

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008901.D
 Acq On : 10 Dec 2019 12:02
 Operator : JU
 Sample : PB124807BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 10 15:04:27 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	7.56	152	2911	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	10897	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	7273	0.40	ng	0.01
19) Phenanthrene-d10	16.93	188	18817	0.40	ng	0.00
27) Chrysene-d12	21.13	240	19659	0.40	ng	0.00
34) Perylene-d12	23.28	264	18859	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	2736	0.37	ng	0.00
5) Phenol-d6	6.75	99	3799	0.37	ng	0.00
8) Nitrobenzene-d5	8.71	82	2709	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	11.92	152	6031	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	548	0.16	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	8801	0.32	ng	0.00
25) Fluoranthene-d10	18.97	212	20087	0.35	ng	0.00
29) Terphenyl-d14	19.58	244	15003	0.33	ng	0.00

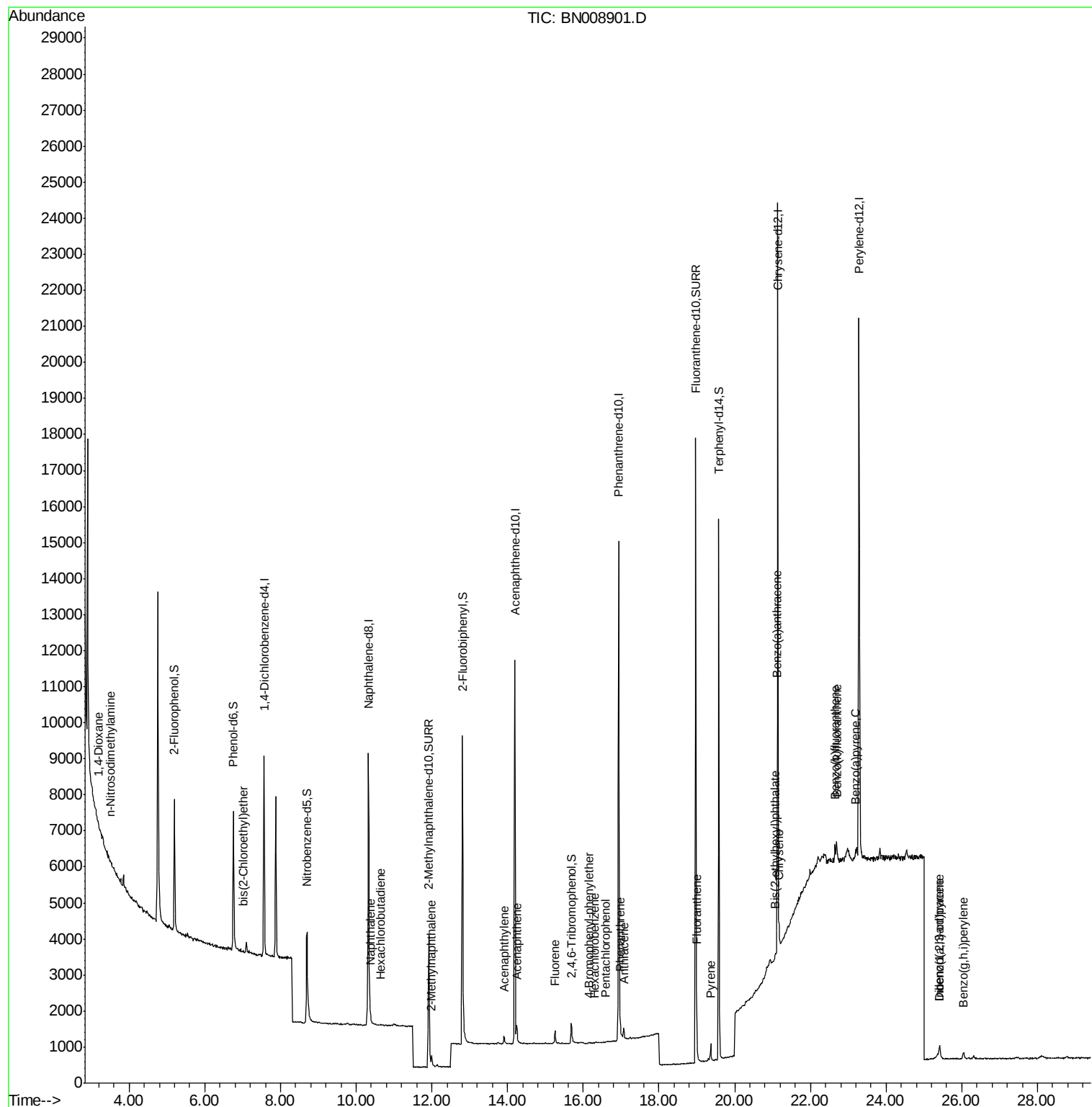
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	20	0.007	ng	# 6
3) n-Nitrosodimethylamine	3.52	42	19	0.005	ng	# 1
6) bis(2-Chloroethyl)ether	7.01	93	29	0.003	ng	# 23
9) Naphthalene	10.37	128	279	0.009	ng	# 46
10) Hexachlorobutadiene	10.65	225	2	0.000	ng	# 18
12) 2-Methylnaphthalene	11.99	142	208	0.009	ng	# 79
16) Acenaphthylene	13.90	152	263	0.008	ng	# 85
17) Acenaphthene	14.25	154	230	0.010	ng	# 96
18) Fluorene	15.25	166	290	0.010	ng	# 95
20) 4-Bromophenyl-phenylether	16.15	248	3	0.000	ng	# 58
21) Hexachlorobenzene	16.29	284	10	0.001	ng	# 36
22) Pentachlorophenol	16.58	266	4	0.001	ng	# 63
23) Phenanthrene	16.97	178	460	0.008	ng	# 86
24) Anthracene	17.07	178	338	0.006	ng	# 91
26) Fluoranthene	19.00	202	474	0.007	ng	# 90
28) Pyrene	19.37	202	442	0.006	ng	# 89
30) Benzo(a)anthracene	21.12	228	524	0.008	ng	# 76
31) Chrysene	21.17	228	443	0.006	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.08	149	162	0.005	ng	# 78
33) Indeno(1,2,3-cd)pyrene	25.41	276	424	0.006	ng	# 73
35) Benzo(b)fluoranthene	22.65	252	511	0.008	ng	# 1
36) Benzo(k)fluoranthene	22.70	252	443	0.007	ng	# 1
37) Benzo(a)pyrene	23.19	252	346	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	25.42	278	345	0.006	ng	# 1
39) Benzo(g,h,i)perylene	26.05	276	364	0.006	ng	# 1

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

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Quant Time: Dec 10 15:04:27 2019
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QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 588

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

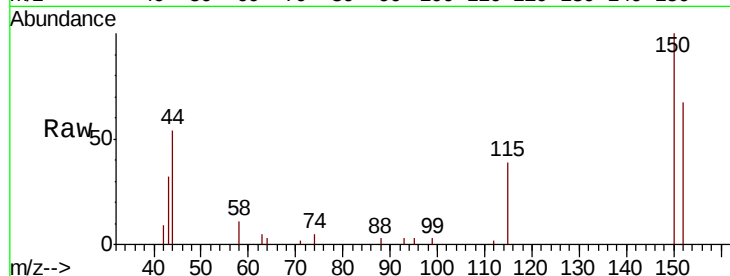
Tot Ion:152 Resp: 2911

Ion Ratio Lower Upper

152 100

150 148.5 122.3 183.5

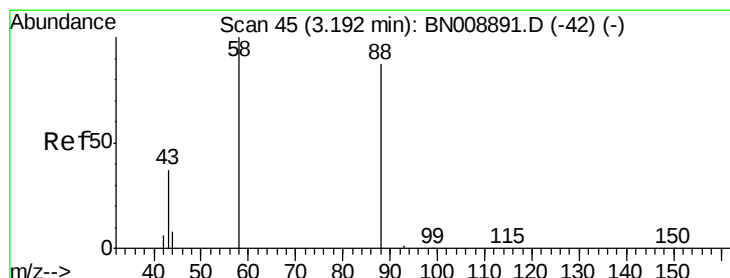
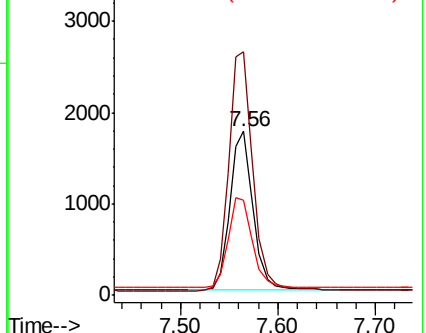
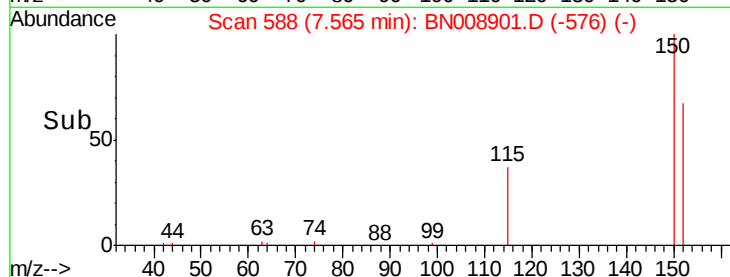
115 58.3 48.4 72.6



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: 3.18 min Scan# 43

Delta R.T. -0.02 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

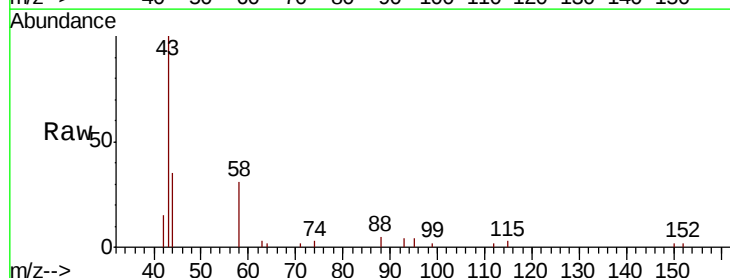
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

58 0.0 88.6 132.8#

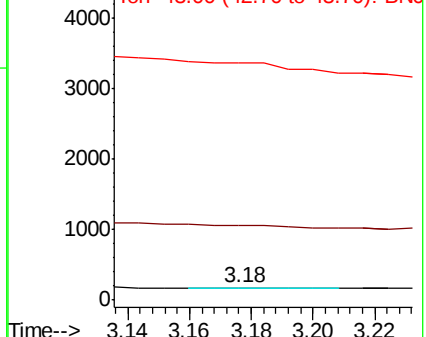
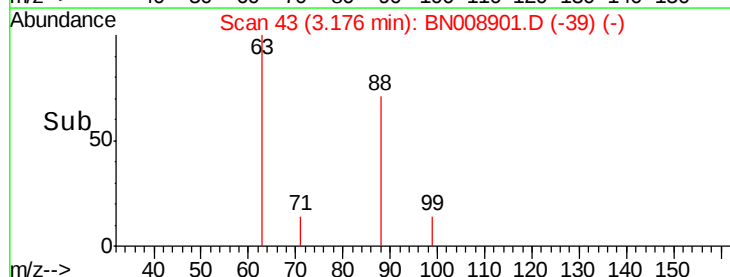
43 0.0 31.8 47.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.005 ng

RT: 3.52 min Scan# 86

Delta R.T. 0.01 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

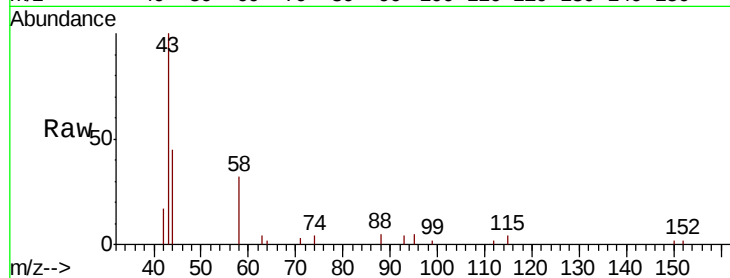
Tot Ion: 42 Resp: 19

Ion Ratio Lower Upper

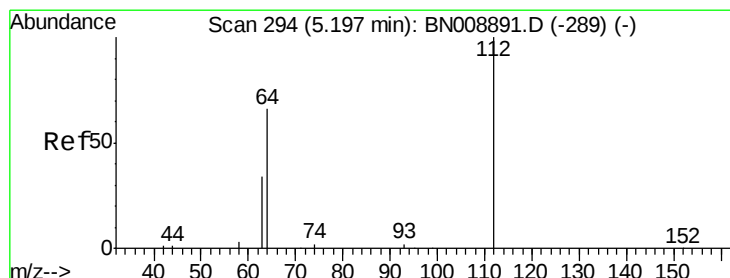
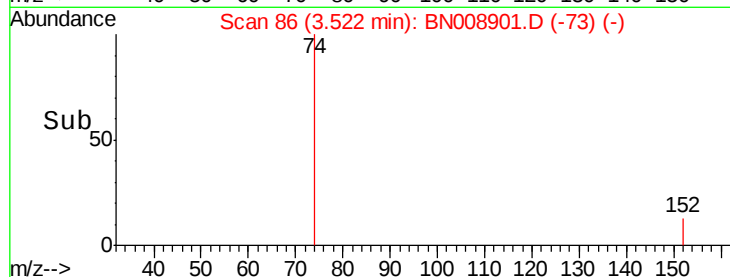
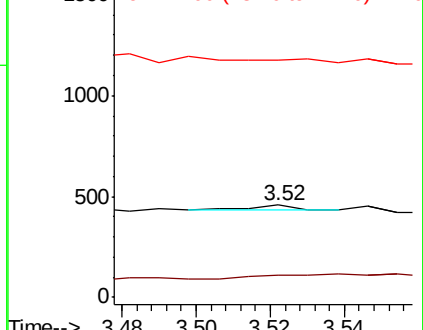
42 100

