

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008902.D
 Acq On : 10 Dec 2019 12:38
 Operator : JU
 Sample : PB124706BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 10 15:04:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2681	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	9969	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	6864	0.40	ng	0.01
19) Phenanthrene-d10	16.93	188	17738	0.40	ng	0.00
27) Chrysene-d12	21.13	240	17957	0.40	ng	0.00
34) Perylene-d12	23.29	264	17809	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	2463	0.36	ng	0.00
5) Phenol-d6	6.75	99	3568	0.38	ng	0.00
8) Nitrobenzene-d5	8.71	82	2570	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	11.92	152	5585	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	487	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	8172	0.31	ng	0.00
25) Fluoranthene-d10	18.97	212	18832	0.35	ng	0.00
29) Terphenyl-d14	19.58	244	14148	0.35	ng	0.00

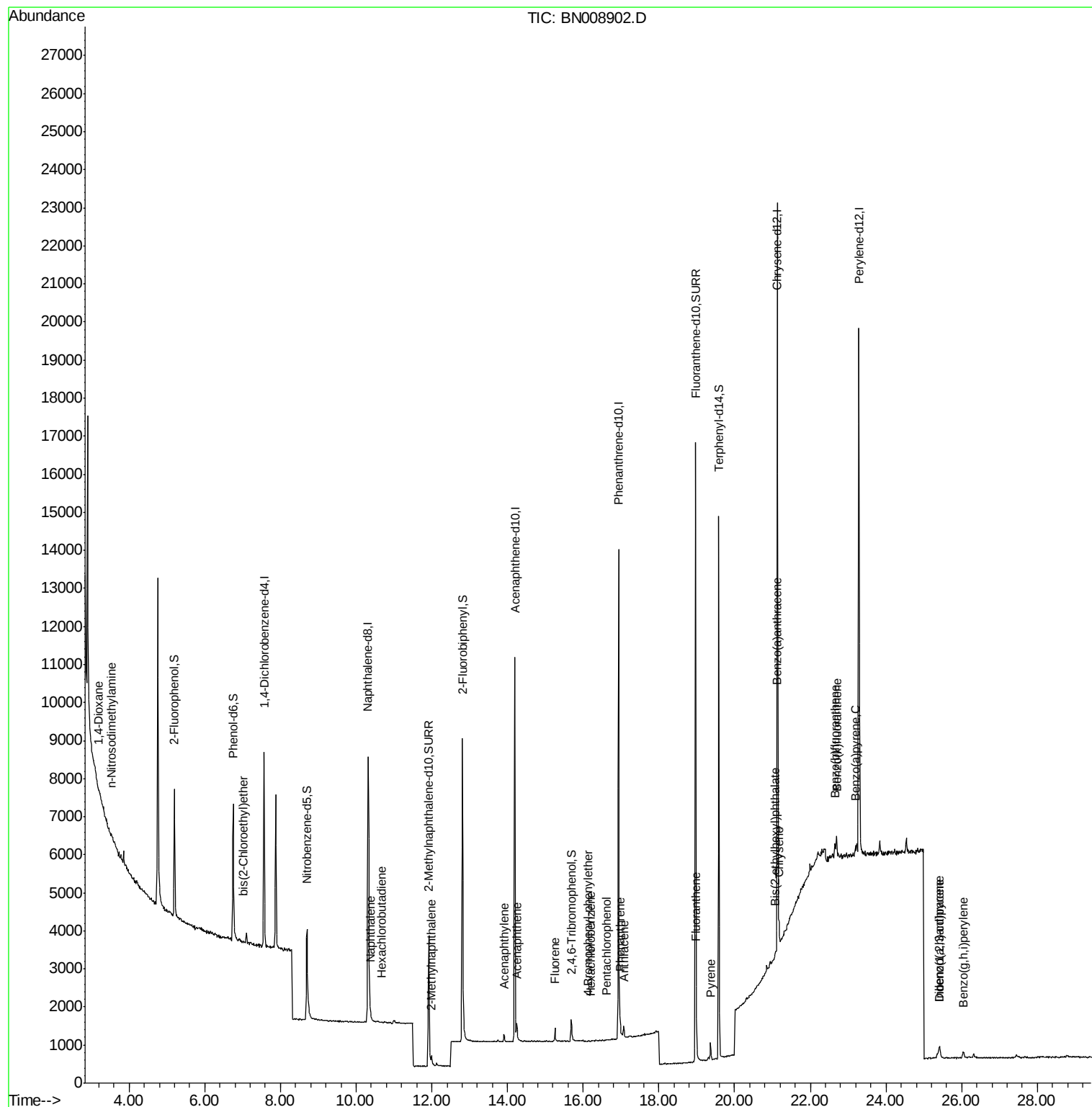
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	17	0.007	ng	# 6
3) n-Nitrosodimethylamine	3.53	42	95	0.027	ng	# 73
6) bis(2-Chloroethyl)ether	7.02	93	31	0.003	ng	# 38
9) Naphthalene	10.37	128	275	0.010	ng	# 30
10) Hexachlorobutadiene	10.66	225	2	0.000	ng	# 1
12) 2-Methylnaphthalene	11.99	142	176	0.009	ng	# 68
16) Acenaphthylene	13.90	152	274	0.009	ng	# 89
17) Acenaphthene	14.25	154	207	0.010	ng	# 93
18) Fluorene	15.25	166	287	0.010	ng	# 97
20) 4-Bromophenyl-phenylether	16.12	248	2	0.000	ng	# 55
21) Hexachlorobenzene	16.21	284	5	0.000	ng	# 1
22) Pentachlorophenol	16.61	266	21	0.005	ng	# 61
23) Phenanthrene	16.97	178	422	0.008	ng	# 77
24) Anthracene	17.07	178	298	0.006	ng	# 94
26) Fluoranthene	19.00	202	448	0.007	ng	# 90
28) Pyrene	19.37	202	425	0.007	ng	# 96
30) Benzo(a)anthracene	21.12	228	497	0.008	ng	# 74
31) Chrysene	21.17	228	401	0.006	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.08	149	162	0.005	ng	# 93
33) Indeno(1,2,3-cd)pyrene	25.41	276	388	0.006	ng	# 90
35) Benzo(b)fluoranthene	22.65	252	470	0.007	ng	# 1
36) Benzo(k)fluoranthene	22.69	252	422	0.007	ng	# 1
37) Benzo(a)pyrene	23.19	252	355	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	25.42	278	330	0.006	ng	# 1
39) Benzo(g,h,i)perylene	26.04	276	341	0.006	ng	# 1

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

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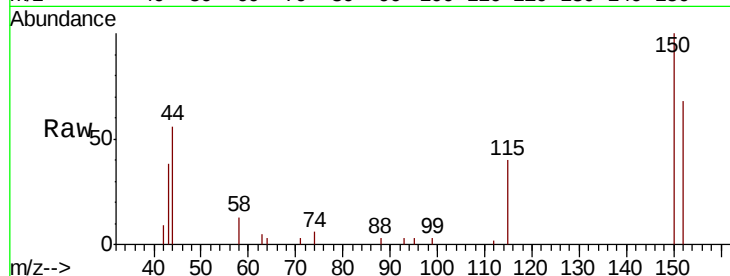


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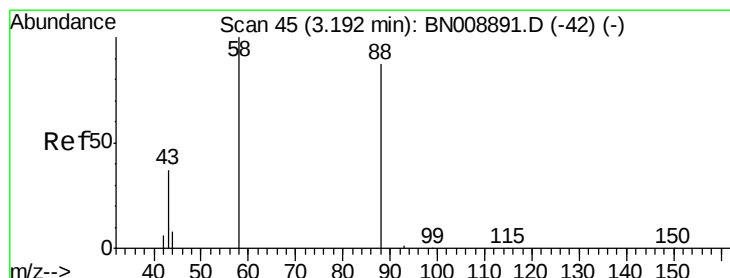
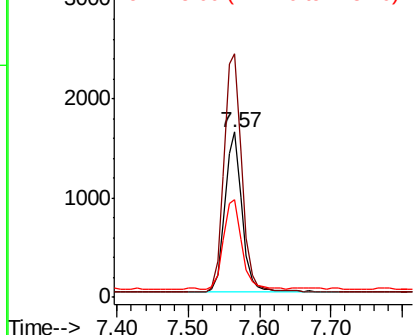
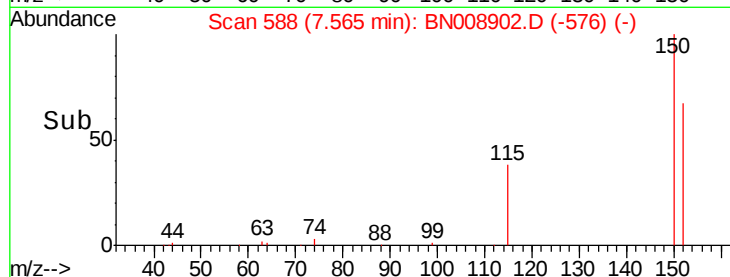
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2681
Ion Ratio Lower Upper
152 100
150 147.4 122.3 183.5
115 59.3 48.4 72.6



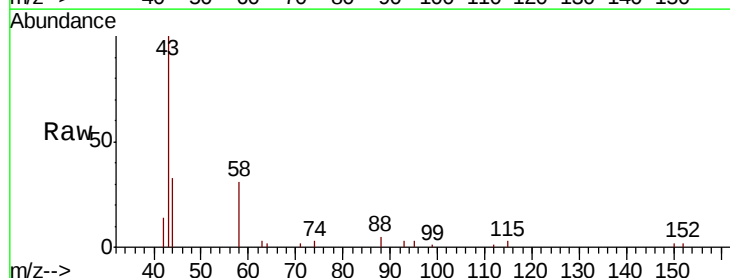
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



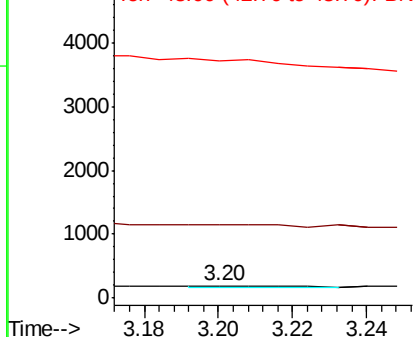
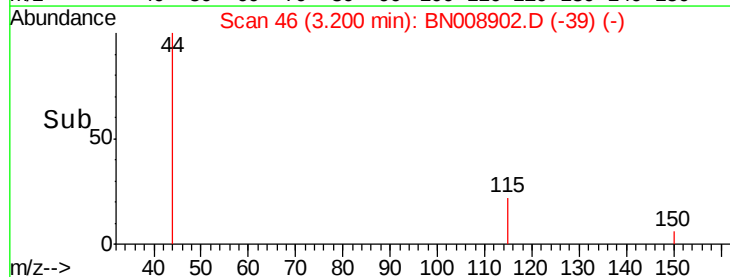
#2

1,4-Dioxane
Concen: 0.007 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion: 88 Resp: 17
Ion Ratio Lower Upper
88 100
58 0.0 88.6 132.8#
43 0.0 31.8 47.8#



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



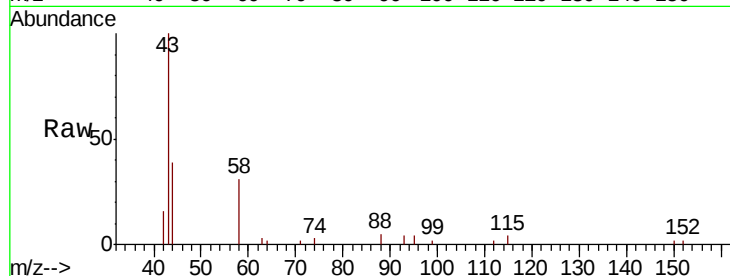


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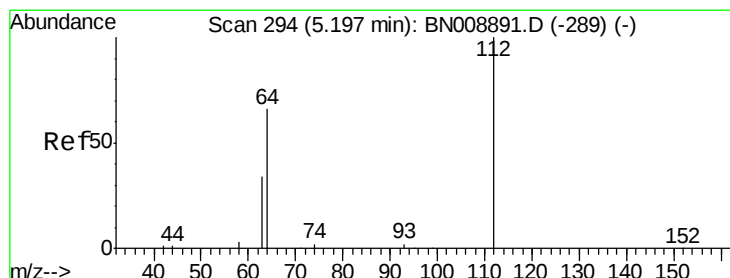
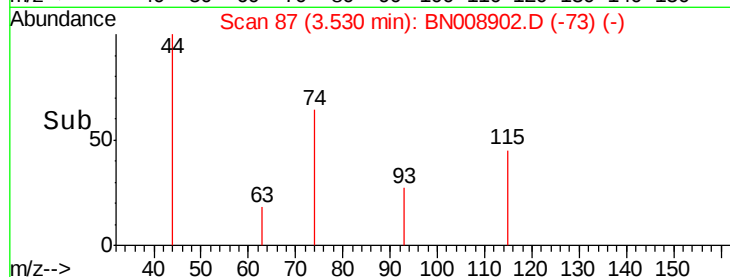
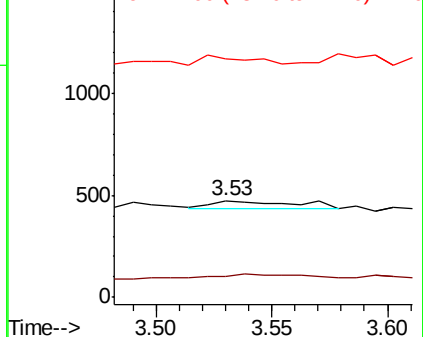
n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.53 min Scan# 87
 Delta R.T. 0.02 min
 Lab File: BN008902.D
 Acq: 10 Dec 2019 12:38

