

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009372.D
 Acq On : 15 Jan 2020 10:21
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 15 16:11:24 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	2228	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	7784	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	4976	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	11300	0.40	ng	0.00
27) Chrysene-d12	21.06	240	10344	0.40	ng	-0.01
34) Perylene-d12	23.19	264	10460	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	2173	0.42	ng	0.00
5) Phenol-d6	6.68	99	2544	0.43	ng	0.00
8) Nitrobenzene-d5	8.62	82	2503	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.83	152	6115	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	740	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	7663	0.41	ng	0.00
25) Fluoranthene-d10	18.89	212	15205	0.39	ng	0.00
29) Terphenyl-d14	19.51	244	9832	0.40	ng	0.00

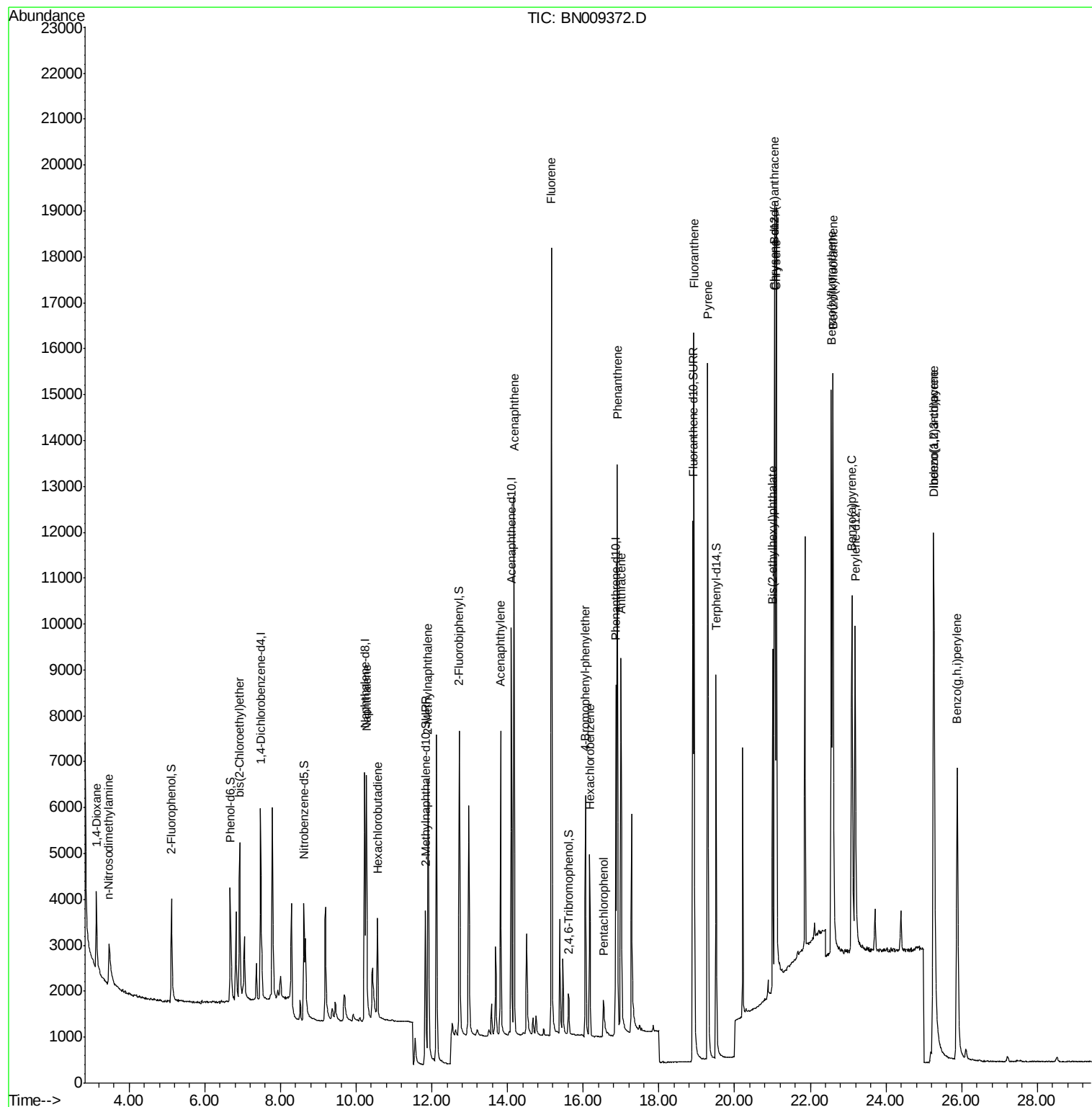
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	830	0.357	ng	91
3) n-Nitrosodimethylamine	3.47	42	1340	0.373	ng	# 90
6) bis(2-Chloroethyl)ether	6.92	93	2793	0.457	ng	# 89
9) Naphthalene	10.28	128	8501	0.404	ng	98
10) Hexachlorobutadiene	10.57	225	1876	0.406	ng	# 97
12) 2-Methylnaphthalene	11.90	142	6023	0.410	ng	98
16) Acenaphthylene	13.82	152	8598	0.401	ng	100
17) Acenaphthene	14.17	154	6216	0.412	ng	99
18) Fluorene	15.16	166	8045	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	2688	0.395	ng	99
21) Hexachlorobenzene	16.17	284	2838	0.392	ng	99
22) Pentachlorophenol	16.54	266	741	0.437	ng	90
23) Phenanthrene	16.90	178	13468	0.397	ng	100
24) Anthracene	17.00	178	11202	0.393	ng	99
26) Fluoranthene	18.92	202	15798	0.397	ng	100
28) Pyrene	19.29	202	15797	0.403	ng	100
30) Benzo(a)anthracene	21.05	228	13822	0.407	ng	99
31) Chrysene	21.10	228	15455	0.397	ng	99
32) Bis(2-ethylhexyl)phthalate	21.00	149	5986	0.398	ng	99
33) Indeno(1,2,3-cd)pyrene	25.26	276	16671	0.412	ng	99
35) Benzo(b)fluoranthene	22.56	252	14772	0.384	ng	95
36) Benzo(k)fluoranthene	22.60	252	17611	0.415	ng	97
37) Benzo(a)pyrene	23.10	252	13632	0.403	ng	94
38) Dibenzo(a,h)anthracene	25.27	278	13175	0.387	ng	94
39) Benzo(g,h,i)perylene	25.88	276	14306	0.382	ng	98

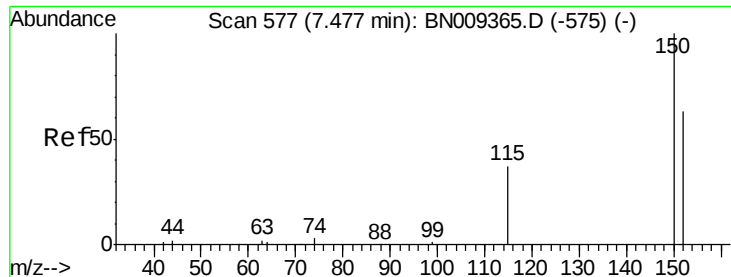
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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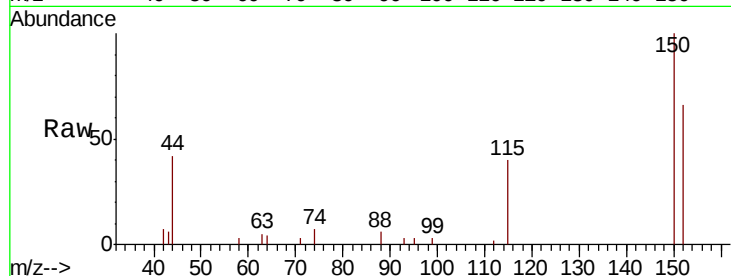


#1

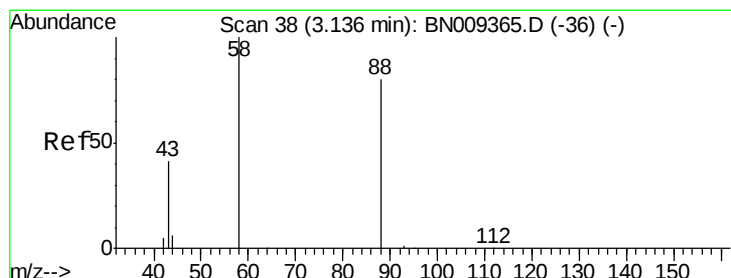
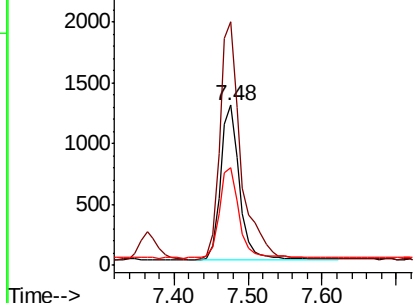
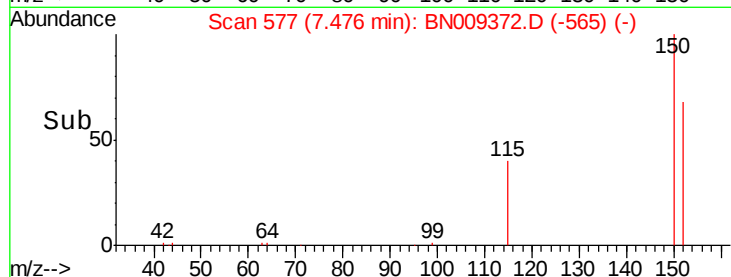
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009372.D
Acq: 15 Jan 2020 10:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2228
Ion Ratio Lower Upper
152 100
150 152.1 125.7 188.5
115 61.3 53.3 79.9



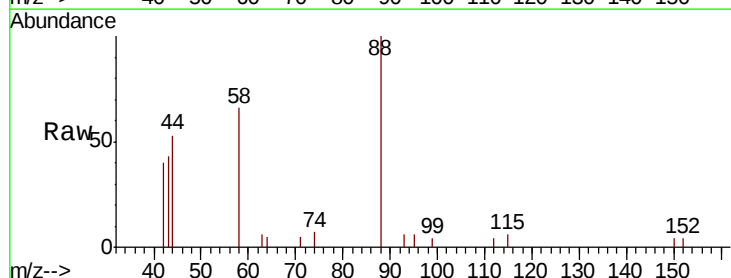
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



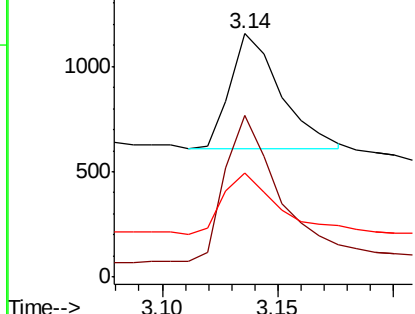
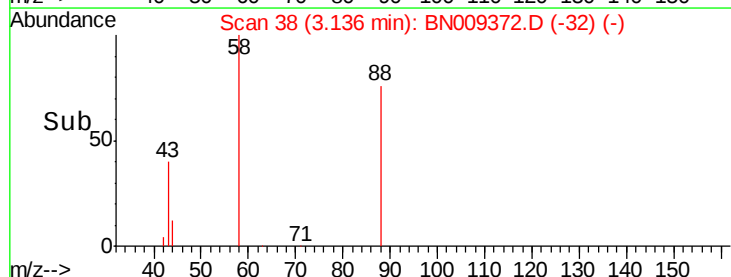
#2

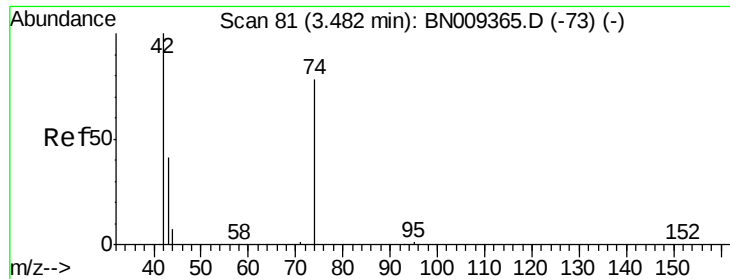
1,4-Dioxane
Concen: 0.357 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009372.D
Acq: 15 Jan 2020 10:21

Tgt Ion: 88 Resp: 830
Ion Ratio Lower Upper
88 100
58 137.3 100.2 150.2
43 56.9 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