74 0.0 78.6 117.8#

44 0.0 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: 0.370 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

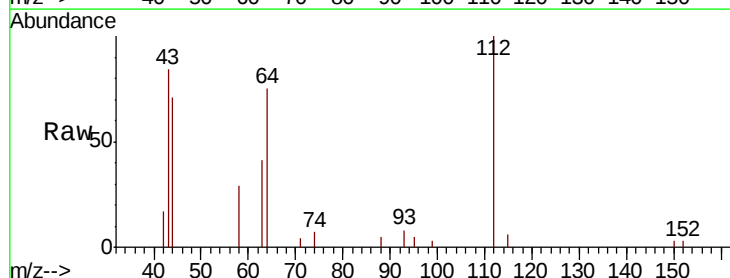
Tgt Ion: 112 Resp: 2736

Ion Ratio Lower Upper

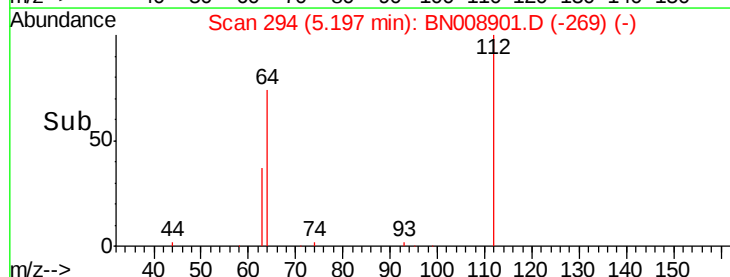
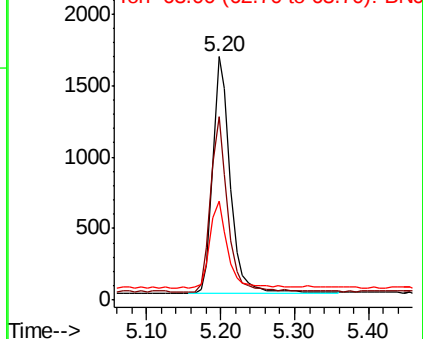
112 100

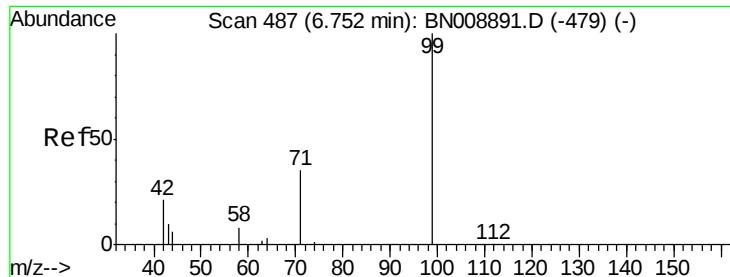
64 72.0 57.7 86.5

63 37.5 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: 0.371 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampled :

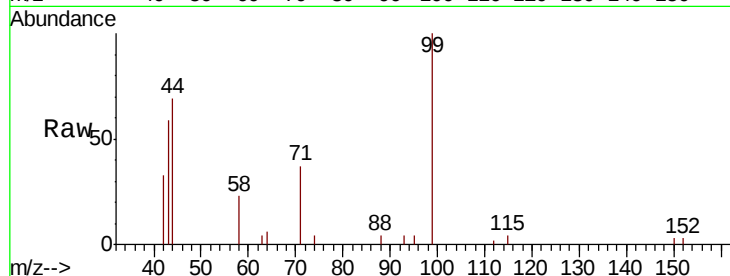
Tot Ion: 99 Resp: 3799

Ion Ratio Lower Upper

99 100

42 23.4 20.1 30.1

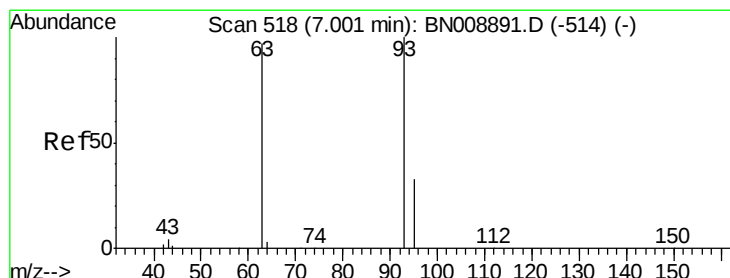
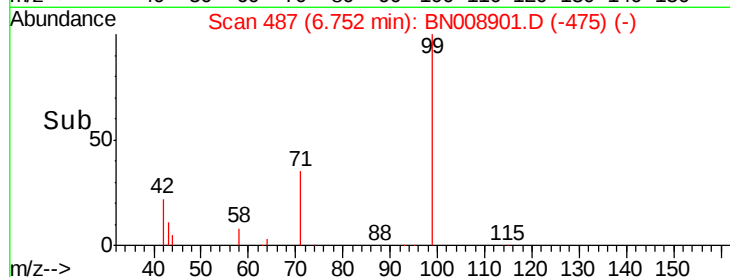
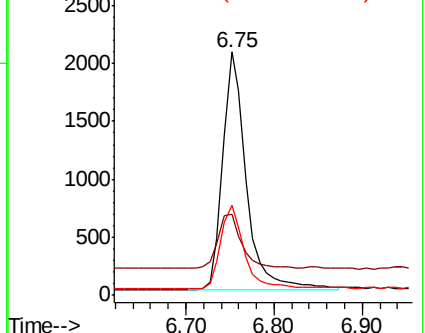
71 35.5 28.2 42.2



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: 7.01 min Scan# 519

Delta R.T. 0.01 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

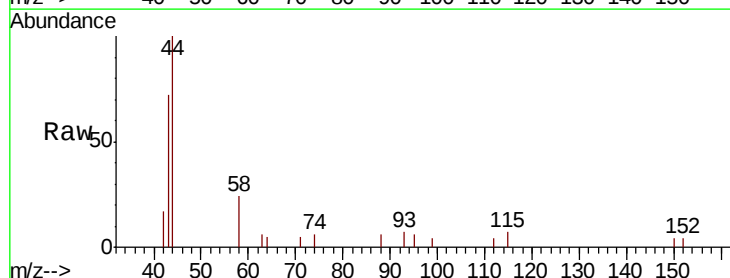
Tgt Ion: 93 Resp: 29

Ion Ratio Lower Upper

93 100

63 0.0 73.5 110.3#

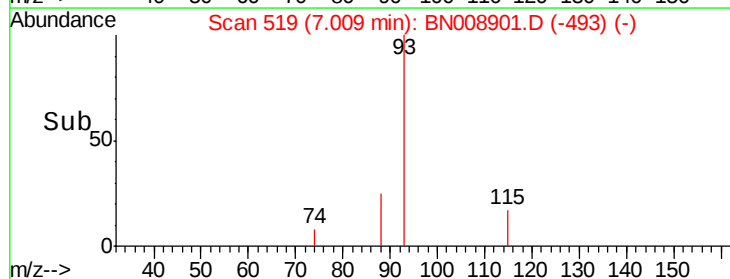
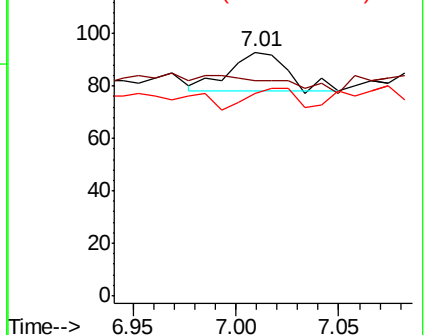
95 44.8 26.0 39.0#

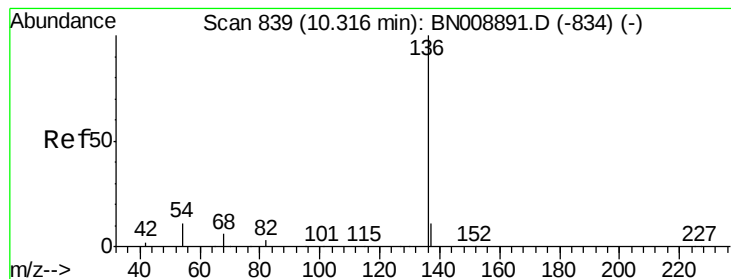


Abundance Ion 93.00 (92.70 to 93.70): BN008891.D (-514) (-)

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: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 10897

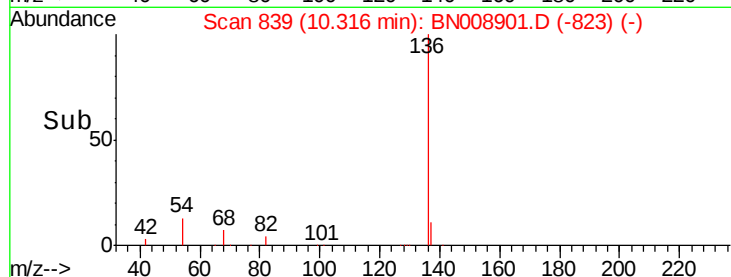
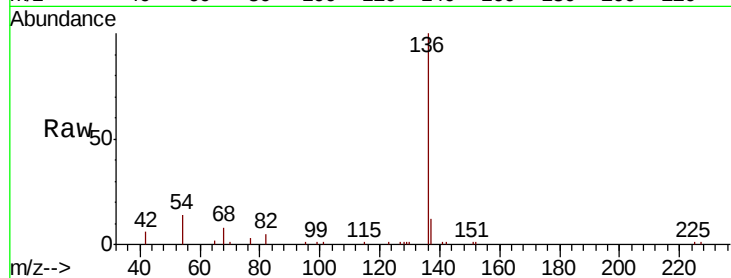
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 14.0 9.6 14.4

68 8.1 5.6 8.4

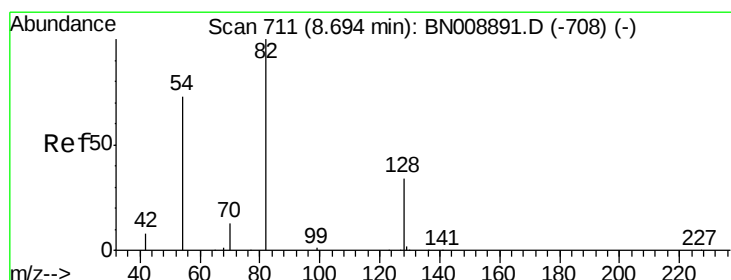
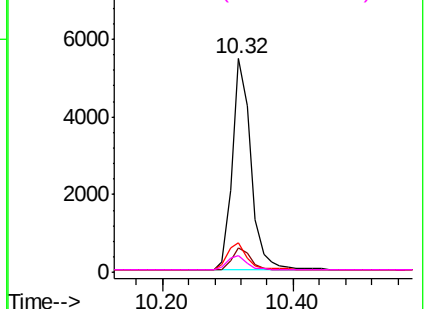


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.293 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.01 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

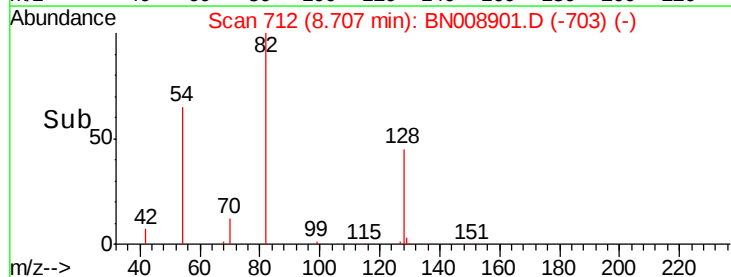
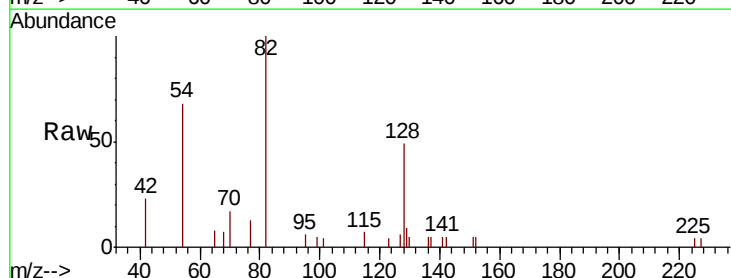
Tgt Ion: 82 Resp: 2709

Ion Ratio Lower Upper

82 100

128 48.6 29.1 43.7#

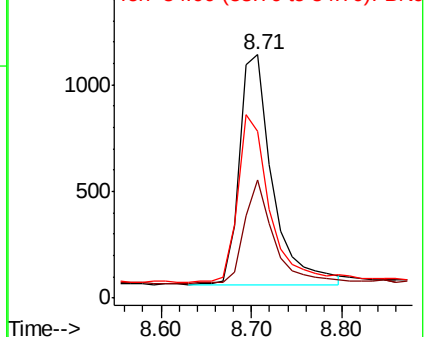
54 68.4 59.7 89.5

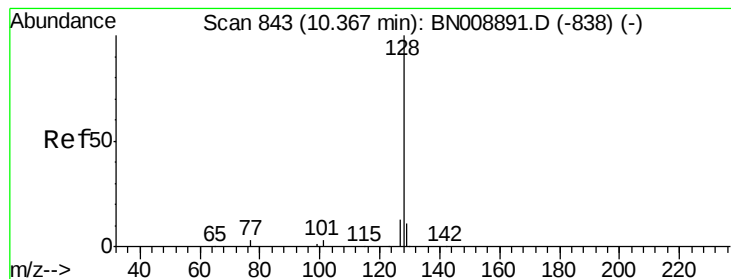


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.009 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampled :

