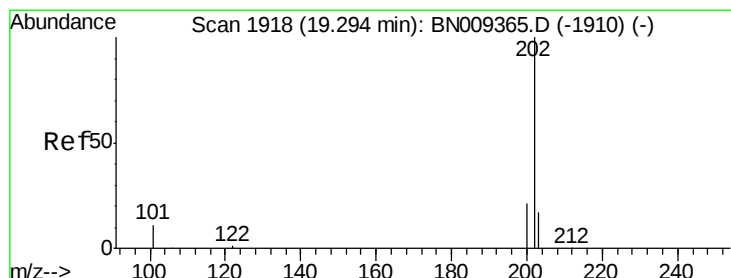
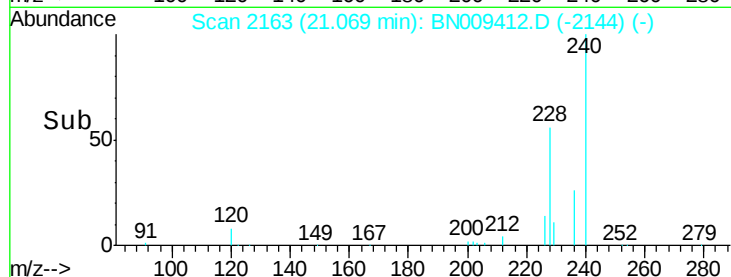
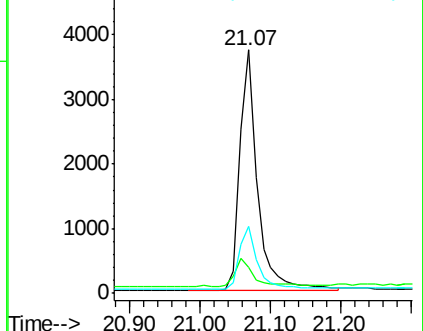
236 27.7 22.2 33.4



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: 0.398 ng

RT: 19.29 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

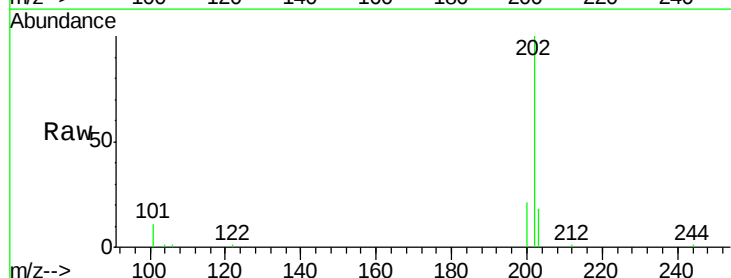
Tgt Ion:202 Resp: 9701

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

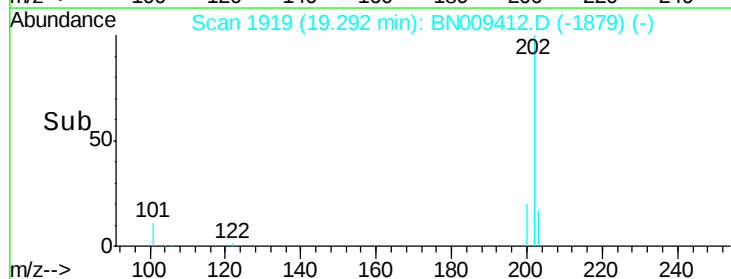
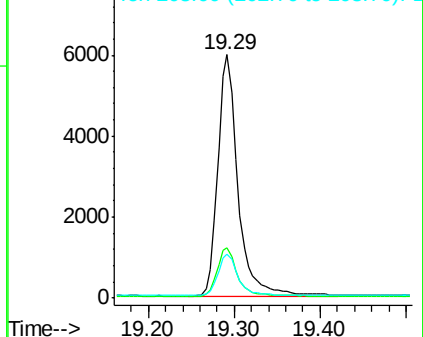
203 17.5 14.1 21.1