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	71.6	78.6	117.8#
44	69.5	0.0	0.0#



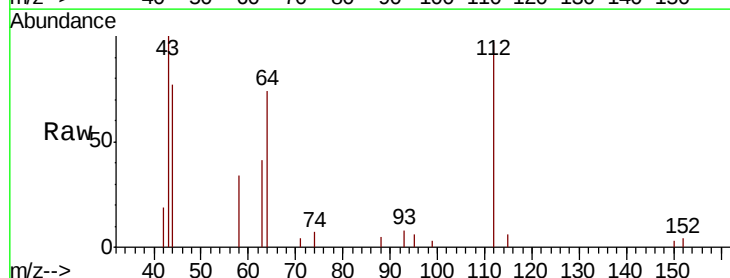
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



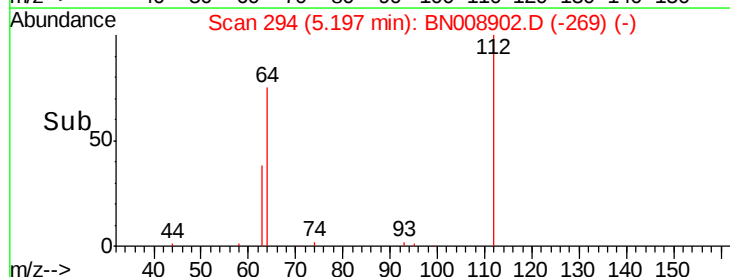
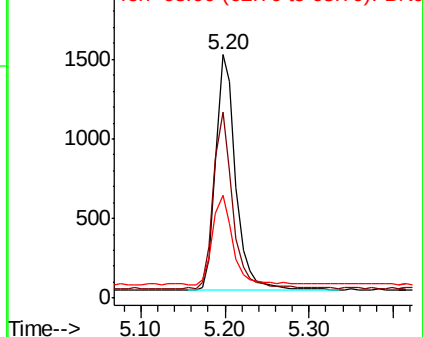
#4

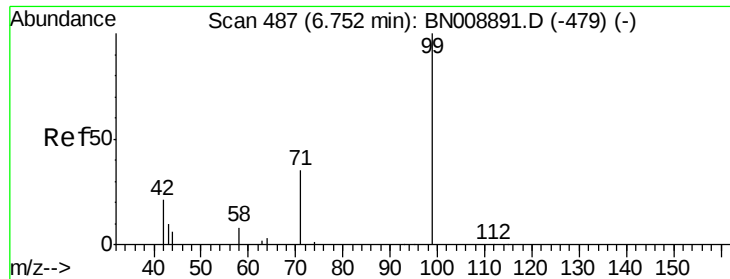
2-Fluorophenol
 Concen: 0.361 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN008902.D
 Acq: 10 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	57.7	86.5
63	37.8	29.6	44.4



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: 0.379 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampled :

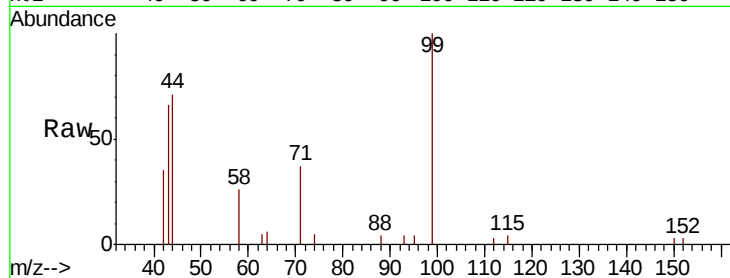
Tot Ion: 99 Resp: 3568

Ion Ratio Lower Upper

99 100

42 23.2 20.1 30.1

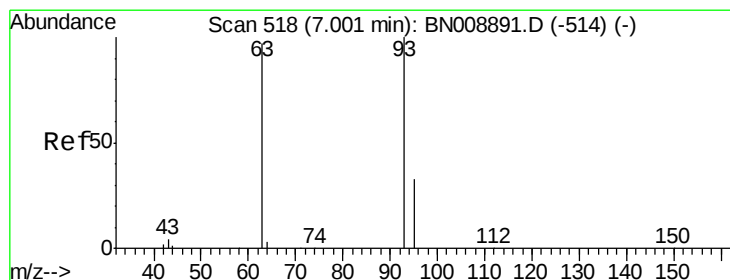
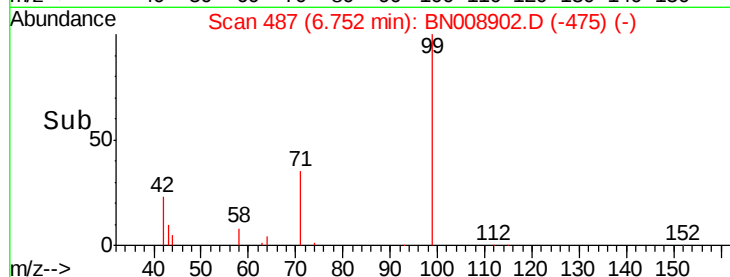
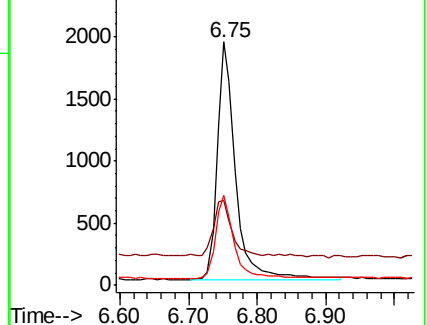
71 35.3 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008891.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008891.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008891.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.02 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

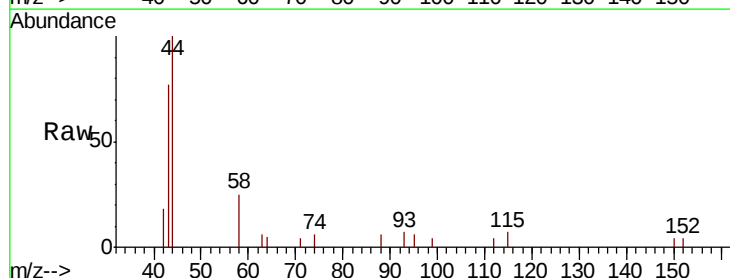
Tgt Ion: 93 Resp: 31

Ion Ratio Lower Upper

93 100

63 19.4 73.5 110.3#

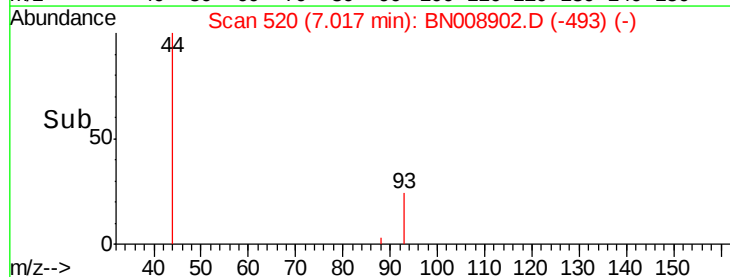
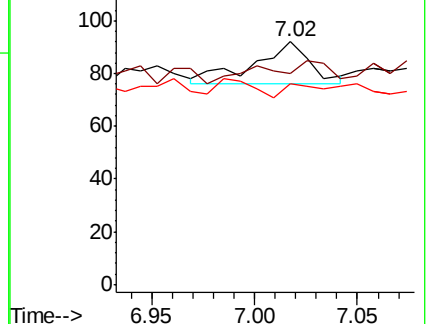
95 19.4 26.0 39.0#

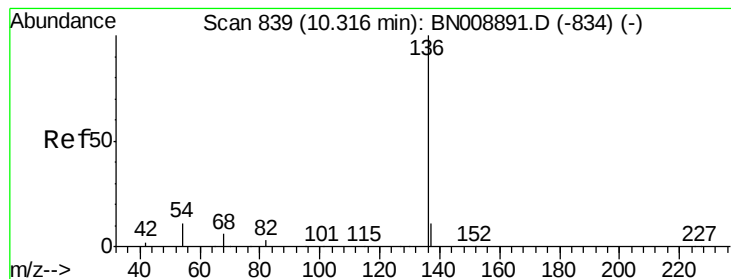


Abundance Ion 93.00 (92.70 to 93.70): BN008891.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN008891.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN008891.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 9969

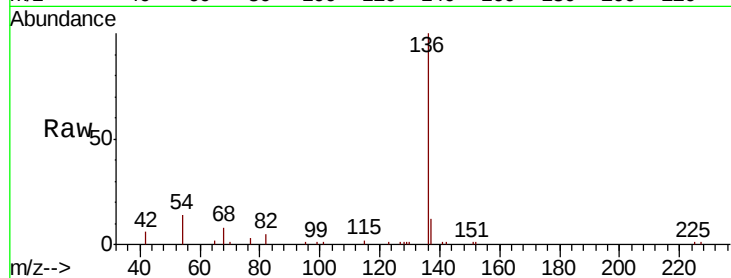
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 13.6 9.6 14.4

68 7.7 5.6 8.4

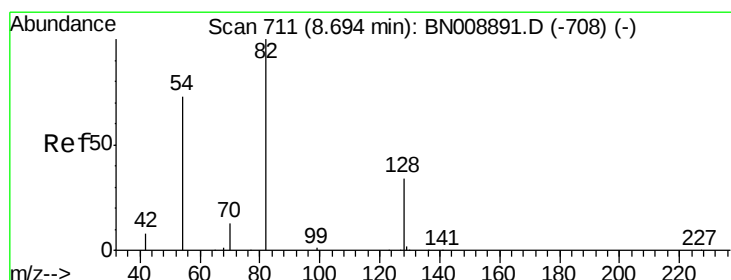
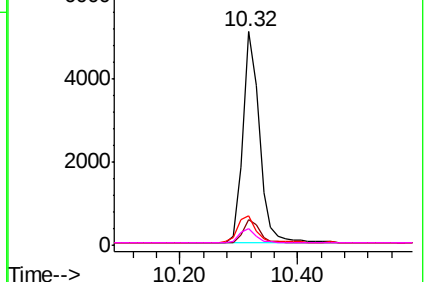
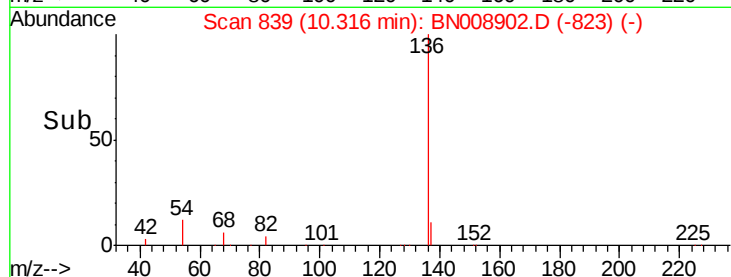


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.304 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.01 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

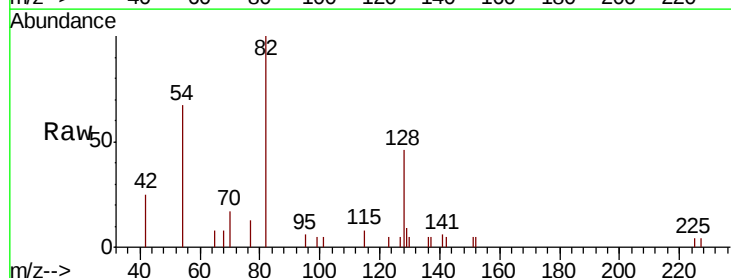
Tgt Ion: 82 Resp: 2570

Ion Ratio Lower Upper

82 100

128 46.1 29.1 43.7#

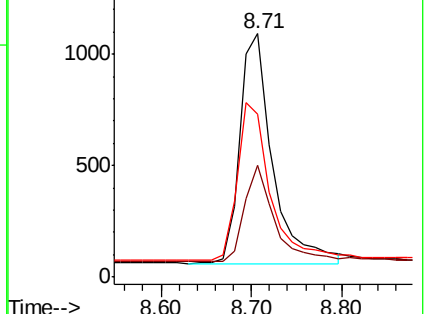
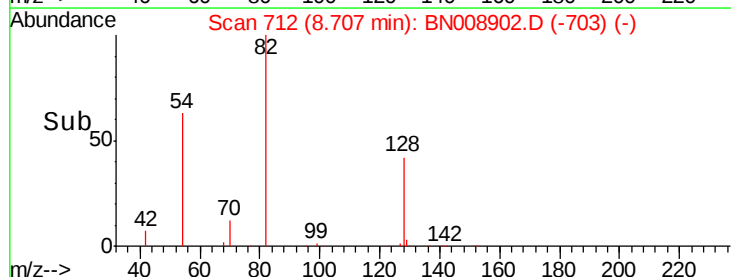
54 66.8 59.7 89.5