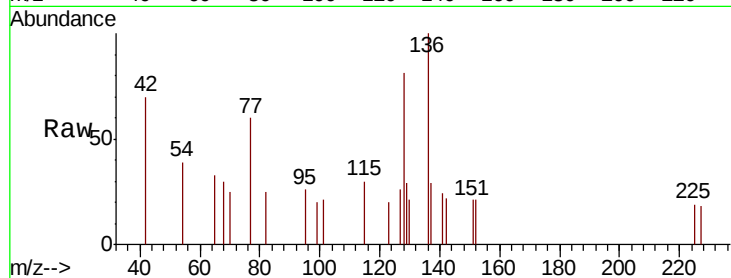
Tot Ion:128 Resp: 279

Ion Ratio Lower Upper

128 100

129 35.8 9.4 14.0#

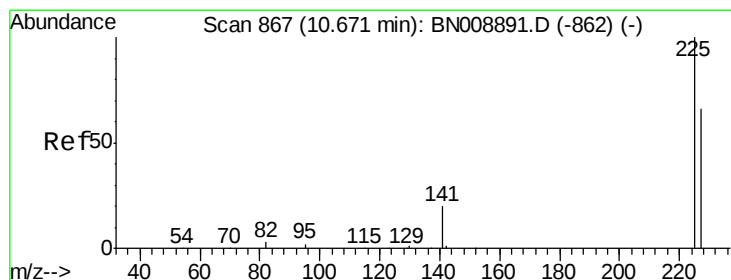
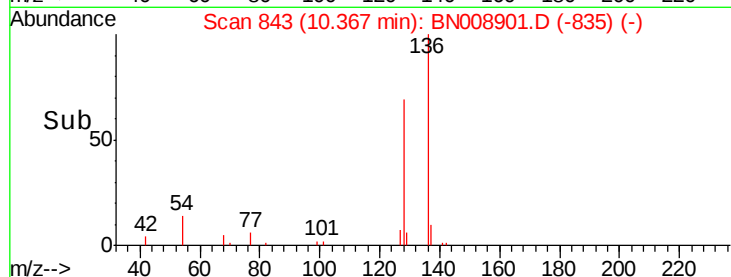
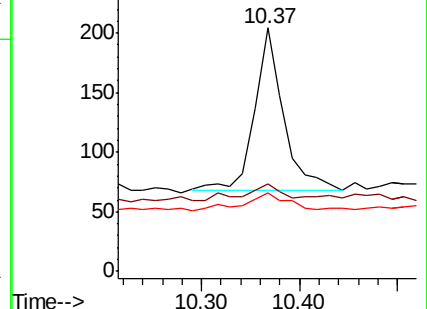
127 32.4 10.8 16.2#



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: 10.65 min Scan# 865

Delta R.T. -0.03 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

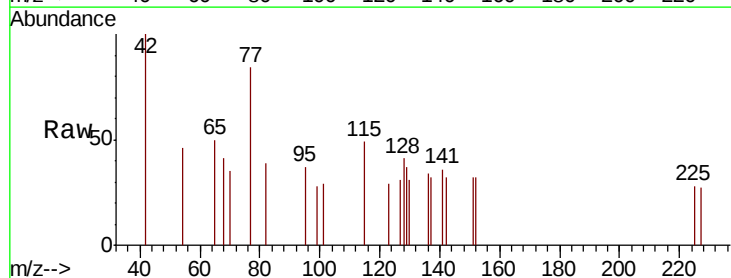
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

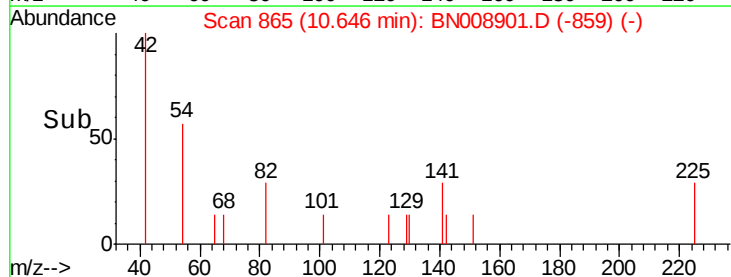
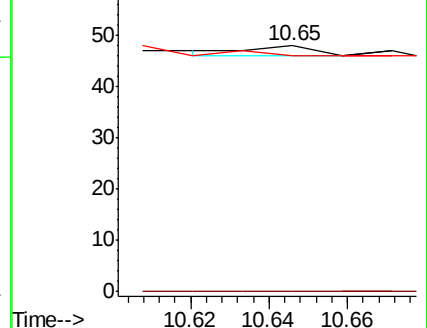
227 0.0 51.4 77.2#

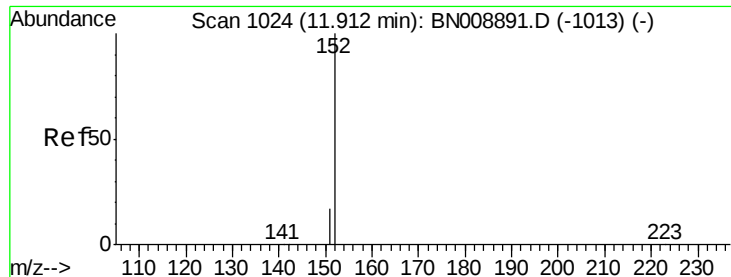


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

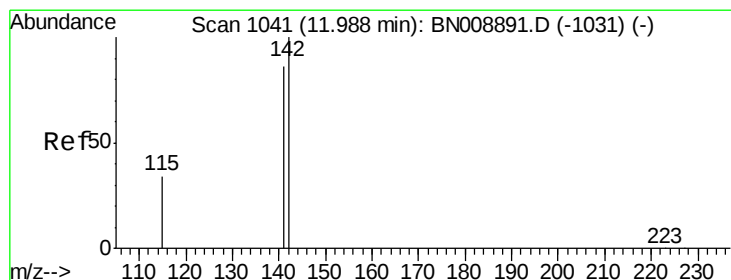
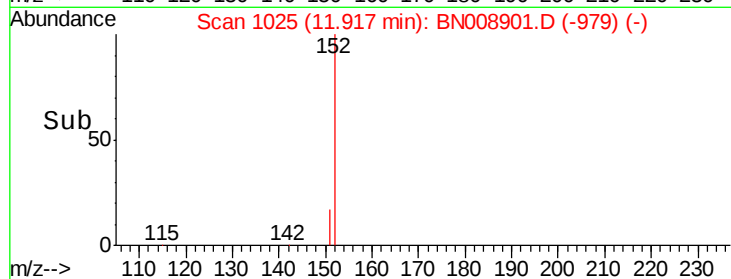
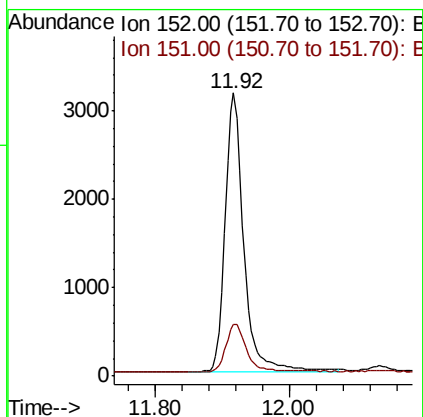
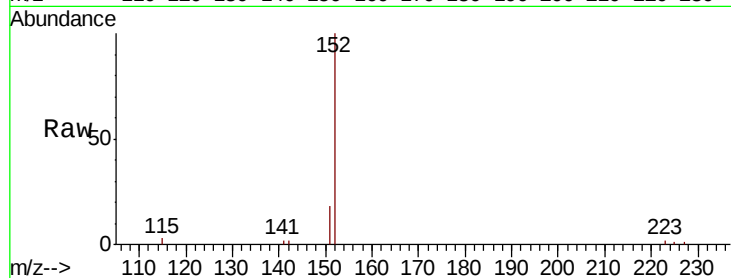




#11
 2-Methylnaphthalene-d10
 Concen: 0.324 ng
 RT: 11.92 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BN008901.D
 Acq: 10 Dec 2019 12:02

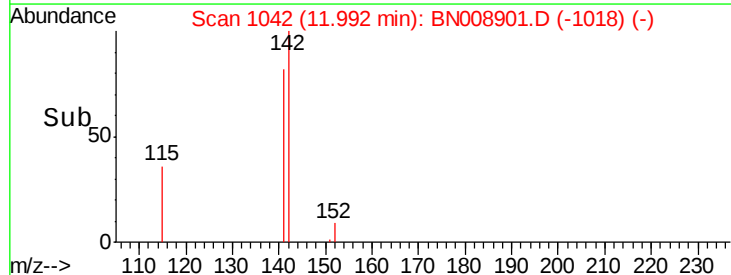
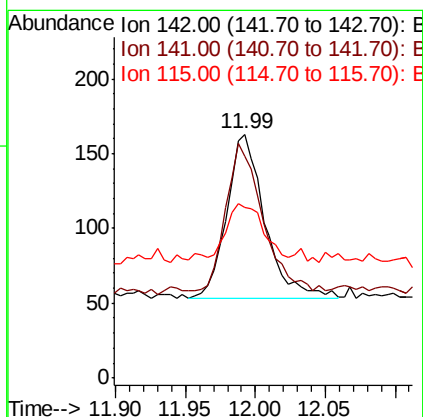
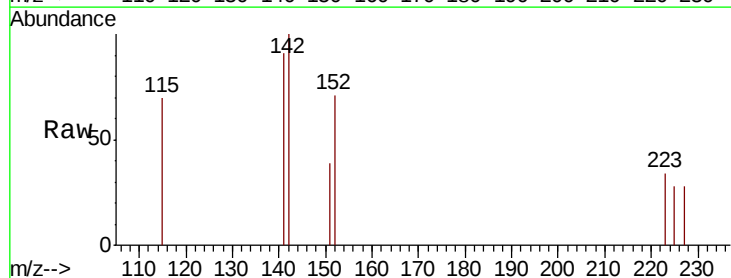
Instrument :
 BNA_N
 ClientSampleId :

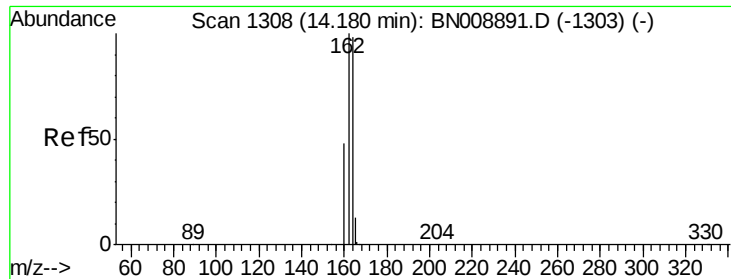
Tot Ion:152 Resp: 6031
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.009 ng
 RT: 11.99 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BN008901.D
 Acq: 10 Dec 2019 12:02

Tgt Ion:142 Resp: 208
 Ion Ratio Lower Upper
 142 100
 141 90.8 69.3 103.9
 115 69.9 27.9 41.9#

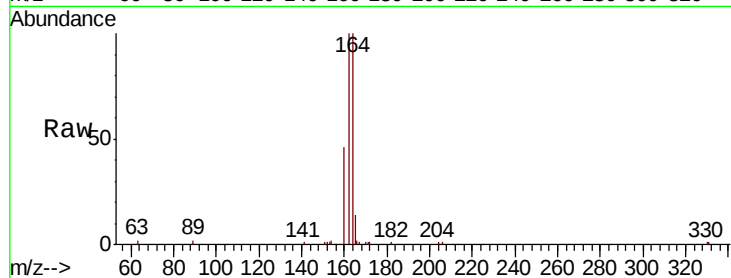




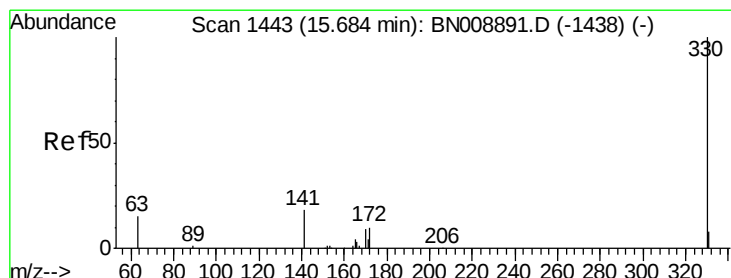
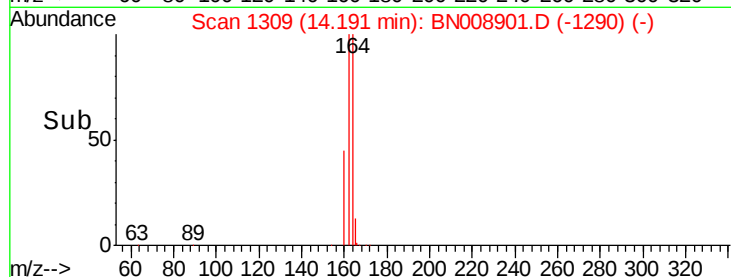
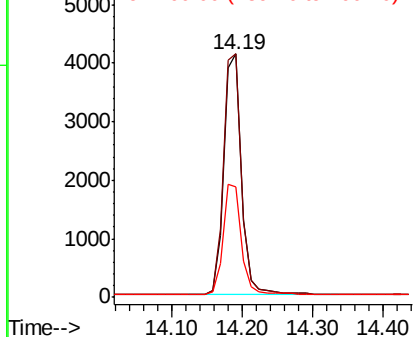
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Instrument :
BNA_N
ClientSampled :