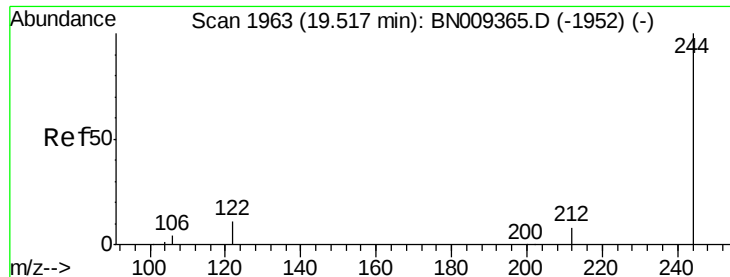


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.52 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

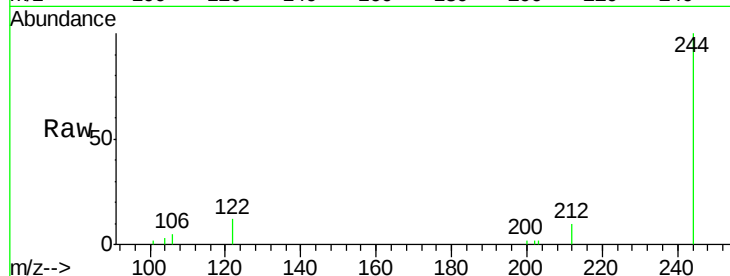
Tot Ion:244 Resp: 5866

Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

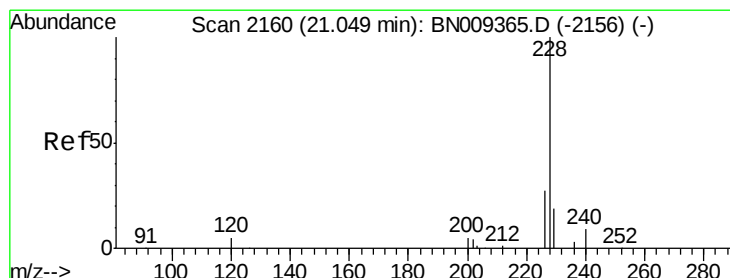
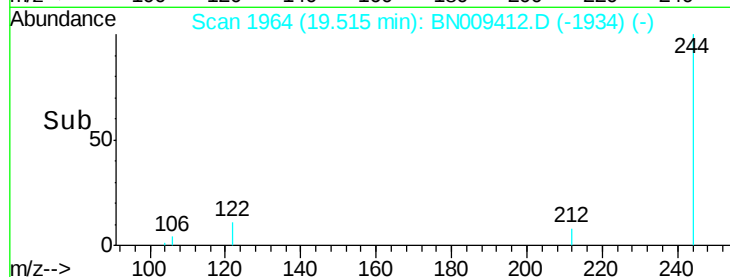
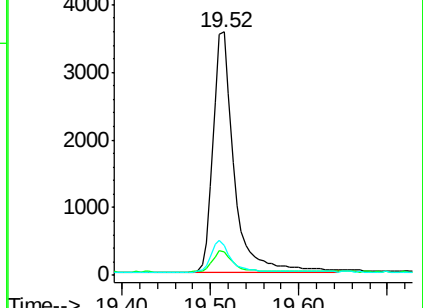
122 12.0 9.8 14.6



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: 0.359 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