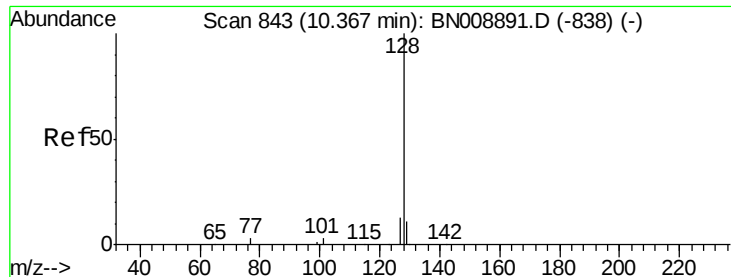


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

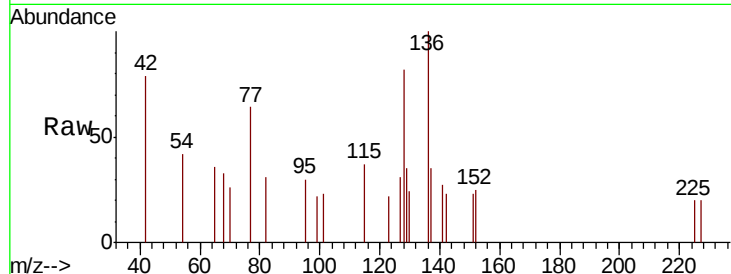




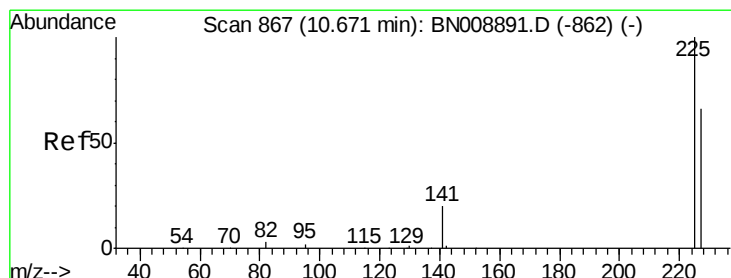
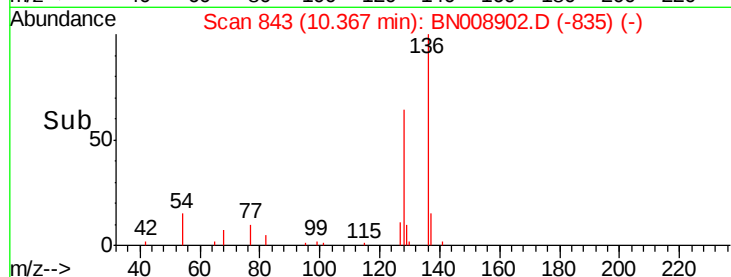
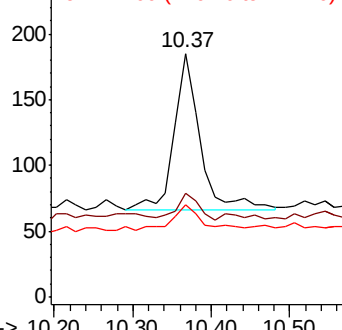
#9
Naphthalene
Concen: 0.010 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampled :

Tot Ion:128 Resp: 275
Ion Ratio Lower Upper
128 100
129 42.7 9.4 14.0#
127 37.8 10.8 16.2#

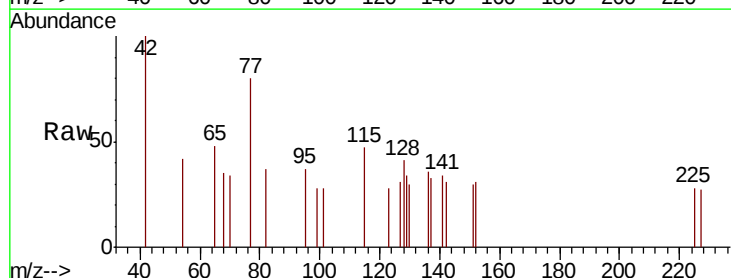


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

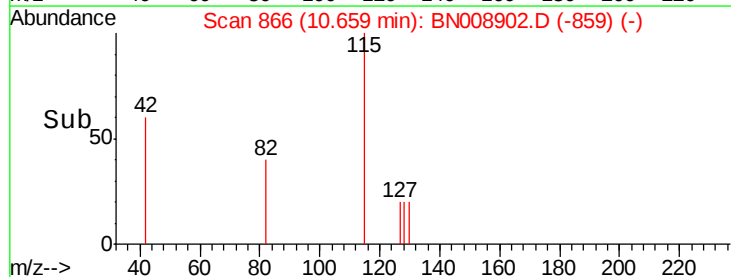
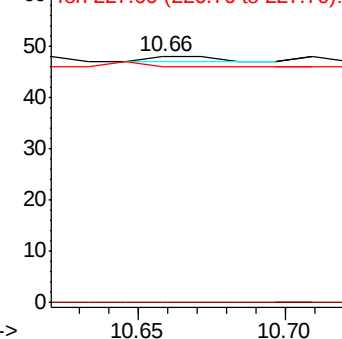


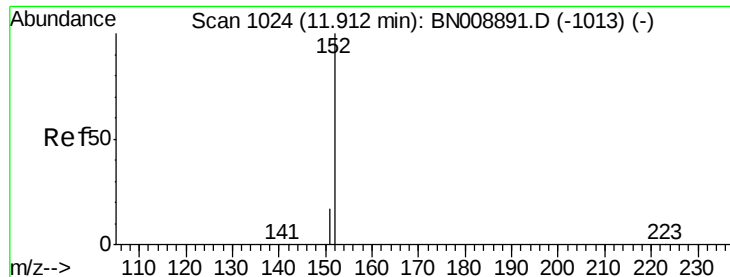
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.66 min Scan# 866
Delta R.T. -0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 650.0 51.4 77.2#



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

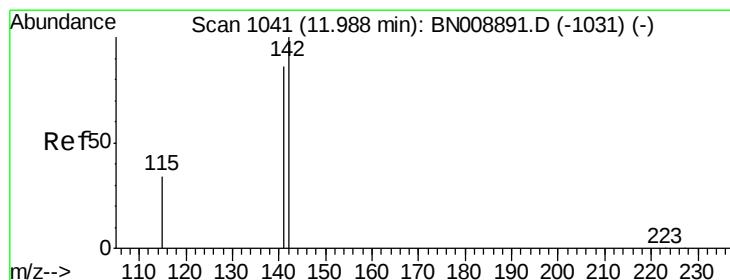
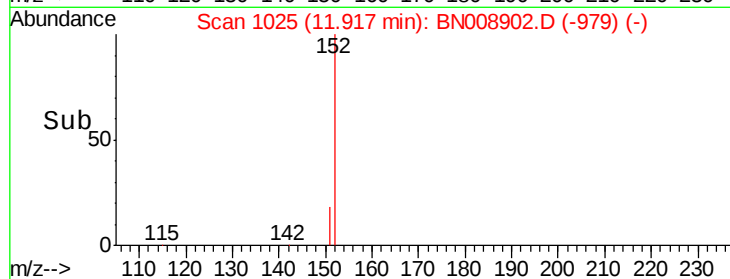
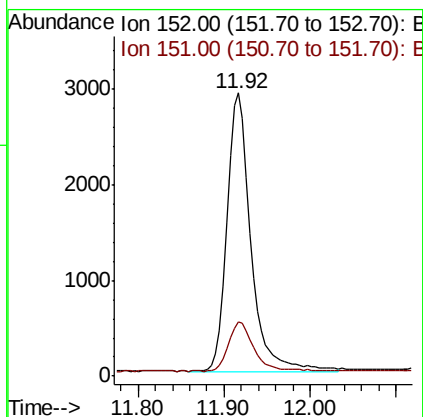
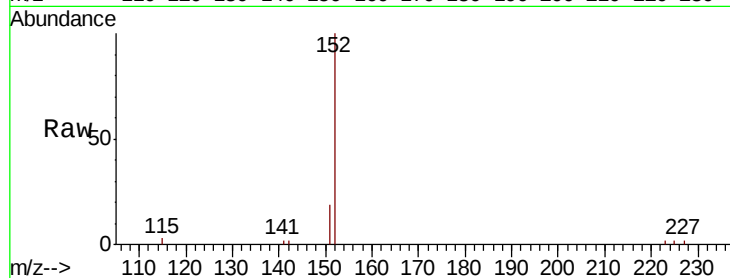




#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 11.92 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

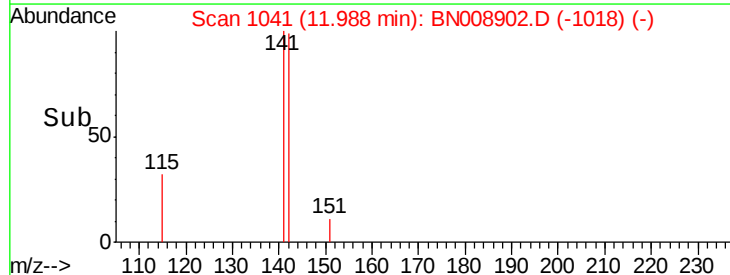
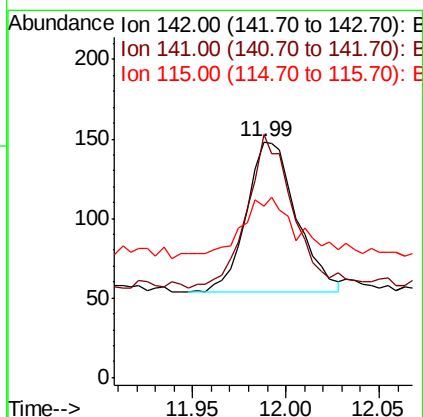
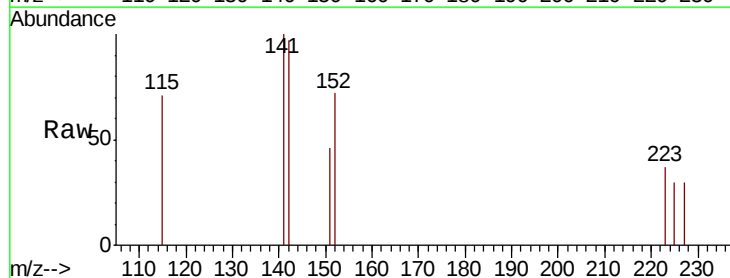
Instrument :
BNA_N
ClientSampleId :

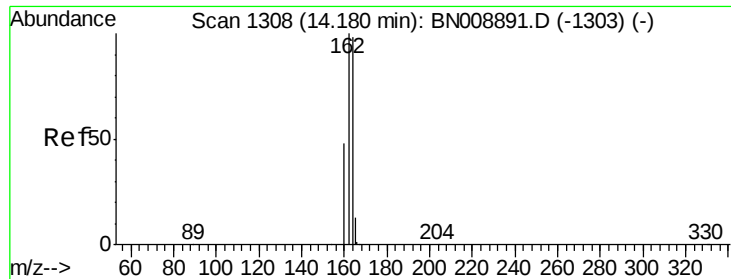
Tot Ion:152 Resp: 5585
Ion Ratio Lower Upper
152 100
151 19.1 15.2 22.8



#12
2-Methylnaphthalene
Concen: 0.009 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
141 103.4 69.3 103.9
115 73.0 27.9 41.9#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampled :

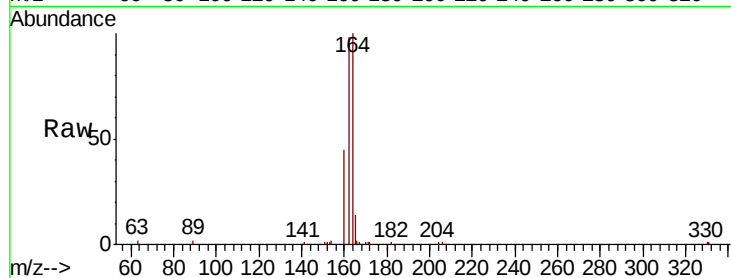
Tot Ion:164 Resp: 6864

Ion Ratio Lower Upper

164 100

162 97.7 81.9 122.9

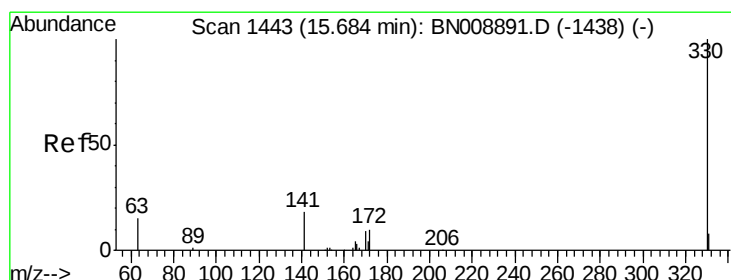
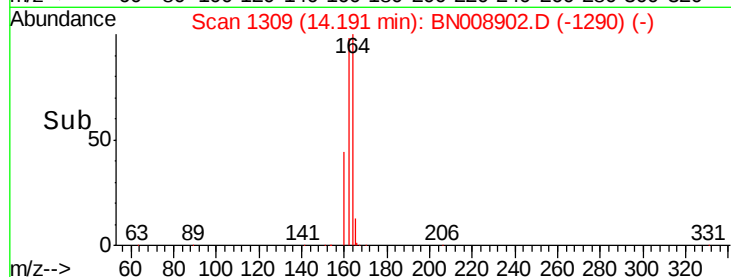
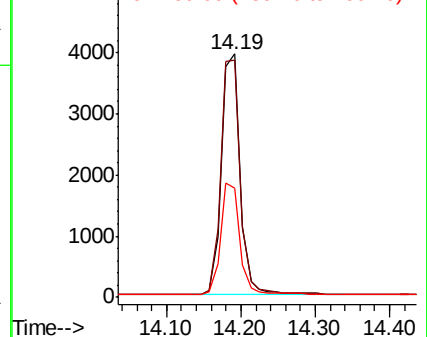
160 45.1 39.3 58.9



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: 0.148 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

