

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008899.D
 Acq On : 10 Dec 2019 10:50
 Operator : JU
 Sample : PB124807BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 10 15:04:54 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	2618	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	11346	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	8044	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	19044	0.40	ng	0.00
27) Chrysene-d12	21.13	240	19581	0.40	ng	0.00
34) Perylene-d12	23.28	264	20905	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2704	0.41	ng	0.00
5) Phenol-d6	6.75	99	3758	0.41	ng	0.00
8) Nitrobenzene-d5	8.69	82	3727	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	8147	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1499	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	12464	0.41	ng	0.00
25) Fluoranthene-d10	18.97	212	22847	0.40	ng	0.00
29) Terphenyl-d14	19.58	244	18310	0.41	ng	0.00

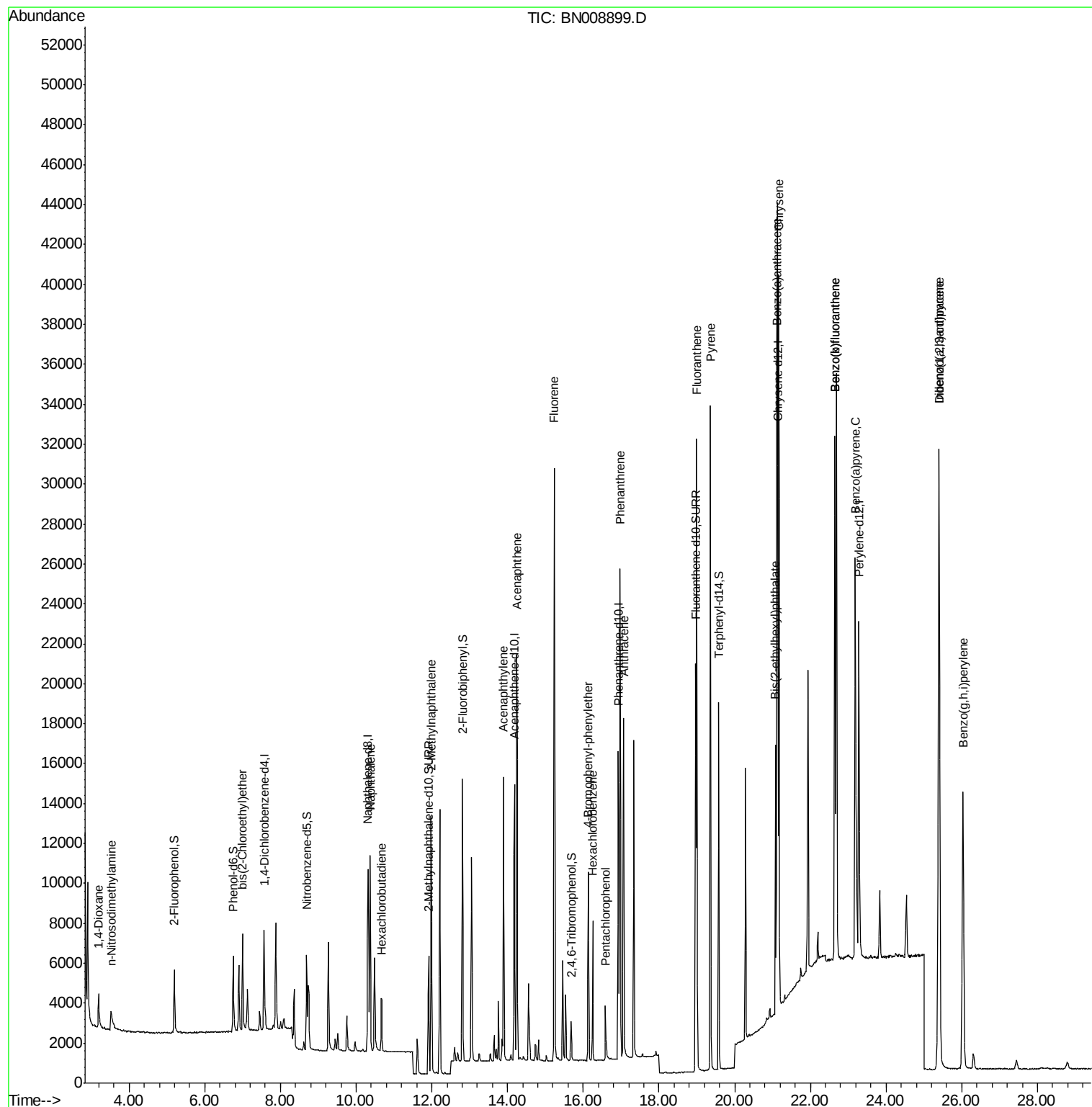
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1077	0.438	ng	99
3) n-Nitrosodimethylamine	3.52	42	1224	0.361	ng	# 99
6) bis(2-Chloroethyl)ether	7.00	93	3692	0.426	ng	99
9) Naphthalene	10.37	128	12978	0.419	ng	100
10) Hexachlorobutadiene	10.67	225	2486	0.420	ng	# 99
12) 2-Methylnaphthalene	11.98	142	9788	0.424	ng	99
16) Acenaphthylene	13.90	152	15477	0.421	ng	100
17) Acenaphthene	14.24	154	10358	0.424	ng	98
18) Fluorene	15.23	166	13989	0.426	ng	100
20) 4-Bromophenyl-phenylether	16.13	248	4587	0.403	ng	# 89
21) Hexachlorobenzene	16.25	284	5253	0.405	ng	100
22) Pentachlorophenol	16.60	266	1756	0.375	ng	97
23) Phenanthrene	16.97	178	24519	0.409	ng	100
24) Anthracene	17.07	178	21032	0.398	ng	100
26) Fluoranthene	19.00	202	29021	0.407	ng	100
28) Pyrene	19.36	202	29353	0.428	ng	100
30) Benzo(a)anthracene	21.11	228	29614	0.427	ng	97
31) Chrysene	21.17	228	31074	0.432	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	11939	0.367	ng	100
33) Indeno(1,2,3-cd)pyrene	25.40	276	33846	0.444	ng	99
35) Benzo(b)fluoranthene	22.65	252	31604	0.422	ng	99
36) Benzo(k)fluoranthene	22.65	252	31604	0.420	ng	98
37) Benzo(a)pyrene	23.19	252	28079	0.418	ng	99
38) Dibenzo(a,h)anthracene	25.41	278	27363	0.434	ng	99
39) Benzo(g,h,i)perylene	26.03	276	26993	0.434	ng	99

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

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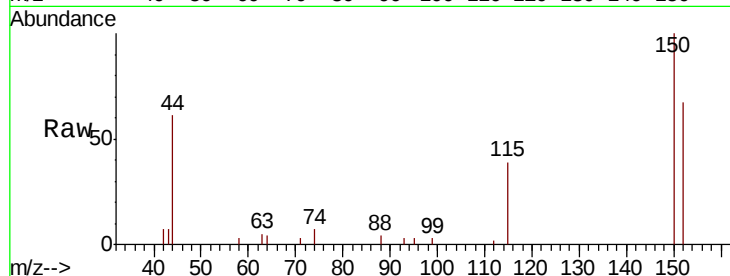


#1

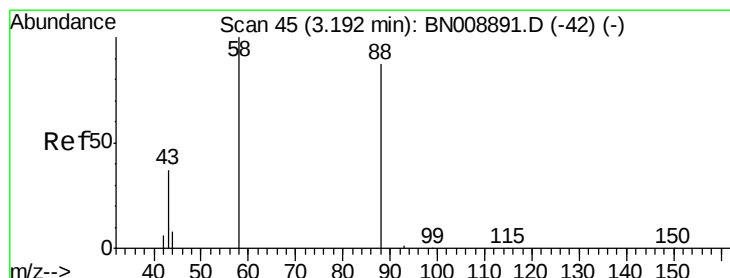
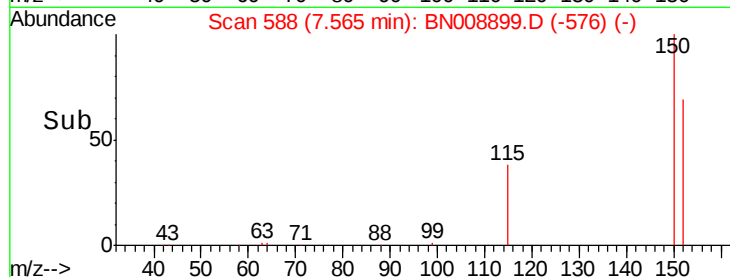
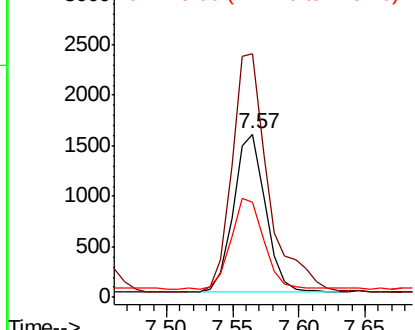
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2618
Ion Ratio Lower Upper
152 100
150 148.9 122.3 183.5
115 58.5 48.4 72.6



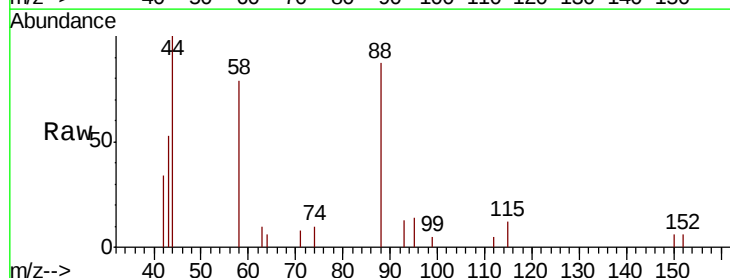
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



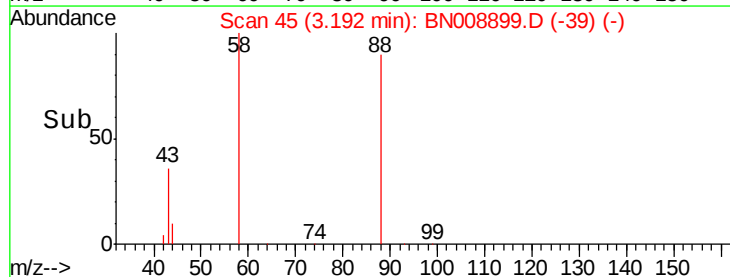
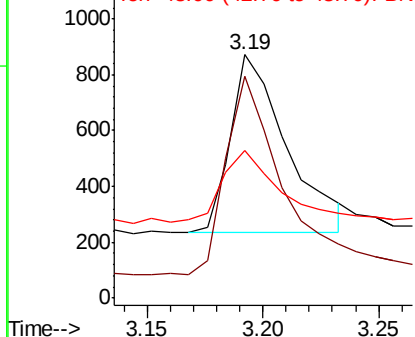
#2

1,4-Dioxane
Concen: 0.438 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion: 88 Resp: 1077
Ion Ratio Lower Upper
88 100
58 110.0 88.6 132.8
43 39.6 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