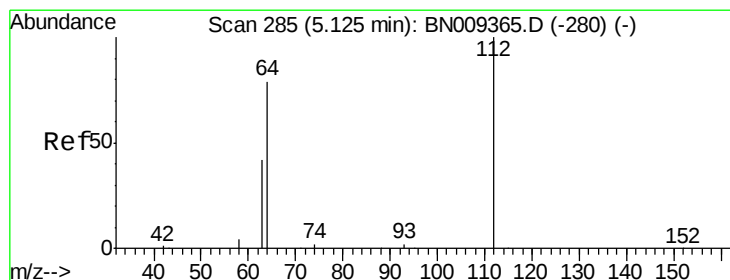
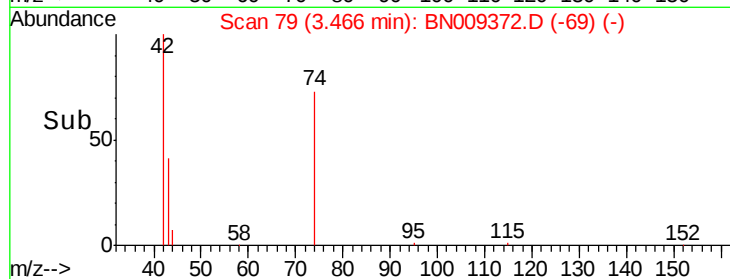
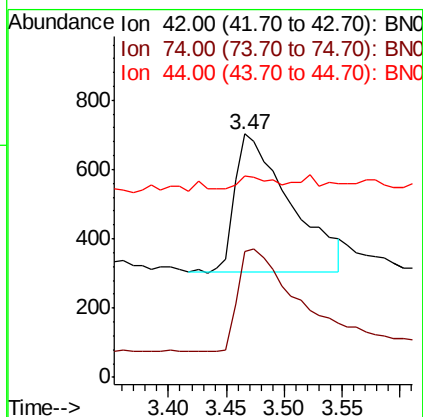
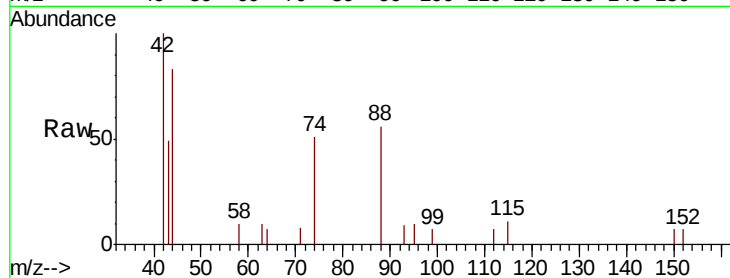


#3

n-Nitrosodimethylamine
 Concen: 0.373 ng
 RT: 3.47 min Scan# 79
 Delta R.T. -0.02 min
 Lab File: BN009372.D
 Acq: 15 Jan 2020 10:21

Instrument :
 BNA_N
 ClientSampled :

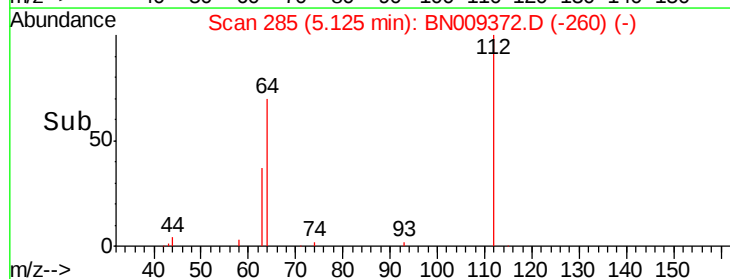
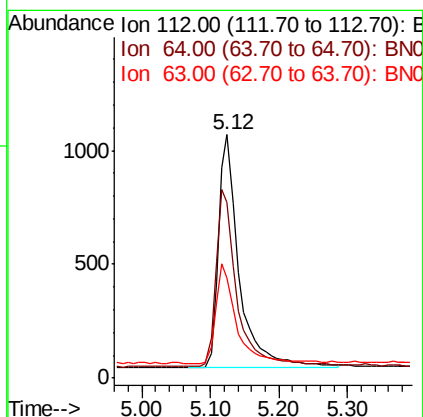
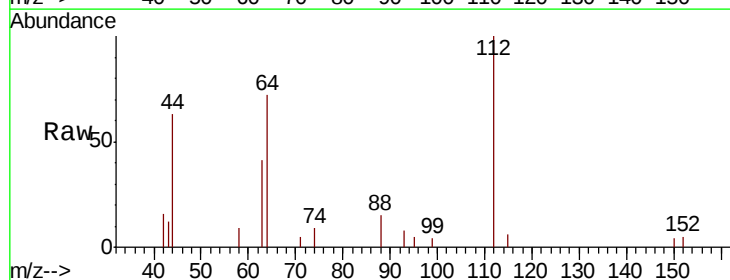
Tot Ion	Ratio	Lower	Upper
42	100		
74	76.6	55.8	83.8
44	5.3	11.1	16.7

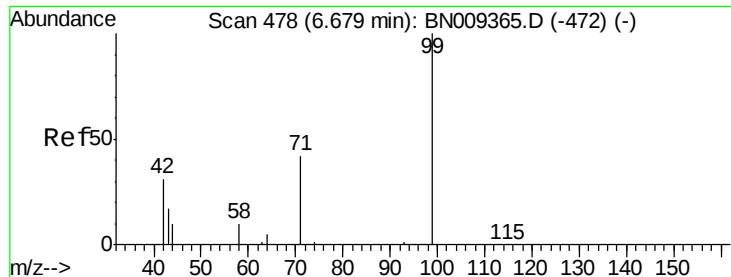


#4

2-Fluorophenol
 Concen: 0.424 ng
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009372.D
 Acq: 15 Jan 2020 10:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.1	61.5	92.3
63	42.5	35.0	52.4





#5

Phenol-d6

Concen: 0.429 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

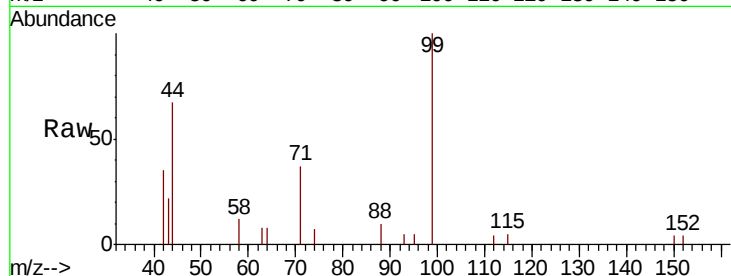
Tot Ion: 99 Resp: 2544

Ion Ratio Lower Upper

99 100

42 32.2 27.6 41.4

71 39.2 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009372.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN009372.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN009372.D (-466) (-)

6.68

1500

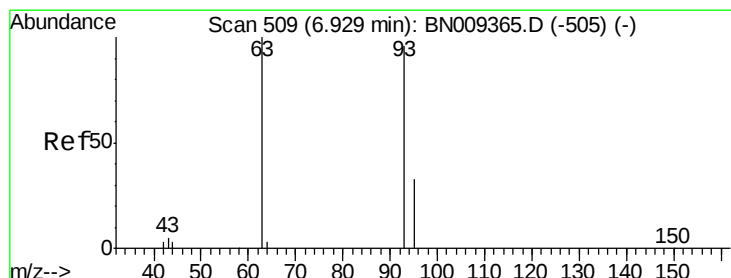
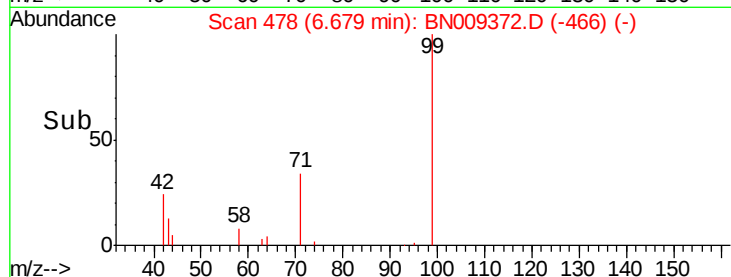
1000

500

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.457 ng

RT: 6.92 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

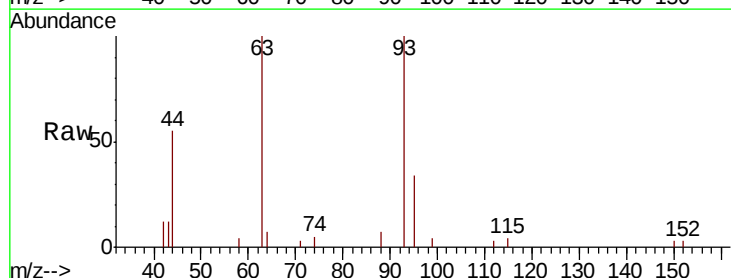
Tgt Ion: 93 Resp: 2793

Ion Ratio Lower Upper

93 100

63 96.2 85.1 127.7

95 29.5 30.2 45.4#



Abundance Ion 93.00 (92.70 to 93.70): BN009372.D (-484) (-)

Ion 63.00 (62.70 to 63.70): BN009372.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN009372.D (-484) (-)

6.92

2000

1500

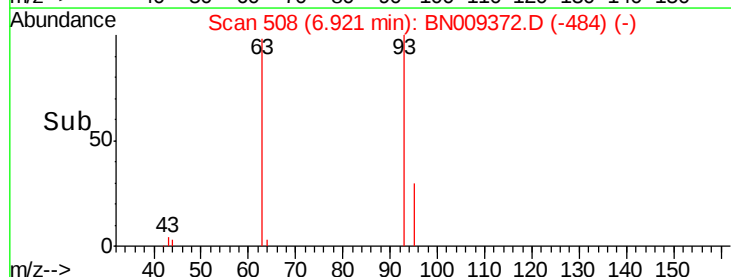
1000

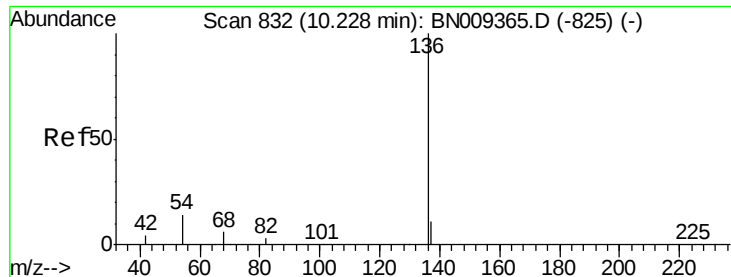
500

0

6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 7784

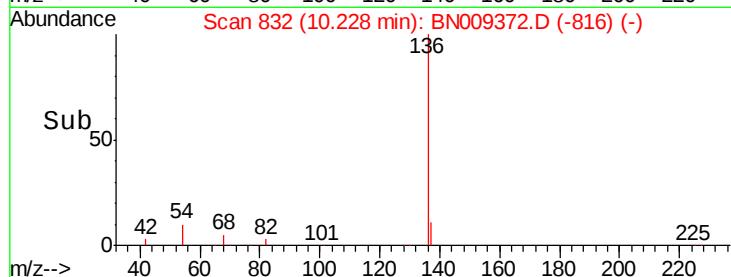
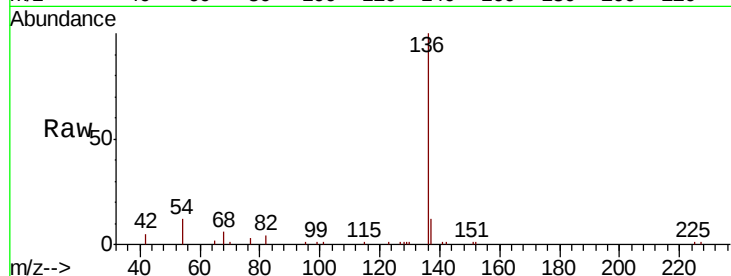
Ion Ratio Lower Upper

136 100

137 11.6 10.3 15.5

54 11.8 12.6 19.0#

68 6.0 6.5 9.7#

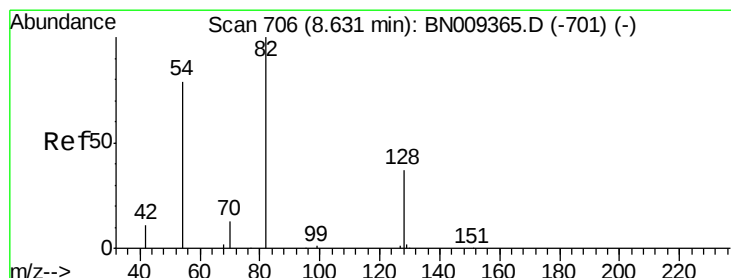
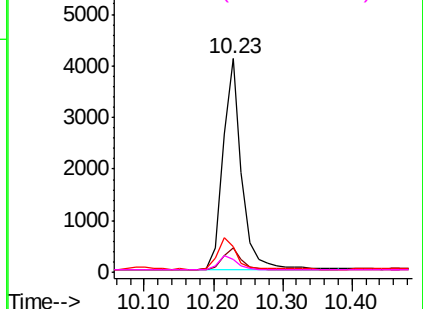


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.403 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

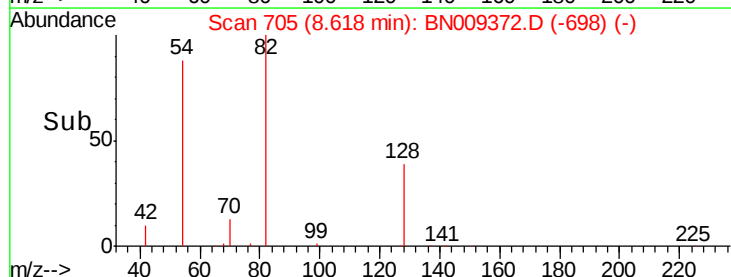
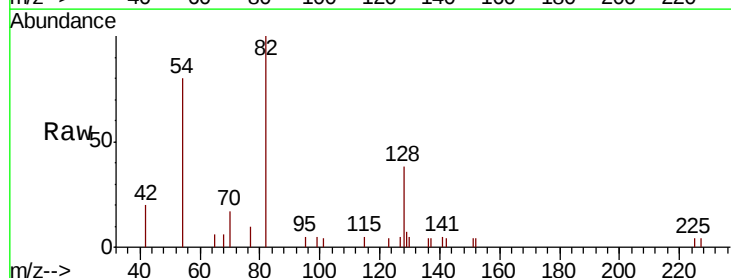
Tgt Ion: 82 Resp: 2503