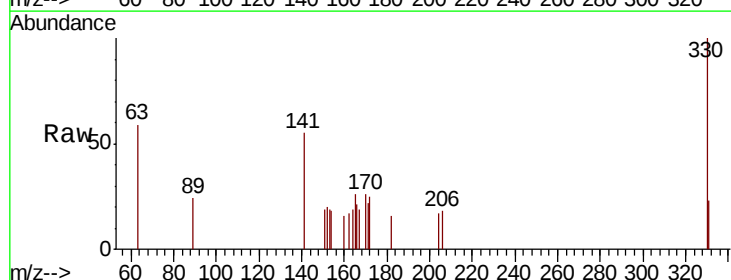
Tgt Ion:330 Resp: 487

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

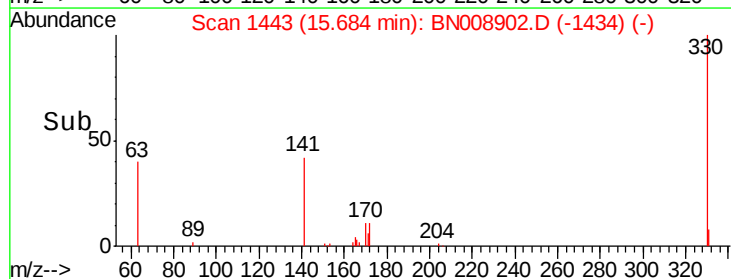
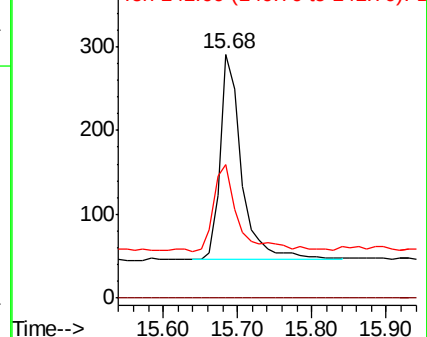
141 51.1 29.6 44.4#



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

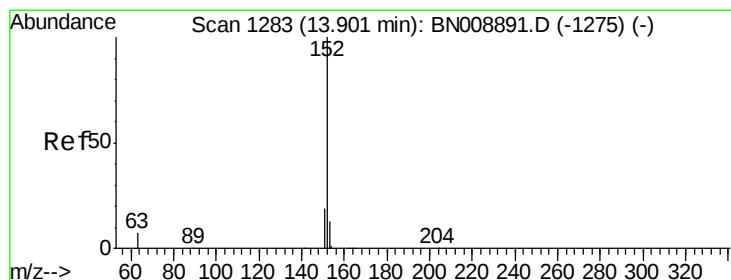
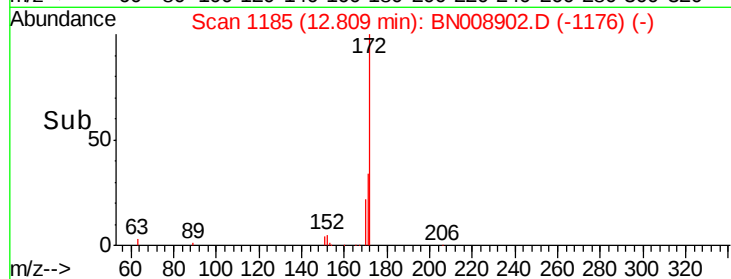
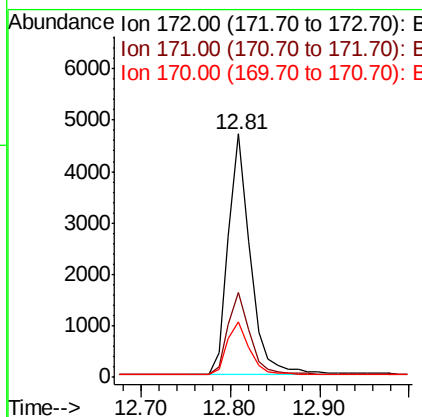
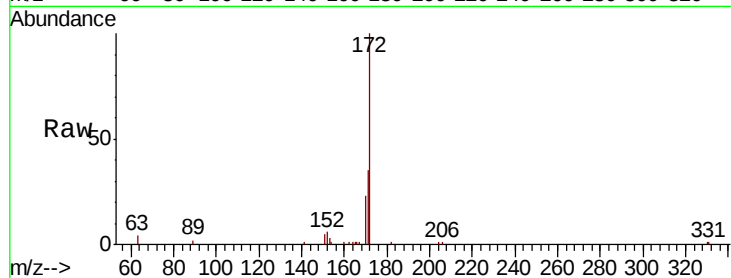




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

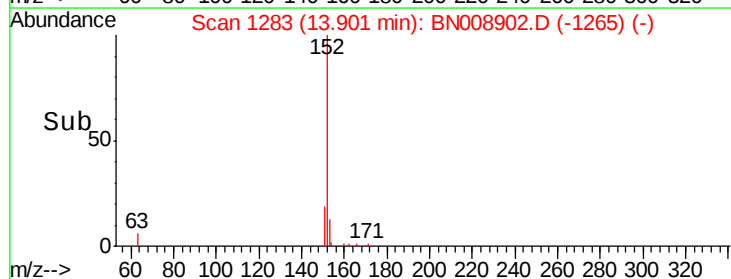
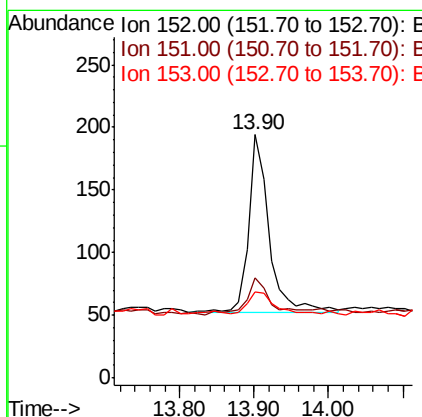
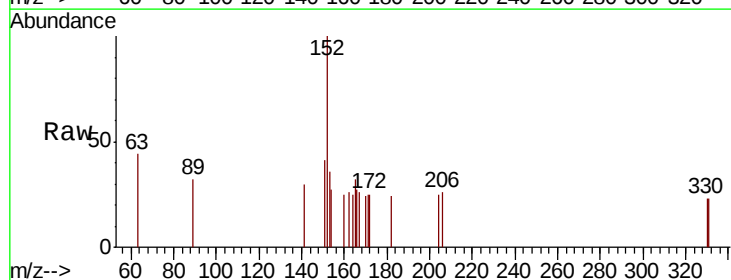
Instrument :
BNA_N
ClientSampleId :

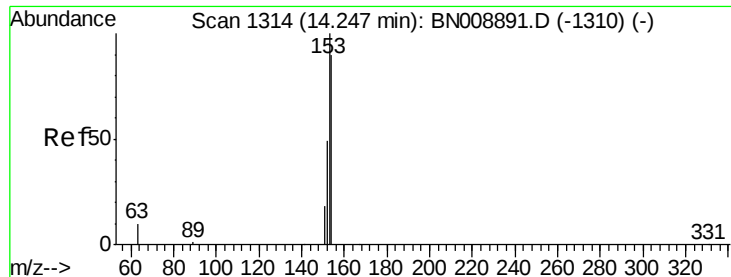
Tot Ion:172 Resp: 8172
Ion Ratio Lower Upper
172 100
171 34.8 27.1 40.7
170 22.8 17.7 26.5



#16
Acenaphthylene
Concen: 0.009 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:152 Resp: 274
Ion Ratio Lower Upper
152 100
151 24.8 15.3 22.9#
153 16.4 10.3 15.5#





#17

Acenaphthene

Concen: 0.010 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampled :

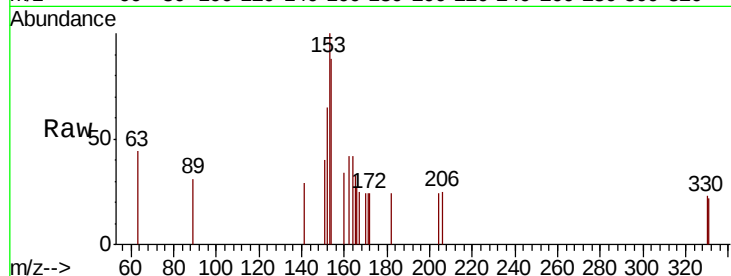
Tot Ion:154 Resp: 207

Ion Ratio Lower Upper

154 100

153 120.3 89.2 133.8

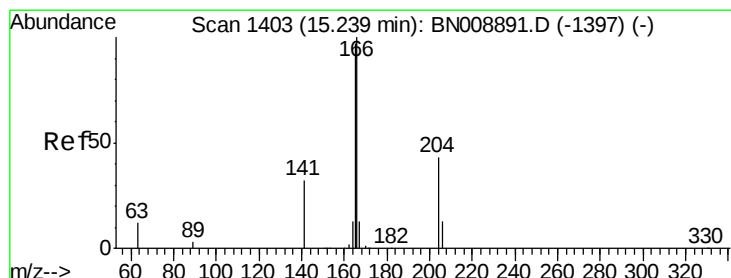
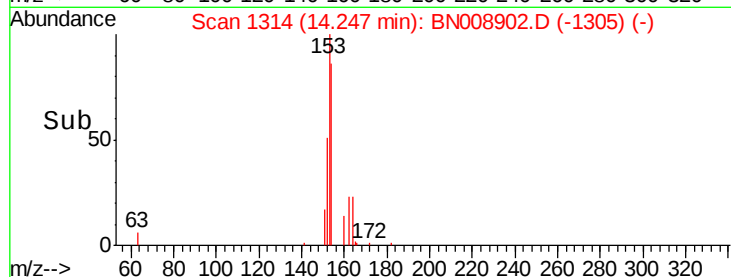
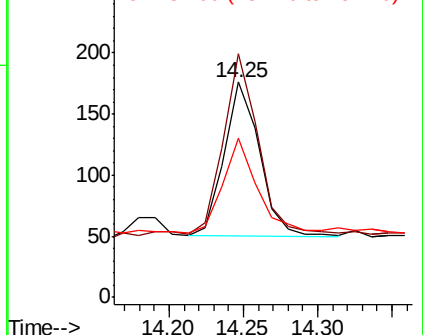
152 58.9 44.2 66.4



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: 0.010 ng

RT: 15.25 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

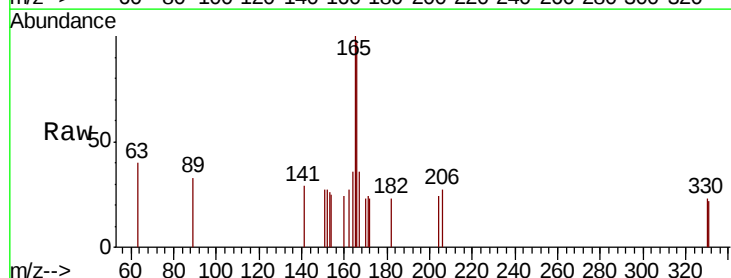
Tgt Ion:166 Resp: 287

Ion Ratio Lower Upper

166 100

165 93.4 77.3 115.9

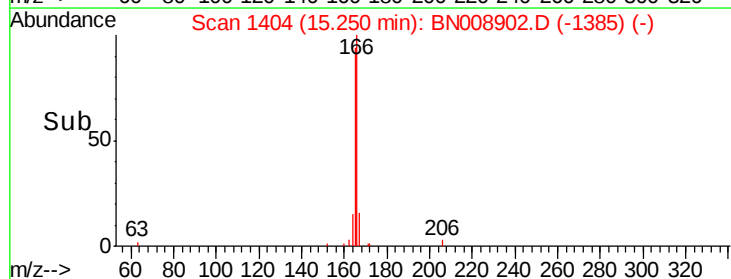
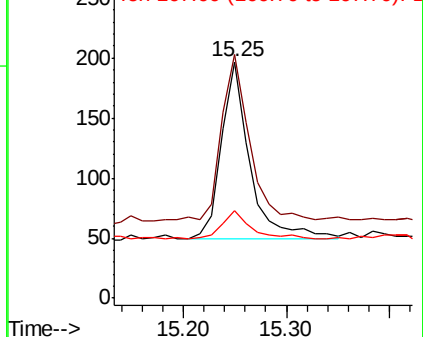
167 15.0 10.8 16.2