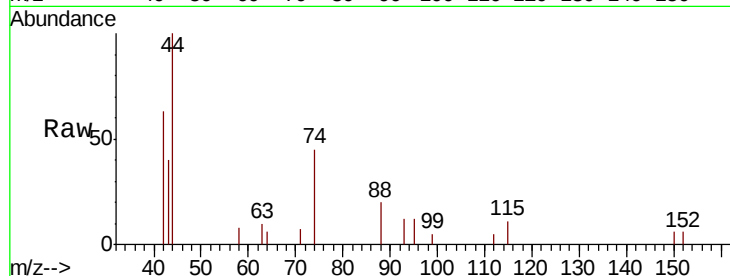


#3

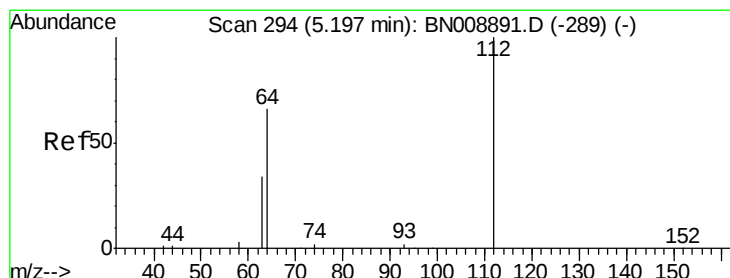
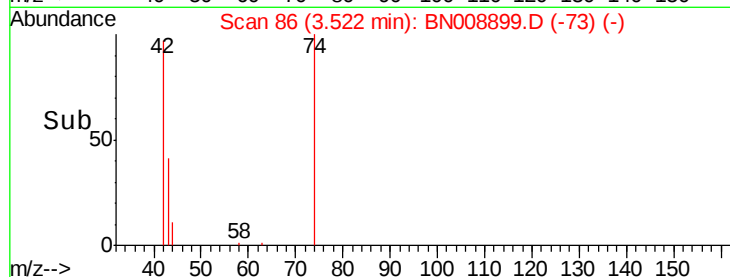
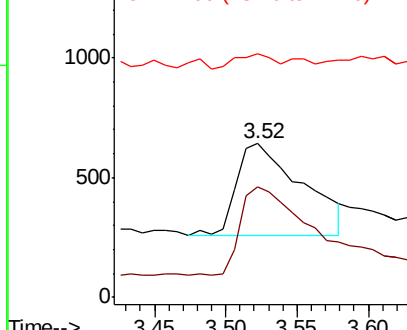
n-Nitrosodimethylamine
 Concen: 0.361 ng
 RT: 3.52 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BN008899.D
 Acq: 10 Dec 2019 10:50

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 42 Resp: 1224
 Ion Ratio Lower Upper
 42 100
 74 97.6 78.6 117.8
 44 10.0 0.0 0.0#



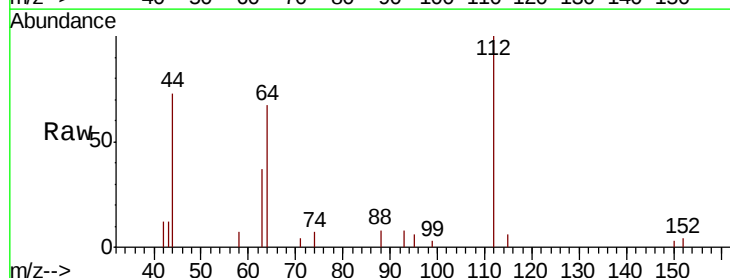
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



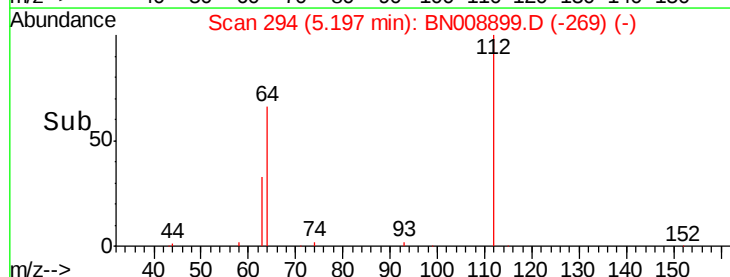
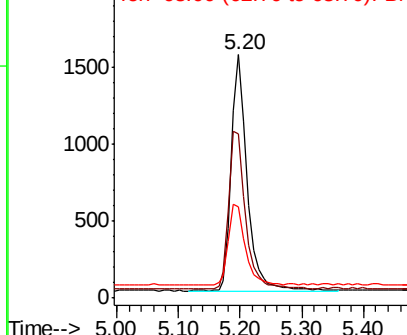
#4

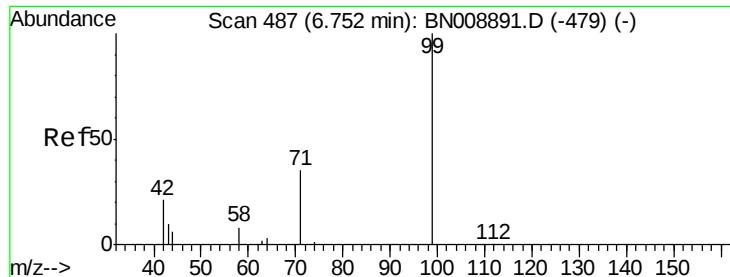
2-Fluorophenol
 Concen: 0.406 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN008899.D
 Acq: 10 Dec 2019 10:50

Tgt Ion: 112 Resp: 2704
 Ion Ratio Lower Upper
 112 100
 64 71.2 57.7 86.5
 63 36.5 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.408 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampled :

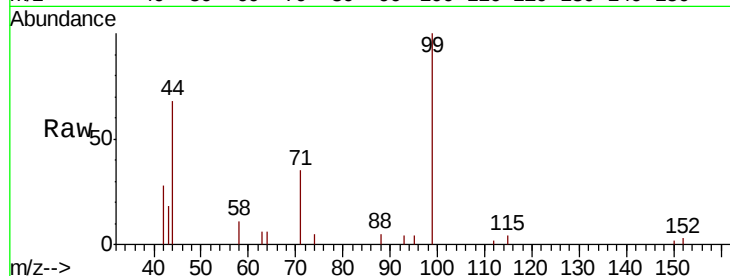
Tot Ion: 99 Resp: 3758

Ion Ratio Lower Upper

99 100

42 25.0 20.1 30.1

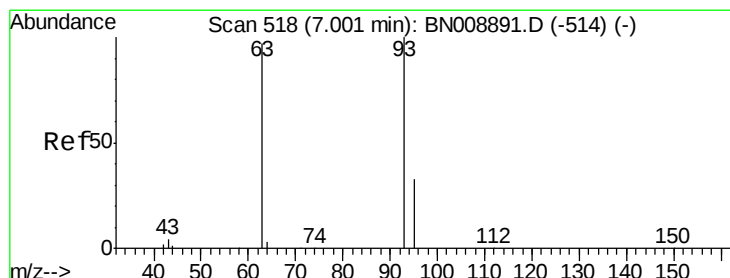
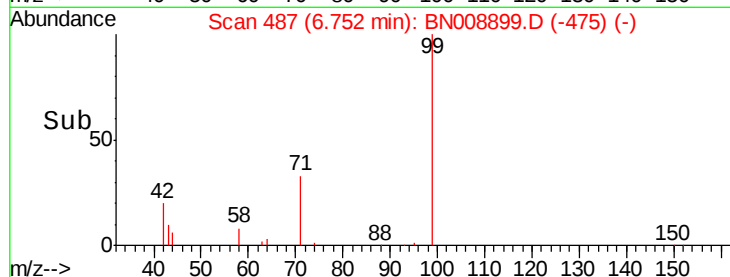
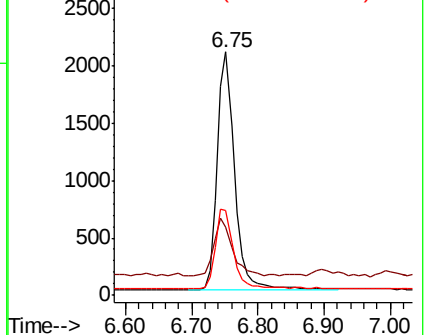
71 34.3 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008899.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008899.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008899.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.426 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

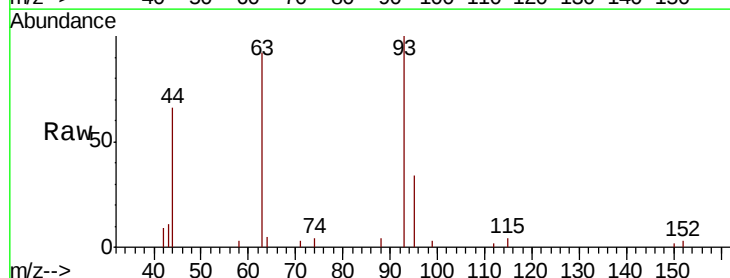
Tgt Ion: 93 Resp: 3692

Ion Ratio Lower Upper

93 100

63 91.5 73.5 110.3

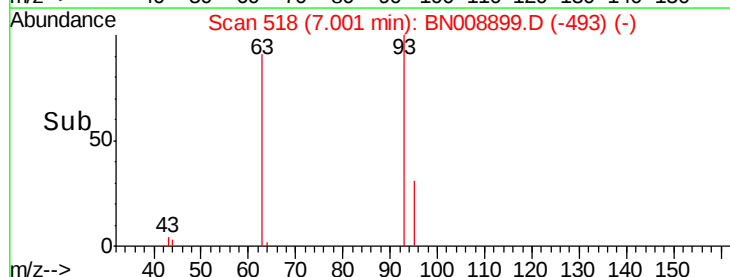
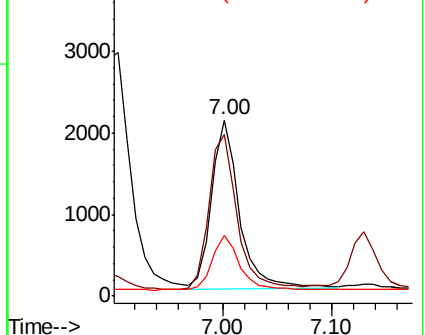
95 33.0 26.0 39.0

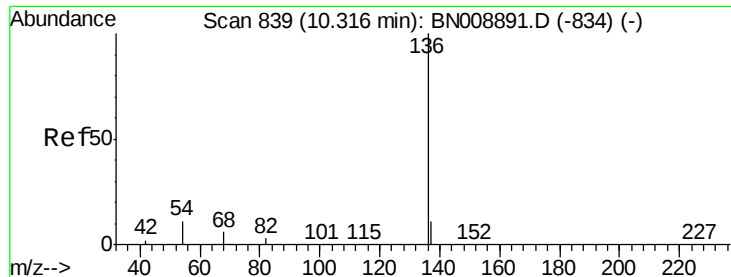


Abundance Ion 93.00 (92.70 to 93.70): BN008899.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN008899.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN008899.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 11346