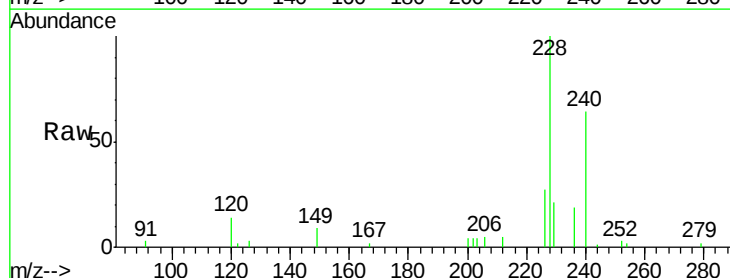
Tgt Ion:228 Resp: 7580

Ion Ratio Lower Upper

228 100

226 26.8 22.5 33.7

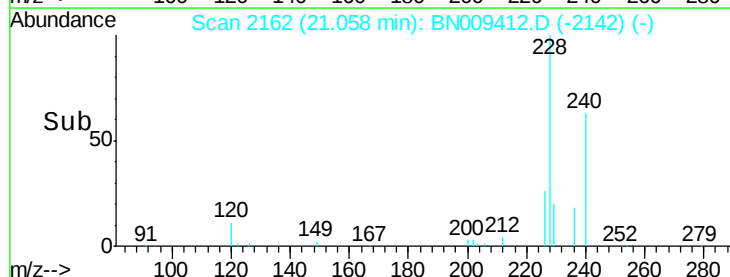
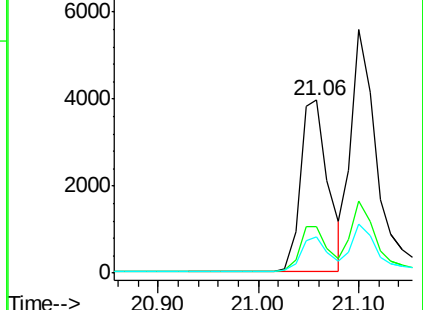
229 20.6 16.1 24.1

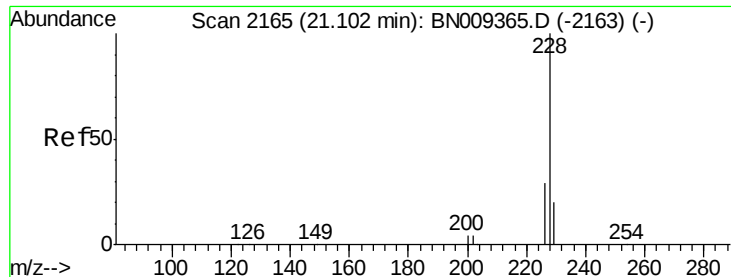


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

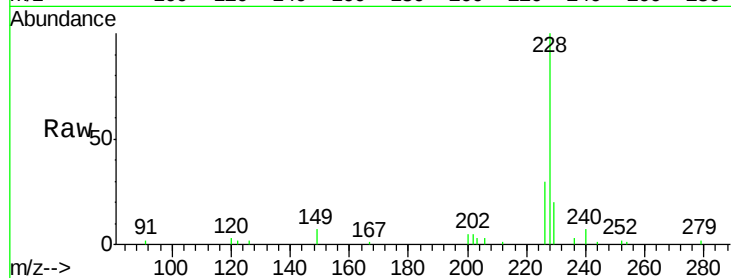
Tot Ion:228 Resp: 9580

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

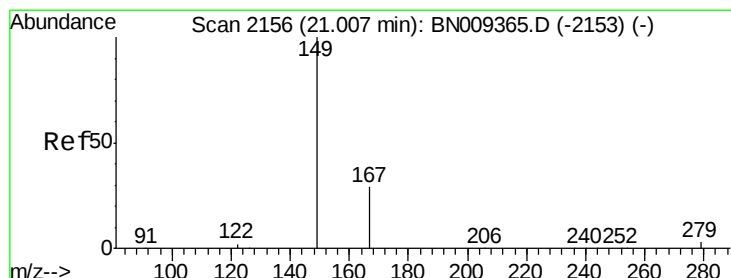
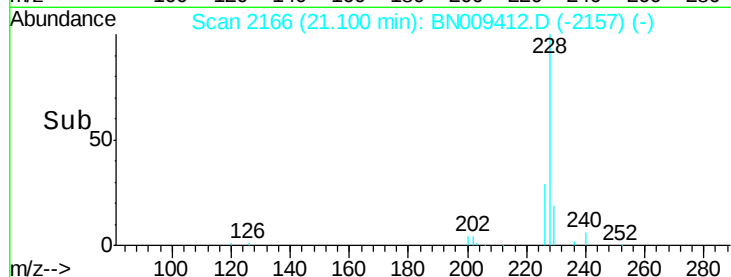
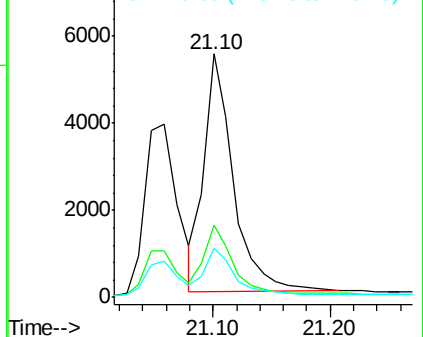
229 20.2 16.6 24.8



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: 0.348 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