Tot Ion:164 Resp: 7273
Ion Ratio Lower Upper
164 100
162 100.1 81.9 122.9
160 45.6 39.3 58.9

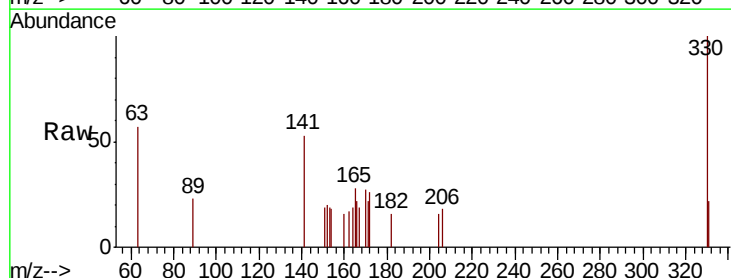


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

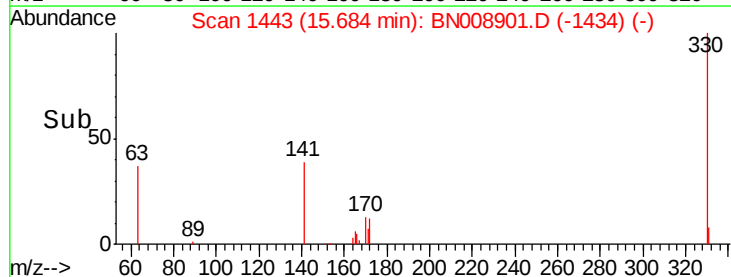
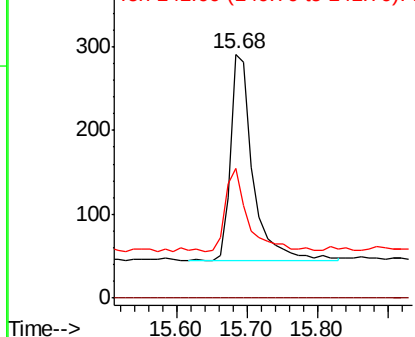


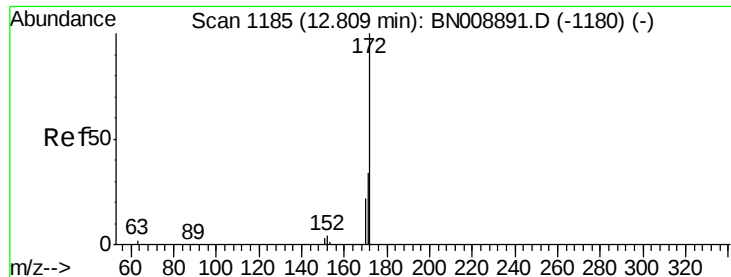
#14
2,4,6-Tribromophenol
Concen: 0.157 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Tgt Ion:330 Resp: 548
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.8 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

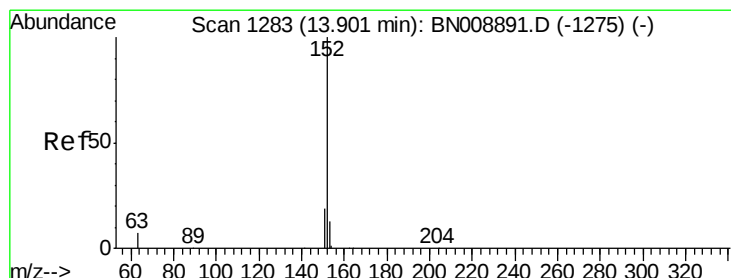
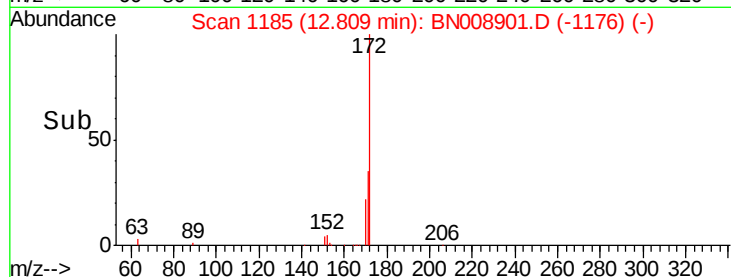
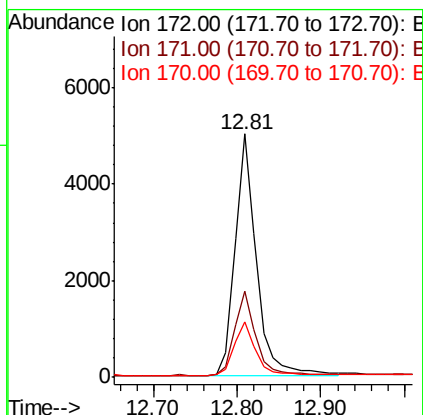
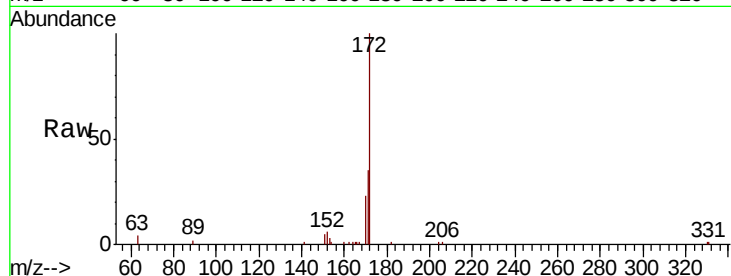




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

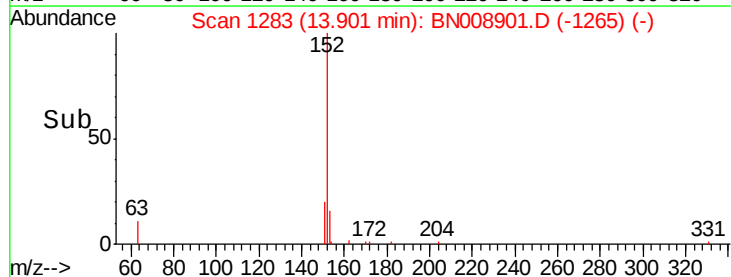
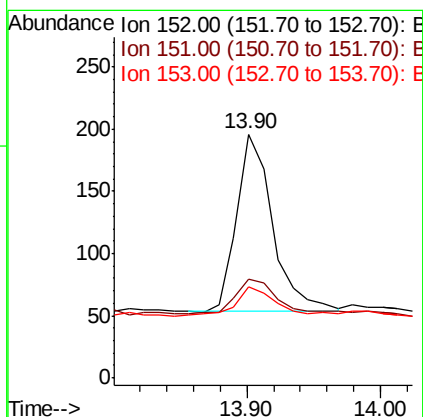
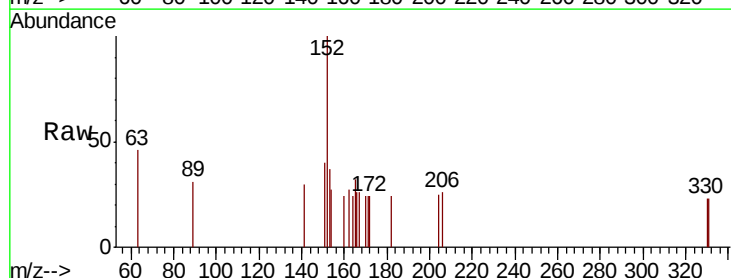
Instrument :
BNA_N
ClientSampleId :

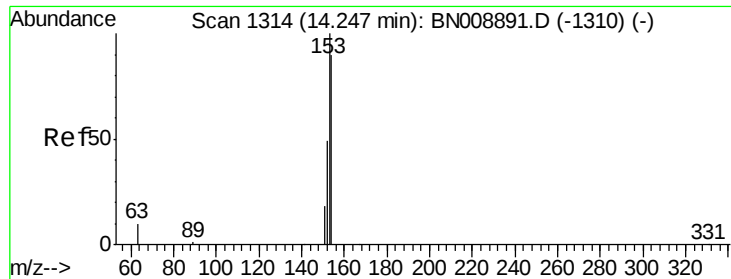
Tot Ion:172 Resp: 8801
Ion Ratio Lower Upper
172 100
171 35.2 27.1 40.7
170 22.7 17.7 26.5



#16
Acenaphthylene
Concen: 0.008 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Tgt Ion:152 Resp: 263
Ion Ratio Lower Upper
152 100
151 26.6 15.3 22.9#
153 17.9 10.3 15.5#

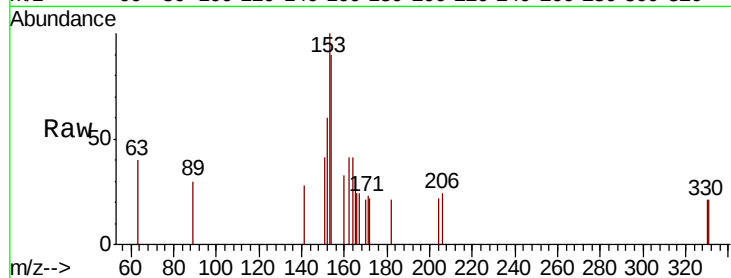




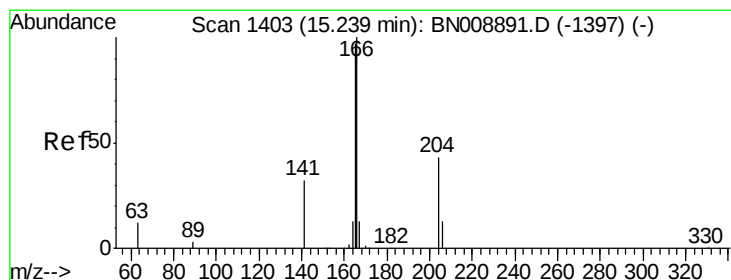
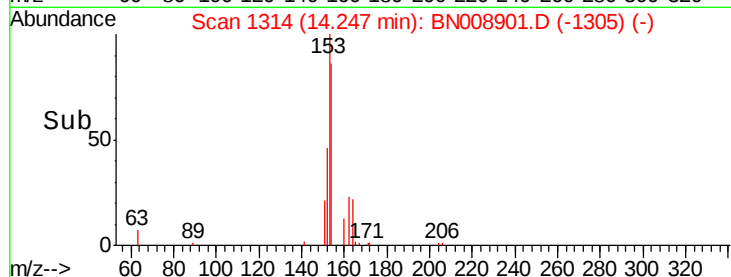
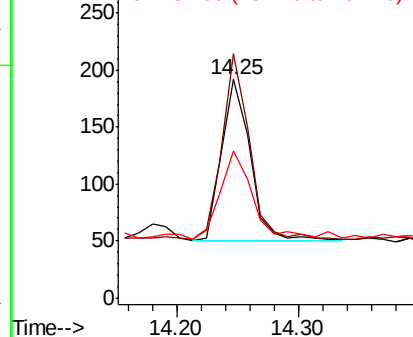
#17
Acenaphthene
Concen: 0.010 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:154 Resp: 230
Ion Ratio Lower Upper
154 100
153 110.0 89.2 133.8
152 62.6 44.2 66.4

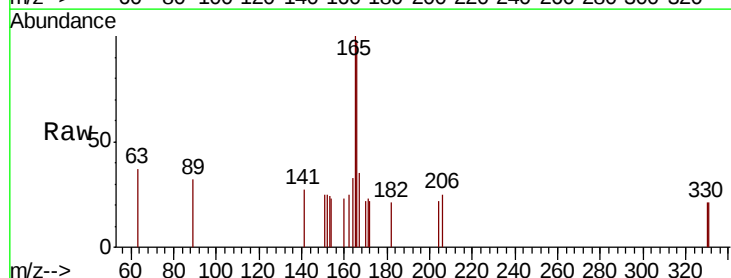


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

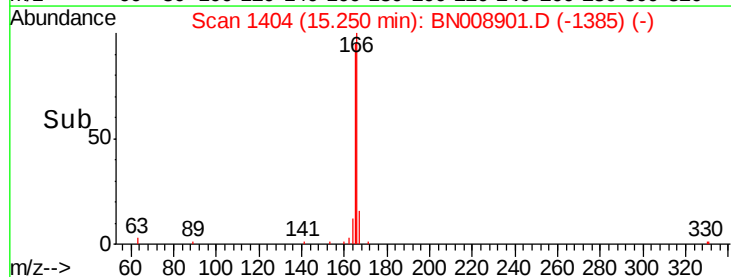
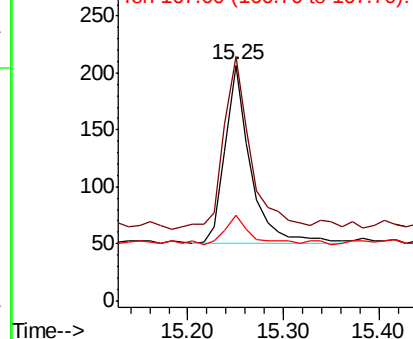


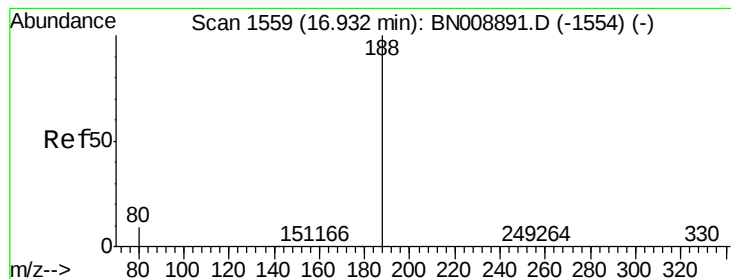
#18
Fluorene
Concen: 0.010 ng
RT: 15.25 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Tgt Ion:166 Resp: 290
Ion Ratio Lower Upper
166 100
165 101.0 77.3 115.9
167 16.9 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: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