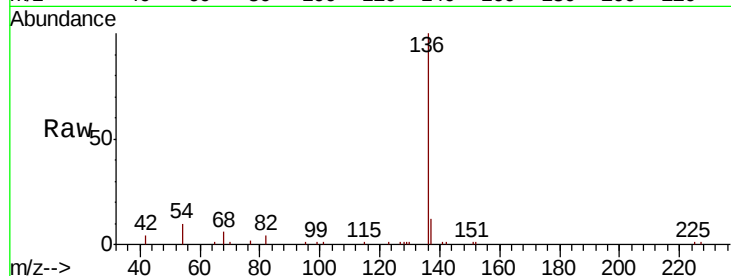
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 10.4 9.6 14.4

68 6.4 5.6 8.4

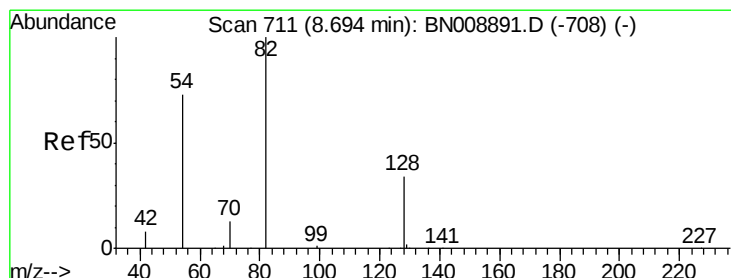
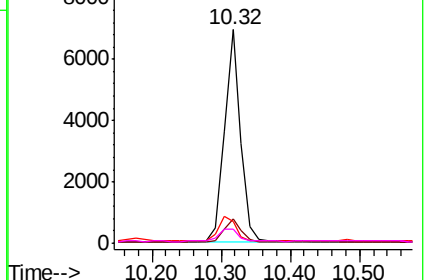
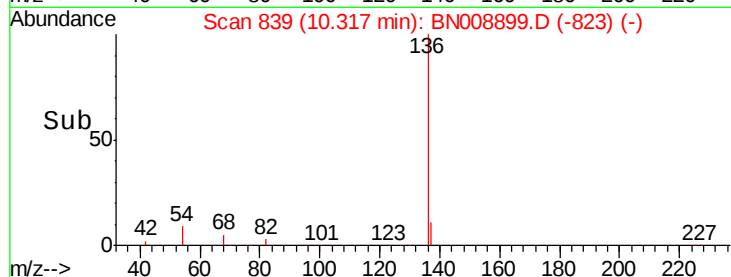


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

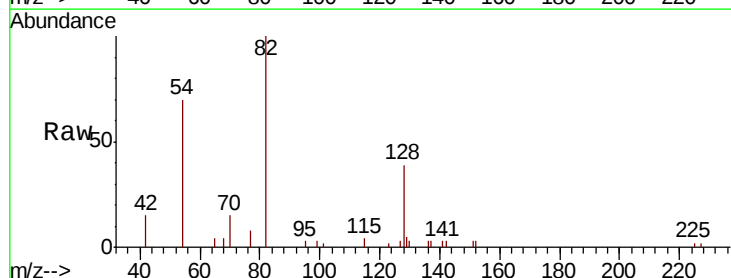
Tgt Ion: 82 Resp: 3727

Ion Ratio Lower Upper

82 100

128 39.1 29.1 43.7

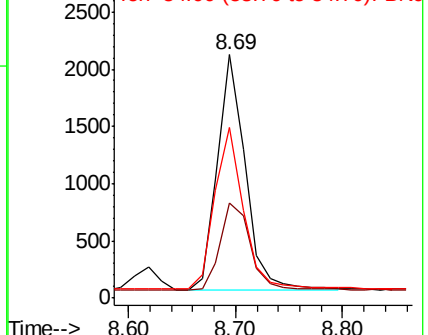
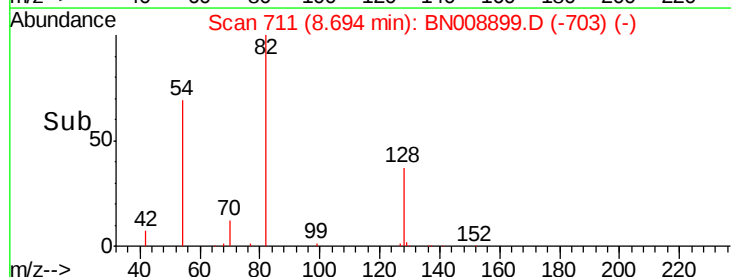
54 70.2 59.7 89.5

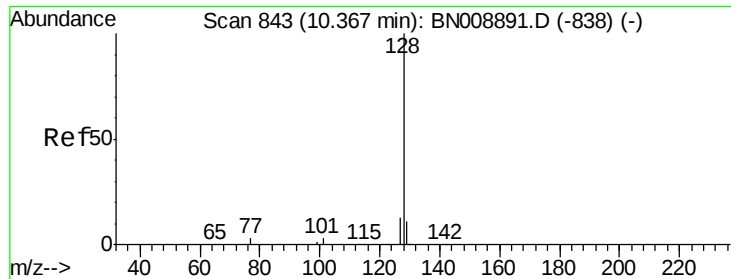


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

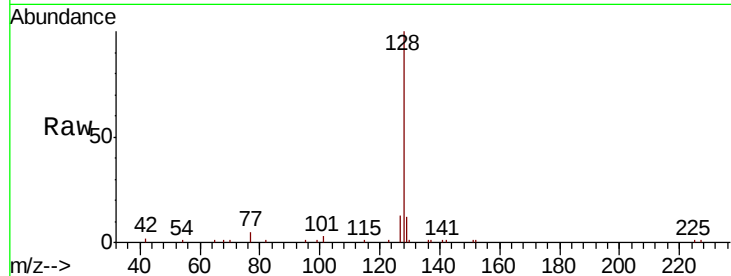




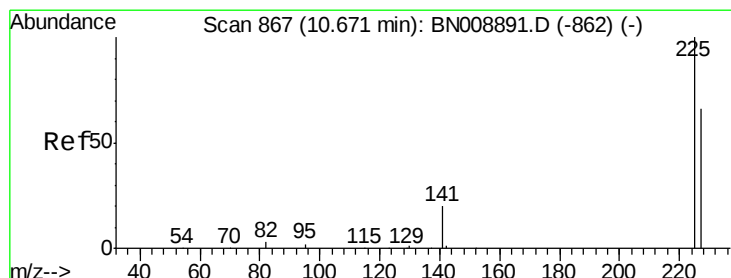
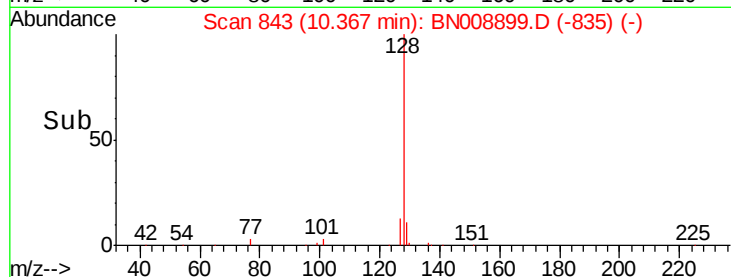
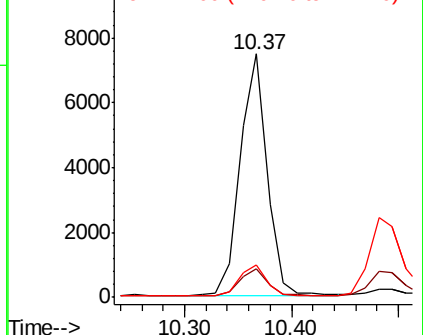
#9
Naphthalene
Concen: 0.419 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 12978
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.4 10.8 16.2

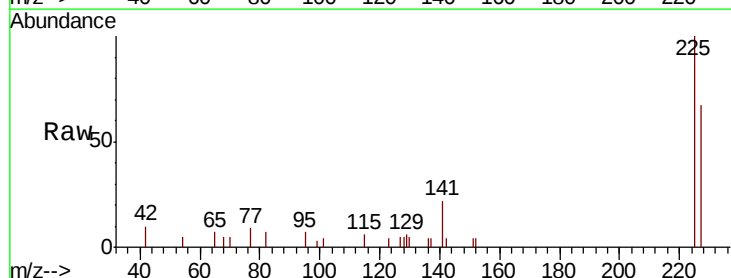


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

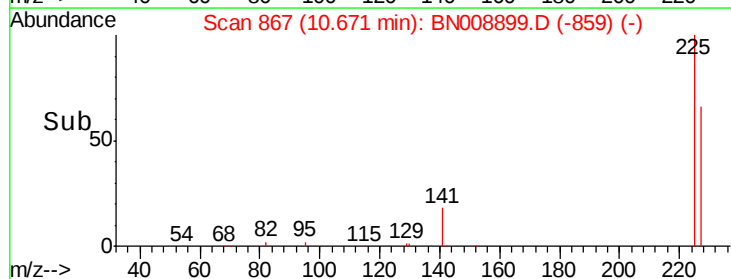
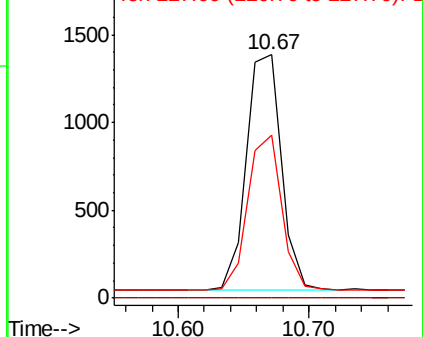


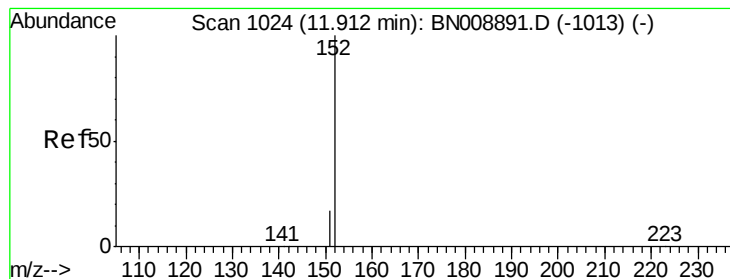
#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:225 Resp: 2486
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 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: 0.420 ng

RT: 11.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

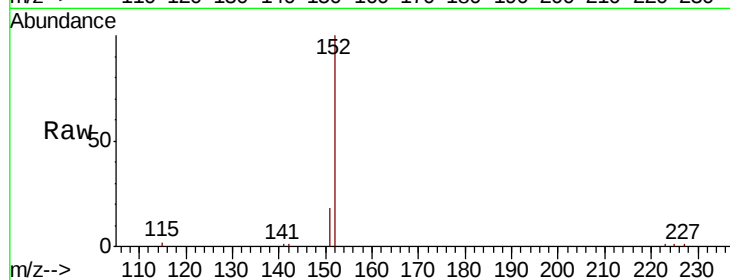
ClientSampleId :