Ion Ratio Lower Upper

82 100

128 37.9 34.8 52.2

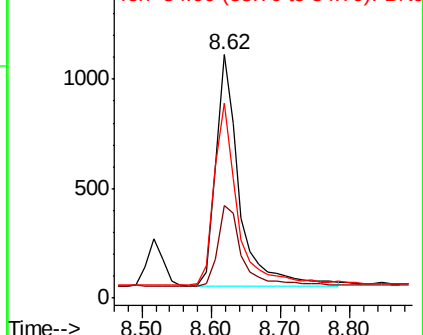
54 79.9 65.8 98.6

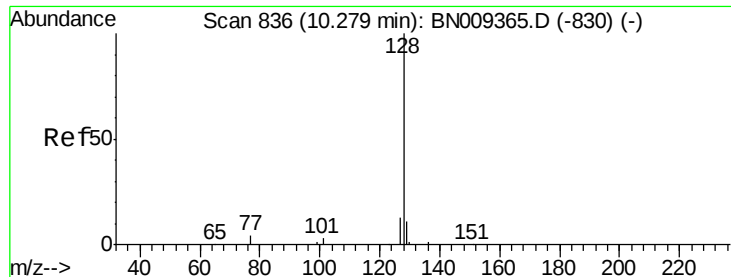


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.404 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

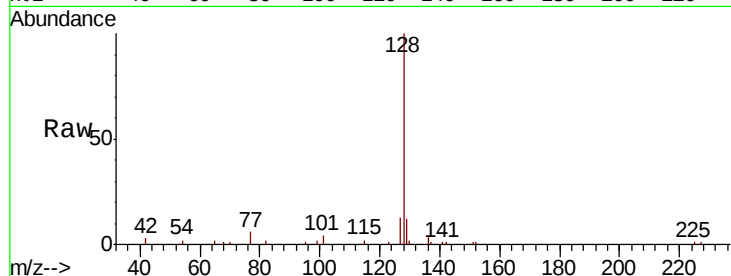
Tot Ion:128 Resp: 8501

Ion Ratio Lower Upper

128 100

129 11.9 10.4 15.6

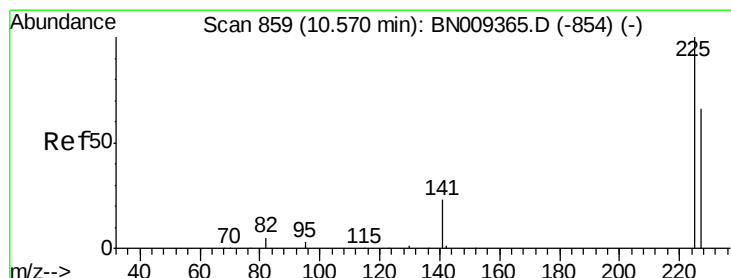
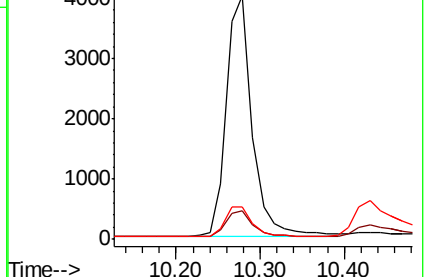
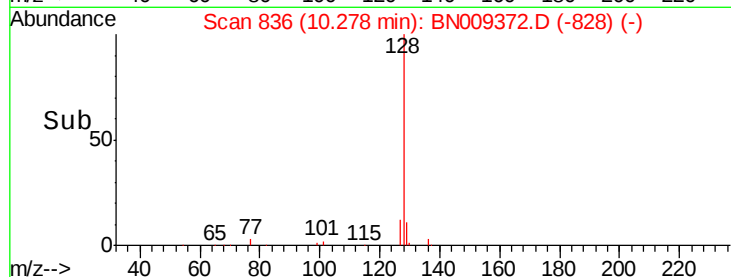
127 13.3 11.4 17.2



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: 0.406 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

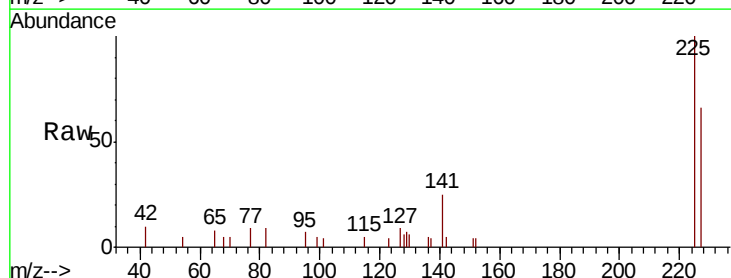
Tgt Ion:225 Resp: 1876

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

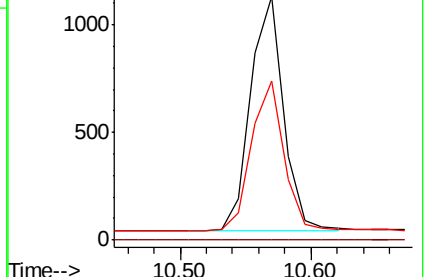
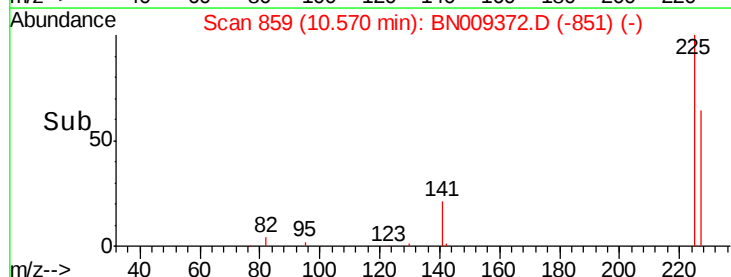
227 63.7 52.6 78.8

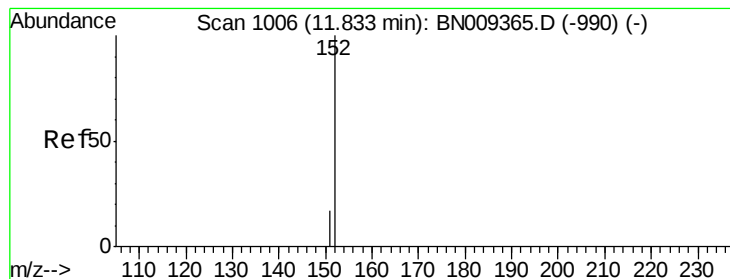


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

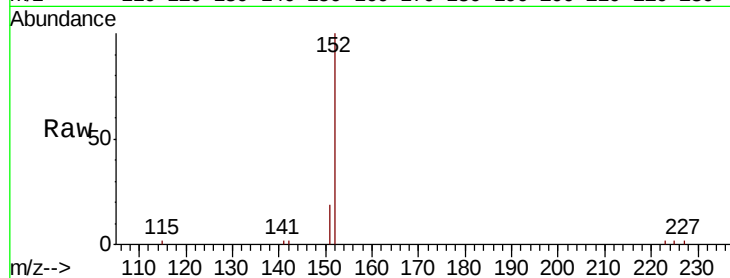
ClientSampleId :

Tot Ion:152 Resp: 6115

Ion Ratio Lower Upper

152 100

151 18.1 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

3000

2000

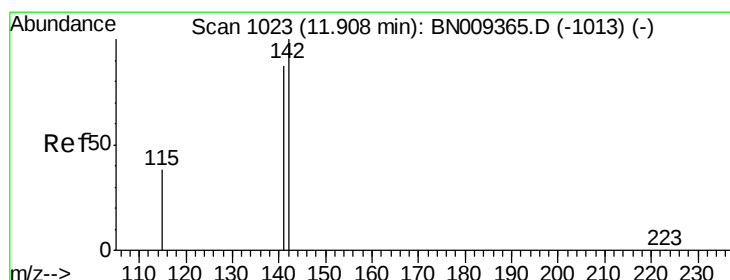
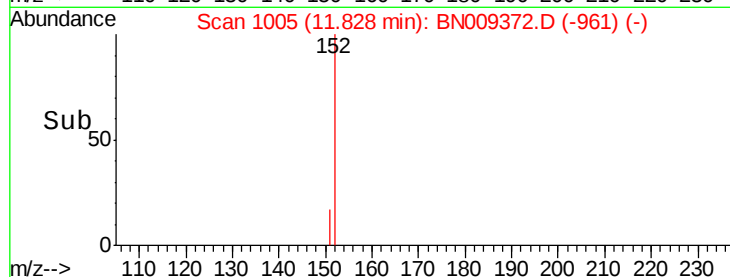
1000

0

11.80

11.83

Time-->



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 11.90 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

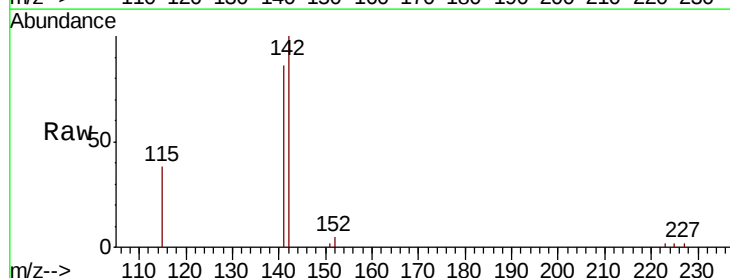
Tgt Ion:142 Resp: 6023

Ion Ratio Lower Upper

142 100

141 86.4 69.8 104.6

115 38.3 32.5 48.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

4000

3000

2000

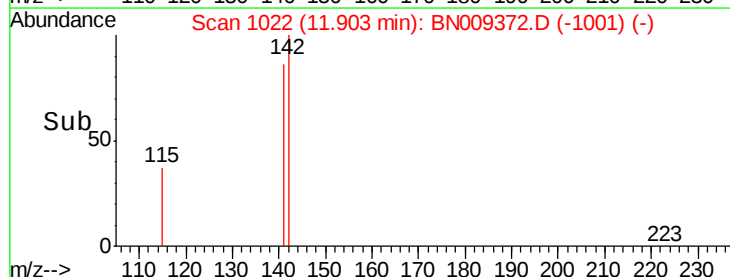
1000

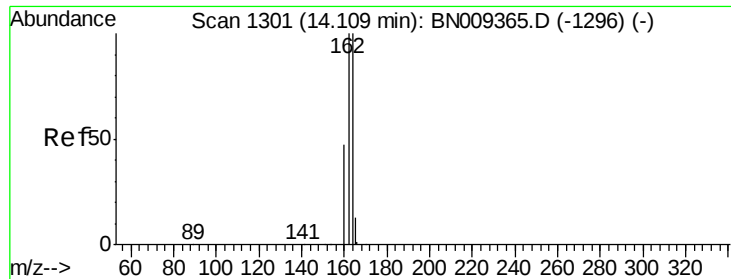
0

11.80

11.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

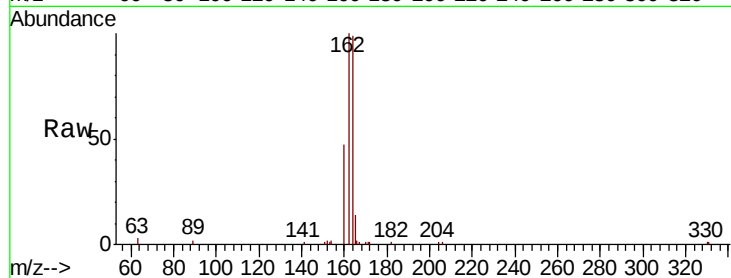
Tot Ion:164 Resp: 4976

Ion Ratio Lower Upper

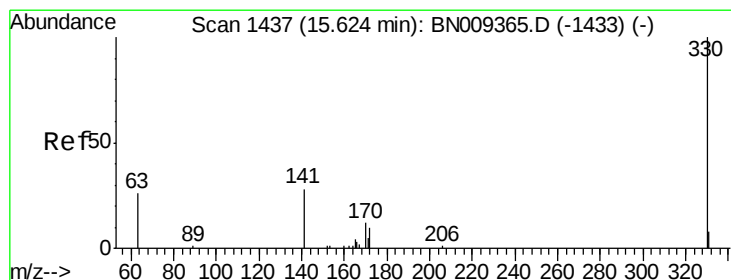
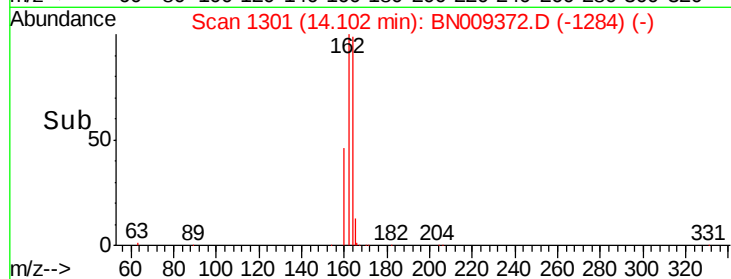
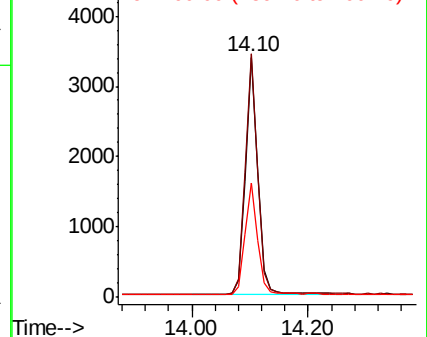
164 100

162 101.5 79.8 119.6

160 47.8 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: 0.393 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