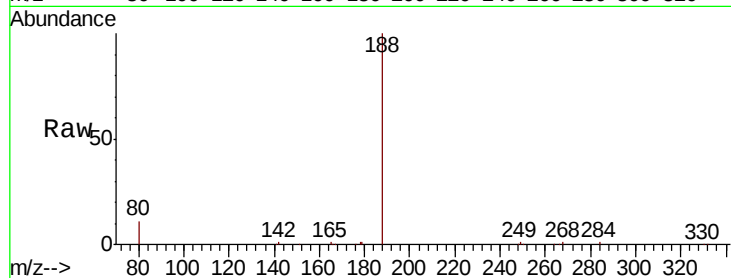
Tot Ion:188 Resp: 18817

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

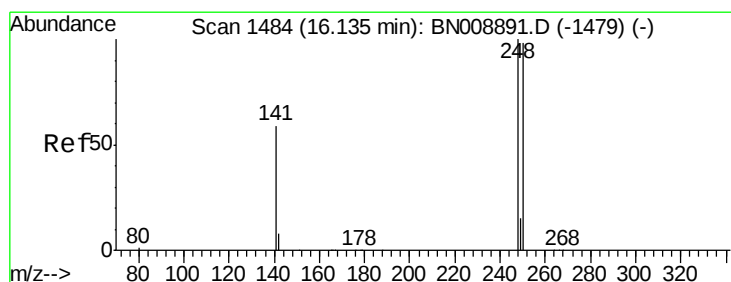
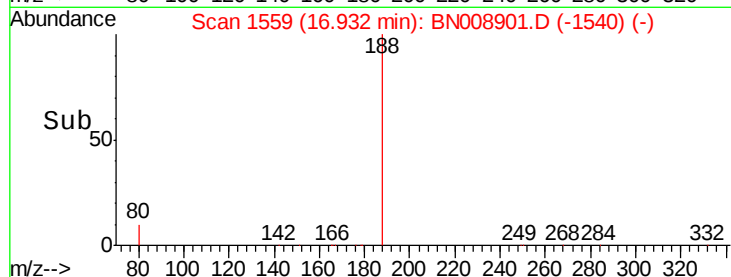
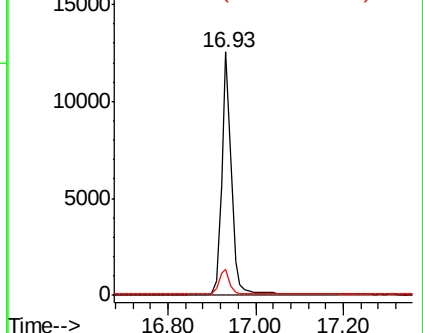
80 10.8 7.3 10.9



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: 16.15 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

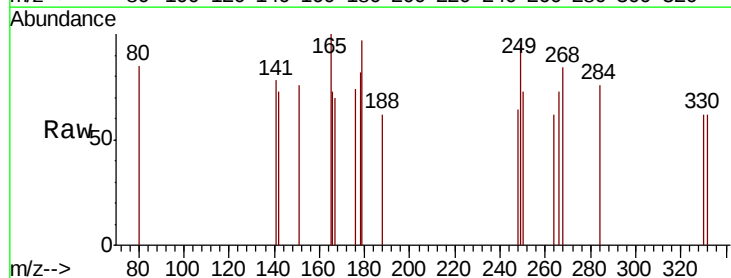
Tgt Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 114.9 78.7 118.1

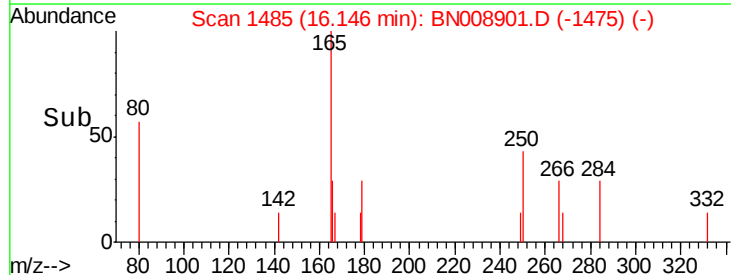
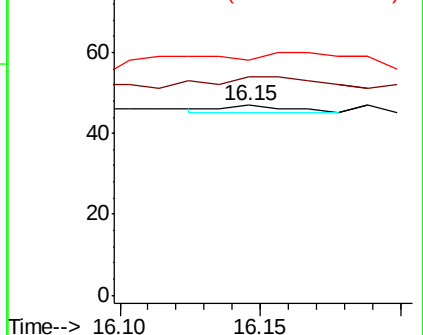
141 123.4 47.9 71.9#

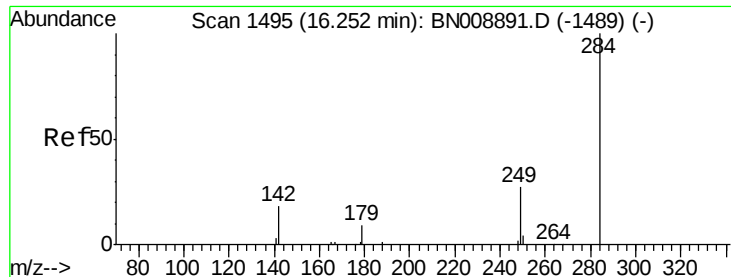


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.29 min Scan# 1499

Delta R.T. 0.04 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampled :

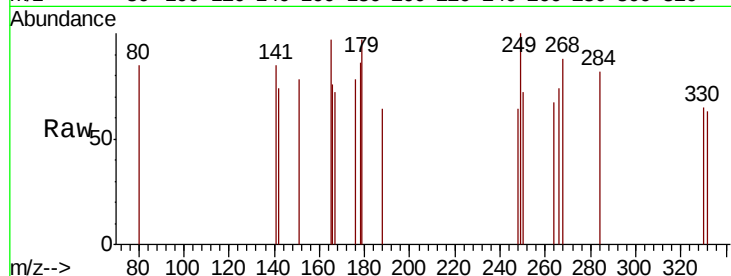
Tot Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 0.0 27.8 41.6#

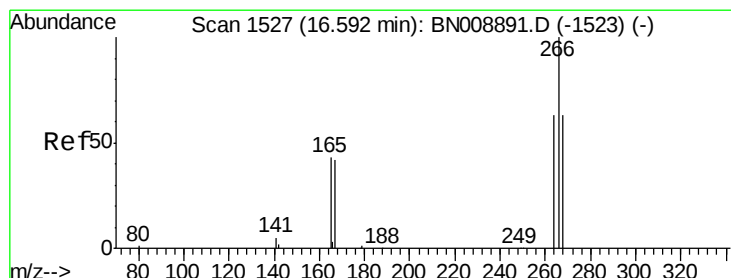
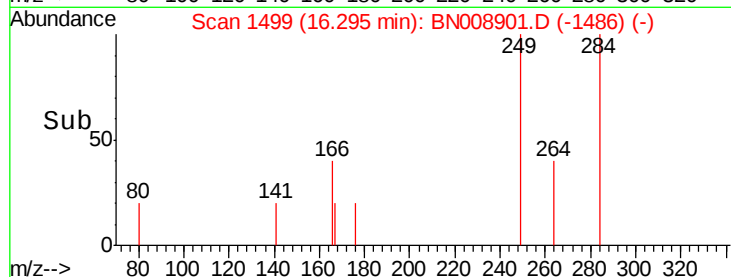
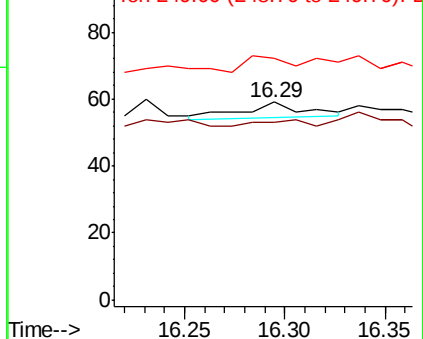
249 70.0 25.3 37.9#



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: 0.001 ng

RT: 16.58 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

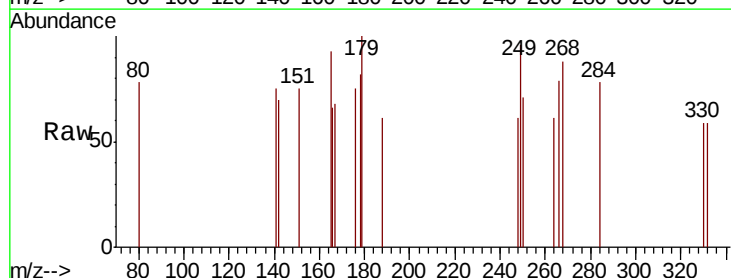
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 76.7 51.5 77.3

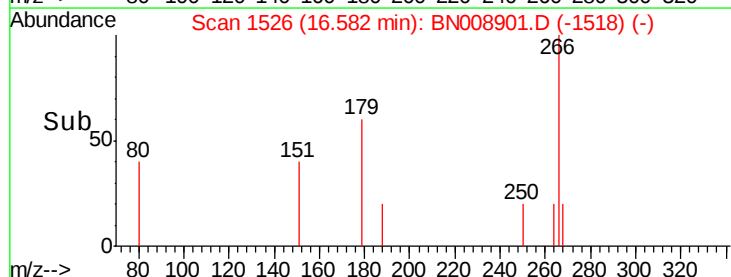
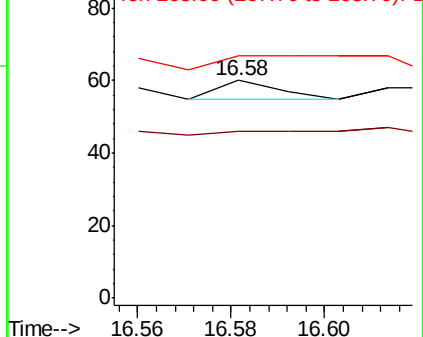
268 111.7 53.1 79.7#

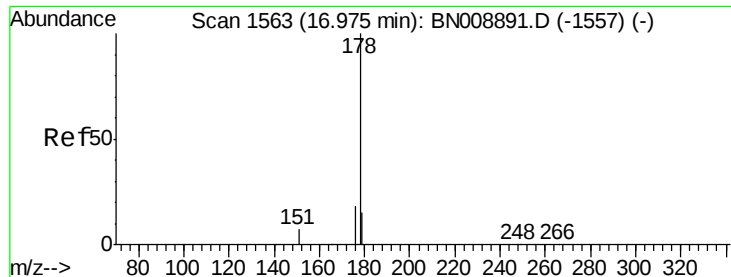


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

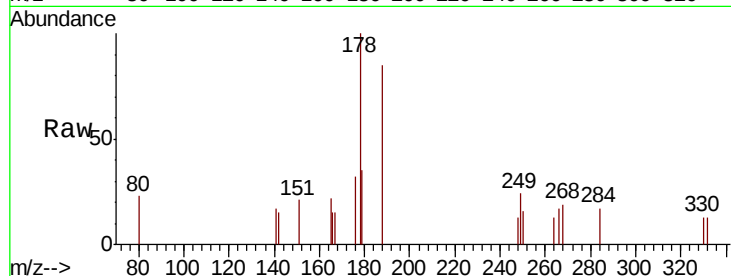
Tot Ion:178 Resp: 460

Ion Ratio Lower Upper

178 100

176 22.0 14.9 22.3

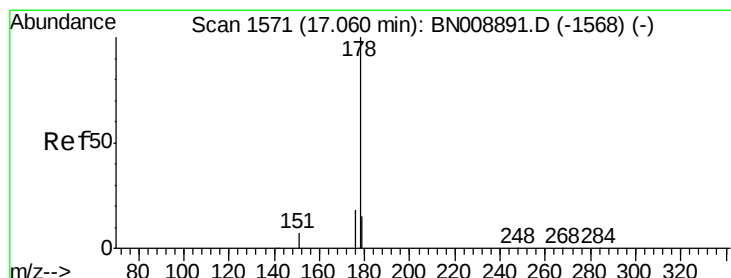
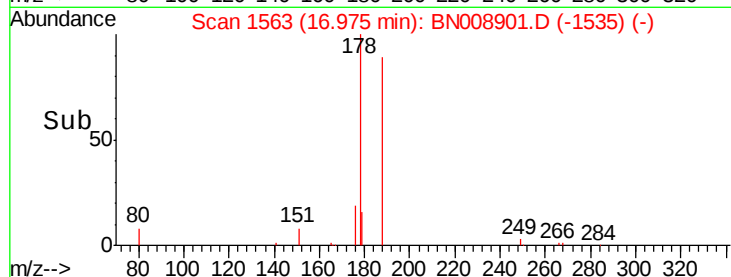
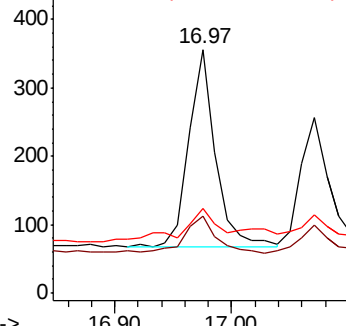
179 24.3 12.3 18.5#