Tot Ion:152 Resp: 8147

Ion Ratio Lower Upper

152 100

151 18.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

5000

4000

3000

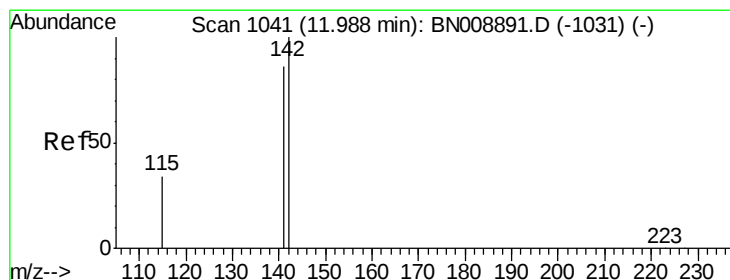
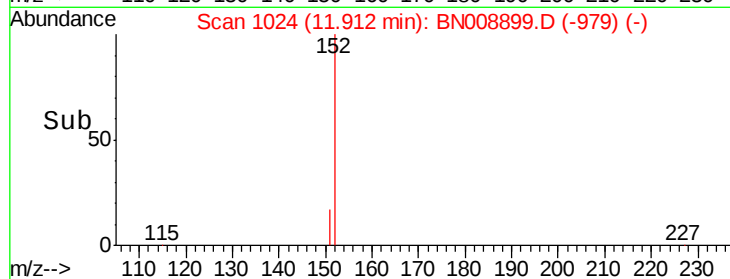
2000

1000

0

11.80 11.90 12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.424 ng

RT: 11.98 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

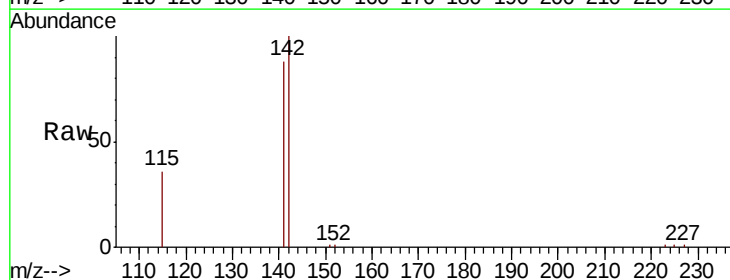
Tgt Ion:142 Resp: 9788

Ion Ratio Lower Upper

142 100

141 87.9 69.3 103.9

115 35.6 27.9 41.9



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

8000

6000

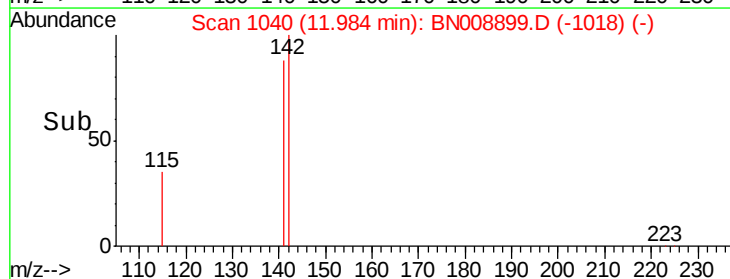
4000

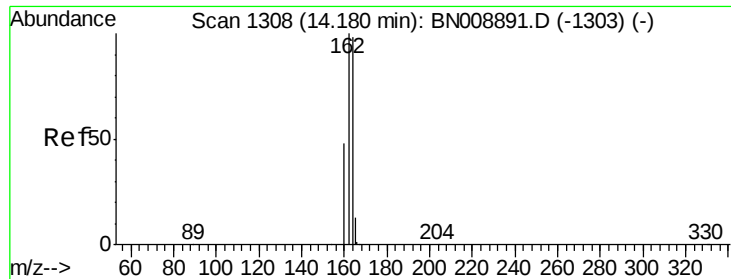
2000

0

11.90 12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

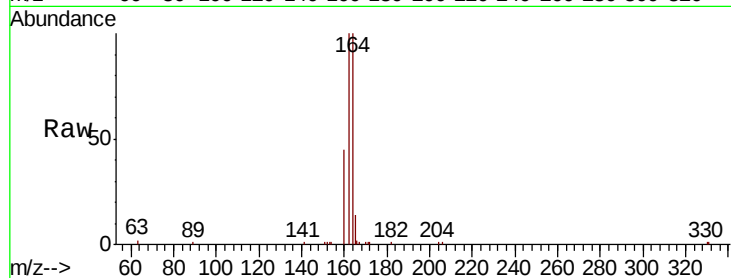
Tot Ion:164 Resp: 8044

Ion Ratio Lower Upper

164 100

162 99.7 81.9 122.9

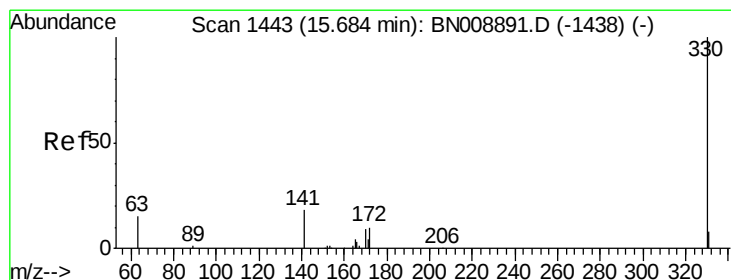
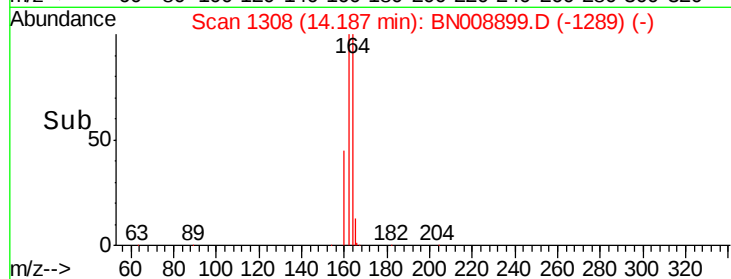
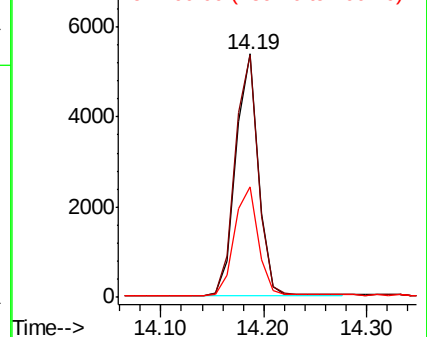
160 45.2 39.3 58.9



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: 0.388 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

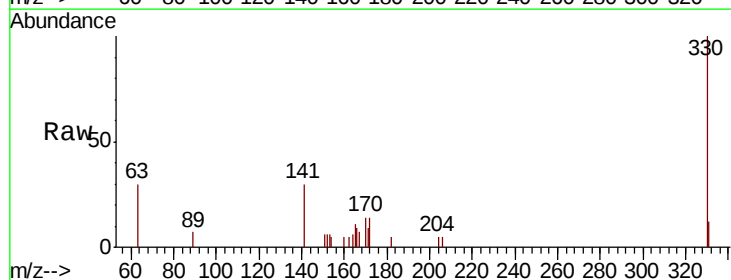
Tgt Ion:330 Resp: 1499

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

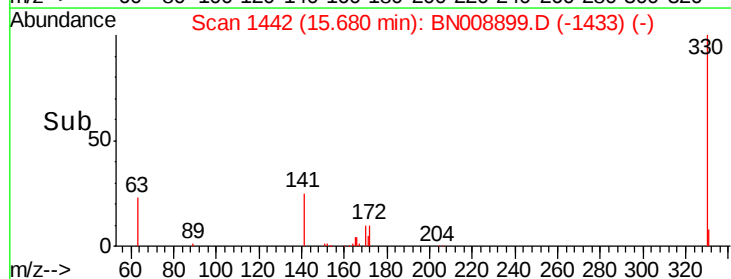
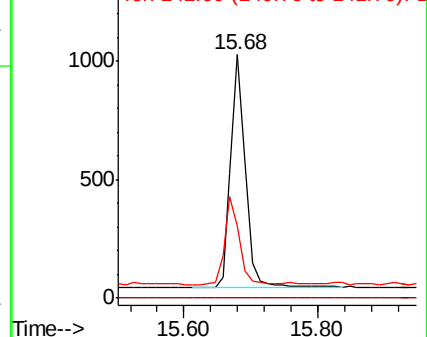
141 38.5 29.6 44.4



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

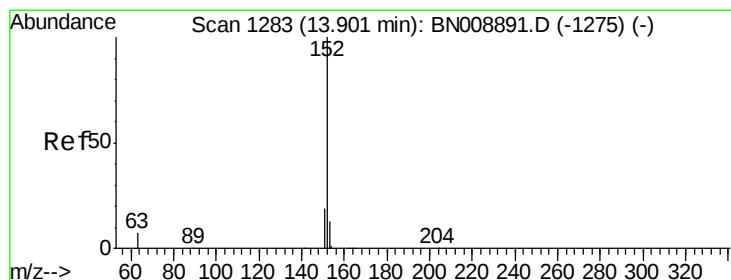
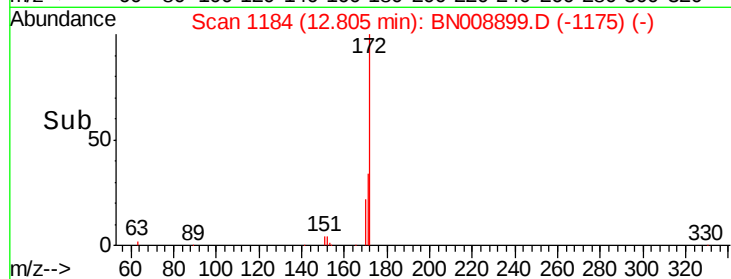
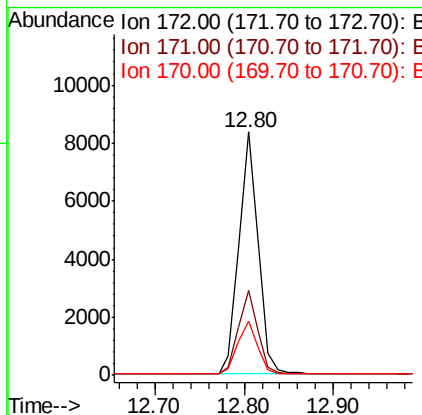
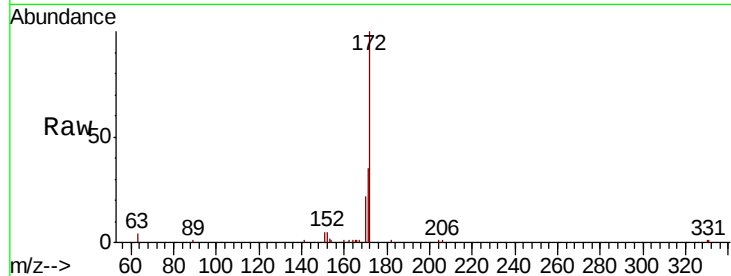




#15
 2-Fluorobiphenyl
 Concen: 0.408 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BN008899.D
 Acq: 10 Dec 2019 10:50