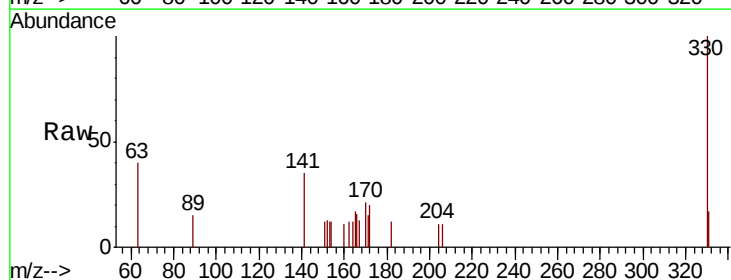
Tgt Ion:330 Resp: 740

Ion Ratio Lower Upper

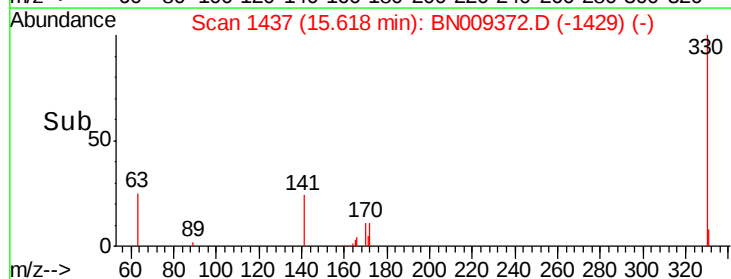
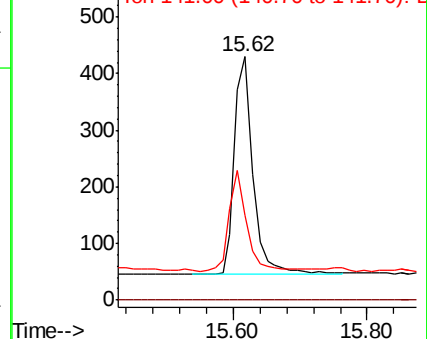
330 100

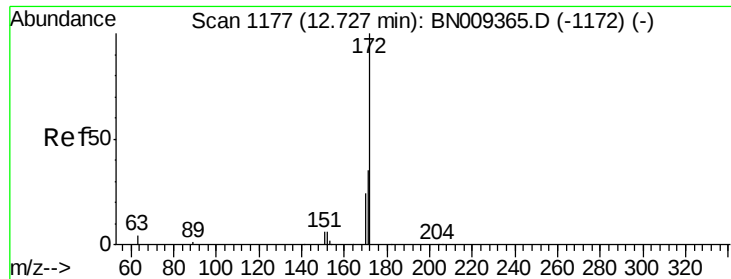
332 0.0 0.0 0.0

141 44.5 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

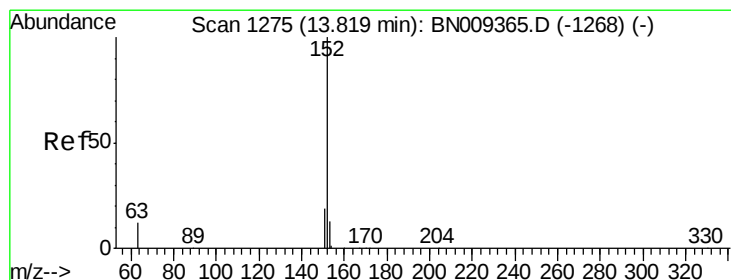
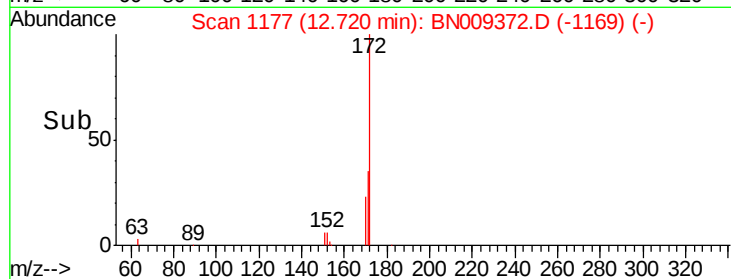
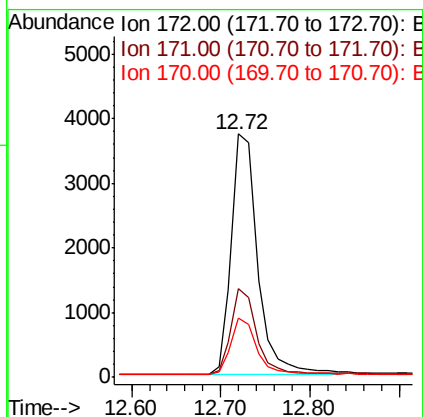
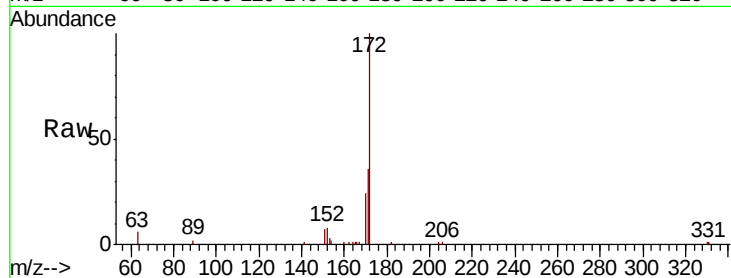




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009372.D
Acq: 15 Jan 2020 10:21

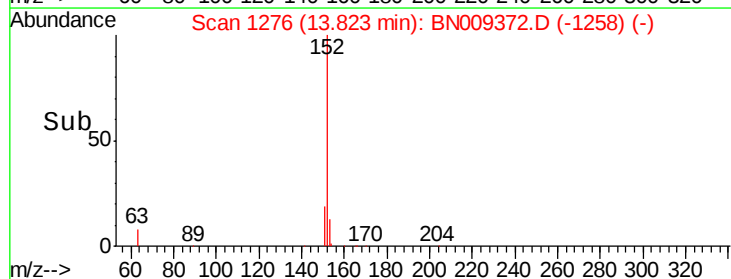
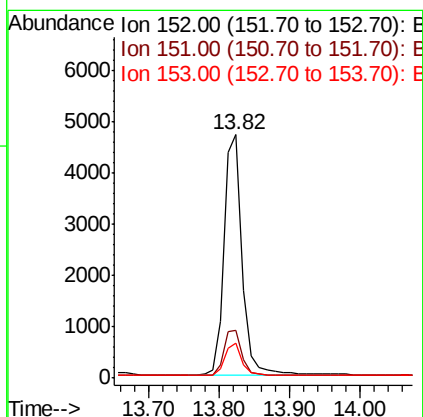
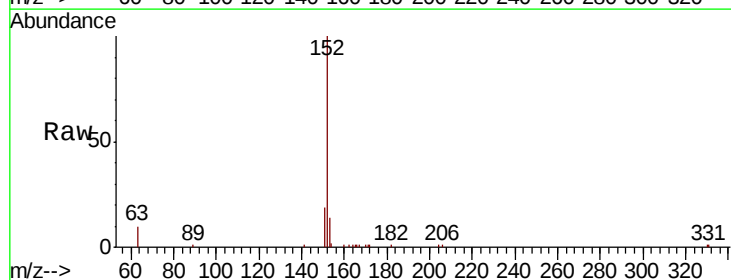
Instrument :
BNA_N
ClientSampleId :

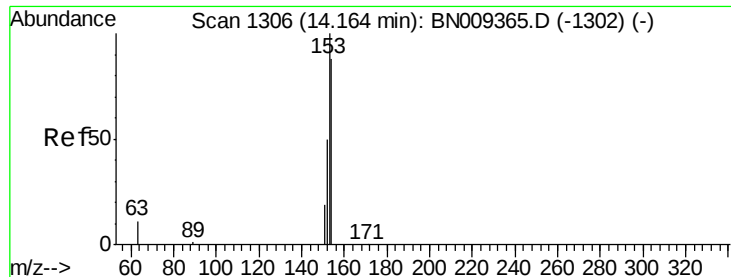
Tot Ion:172 Resp: 7663
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 24.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009372.D
Acq: 15 Jan 2020 10:21

Tgt Ion:152 Resp: 8598
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.2
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.412 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

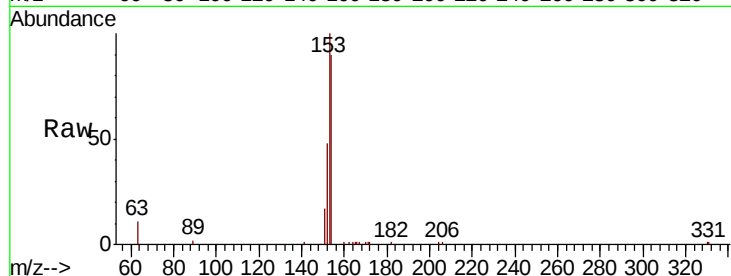
Tot Ion:154 Resp: 6216

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

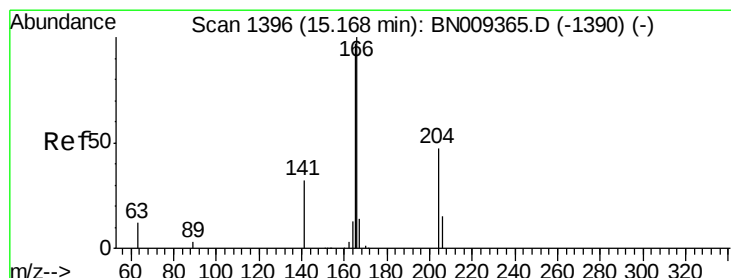
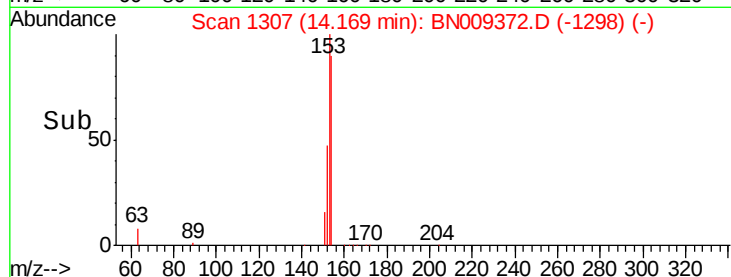
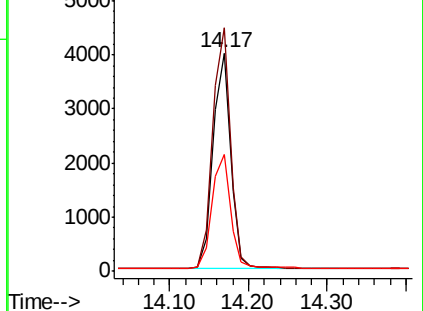
152 54.9 45.3 67.9



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: 0.409 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

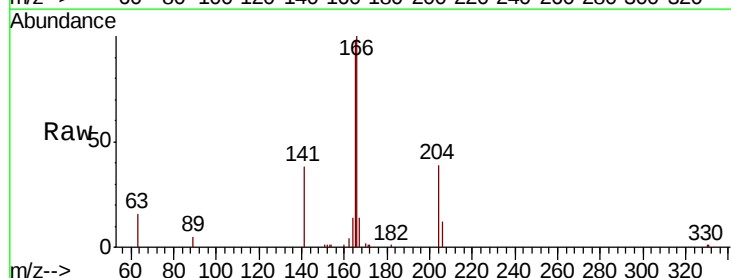
Tgt Ion:166 Resp: 8045

Ion Ratio Lower Upper

166 100

165 96.4 78.2 117.2

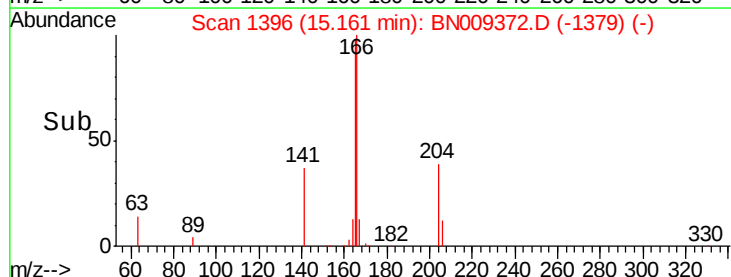
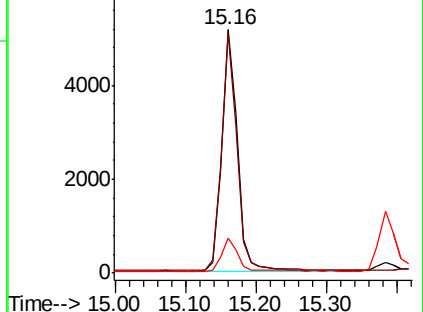
167 13.5 11.0 16.6