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: BN008901.D

Acq: 10 Dec 2019 12:02

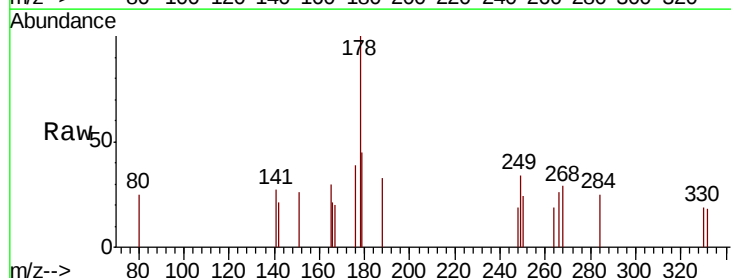
Tgt Ion:178 Resp: 338

Ion Ratio Lower Upper

178 100

176 23.1 14.4 21.6#

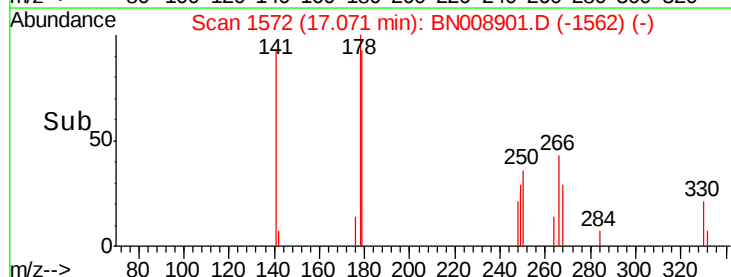
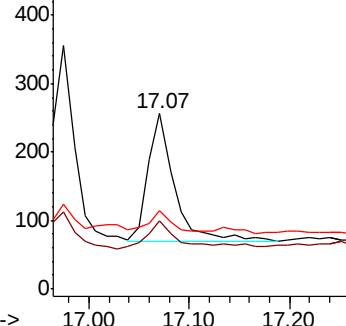
179 12.1 12.1 18.1

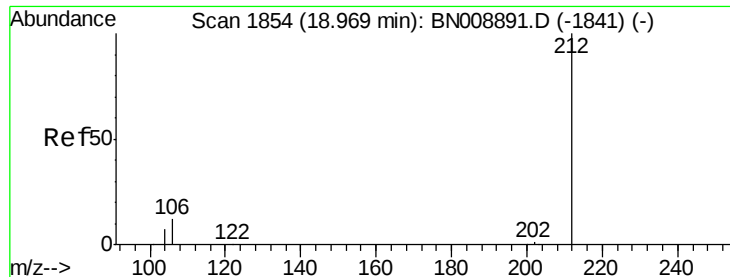


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

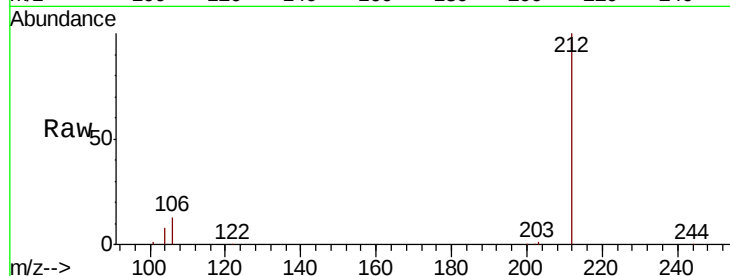
Tot Ion:212 Resp: 20087

Ion Ratio Lower Upper

212 100

106 13.1 10.4 15.6

104 7.3 5.9 8.9

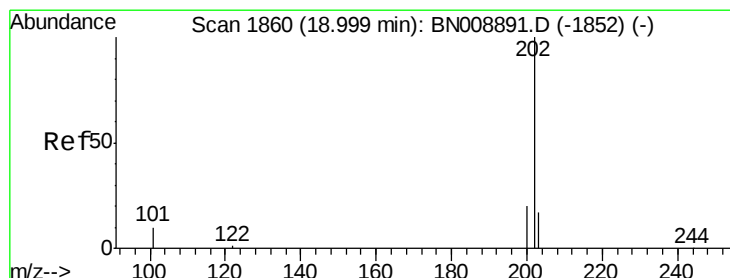
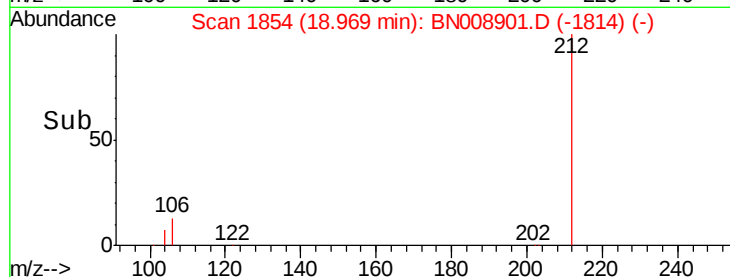
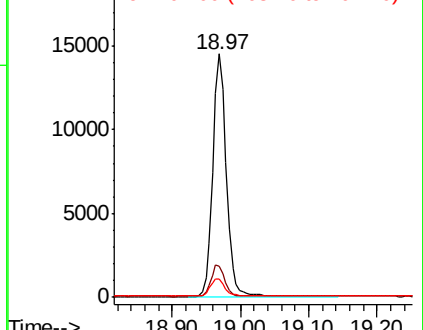


Abundance

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: BN008901.D

Acq: 10 Dec 2019 12:02

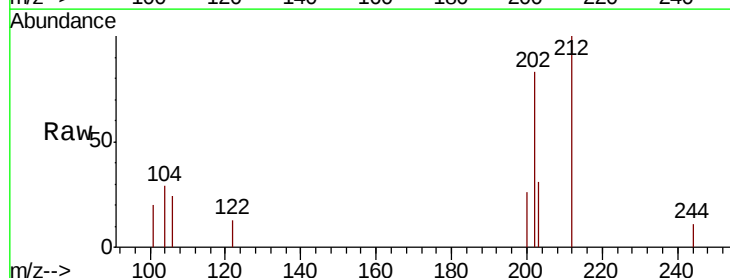
Tgt Ion:202 Resp: 474

Ion Ratio Lower Upper

202 100

101 9.7 8.8 13.2

203 23.4 13.8 20.6#

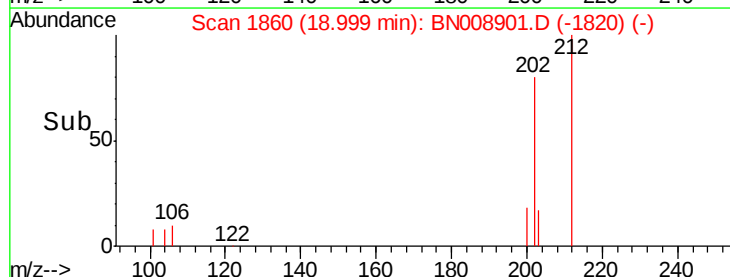
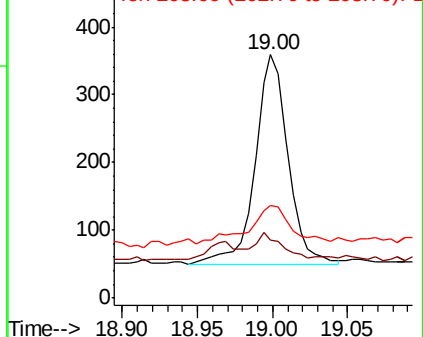


Abundance

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

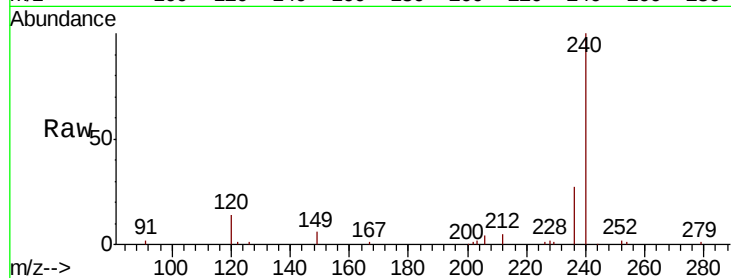




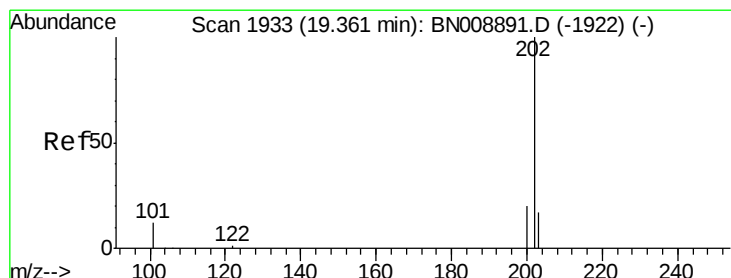
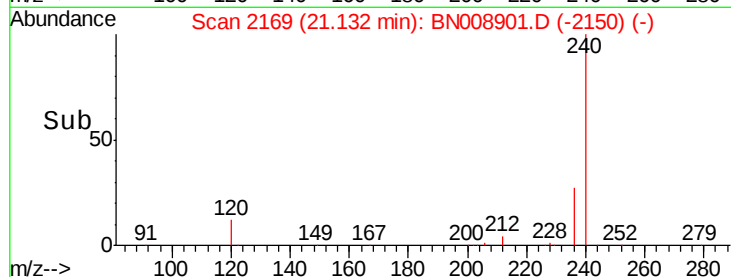
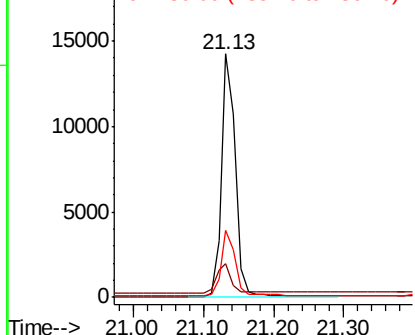
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 19659
Ion Ratio Lower Upper
240 100
120 14.0 9.1 13.7#
236 27.3 21.5 32.3

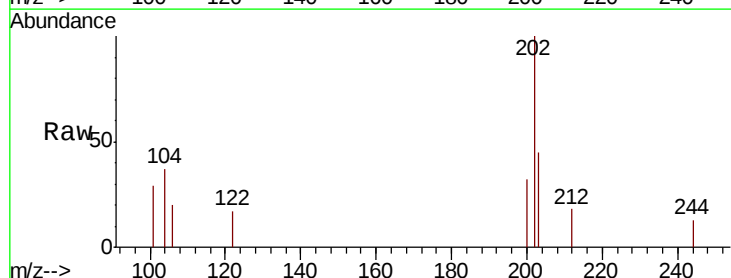


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

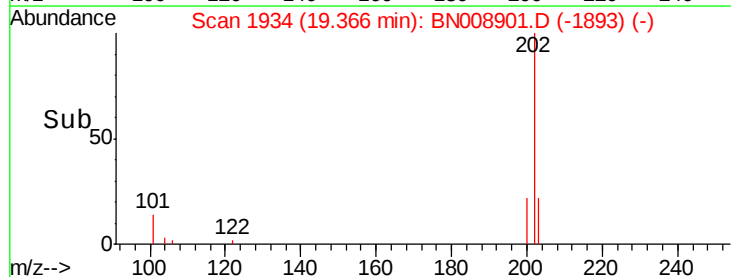
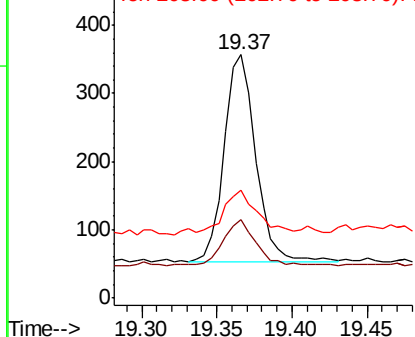


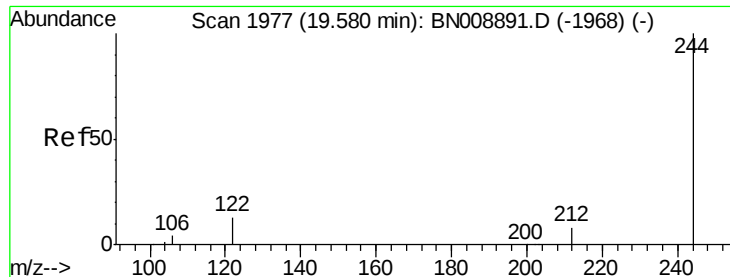
#28
Pyrene
Concen: 0.006 ng
RT: 19.37 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BN008901.D
Acq: 10 Dec 2019 12:02

Tgt Ion:202 Resp: 442
Ion Ratio Lower Upper
202 100
200 22.4 16.1 24.1
203 25.1 13.9 20.9#



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: 0.334 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