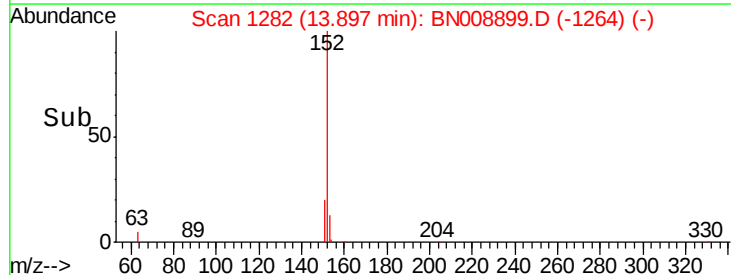
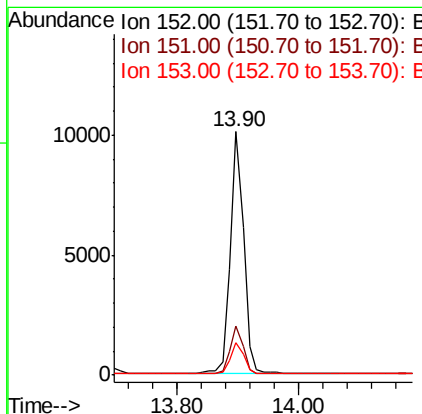
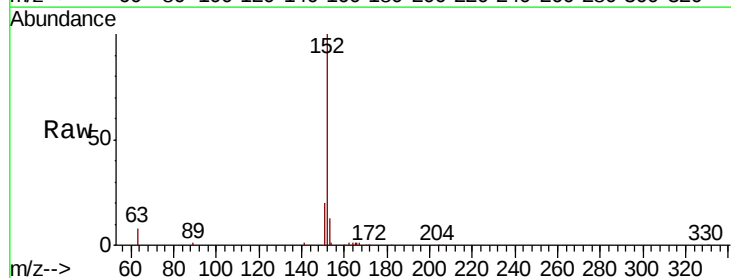
Instrument :
 BNA_N
 ClientSampleId :

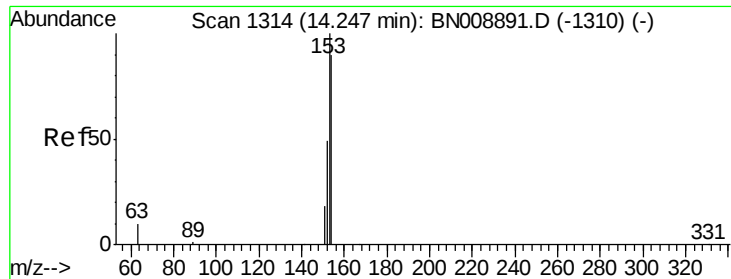
Tot Ion:172 Resp: 12464
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.1 40.7
 170 22.5 17.7 26.5



#16
 Acenaphthylene
 Concen: 0.421 ng
 RT: 13.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BN008899.D
 Acq: 10 Dec 2019 10:50

Tgt Ion:152 Resp: 15477
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9
 153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.424 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

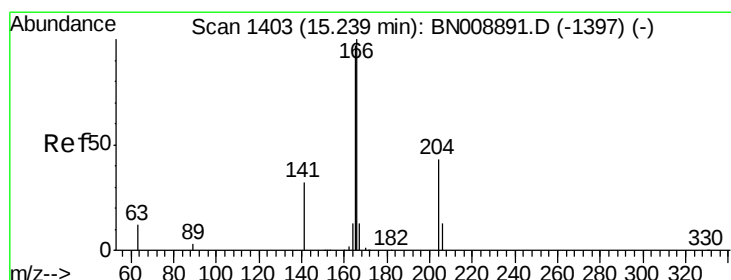
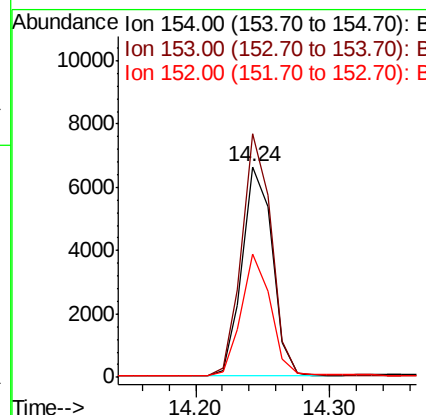
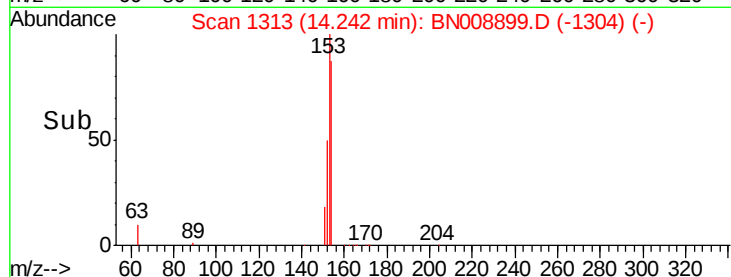
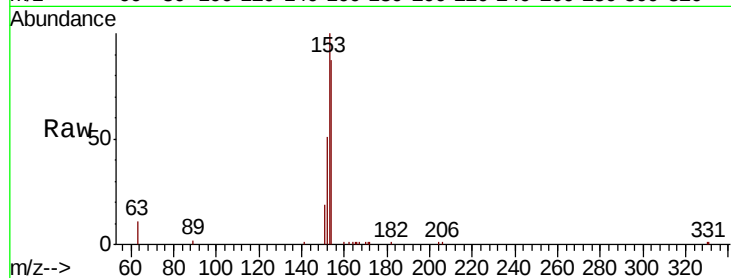
Tot Ion:154 Resp: 10358

Ion Ratio Lower Upper

154 100

153 113.4 89.2 133.8

152 56.4 44.2 66.4



#18

Fluorene

Concen: 0.426 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

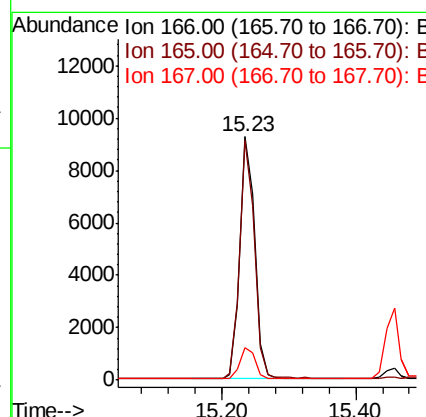
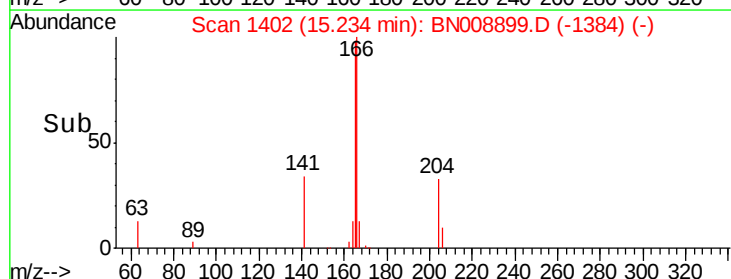
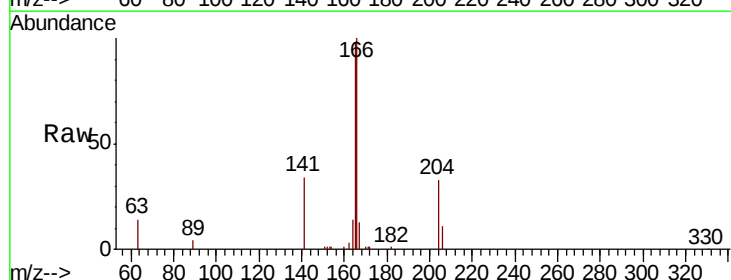
Tgt Ion:166 Resp: 13989

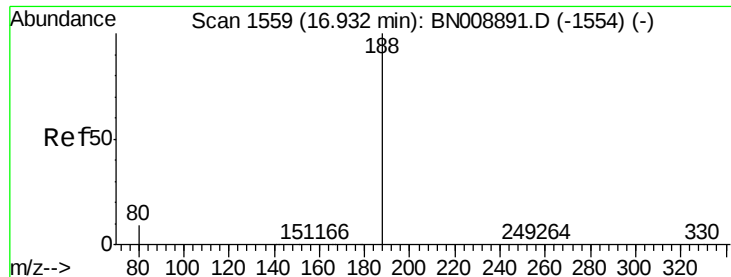
Ion Ratio Lower Upper

166 100

165 96.5 77.3 115.9

167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

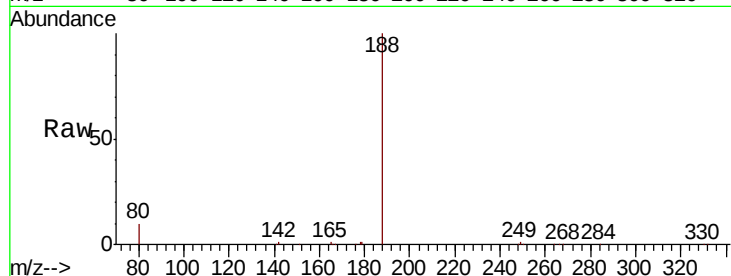
Tot Ion:188 Resp: 19044

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

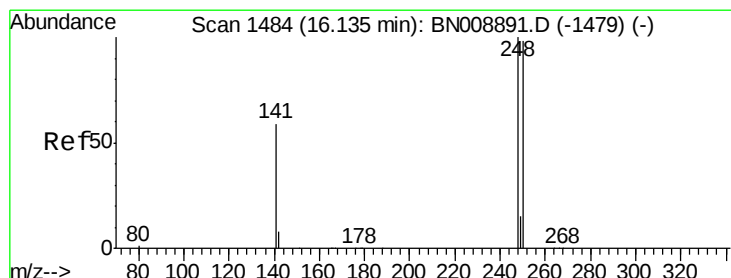
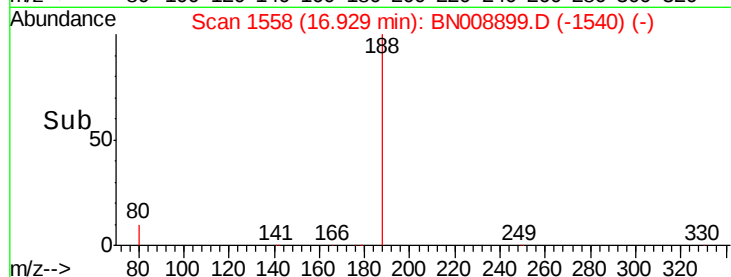
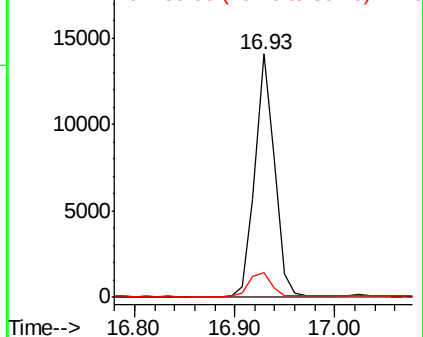
80 10.0 7.3 10.9