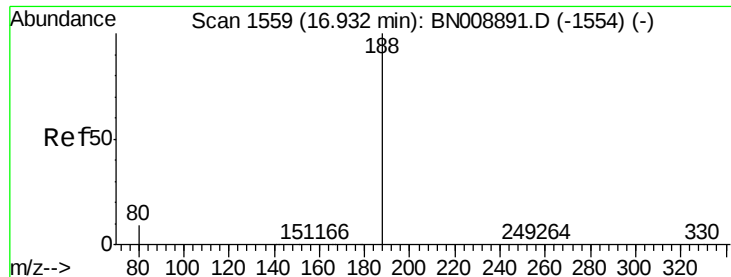


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

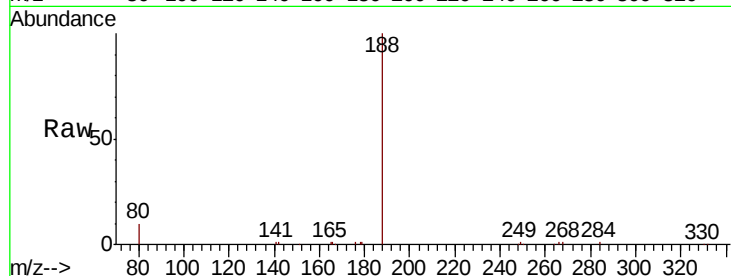
Tot Ion:188 Resp: 17738

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

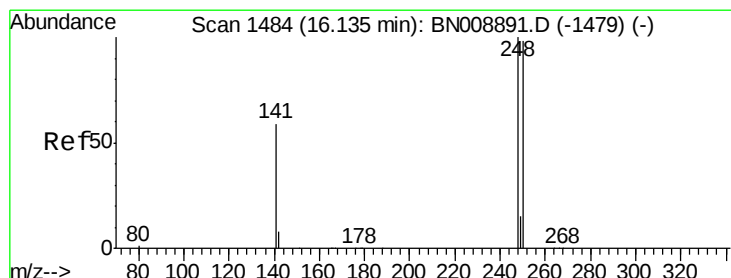
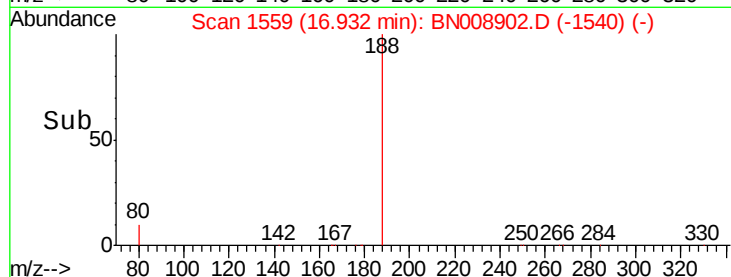
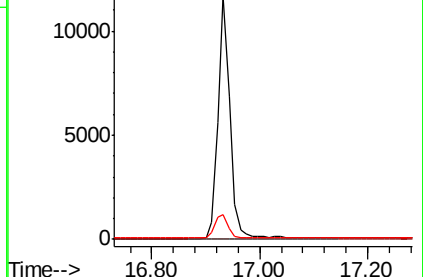
80 10.3 7.3 10.9



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: 0.000 ng

RT: 16.12 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

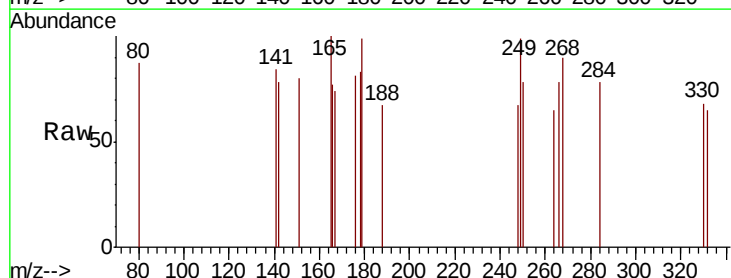
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 117.4 78.7 118.1

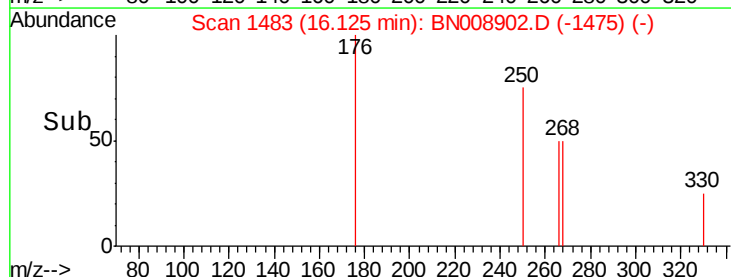
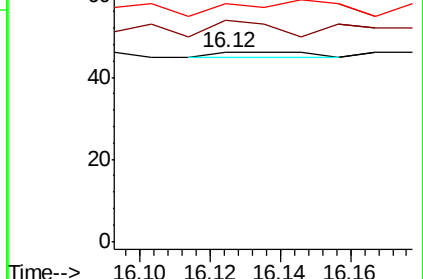
141 126.1 47.9 71.9#

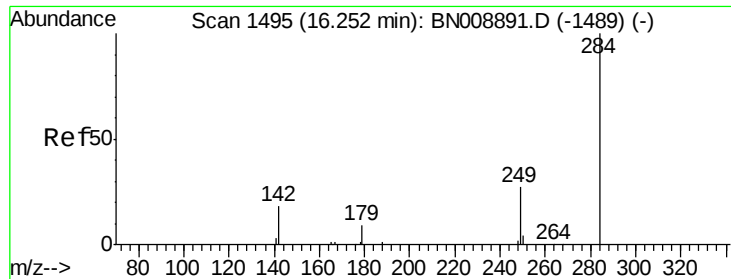


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.21 min Scan# 1491

Delta R.T. -0.04 min

Lab File: BN008902.D

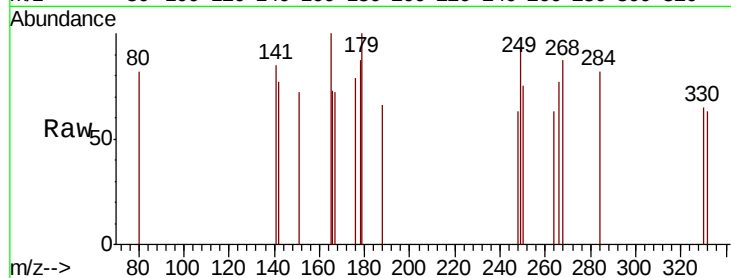
Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

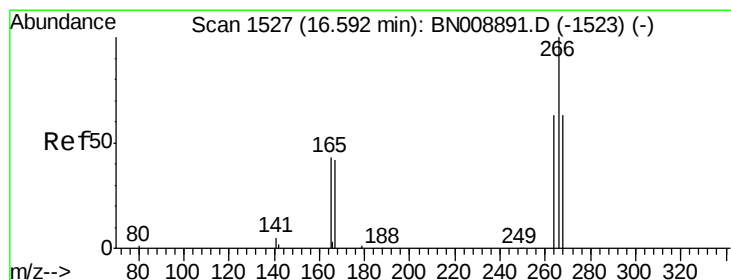
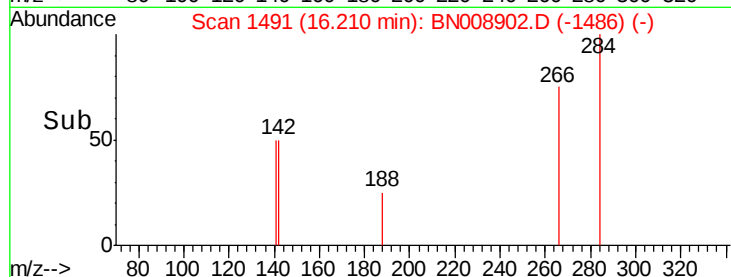
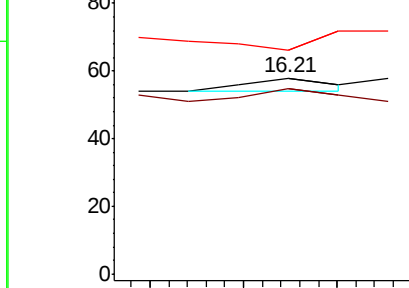
Tot Ion:284	Resp: 5
Ion Ratio	Lower Upper
284 100	
142 80.0	27.8 41.6#
249 420.0	25.3 37.9#



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: 0.005 ng

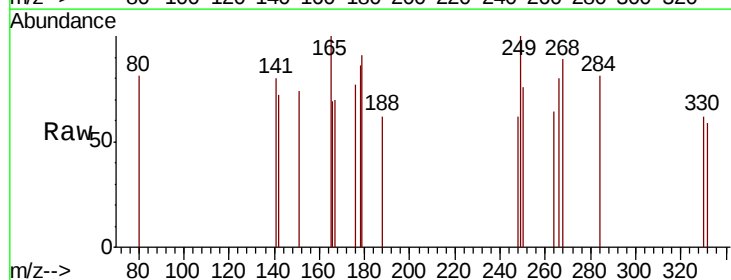
RT: 16.61 min Scan# 1529

Delta R.T. 0.02 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

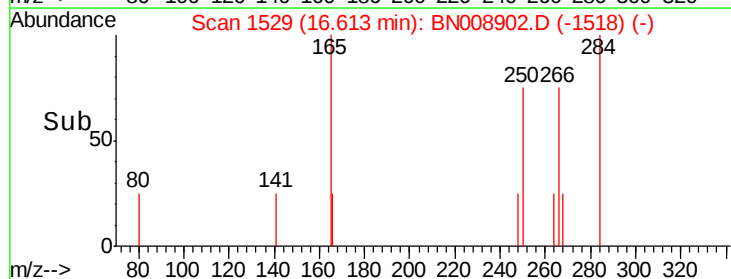
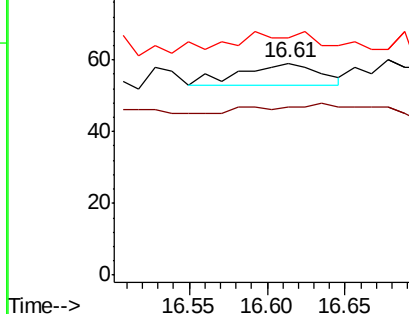
Tgt	Ion:266	Resp:	21
Ion	Ratio	Lower	Upper
266	100		
264	79.7	51.5	77.3#
268	111.9	53.1	79.7#

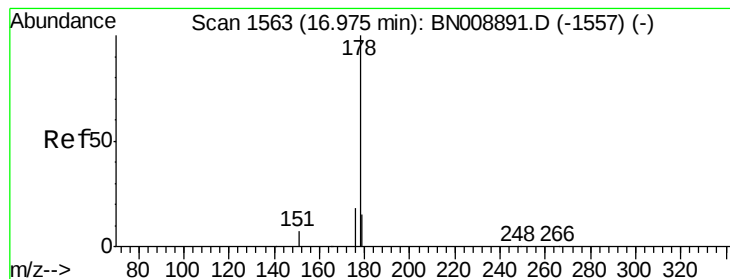


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.008 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

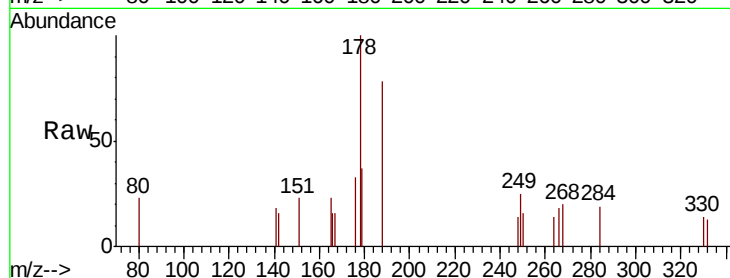
Tot Ion:178 Resp: 422

Ion Ratio Lower Upper

178 100

176 23.9 14.9 22.3#

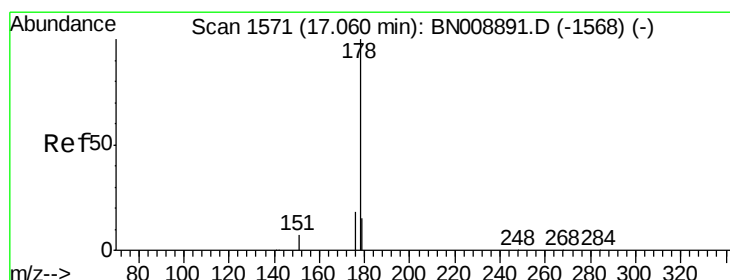
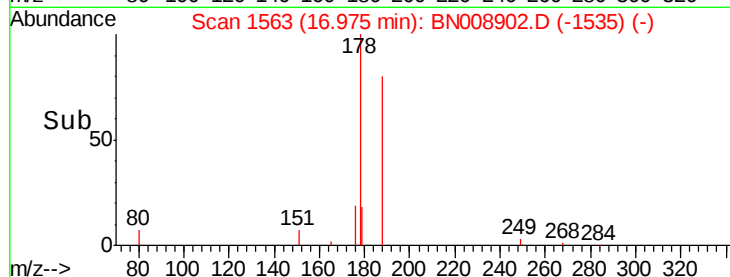
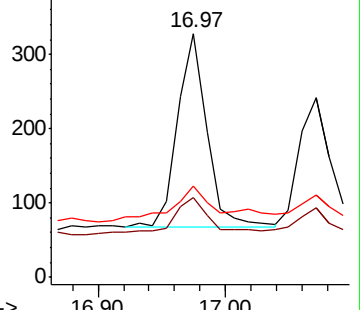
179 30.3 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.006 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

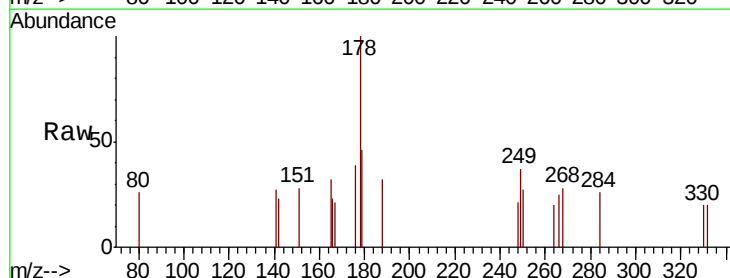
Tgt Ion:178 Resp: 298

Ion Ratio Lower Upper

178 100

176 18.8 14.4 21.6

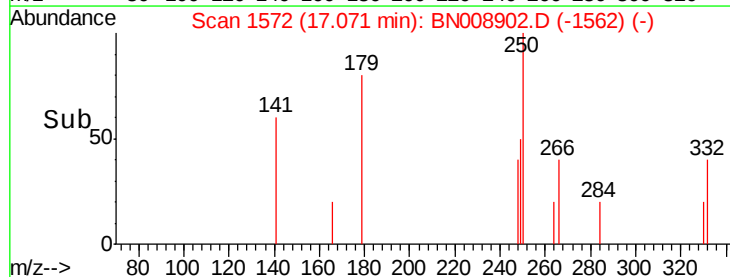
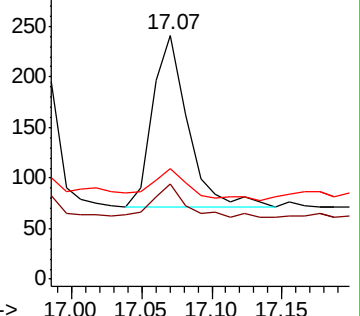
179 19.8 12.1 18.1#