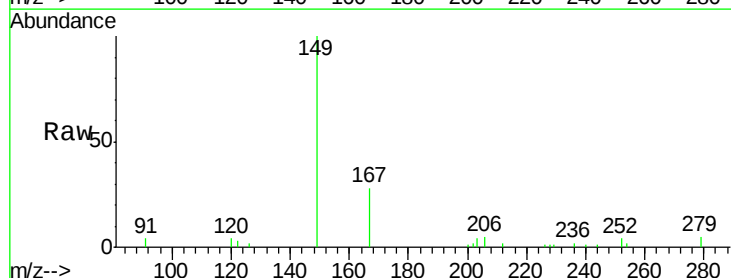
Tgt Ion:149 Resp: 3245

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

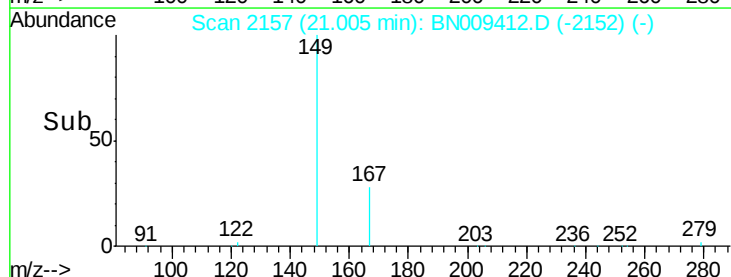
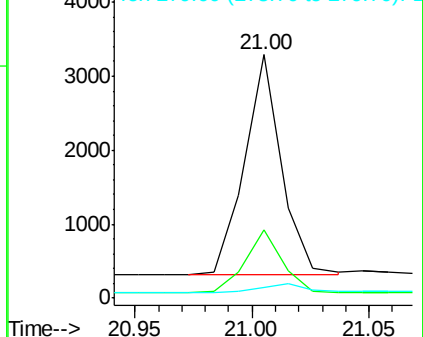
279 4.6 3.4 5.0

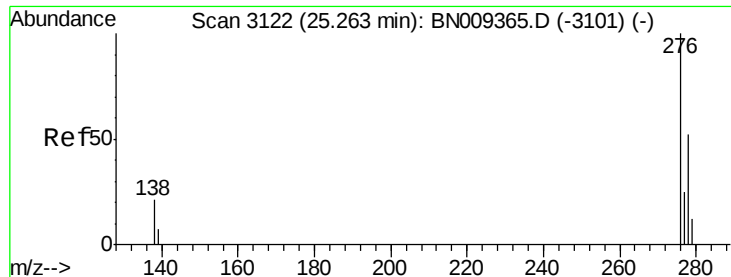


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

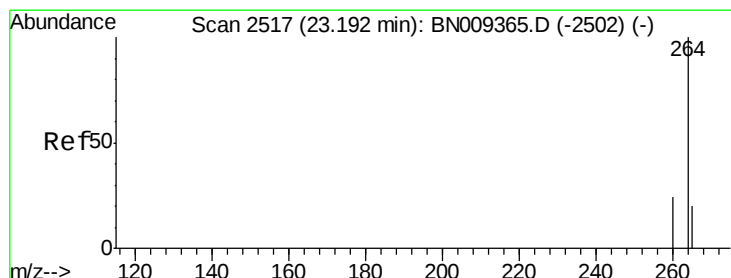
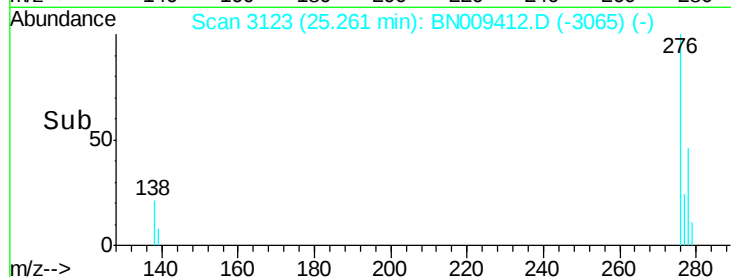
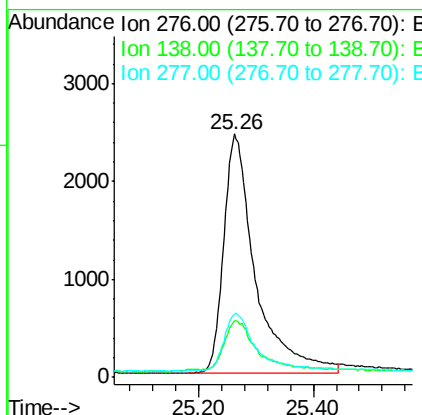
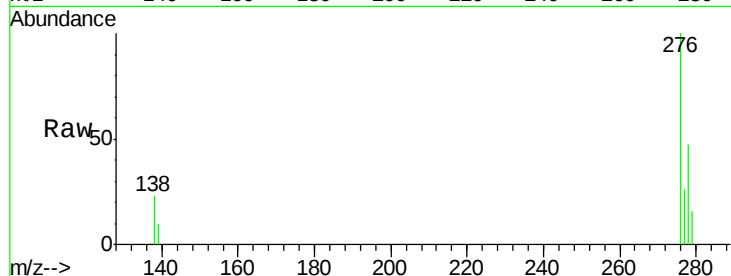