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: 0.403 ng

RT: 16.13 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

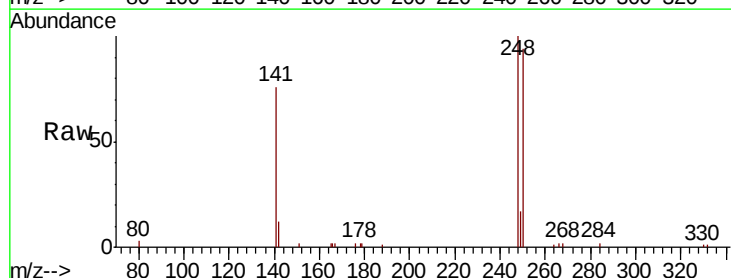
Tgt Ion:248 Resp: 4587

Ion Ratio Lower Upper

248 100

250 93.7 78.7 118.1

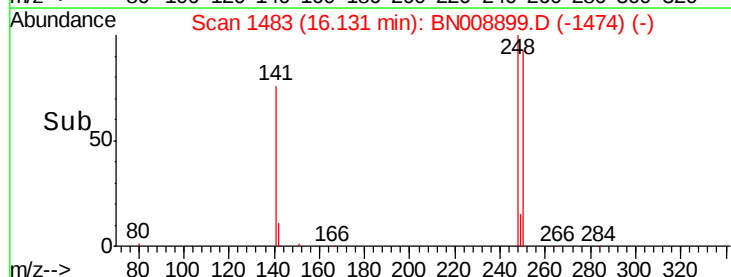
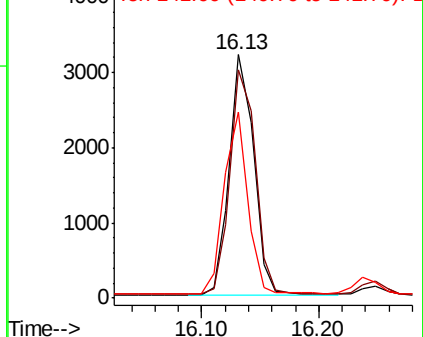
141 76.3 47.9 71.9#

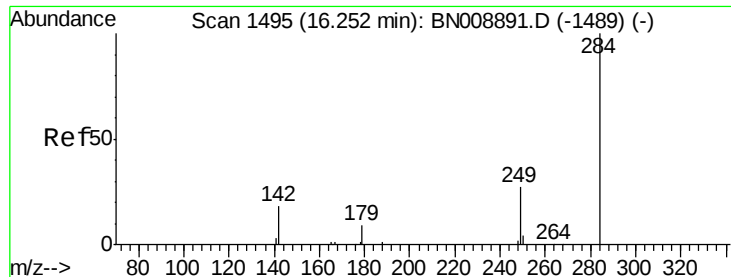


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

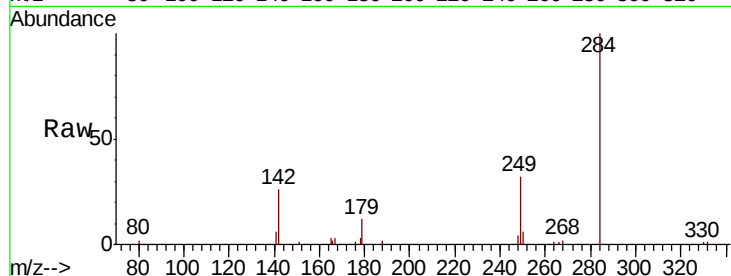




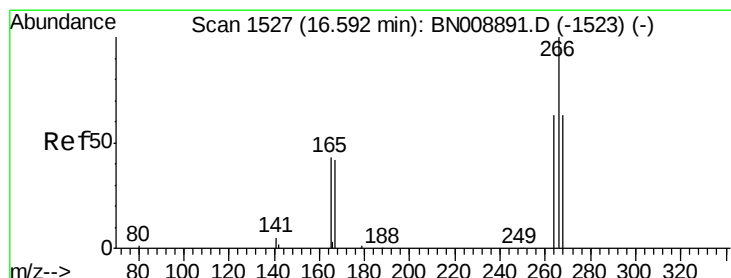
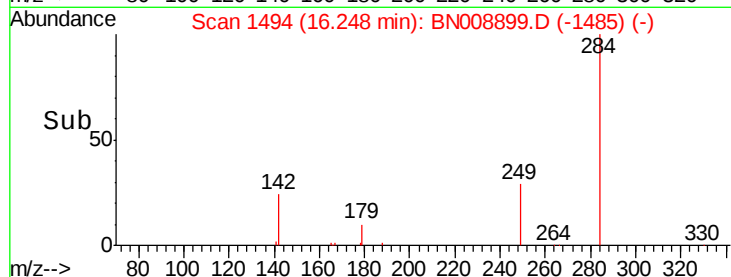
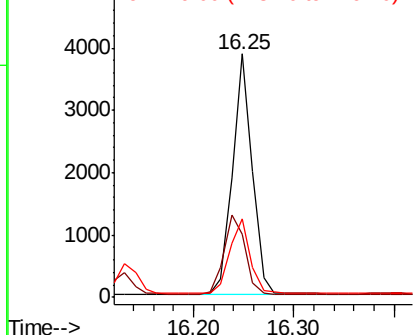
#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.25 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 5253
Ion Ratio Lower Upper
284 100
142 35.0 27.8 41.6
249 31.7 25.3 37.9

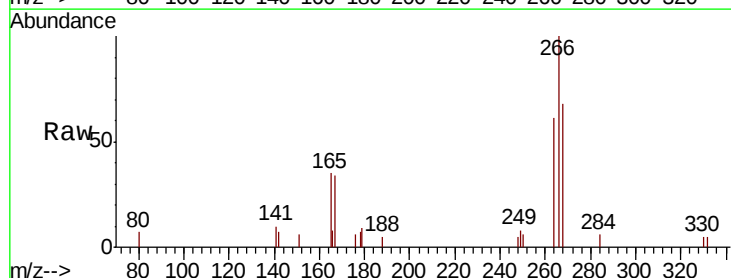


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

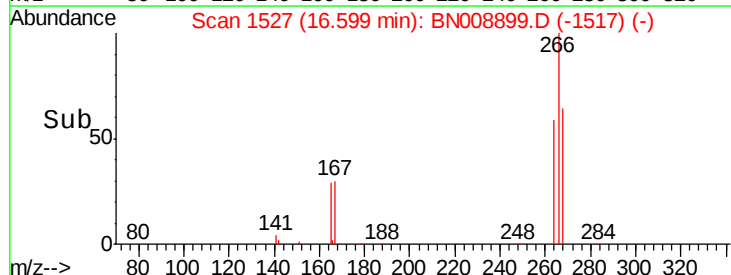
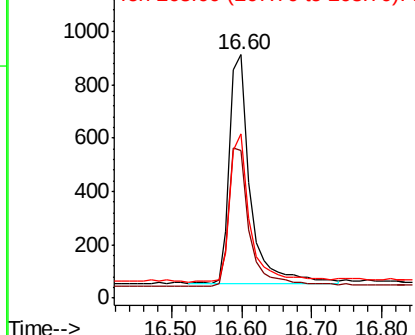


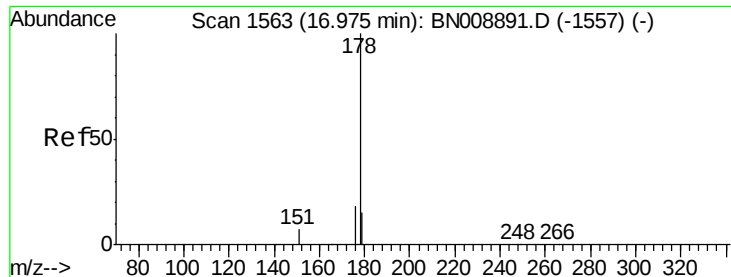
#22
Pentachlorophenol
Concen: 0.375 ng
RT: 16.60 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:266 Resp: 1756
Ion Ratio Lower Upper
266 100
264 60.7 51.5 77.3
268 67.6 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: 0.409 ng

RT: 16.97 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

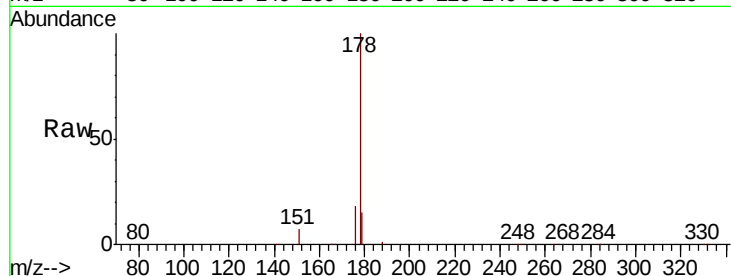
Tot Ion:178 Resp: 24519

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

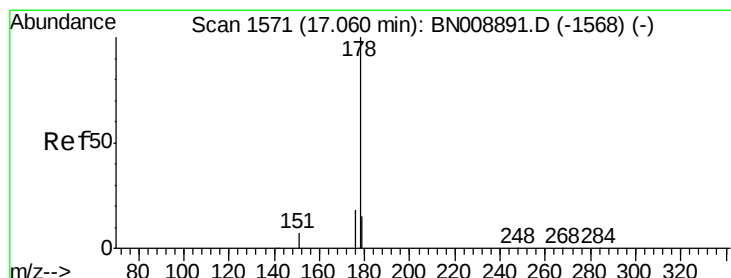
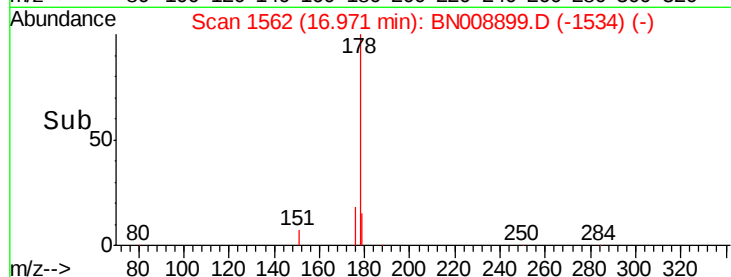
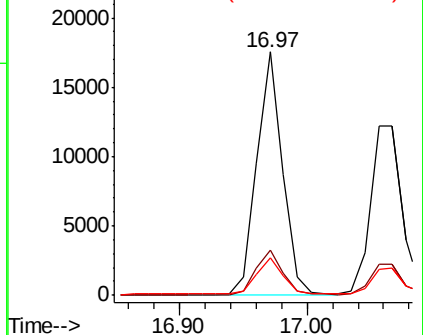
179 15.3 12.3 18.5