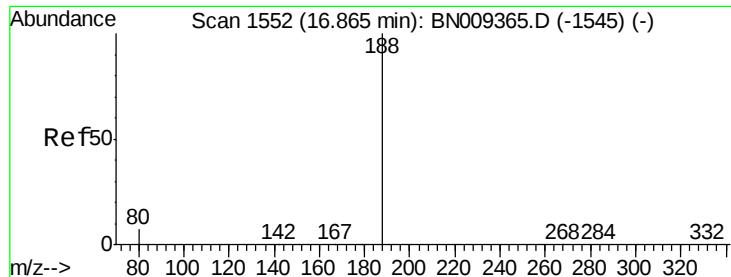


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

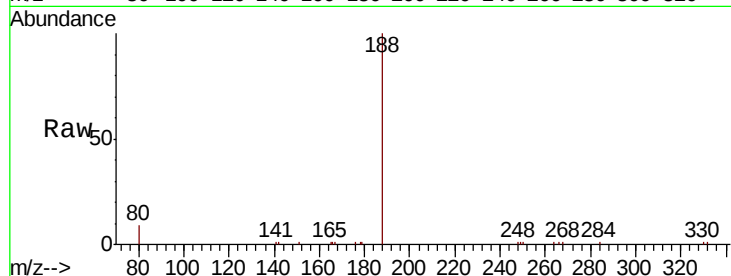
Tot Ion:188 Resp: 11300

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

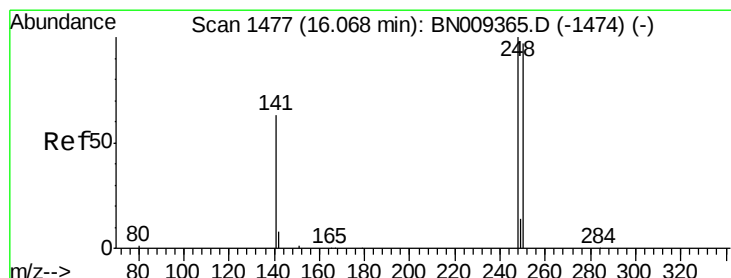
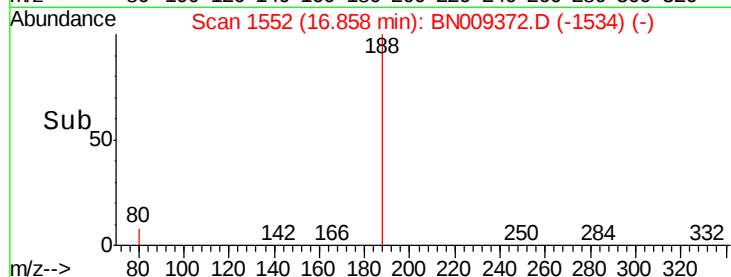
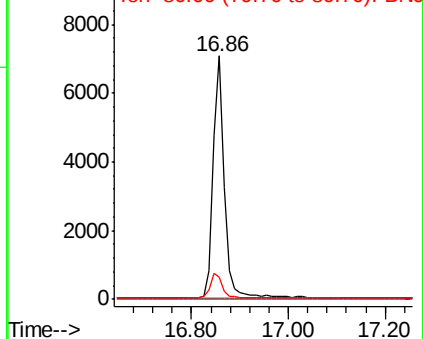
80 9.0 6.6 10.0



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: 0.395 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

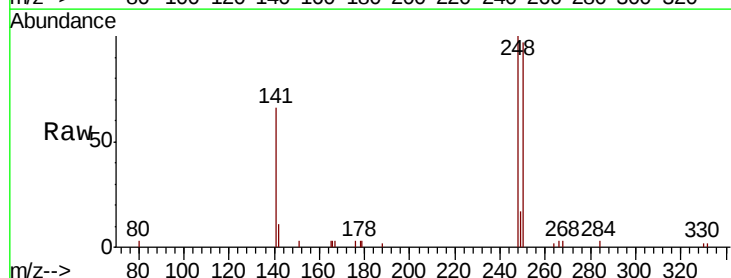
Tgt Ion:248 Resp: 2688

Ion Ratio Lower Upper

248 100

250 96.8 77.8 116.8

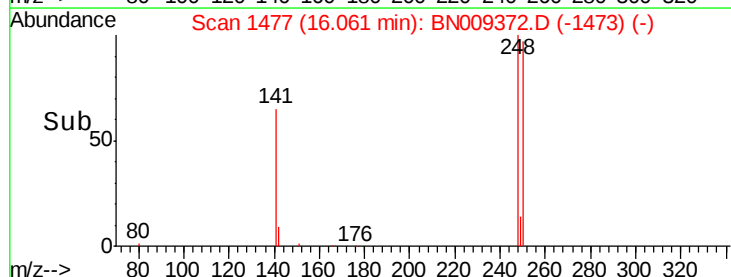
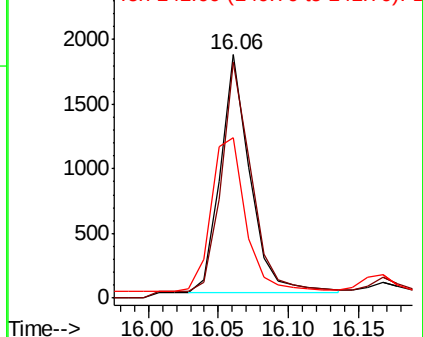
141 66.1 53.4 80.0

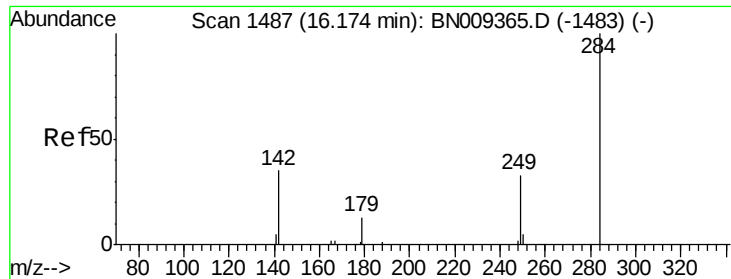


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

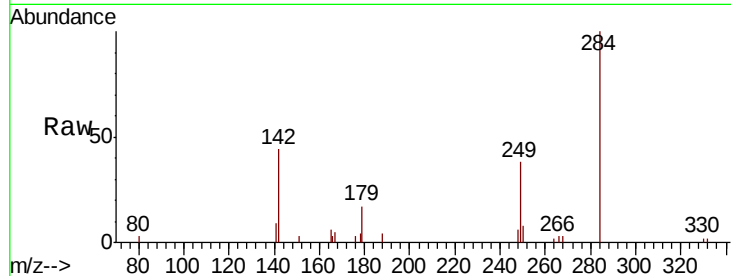




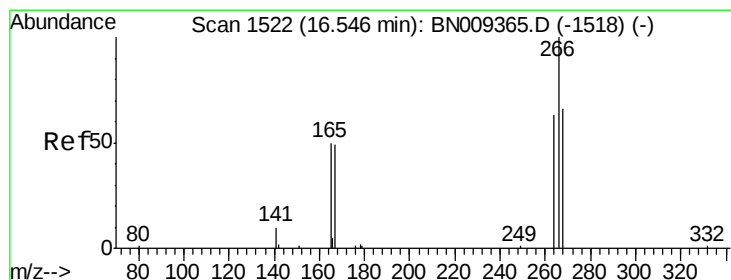
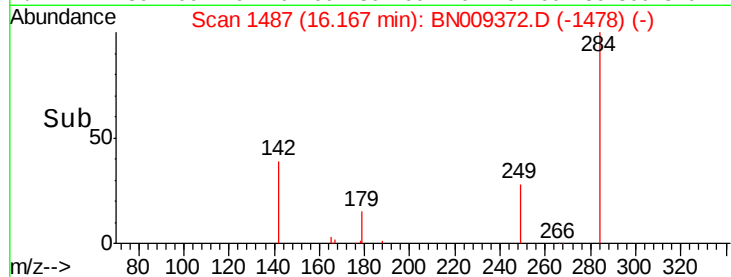
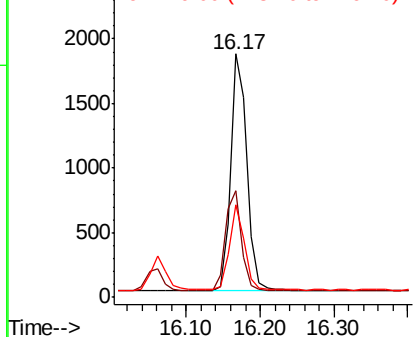
#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN009372.D
Acq: 15 Jan 2020 10:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 2838
Ion Ratio Lower Upper
284 100
142 41.8 33.8 50.8
249 33.2 27.0 40.4

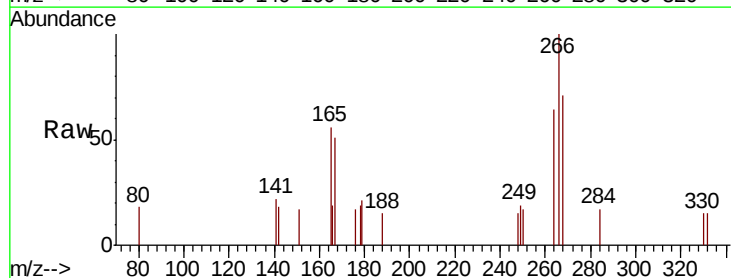


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

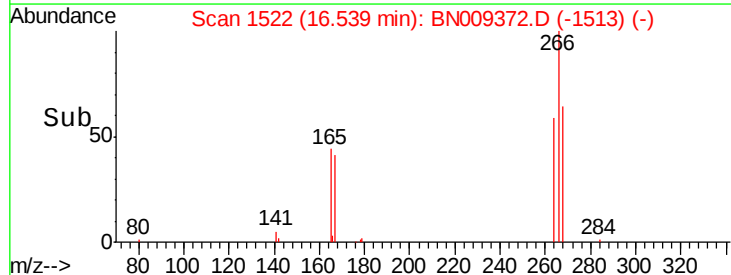
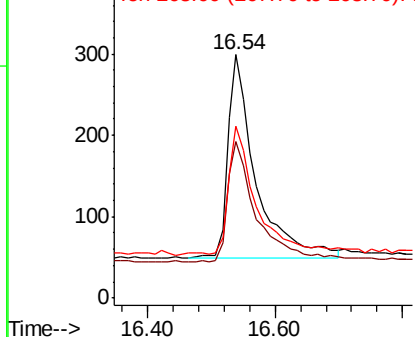


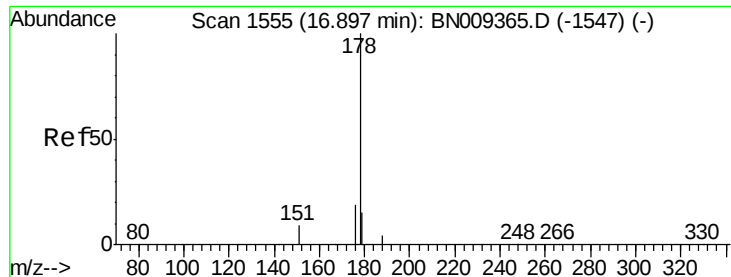
#22
Pentachlorophenol
Concen: 0.437 ng
RT: 16.54 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BN009372.D
Acq: 15 Jan 2020 10:21

Tgt Ion:266 Resp: 741
Ion Ratio Lower Upper
266 100
264 64.2 57.8 86.6
268 70.6 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: 0.397 ng

RT: 16.90 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

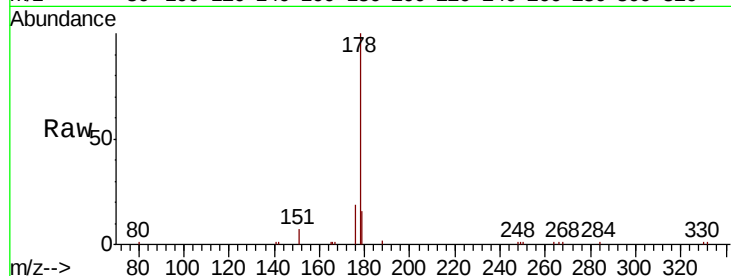
Tot Ion:178 Resp: 13468

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

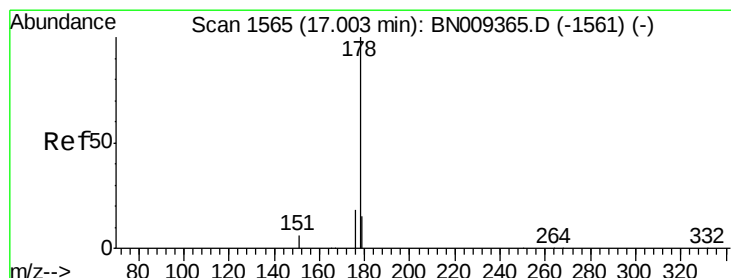
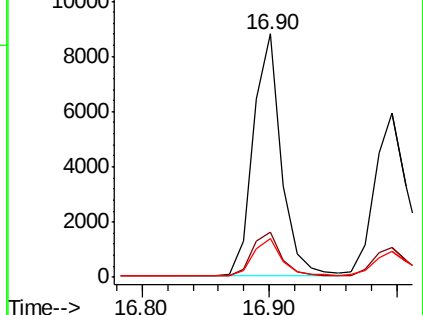
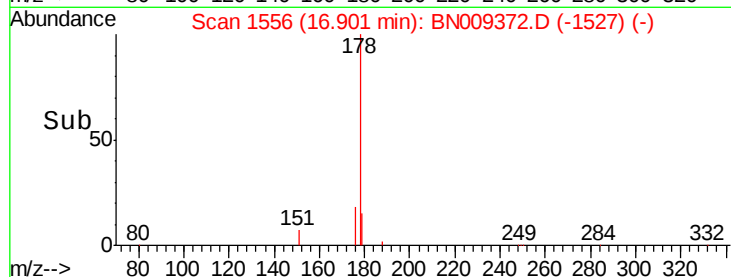
179 15.5 12.3 18.5



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: 0.393 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

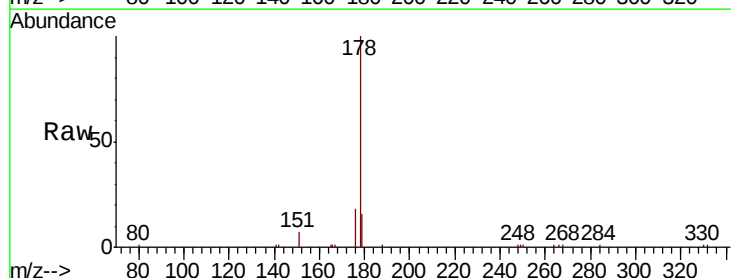
Tgt Ion:178 Resp: 11202

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

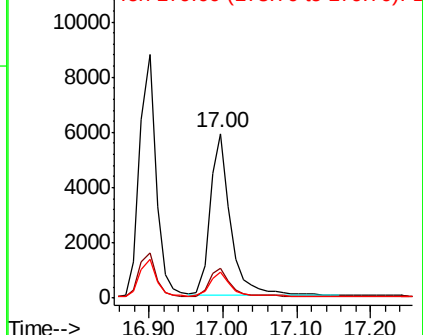
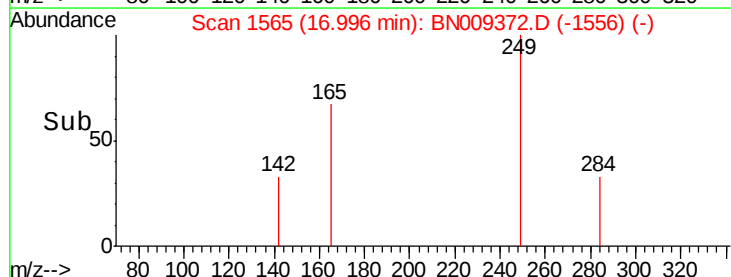
179 15.1 12.5 18.7