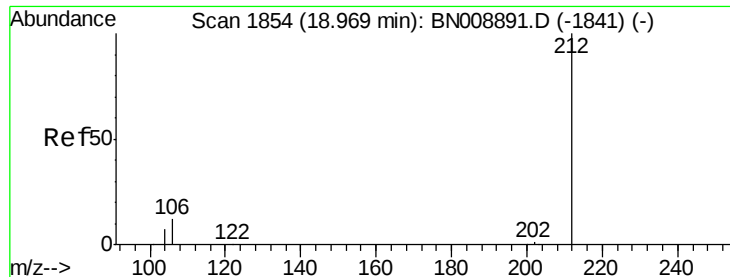


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.351 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

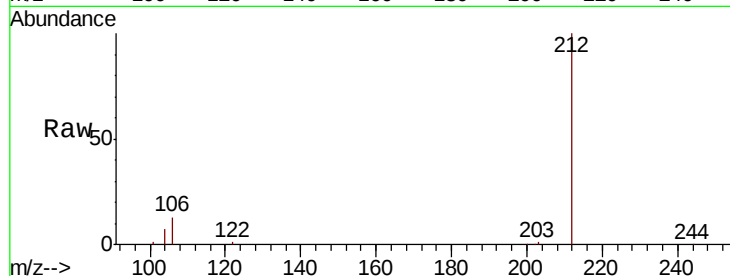
Tot Ion:212 Resp: 18832

Ion Ratio Lower Upper

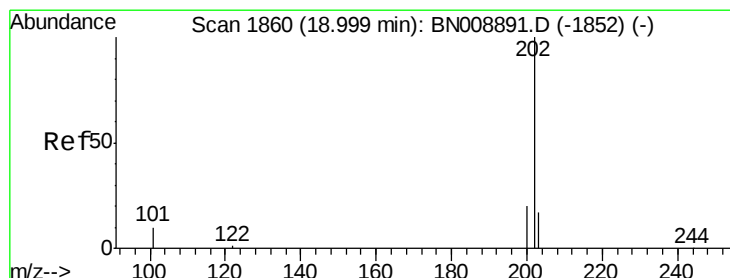
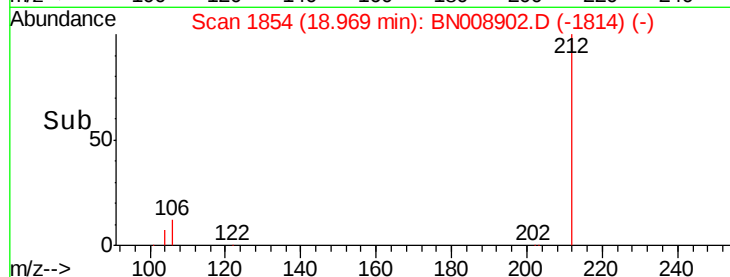
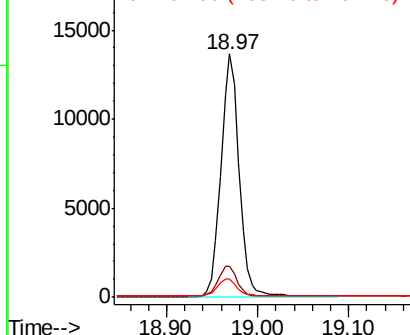
212 100

106 12.9 10.4 15.6

104 7.2 5.9 8.9



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: 0.007 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

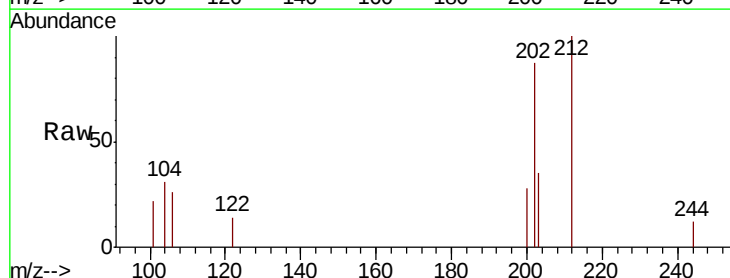
Tgt Ion:202 Resp: 448

Ion Ratio Lower Upper

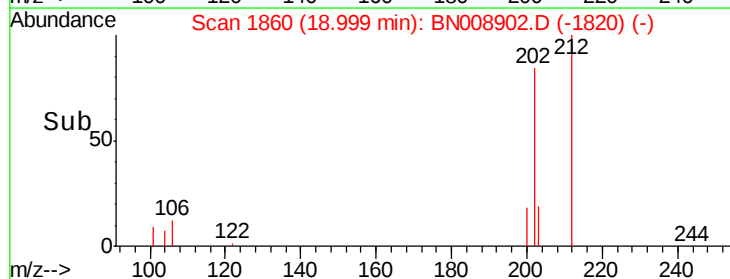
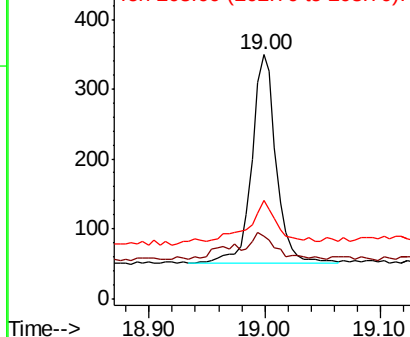
202 100

101 13.6 8.8 13.2#

203 22.1 13.8 20.6#



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

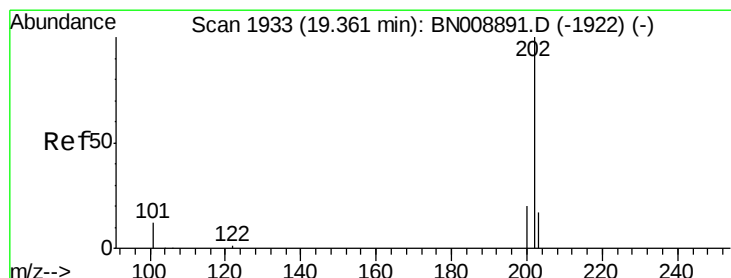
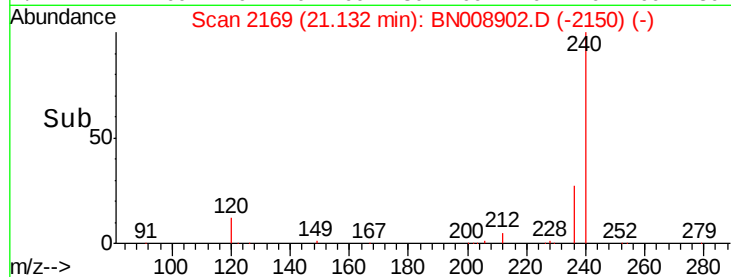
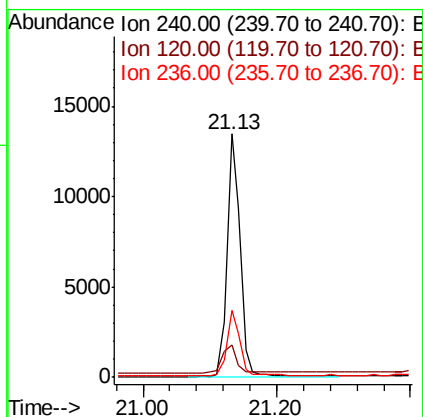
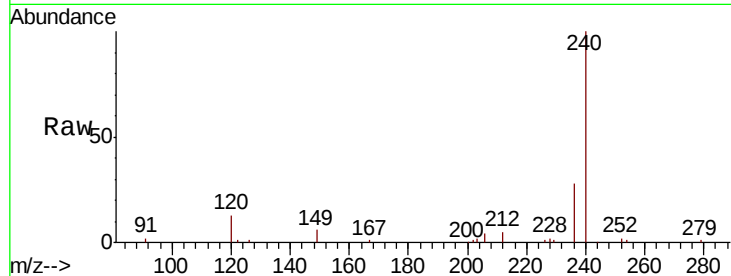




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

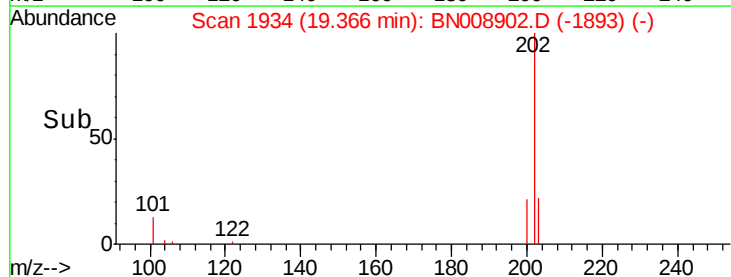
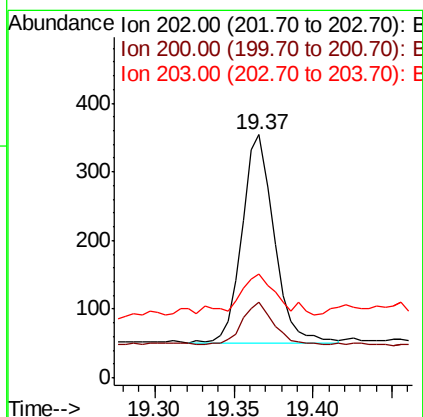
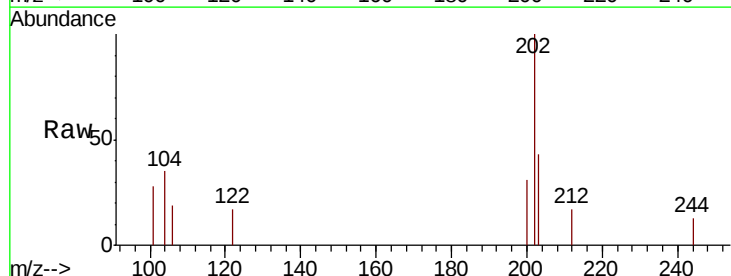
Instrument :
BNA_N
ClientSampleId :

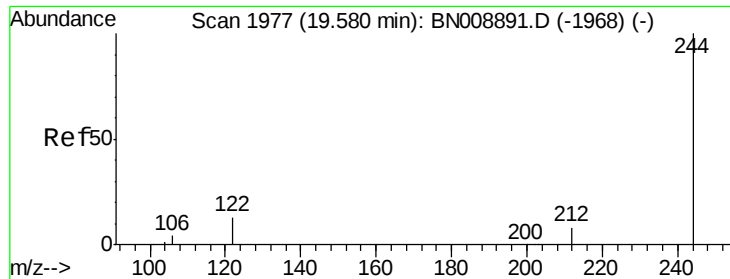
Tot Ion:240 Resp: 17957
Ion Ratio Lower Upper
240 100
120 13.3 9.1 13.7
236 27.7 21.5 32.3



#28
Pyrene
Concen: 0.007 ng
RT: 19.37 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:202 Resp: 425
Ion Ratio Lower Upper
202 100
200 20.7 16.1 24.1
203 20.7 13.9 20.9





#29

Terphenyl-d14

Concen: 0.345 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

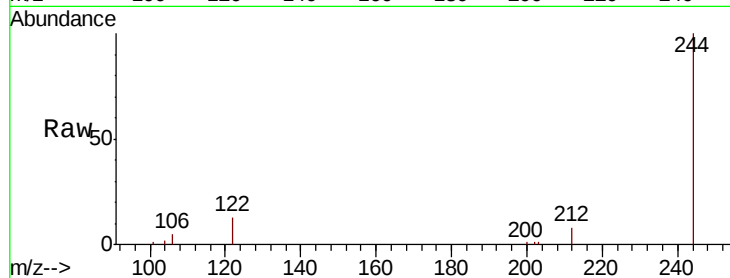
Tot Ion:244 Resp: 14148

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 13.1 10.4 15.6

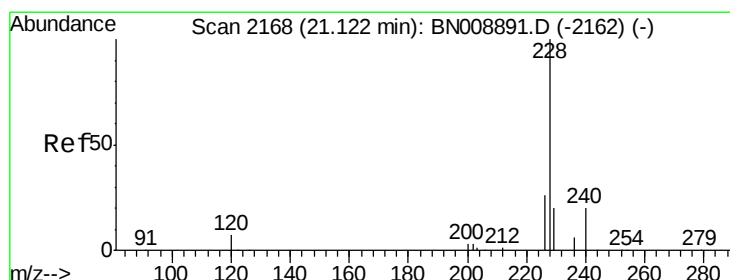
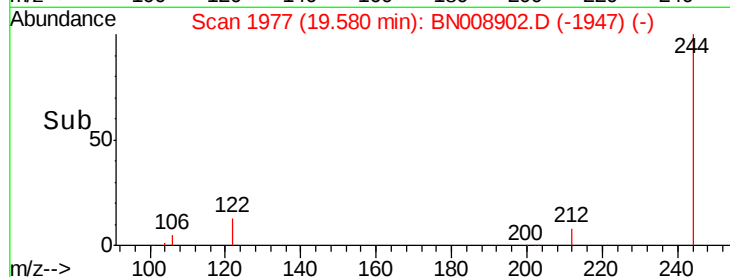
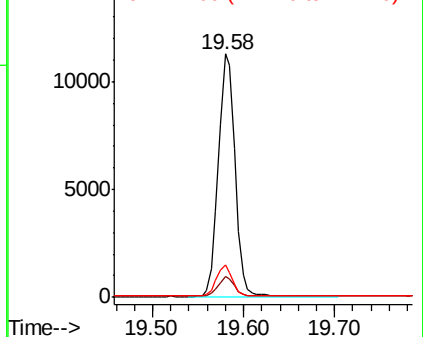