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: 0.398 ng

RT: 17.07 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

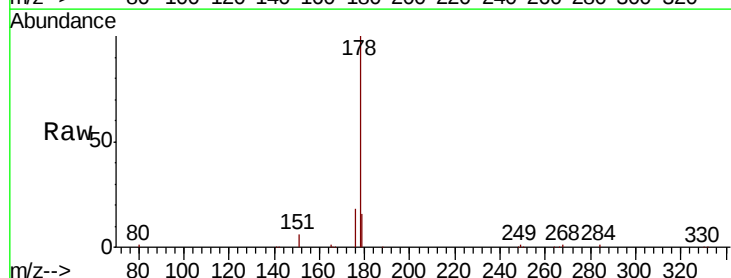
Tgt Ion:178 Resp: 21032

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

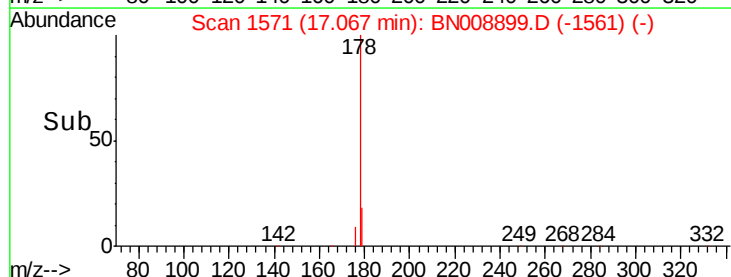
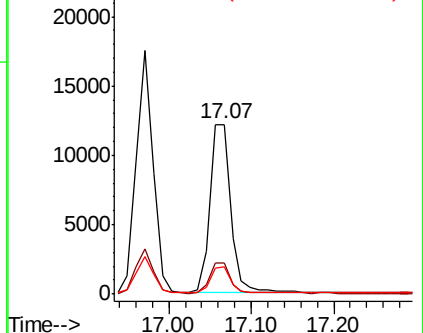
179 15.4 12.1 18.1

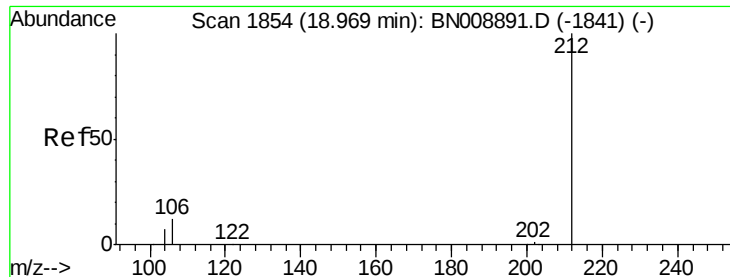


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 18.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

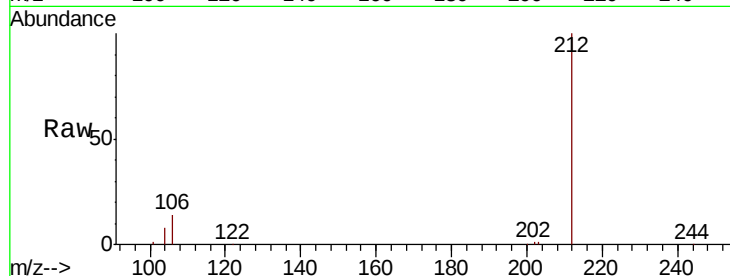
Tot Ion:212 Resp: 22847

Ion Ratio Lower Upper

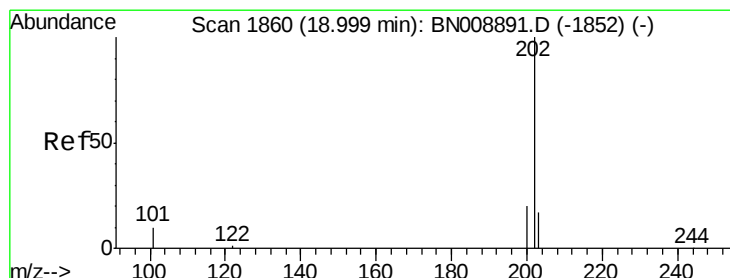
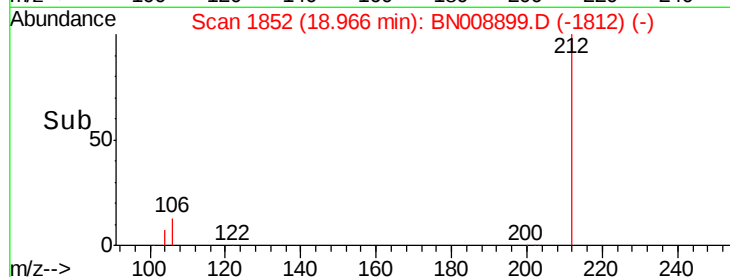
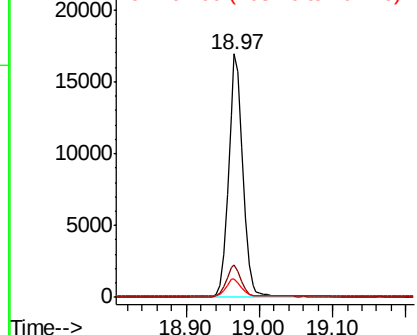
212 100

106 13.2 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: 0.407 ng

RT: 19.00 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

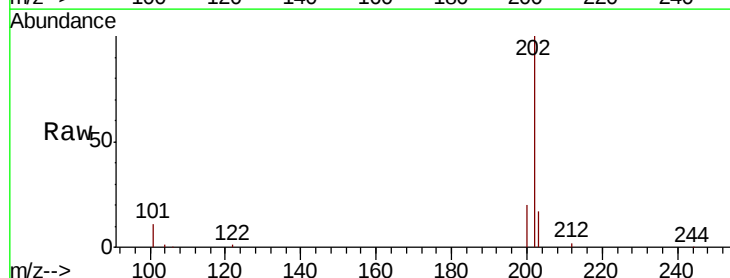
Tgt Ion:202 Resp: 29021

Ion Ratio Lower Upper

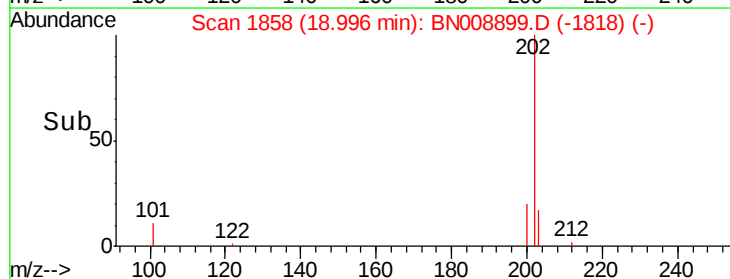
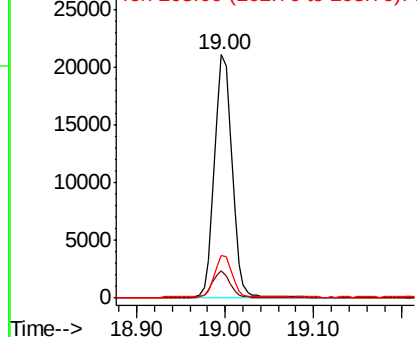
202 100

101 11.0 8.8 13.2

203 17.1 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# 2168

Delta R.T. 0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

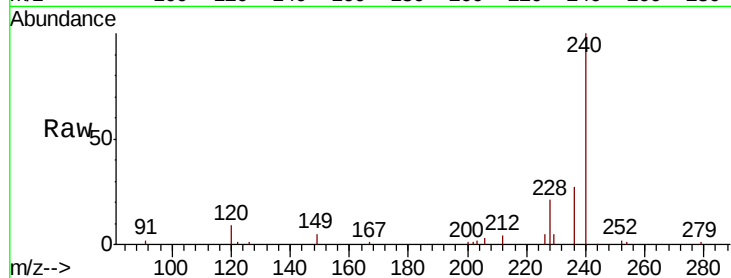
Tot Ion:240 Resp: 19581

Ion Ratio Lower Upper

240 100

120 8.7 9.1 13.7#

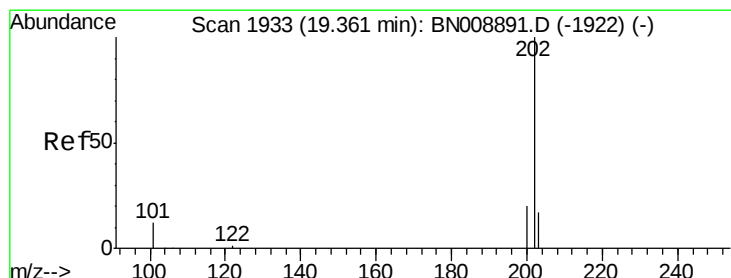
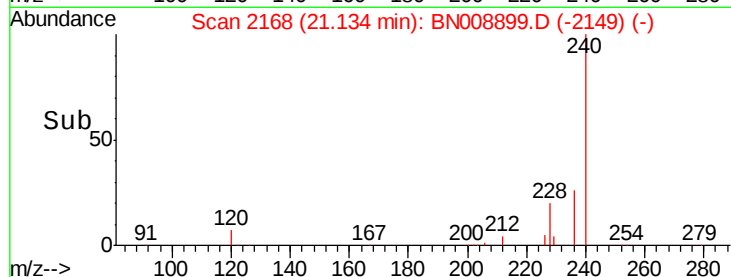
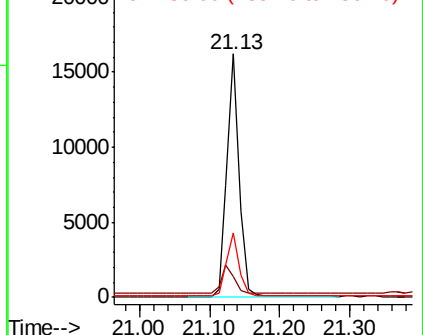
236 26.6 21.5 32.3



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: 0.428 ng

RT: 19.36 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

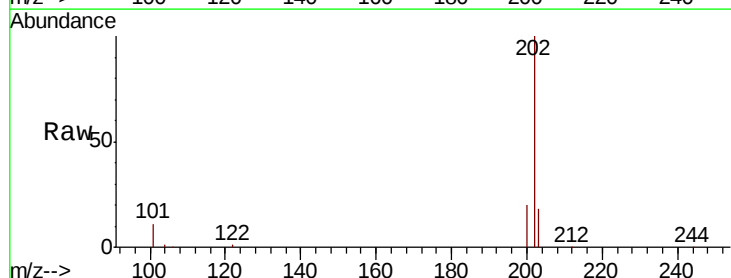
Tgt Ion:202 Resp: 29353

Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

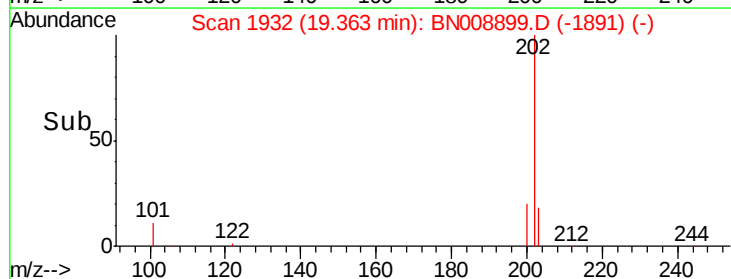
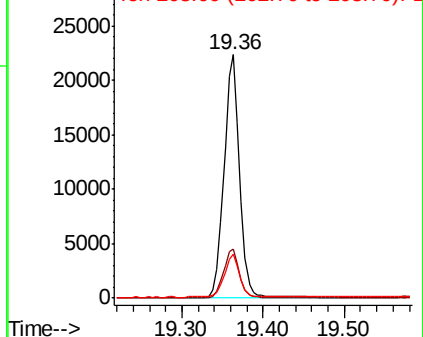
203 17.5 13.9 20.9