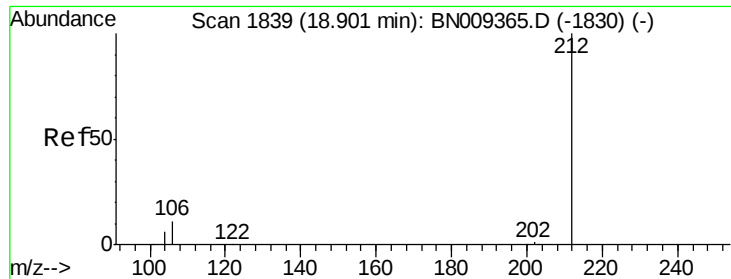


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 18.89 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

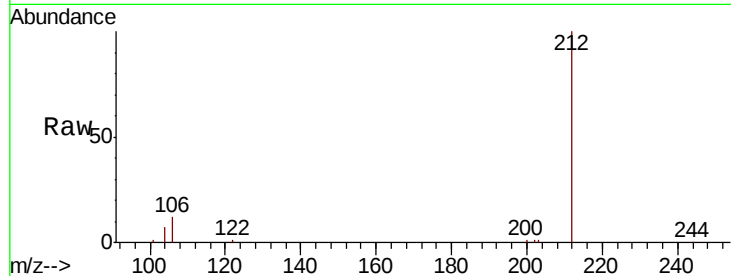
Tot Ion:212 Resp: 15205

Ion Ratio Lower Upper

212 100

106 12.0 9.2 13.8

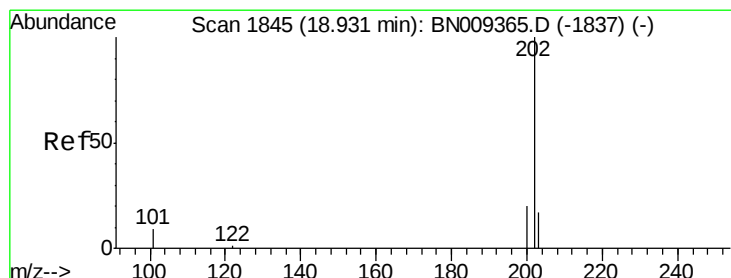
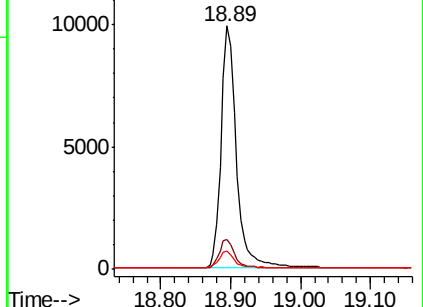
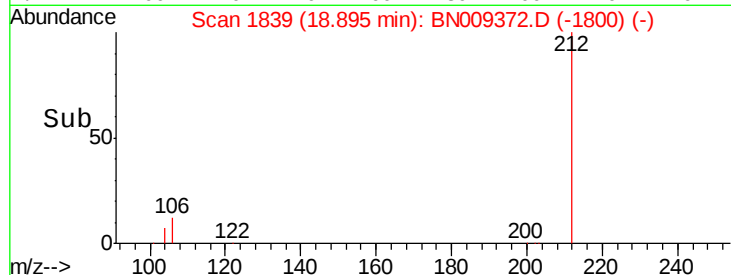
104 6.8 5.4 8.0



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: 0.397 ng

RT: 18.92 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

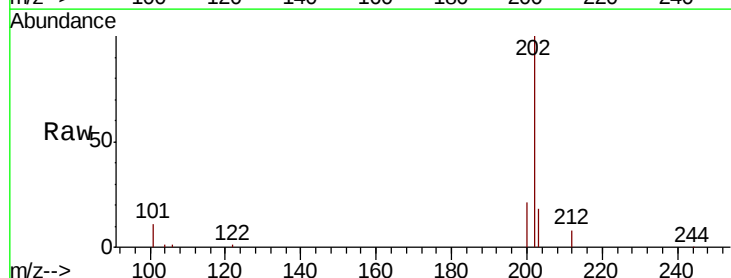
Tgt Ion:202 Resp: 15798

Ion Ratio Lower Upper

202 100

101 9.9 8.0 12.0

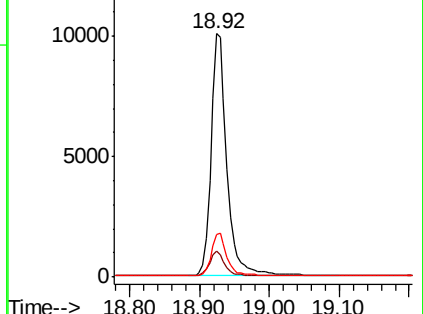
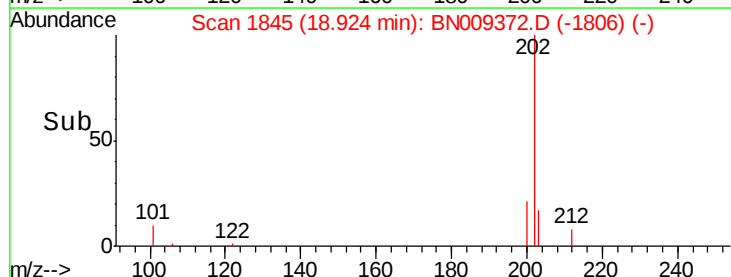
203 17.0 13.5 20.3

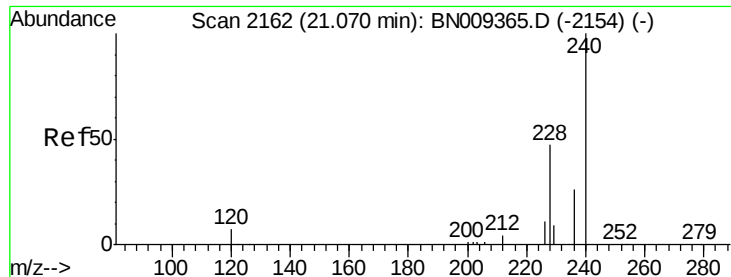


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

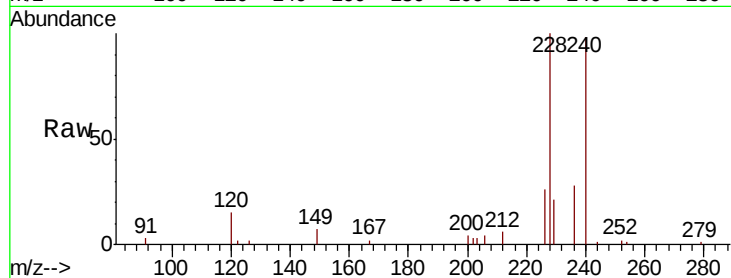
Tot Ion:240 Resp: 10344

Ion Ratio Lower Upper

240 100

120 15.4 8.1 12.1#

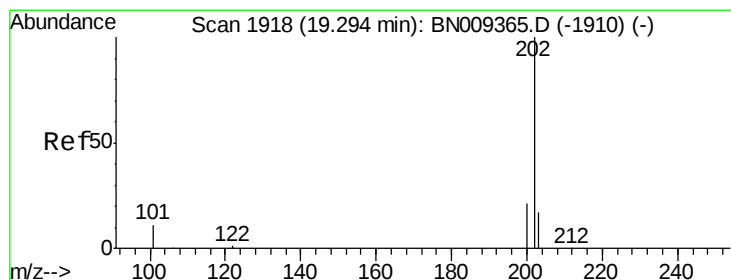
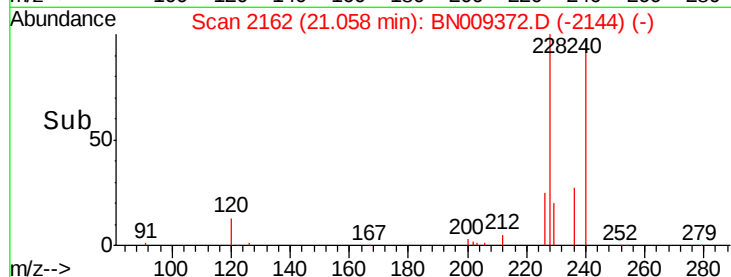
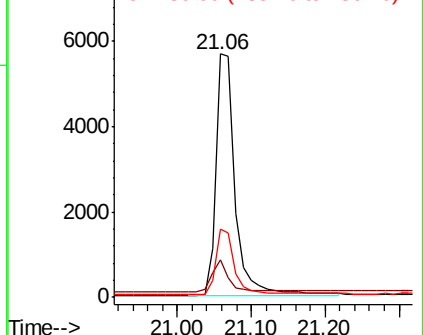
236 28.2 22.2 33.4



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: 0.403 ng

RT: 19.29 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

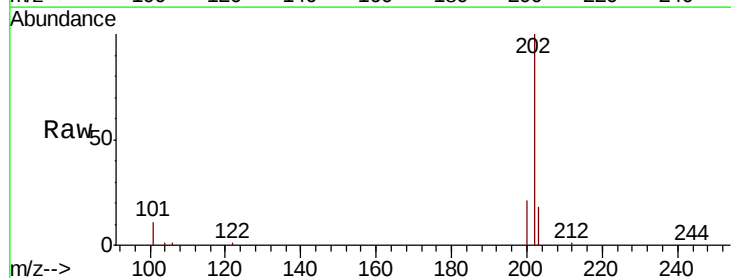
Tgt Ion:202 Resp: 15797

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

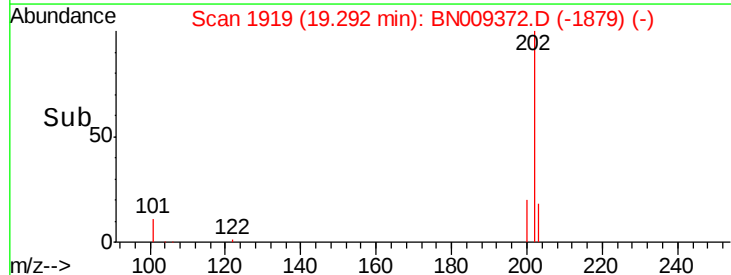
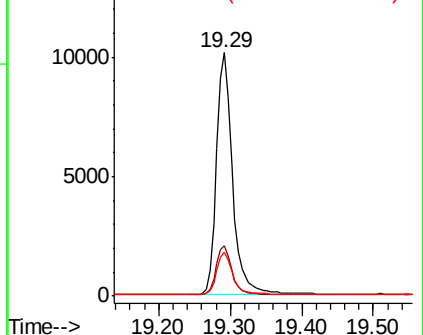
203 17.3 14.1 21.1

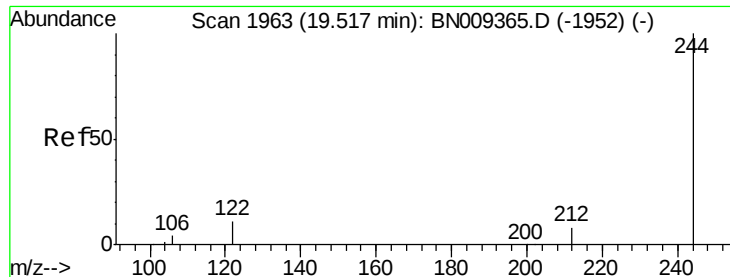


Abundance Ion 202.00 (201.70 to 202.70): E

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: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

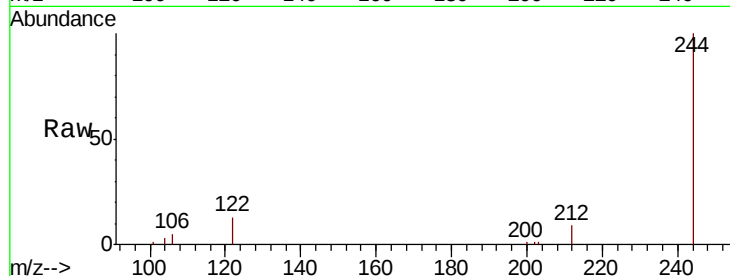
Tot Ion:244 Resp: 9832

Ion Ratio Lower Upper

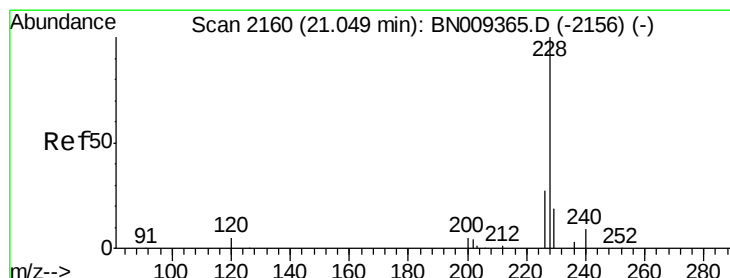
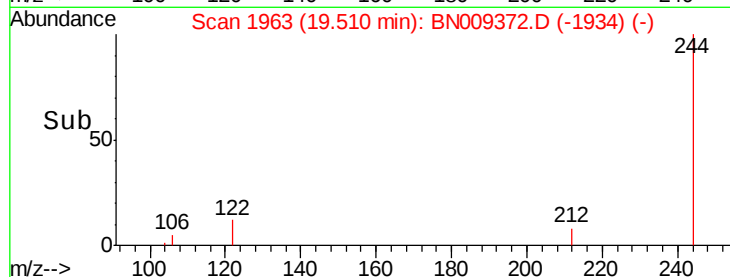
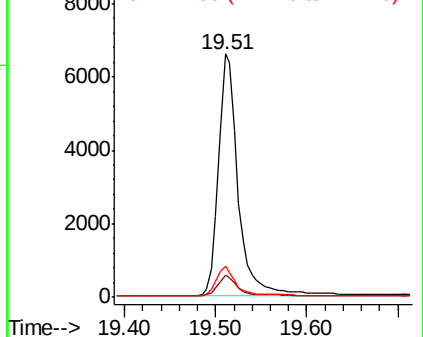
244 100