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng
RT: 25.26 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

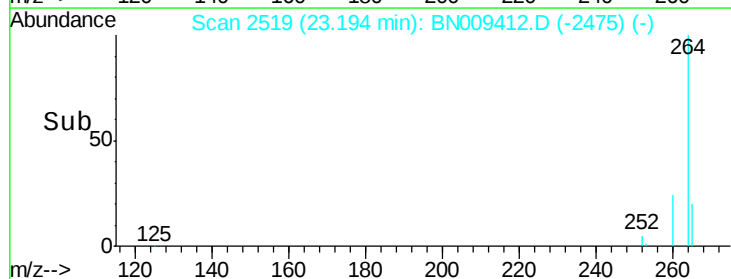
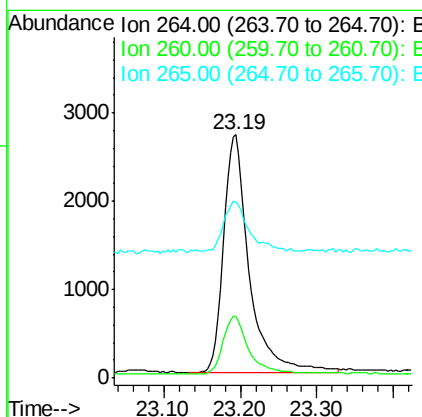
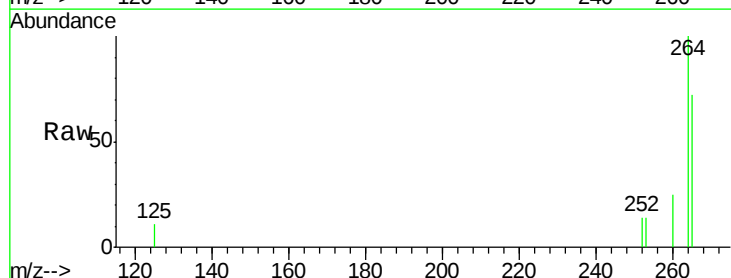
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

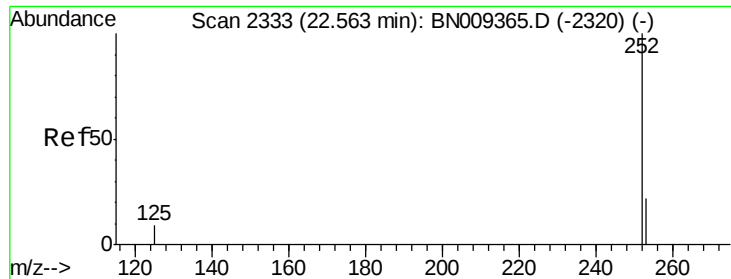
Tot Ion:276 Resp: 9326
Ion Ratio Lower Upper
276 100
138 21.3 15.9 23.9
277 24.4 19.8 29.6



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:264 Resp: 6332
Ion Ratio Lower Upper
264 100
260 25.2 20.1 30.1
265 72.1 68.2 102.4