Abundance

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: 0.008 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

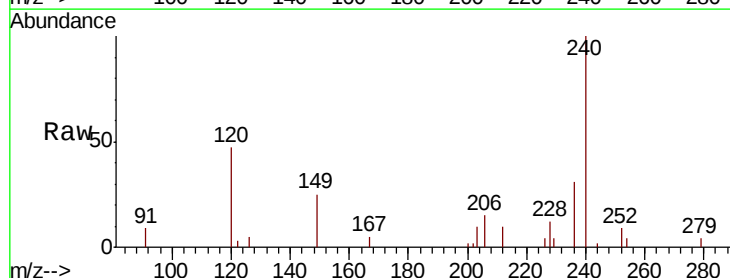
Tgt Ion:228 Resp: 497

Ion Ratio Lower Upper

228 100

226 36.9 20.6 30.8#

229 33.6 15.9 23.9#

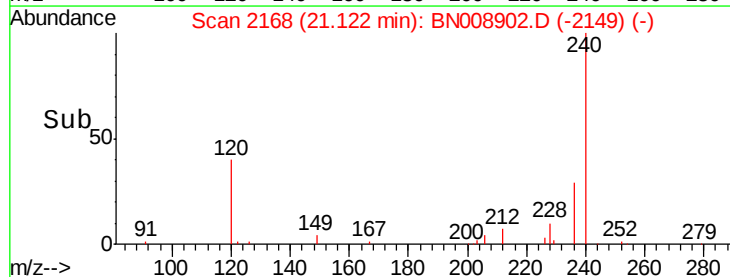
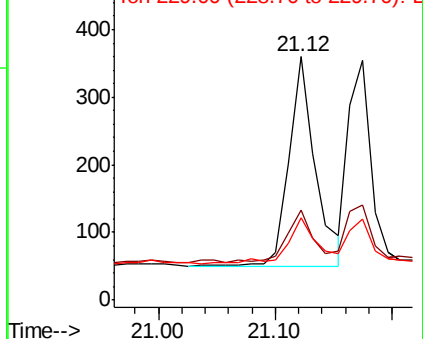


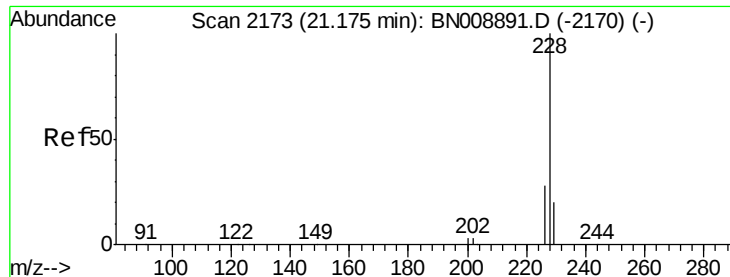
Abundance

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: 0.006 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampled :

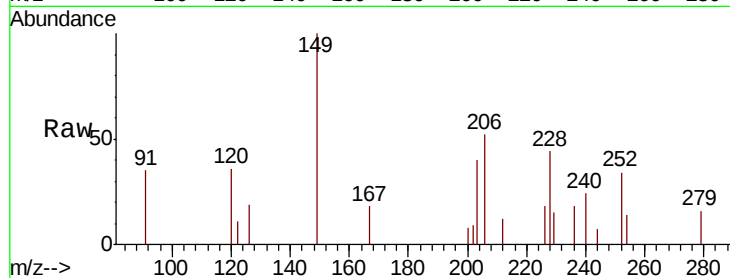
Tot Ion:228 Resp: 401

Ion Ratio Lower Upper

228 100

226 39.7 22.2 33.4#

229 33.8 15.9 23.9#

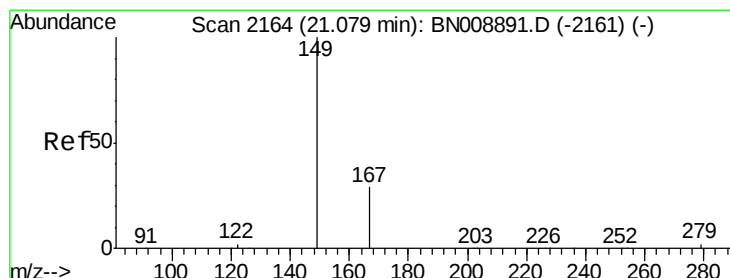
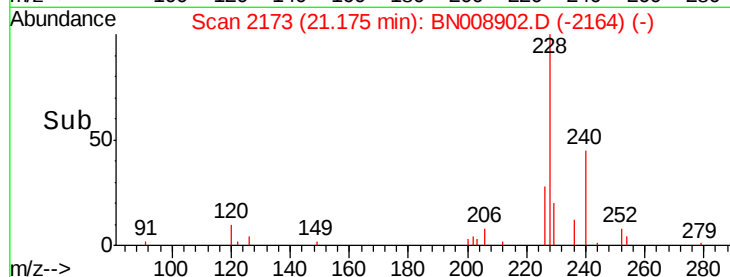
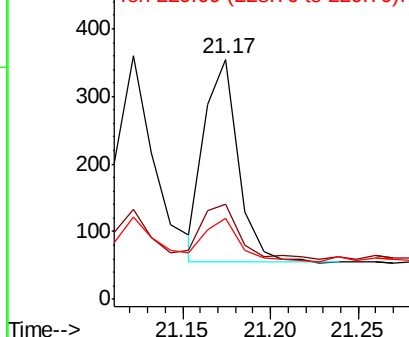


Abundance

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: 0.005 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

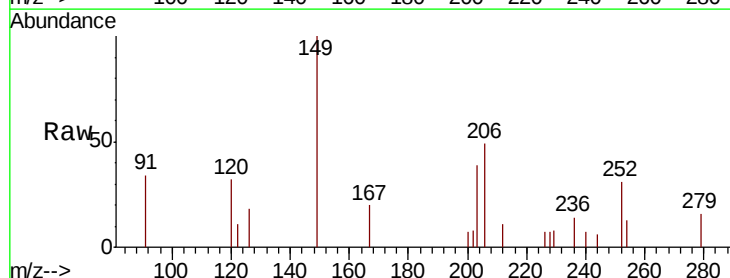
Tgt Ion:149 Resp: 162

Ion Ratio Lower Upper

149 100

167 29.6 22.7 34.1

279 17.9 3.3 4.9#

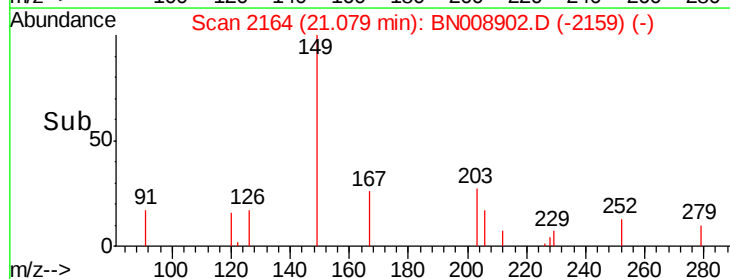
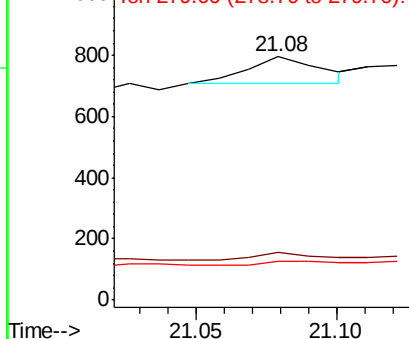


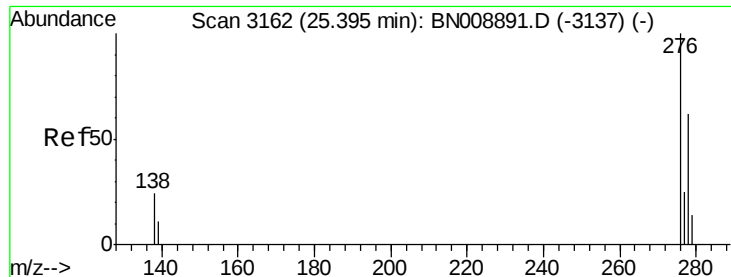
Abundance

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

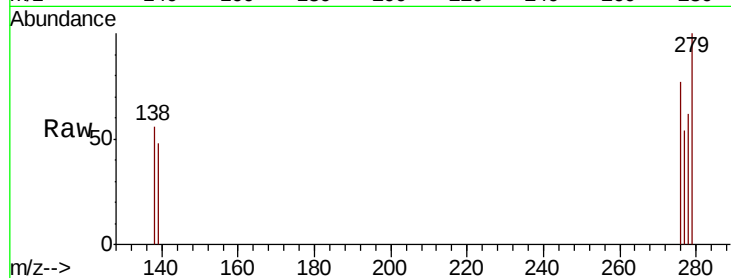




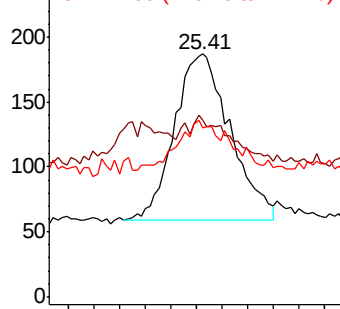
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.006 ng
 RT: 25.41 min Scan# 3165
 Delta R.T. 0.01 min
 Lab File: BN008902.D
 Acq: 10 Dec 2019 12:38

Instrument :
 BNA_N
 ClientSampleId :

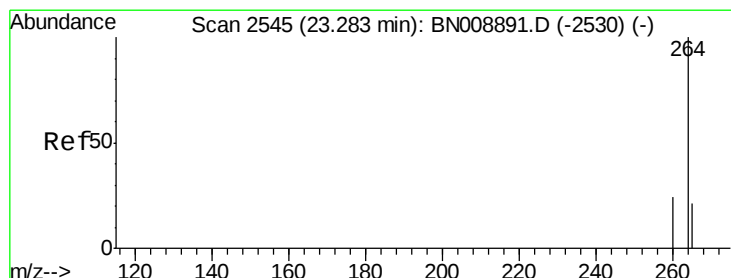
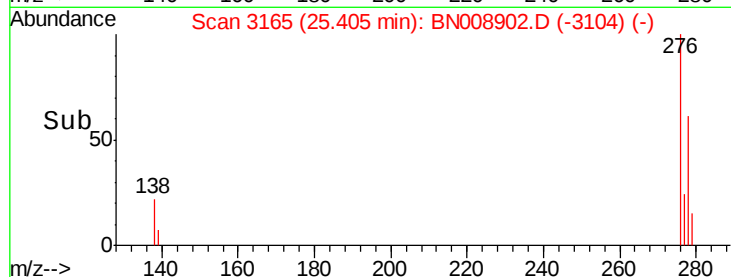
Tot Ion:276 Resp: 388
 Ion Ratio Lower Upper
 276 100
 138 17.5 19.9 29.9#
 277 27.6 19.8 29.8



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

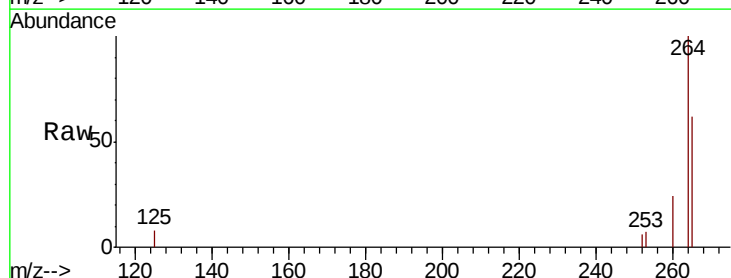


Time--> 25.30 25.40

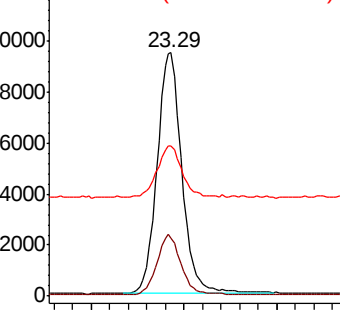


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.29 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BN008902.D
 Acq: 10 Dec 2019 12:38

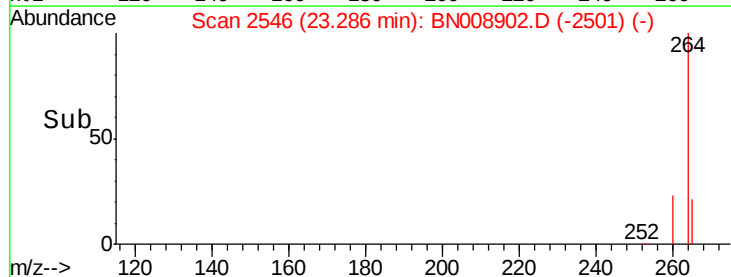
Tgt Ion:264 Resp: 17809
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 61.5 47.5 71.3