212 9.0 7.5 11.3

122 12.9 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: 0.407 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

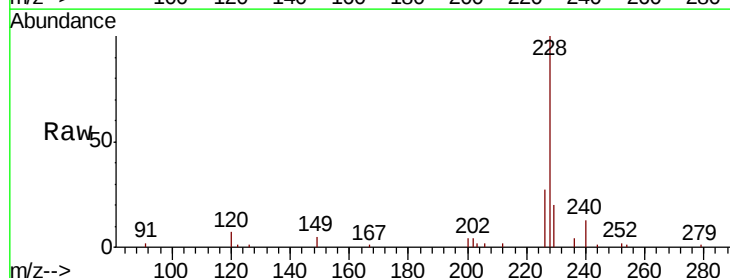
Tgt Ion:228 Resp: 13822

Ion Ratio Lower Upper

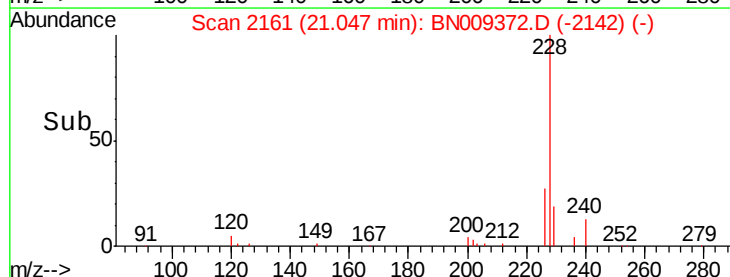
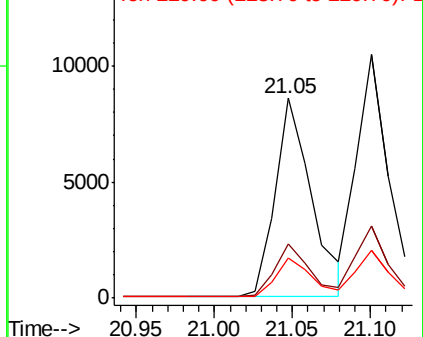
228 100

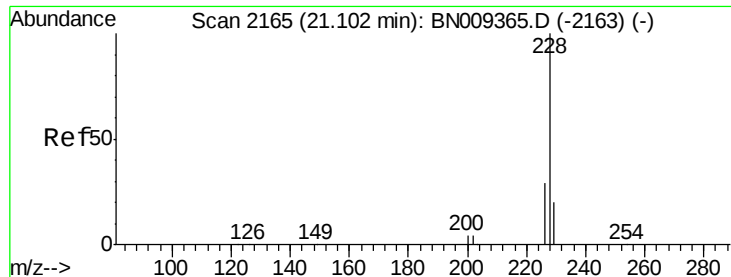
226 27.0 22.5 33.7

229 19.8 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

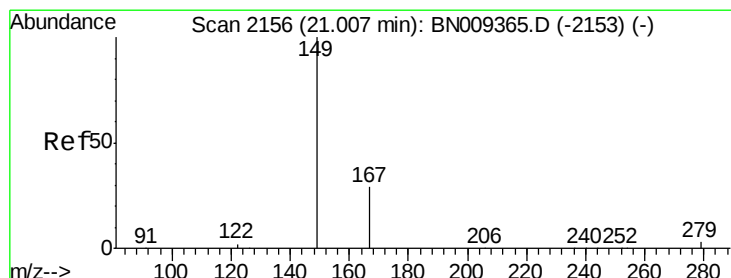
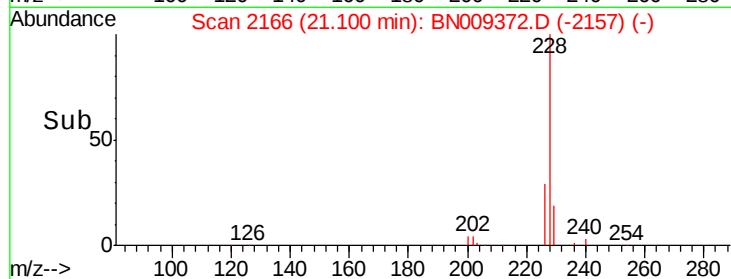
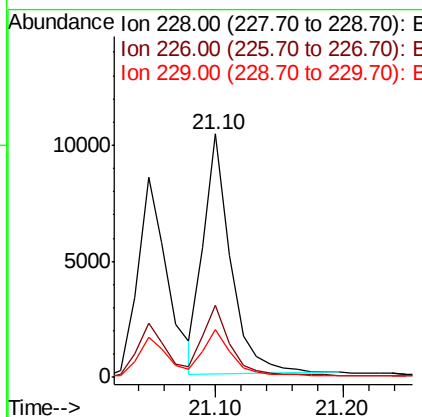
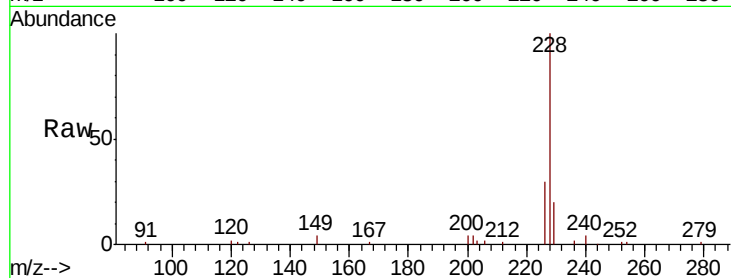




#31
 Chrysene
 Concen: 0.397 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BN009372.D
 Acq: 15 Jan 2020 10:21

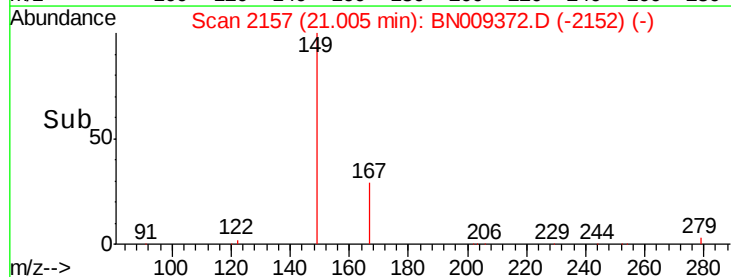
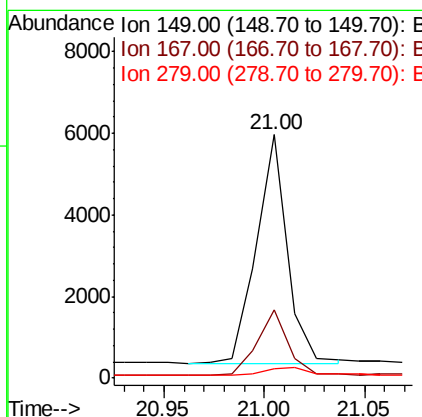
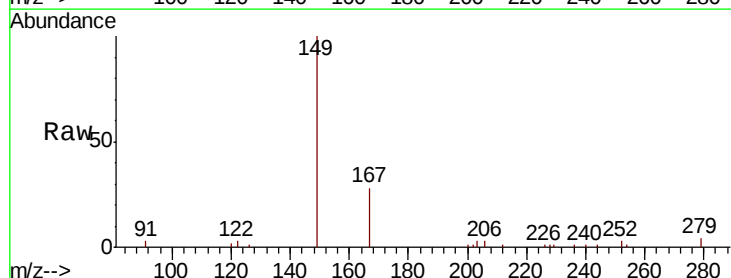
Instrument :
 BNA_N
 ClientSampled :

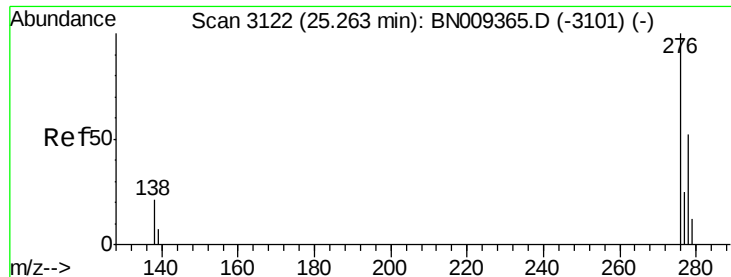
Tot Ion:228 Resp: 15455
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.8 35.8
 229 19.9 16.6 24.8



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.398 ng
 RT: 21.00 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BN009372.D
 Acq: 15 Jan 2020 10:21

Tgt Ion:149 Resp: 5986
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.9 34.3
 279 3.9 3.4 5.0

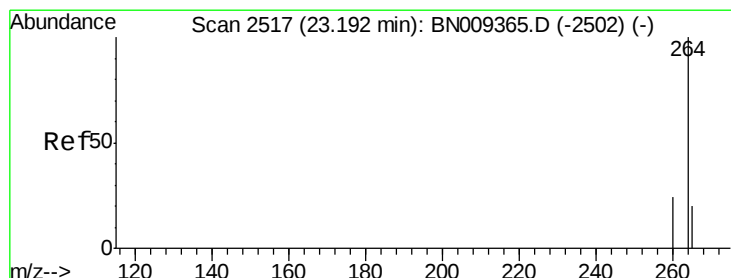
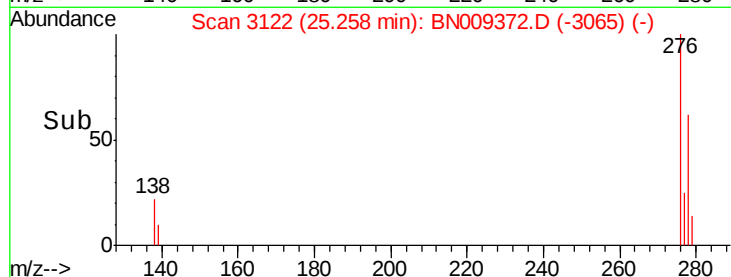
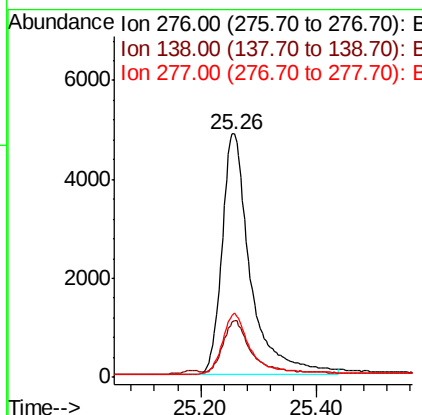
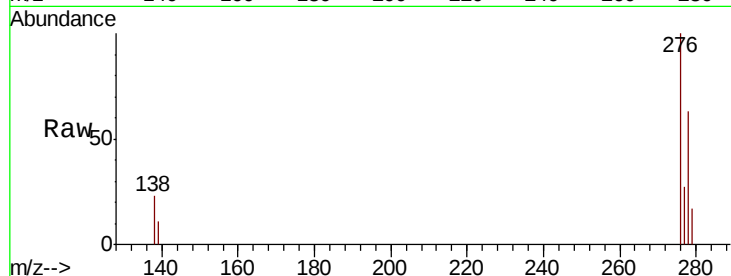




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.412 ng
 RT: 25.26 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BN009372.D
 Acq: 15 Jan 2020 10:21

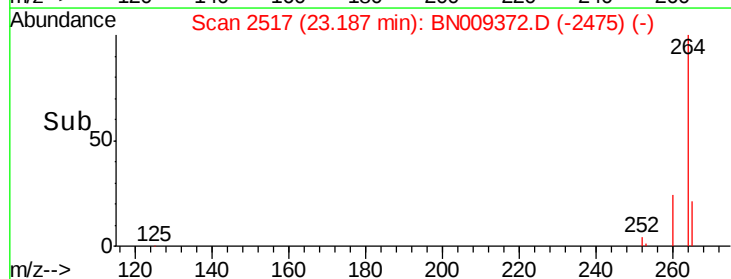
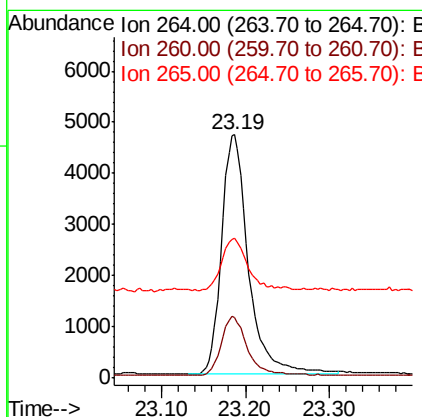
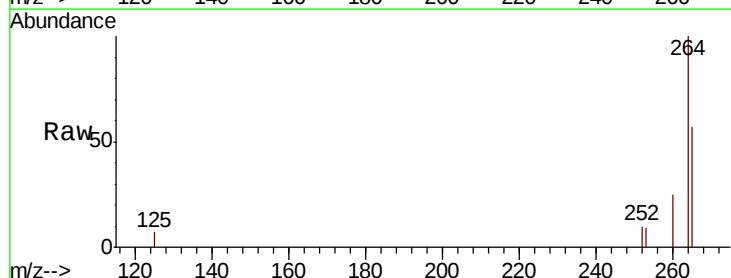
Instrument :
 BNA_N
 ClientSampleId :