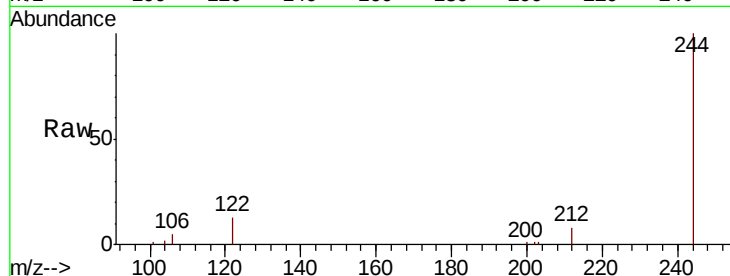
Tot Ion:244 Resp: 15003

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

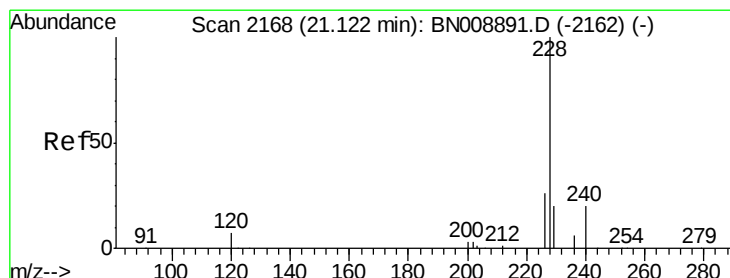
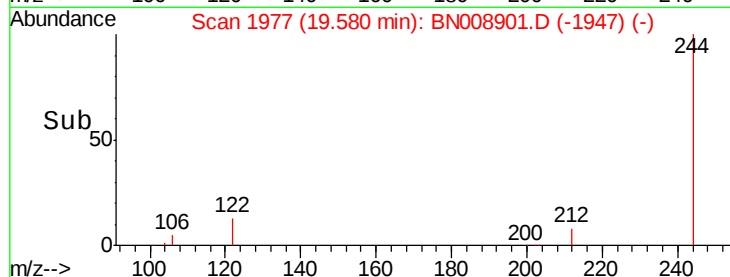
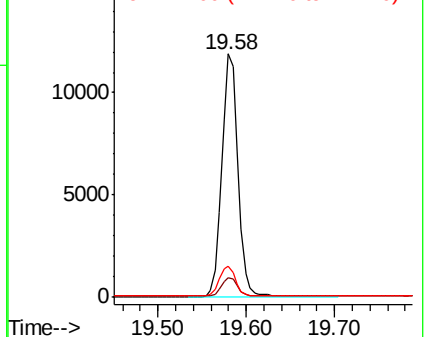
122 13.0 10.4 15.6



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: BN008901.D

Acq: 10 Dec 2019 12:02

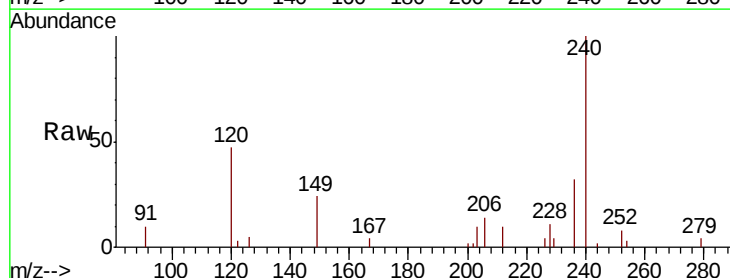
Tgt Ion:228 Resp: 524

Ion Ratio Lower Upper

228 100

226 36.7 20.6 30.8#

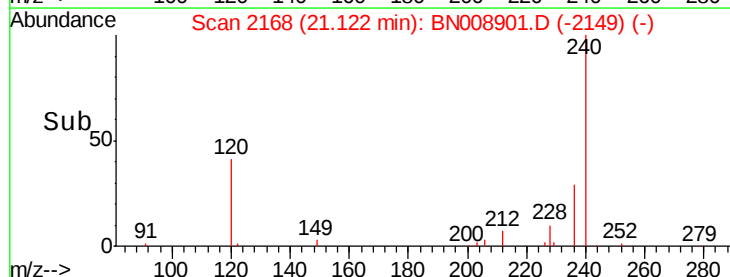
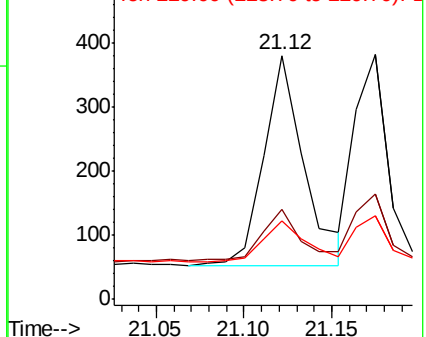
229 31.8 15.9 23.9#

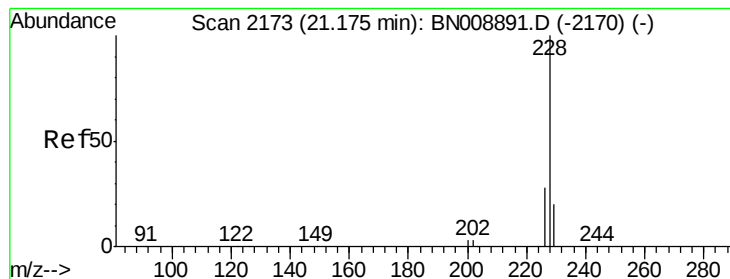


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.006 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

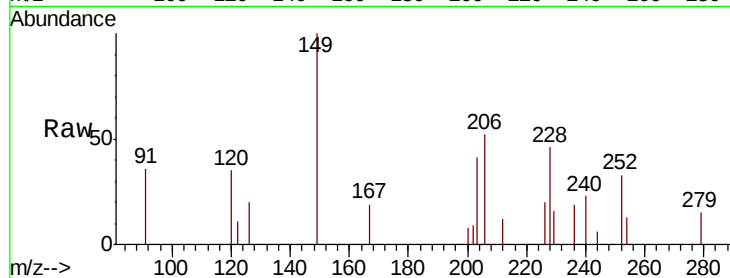
Tot Ion:228 Resp: 443

Ion Ratio Lower Upper

228 100

226 42.7 22.2 33.4#

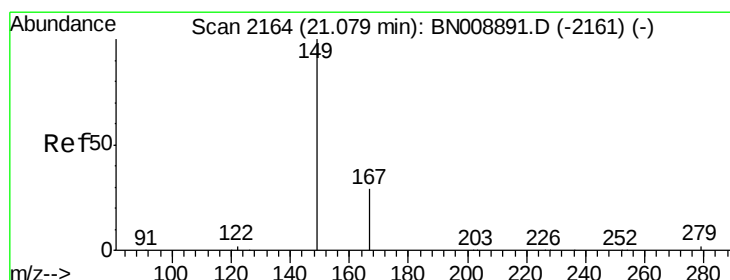
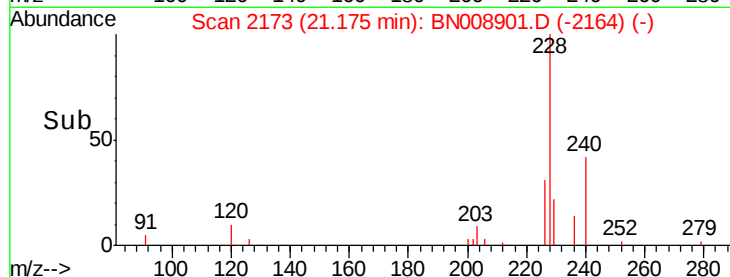
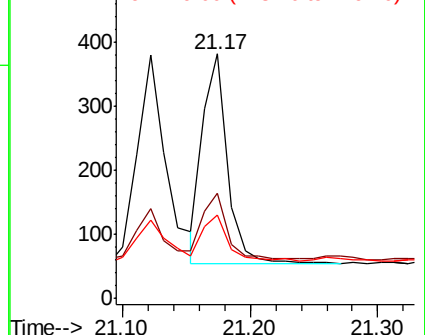
229 33.8 15.9 23.9#



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: BN008901.D

Acq: 10 Dec 2019 12:02

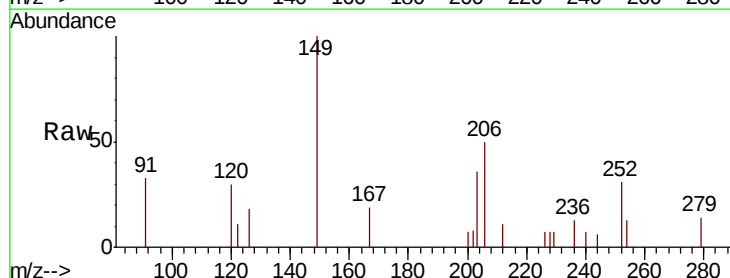
Tgt Ion:149 Resp: 162

Ion Ratio Lower Upper

149 100

167 16.0 22.7 34.1#

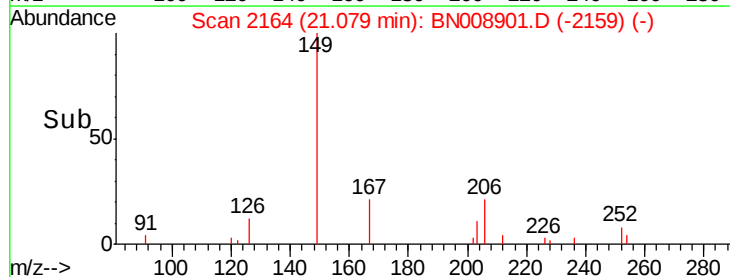
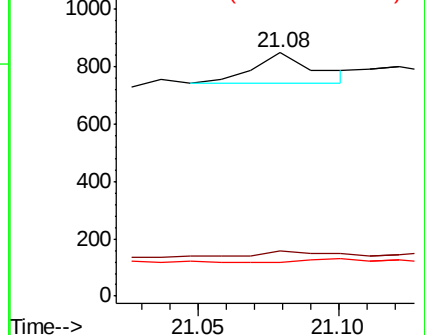
279 0.0 3.3 4.9#

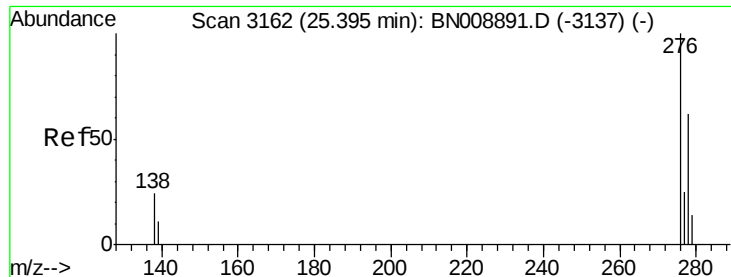


Abundance Ion 149.00 (148.70 to 149.70): E

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: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampled :

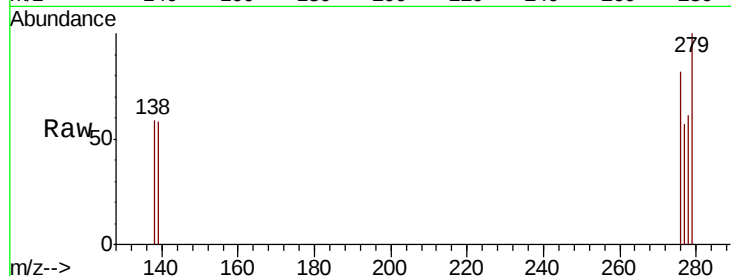
Tot Ion:276 Resp: 424

Ion Ratio Lower Upper

276 100

138 0.0 19.9 29.9#

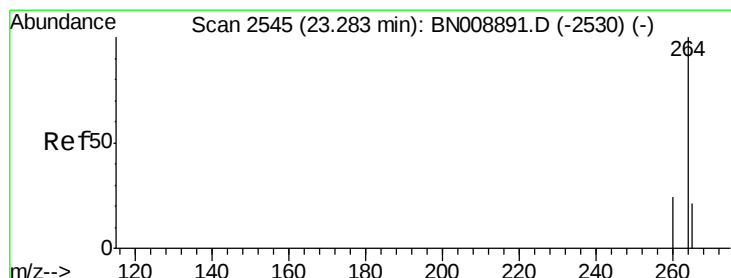
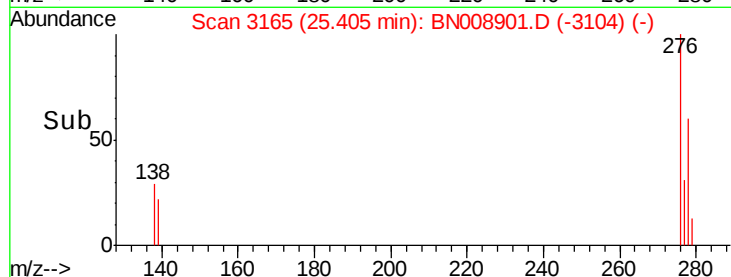
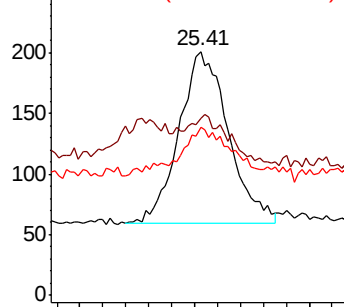
277 22.9 19.8 29.8



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

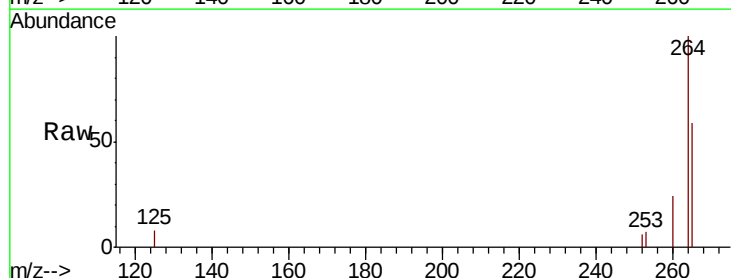
Tgt Ion:264 Resp: 18859

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

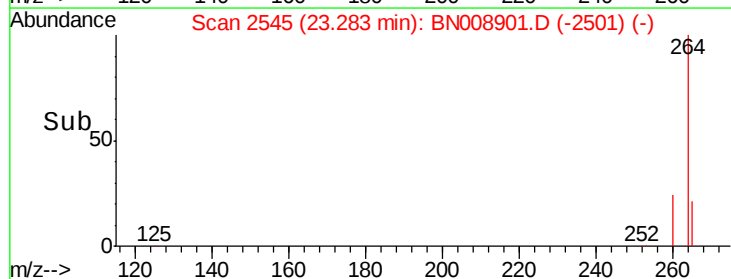
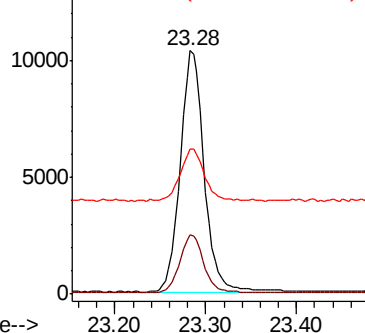
265 59.3 47.5 71.3