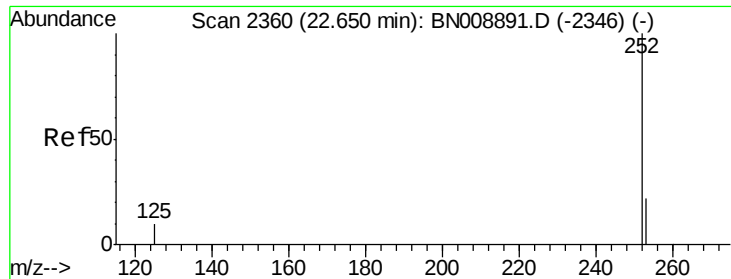


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time--> 23.20 23.30 23.40





#35

Benzo(b)fluoranthene

Concen: 0.007 ng

RT: 22.65 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

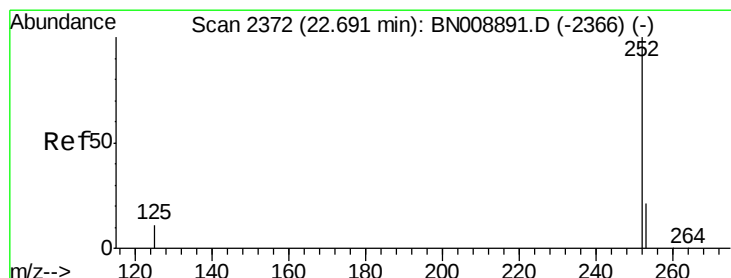
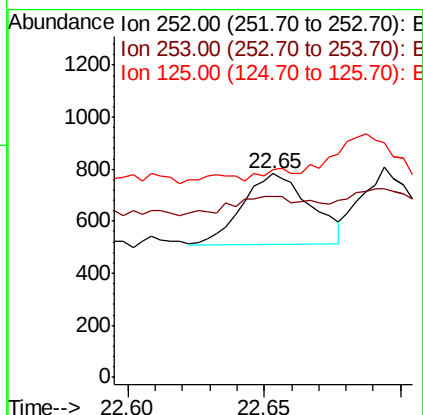
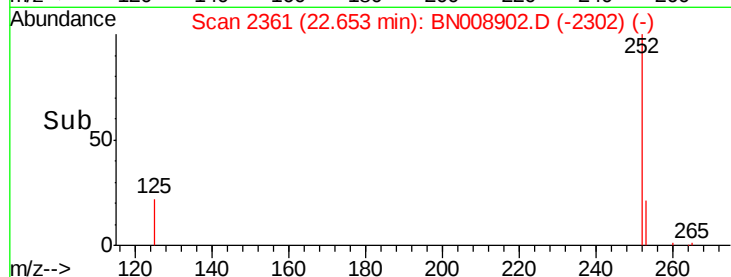
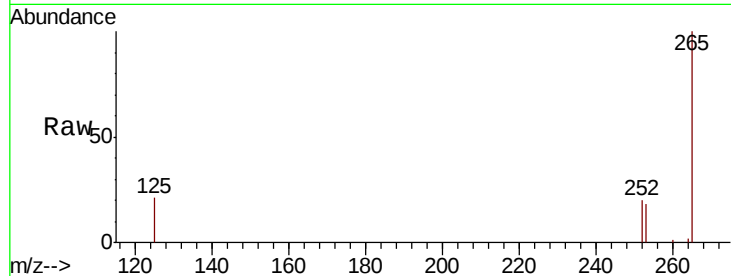
Tot Ion:252 Resp: 470

Ion Ratio Lower Upper

252 100

253 88.5 19.8 29.6#

125 102.2 10.8 16.2#



#36

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 22.69 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

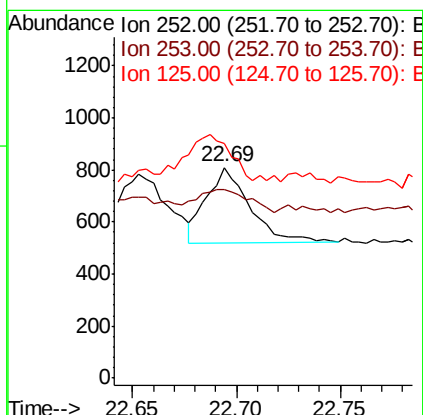
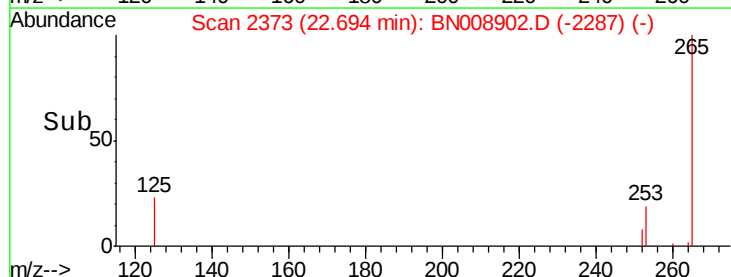
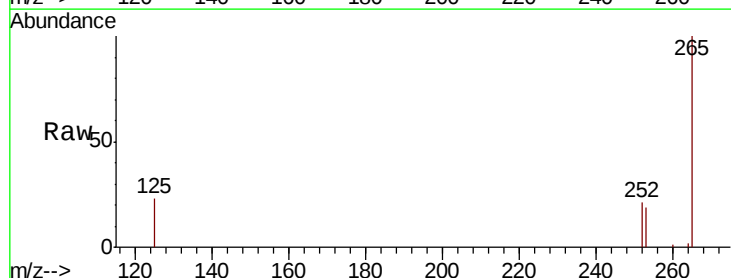
Tgt Ion:252 Resp: 422

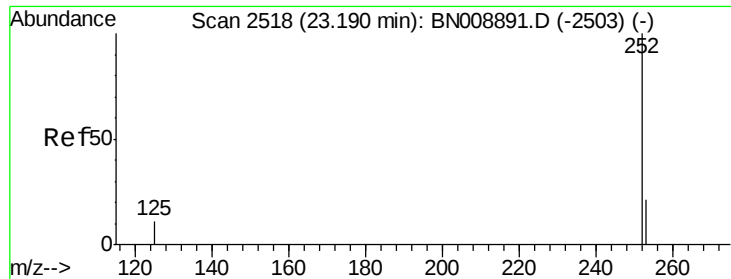
Ion Ratio Lower Upper

252 100

253 89.4 19.2 28.8#

125 111.5 11.6 17.4#





#37

Benzo(a)pyrene

Concen: 0.006 ng

RT: 23.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

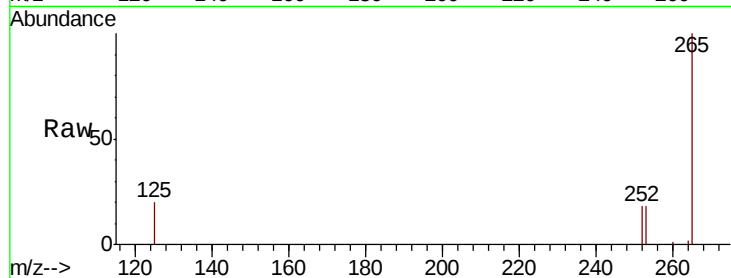
Tot Ion:252 Resp: 355

Ion Ratio Lower Upper

252 100

253 100.6 19.9 29.9#

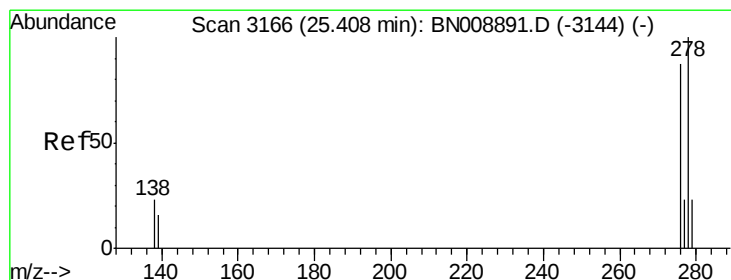
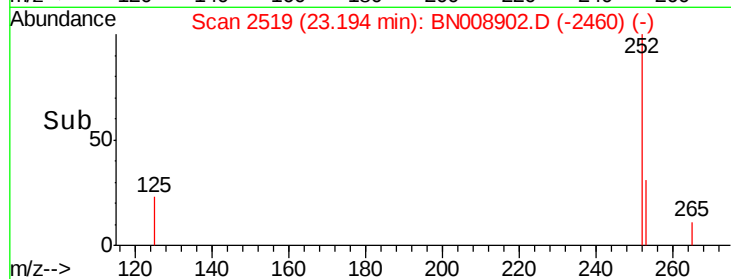
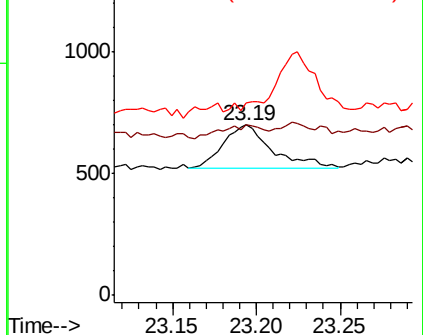
125 113.5 12.3 18.5#



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: 0.006 ng

RT: 25.42 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

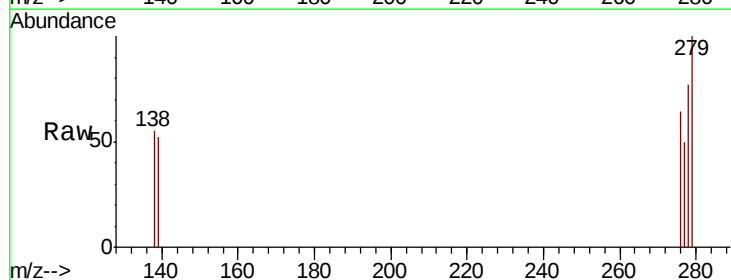
Tgt Ion:278 Resp: 330

Ion Ratio Lower Upper

278 100

139 67.0 13.9 20.9#

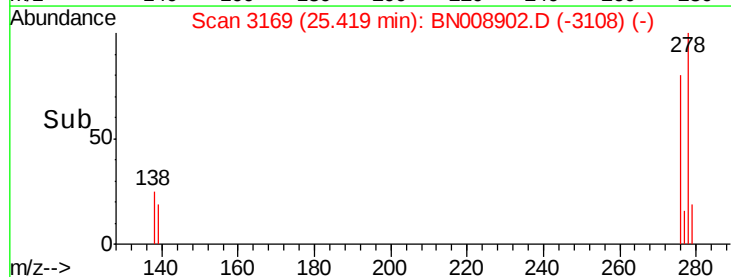
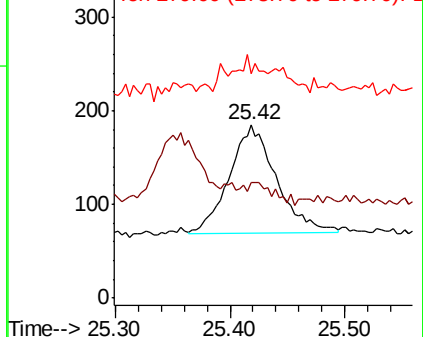
279 129.2 20.2 30.4#

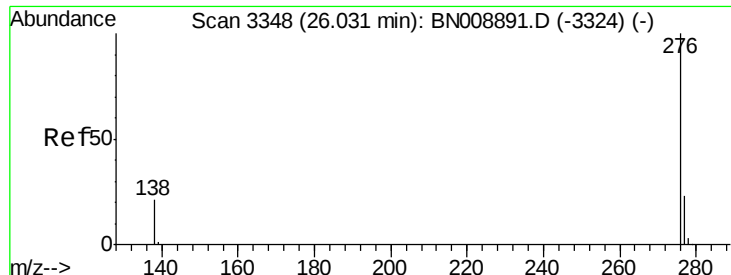


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.006 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.01 min

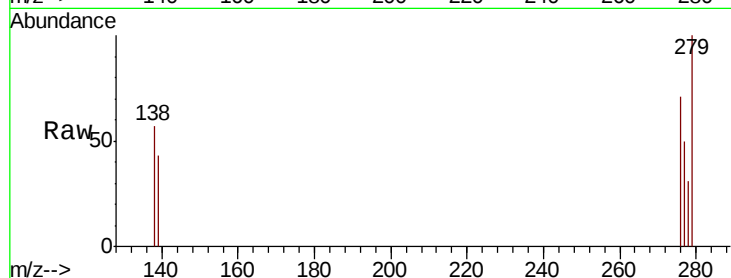
Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :



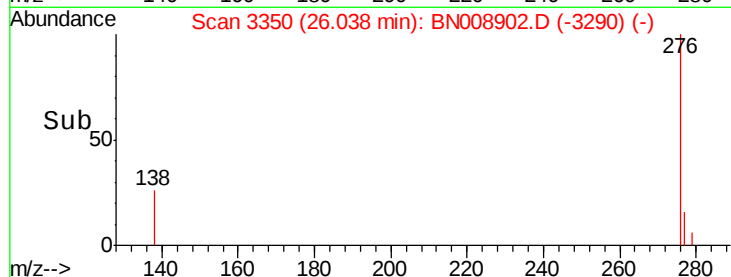
Tot Ion: 276 Resp: 341

Ion Ratio Lower Upper

276 100

277 71.0 19.4 29.2#

138 80.2 17.8 26.6#



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