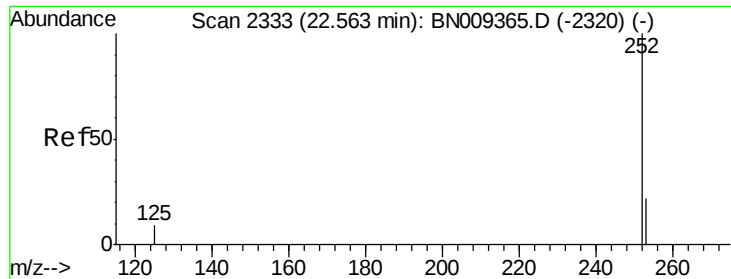
Tot Ion:276 Resp: 16671
 Ion Ratio Lower Upper
 276 100
 138 20.1 15.9 23.9
 277 24.0 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BN009372.D
 Acq: 15 Jan 2020 10:21

Tgt Ion:264 Resp: 10460
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 57.4 68.2 102.4#

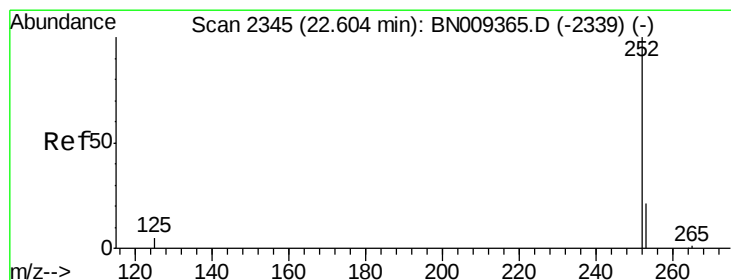
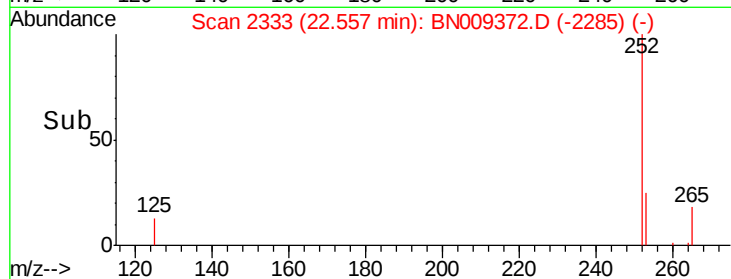
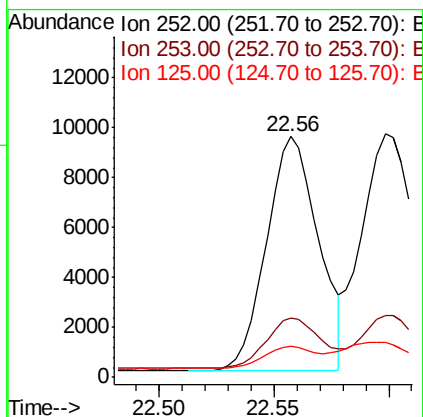
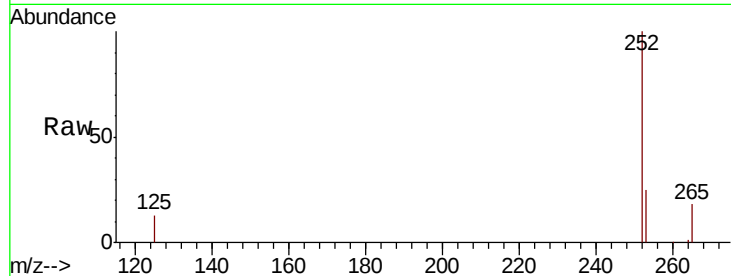




#35
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 22.56 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN009372.D
Acq: 15 Jan 2020 10:21

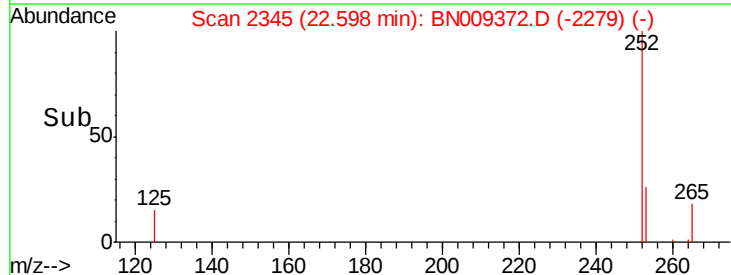
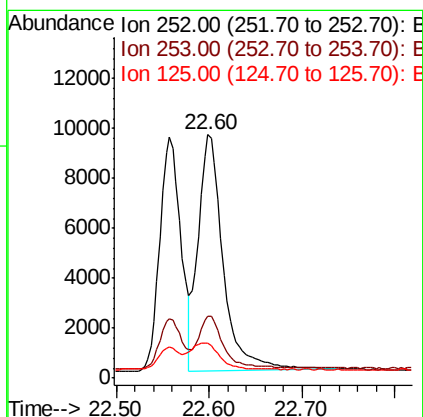
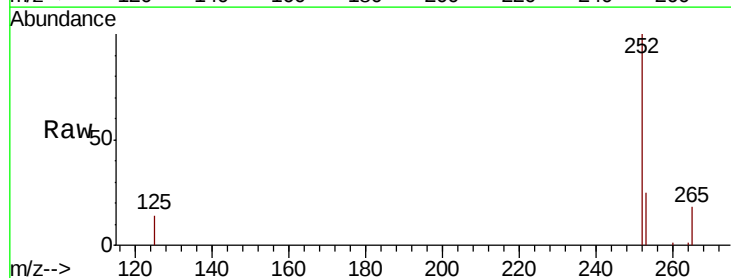
Instrument :
BNA_N
ClientSampleId :

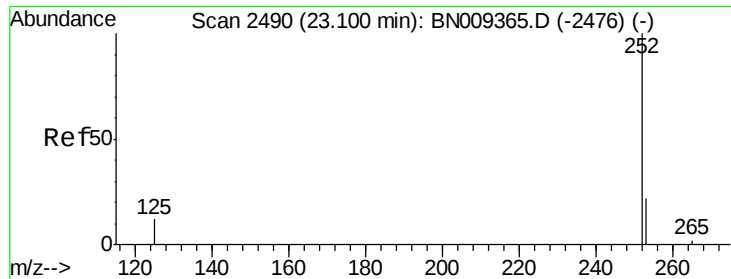
Tot Ion:252 Resp: 14772
Ion Ratio Lower Upper
252 100
253 24.6 22.4 33.6
125 13.0 11.6 17.4



#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.60 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BN009372.D
Acq: 15 Jan 2020 10:21

Tgt Ion:252 Resp: 17611
Ion Ratio Lower Upper
252 100
253 25.4 21.9 32.9
125 14.2 12.0 18.0





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :

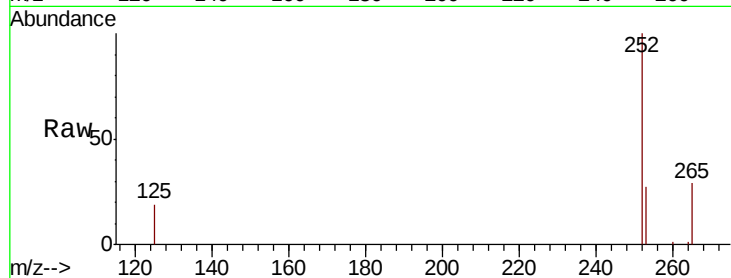
Tot Ion:252 Resp: 13632

Ion Ratio Lower Upper

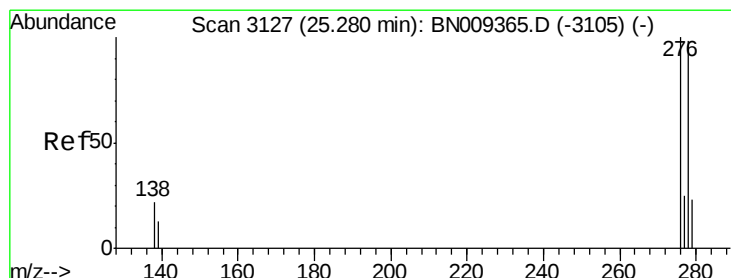
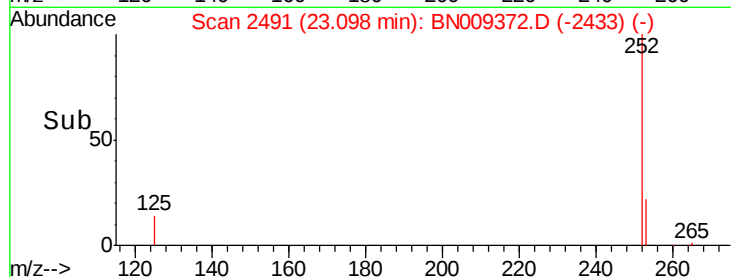
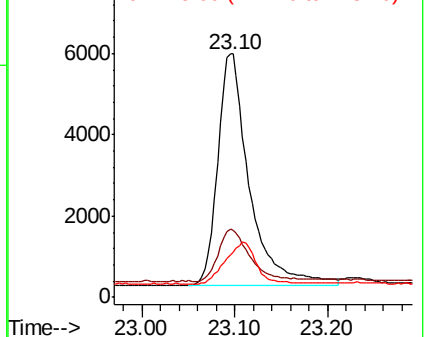
252 100

253 27.4 25.4 38.0

125 18.7 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: 0.387 ng

RT: 25.27 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

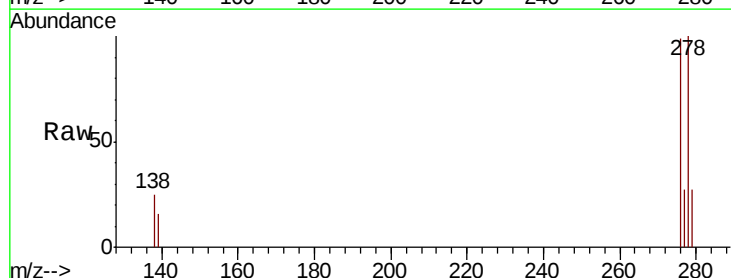
Tgt Ion:278 Resp: 13175

Ion Ratio Lower Upper

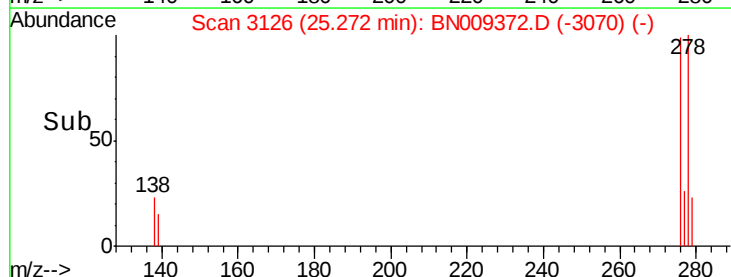
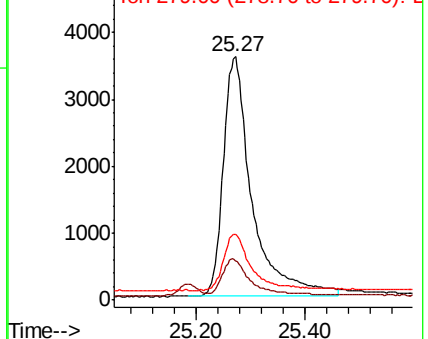
278 100

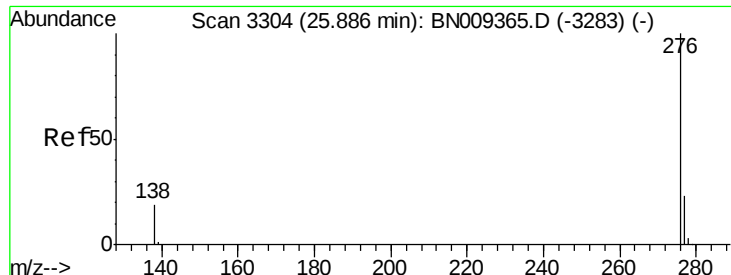
139 16.2 14.5 21.7

279 26.7 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: 0.382 ng

RT: 25.88 min Scan# 3304

Delta R.T. -0.01 min

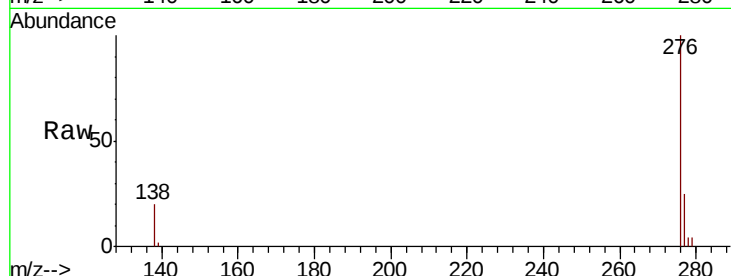
Lab File: BN009372.D

Acq: 15 Jan 2020 10:21

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 14306

Ion Ratio Lower Upper

276 100

277 24.5 20.6 30.8

138 20.4 17.1 25.7

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