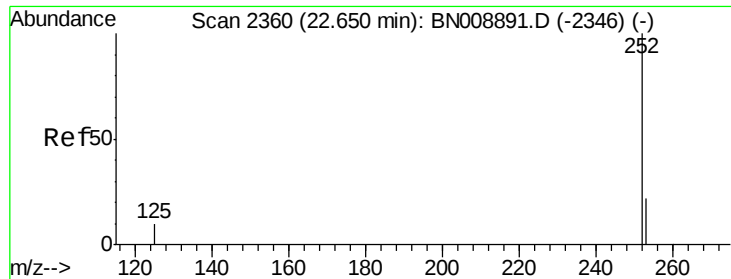


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 22.65 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

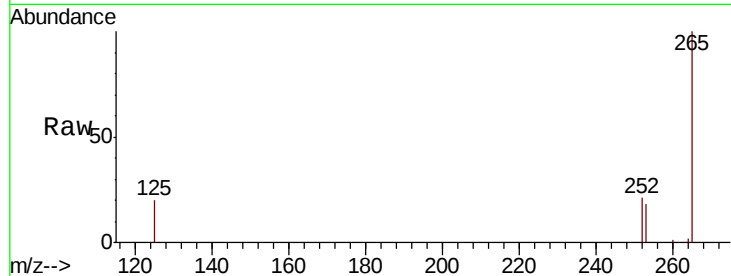
Tot Ion:252 Resp: 511

Ion Ratio Lower Upper

252 100

253 87.9 19.8 29.6#

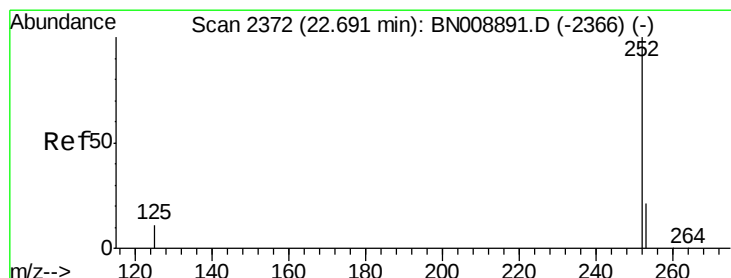
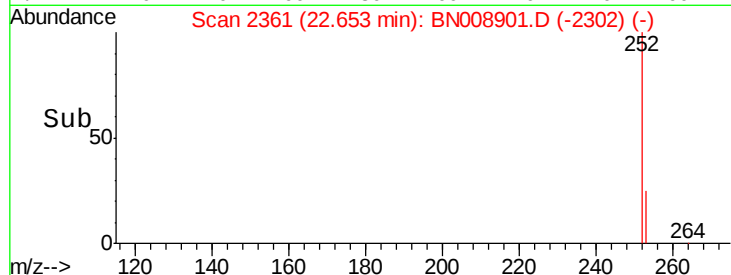
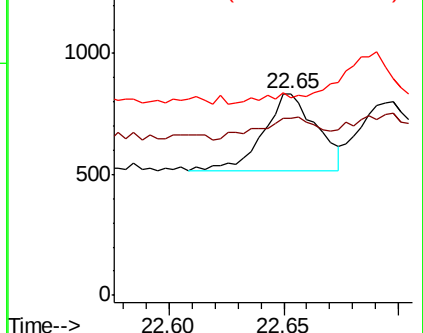
125 98.1 10.8 16.2#



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



#36

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 22.70 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

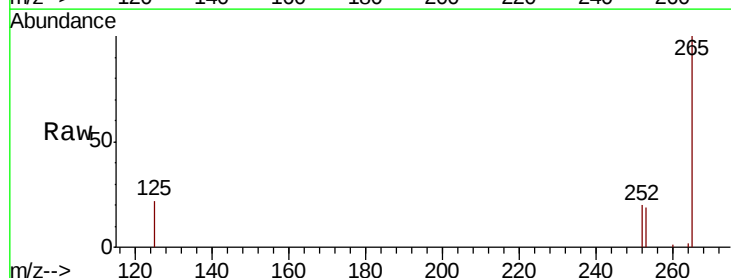
Tgt Ion:252 Resp: 443

Ion Ratio Lower Upper

252 100

253 93.9 19.2 28.8#

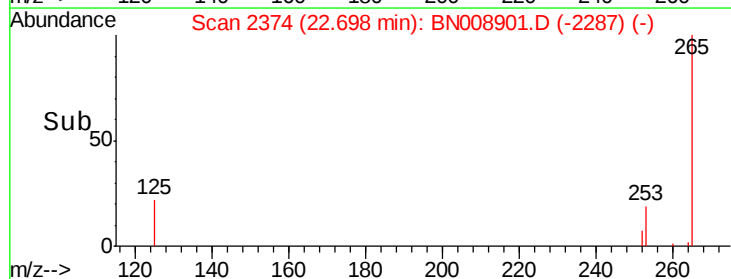
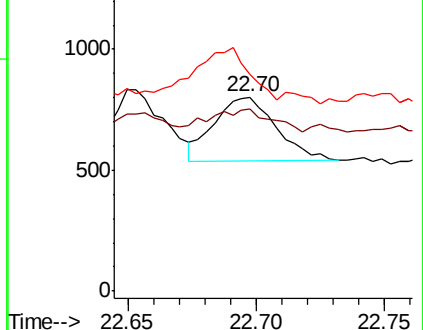
125 111.5 11.6 17.4#

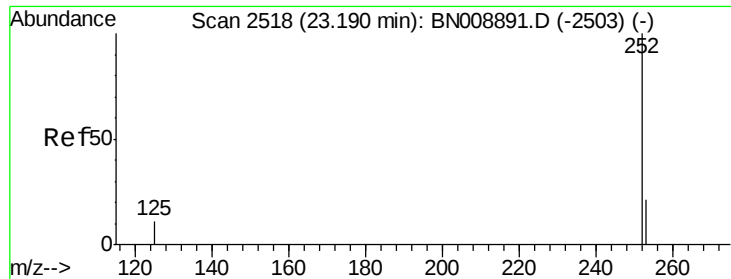


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.006 ng

RT: 23.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :

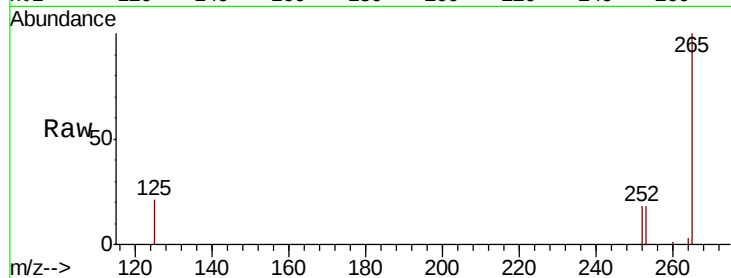
Tot Ion:252 Resp: 346

Ion Ratio Lower Upper

252 100

253 102.6 19.9 29.9#

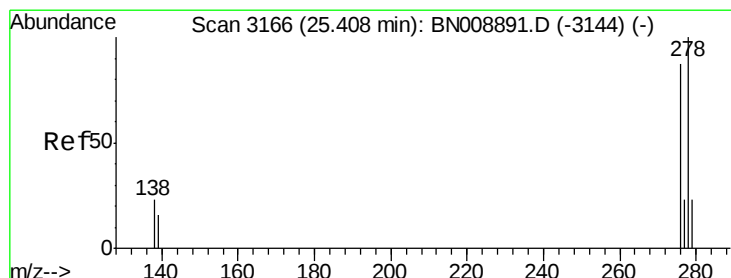
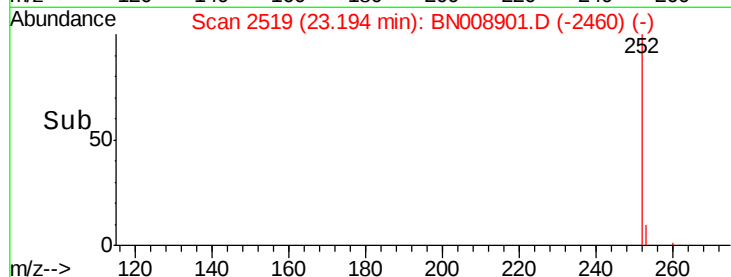
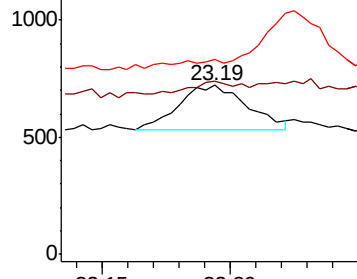
125 115.5 12.3 18.5#



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: BN008901.D

Acq: 10 Dec 2019 12:02

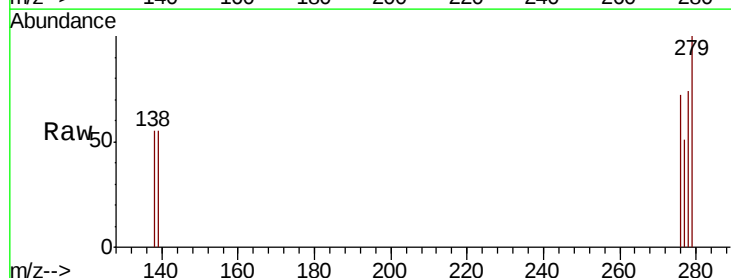
Tgt Ion:278 Resp: 345

Ion Ratio Lower Upper

278 100

139 74.6 13.9 20.9#

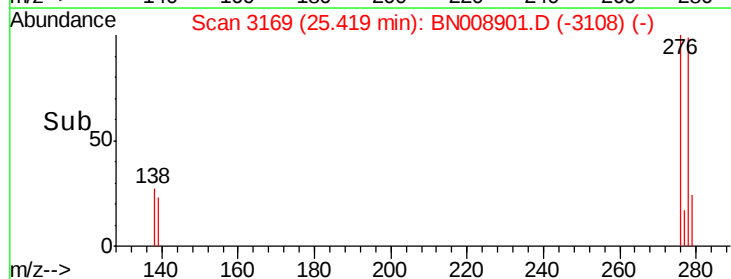
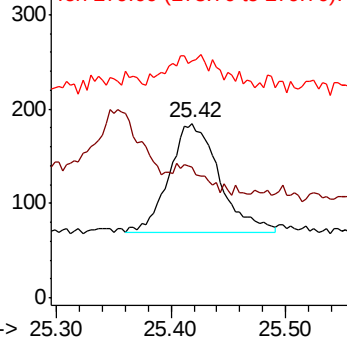
279 135.7 20.2 30.4#

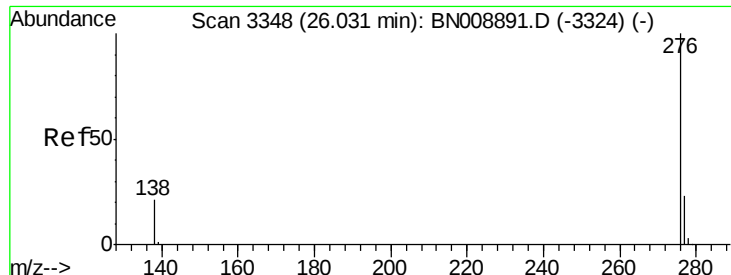


Abundance Ion 278.00 (277.70 to 278.70): E

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: 26.05 min Scan# 3352

Delta R.T. 0.01 min

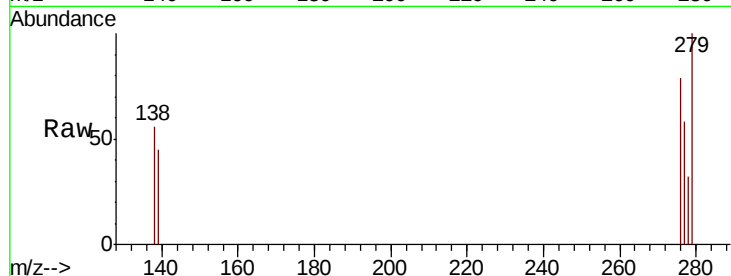
Lab File: BN008901.D

Acq: 10 Dec 2019 12:02

Instrument :

BNA_N

ClientSampleId :



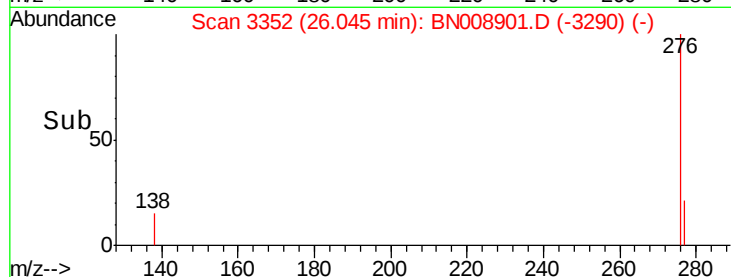
Tot Ion: 276 Resp: 364

Ion Ratio Lower Upper

276 100

277 73.6 19.4 29.2#

138 71.3 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