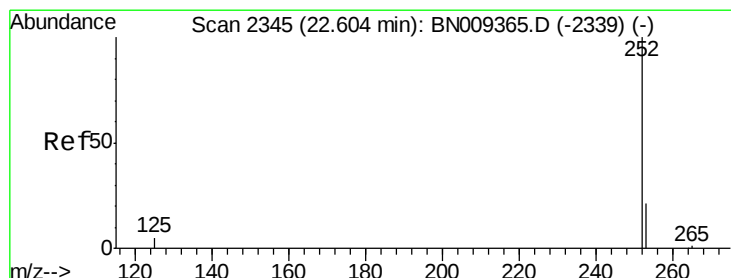
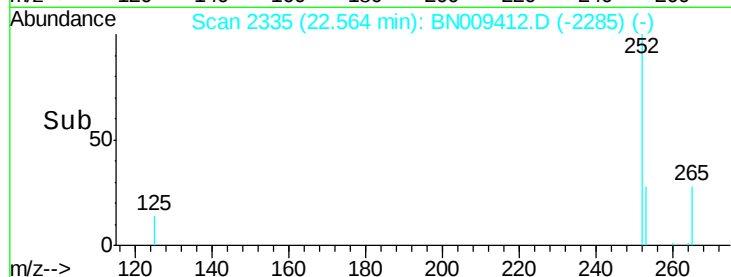
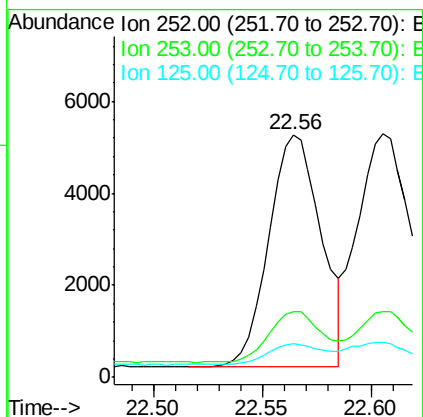
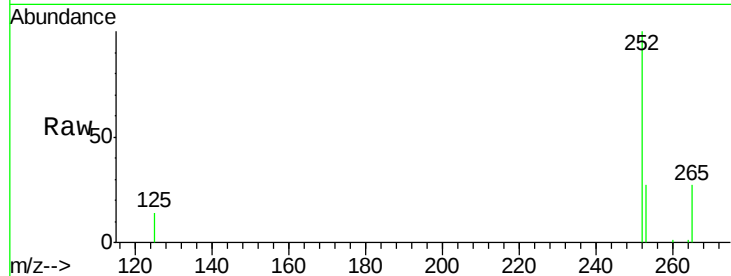




#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 22.56 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

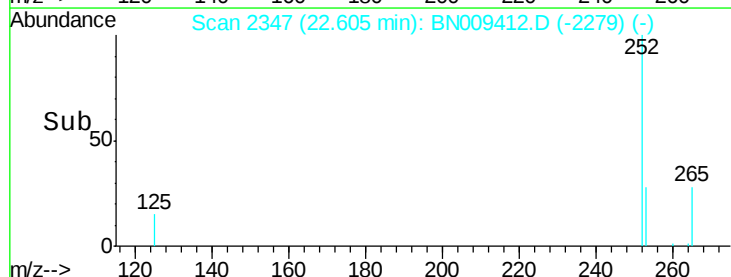
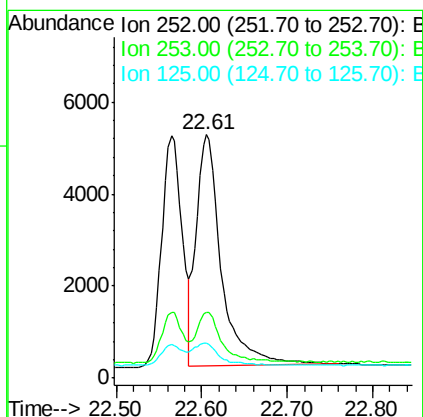
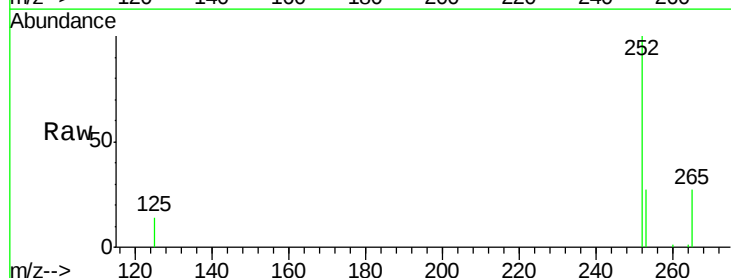
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

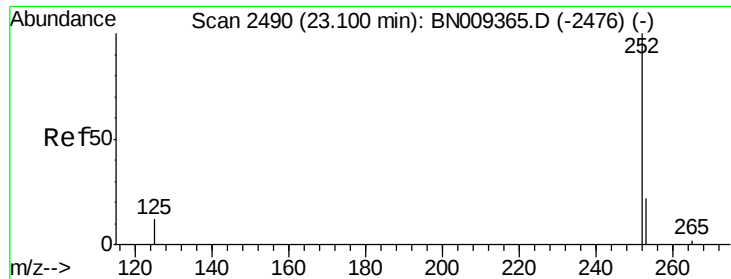
Tot Ion:252 Resp: 8403
Ion Ratio Lower Upper
252 100
253 26.9 22.4 33.6
125 13.8 11.6 17.4



#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.61 min Scan# 2347
Delta R.T. 0.00 min
Lab File: BN009412.D
Acq: 21 Jan 2020 14:35

Tgt Ion:252 Resp: 10249
Ion Ratio Lower Upper
252 100
253 27.2 21.9 32.9
125 14.2 12.0 18.0





#37

Benzo(a)pyrene

Concen: 0.376 ng

RT: 23.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

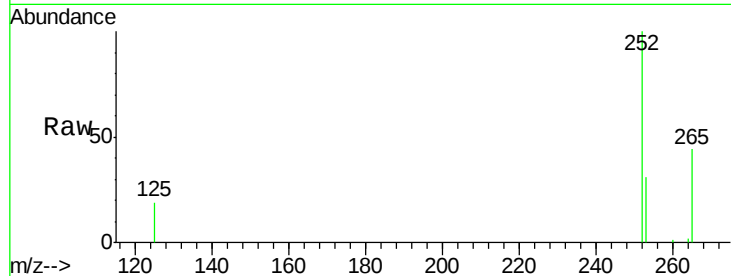
Tot Ion:252 Resp: 7700

Ion Ratio Lower Upper

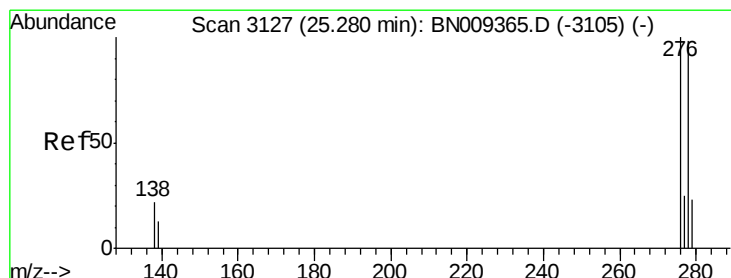
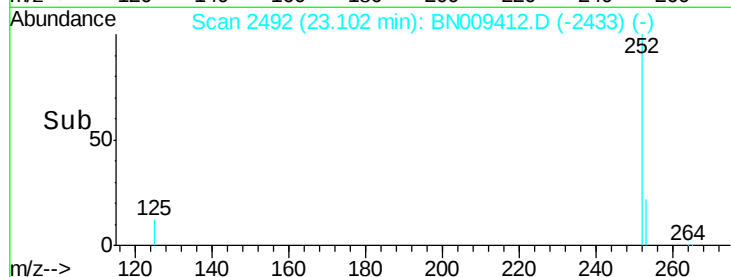
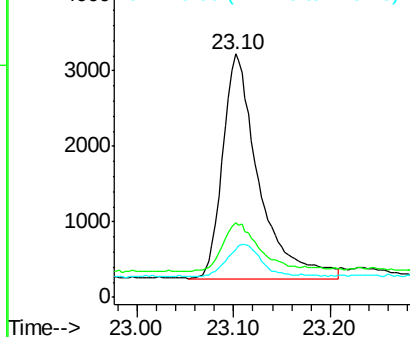
252 100

253 30.9 25.4 38.0

125 19.5 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: 0.349 ng

RT: 25.28 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

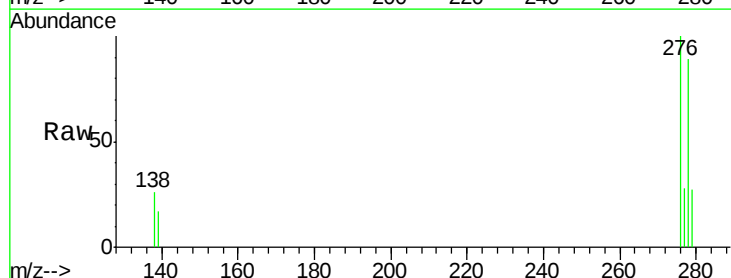
Tgt Ion:278 Resp: 7200

Ion Ratio Lower Upper

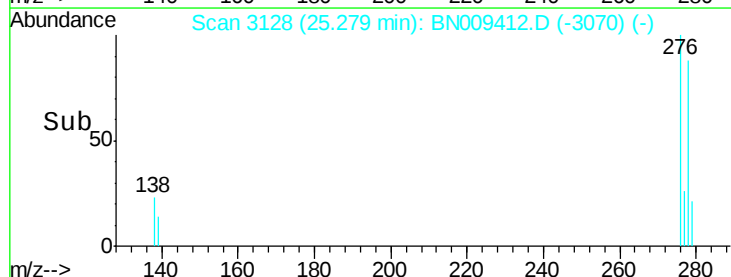
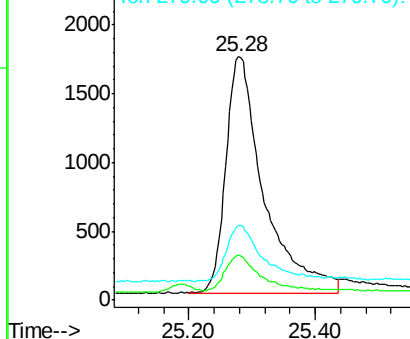
278 100

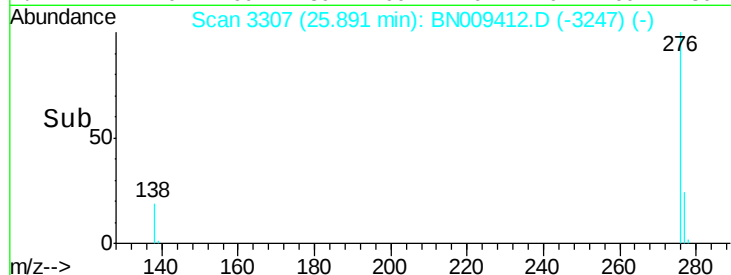
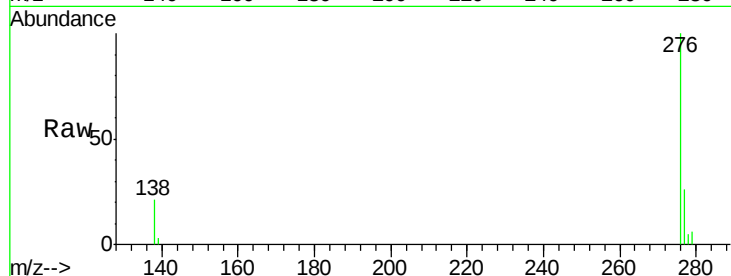
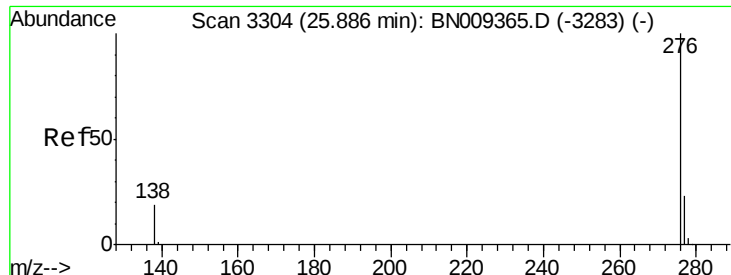
139 18.8 14.5 21.7

279 30.7 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: 0.368 ng

RT: 25.89 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BN009412.D

Acq: 21 Jan 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion: 276 Resp: 8356

Ion Ratio Lower Upper

276 100

277 26.2 20.6 30.8

138 21.5 17.1 25.7