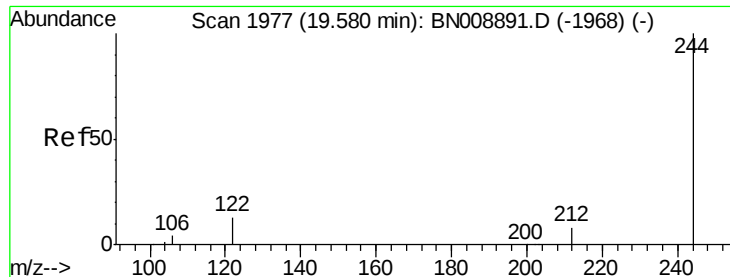


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.58 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

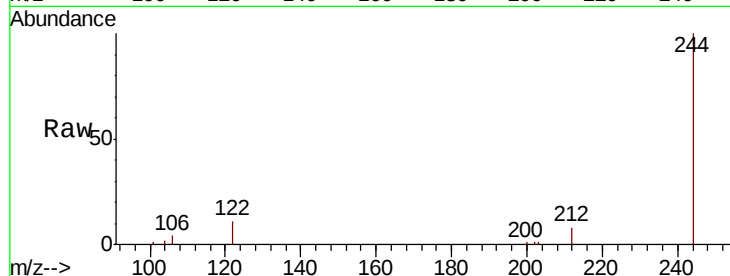
Tot Ion:244 Resp: 18310

Ion Ratio Lower Upper

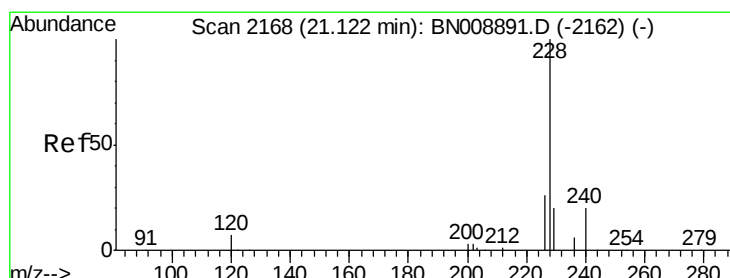
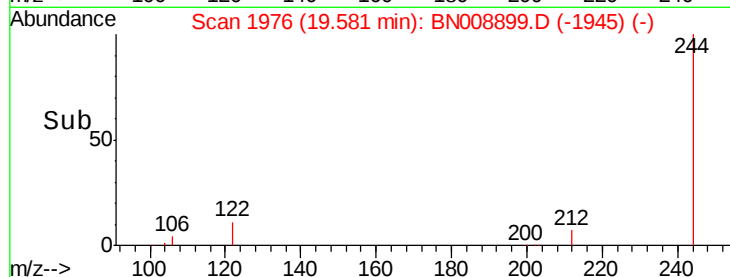
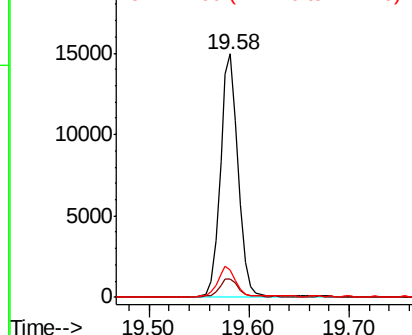
244 100

212 7.7 6.5 9.7

122 11.3 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: 0.427 ng

RT: 21.11 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

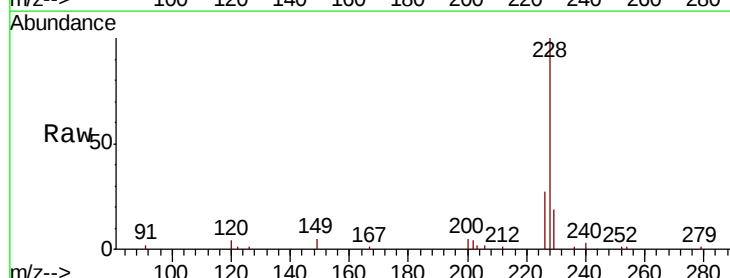
Tgt Ion:228 Resp: 29614

Ion Ratio Lower Upper

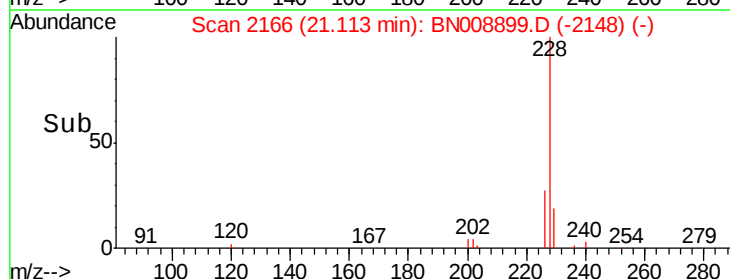
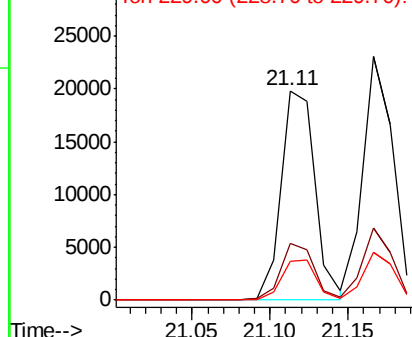
228 100

226 27.3 20.6 30.8

229 18.8 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: 0.432 ng

RT: 21.17 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

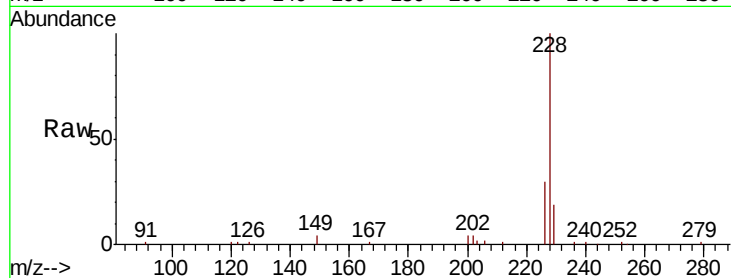
Tot Ion:228 Resp: 31074

Ion Ratio Lower Upper

228 100

226 29.8 22.2 33.4

229 19.4 15.9 23.9

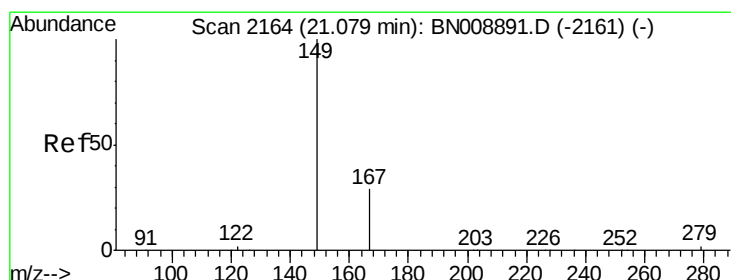
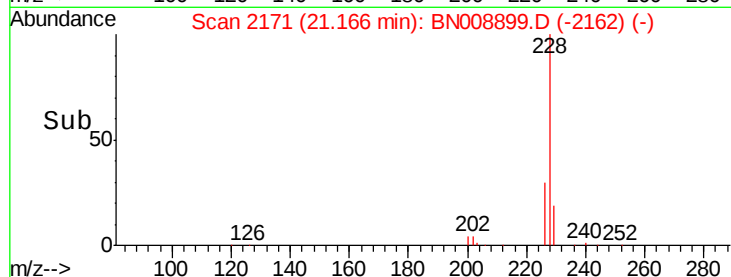
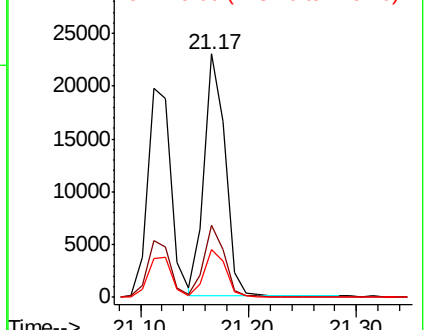


Abundance

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: 0.367 ng

RT: 21.08 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

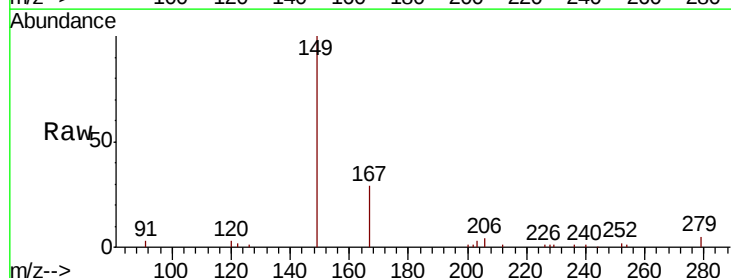
Tgt Ion:149 Resp: 11939

Ion Ratio Lower Upper

149 100

167 28.3 22.7 34.1

279 4.0 3.3 4.9

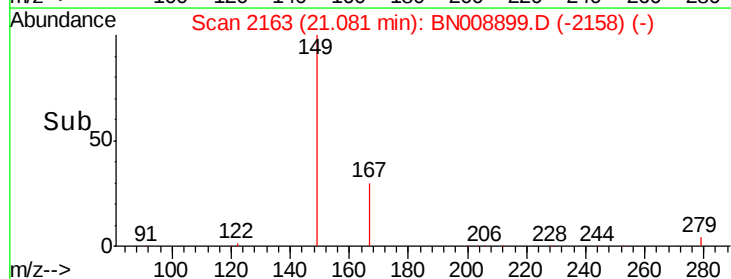
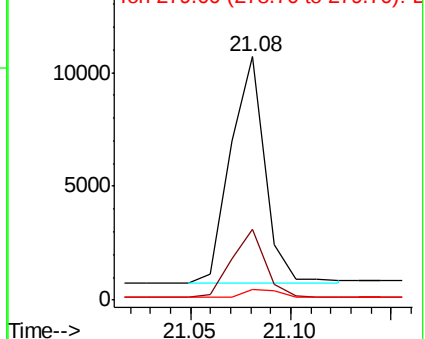


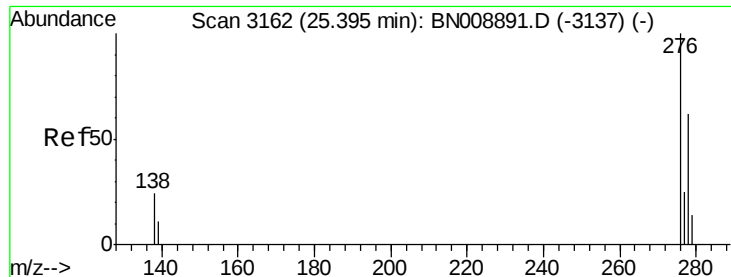
Abundance

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: 0.444 ng

RT: 25.40 min Scan# 3161

Delta R.T. 0.00 min

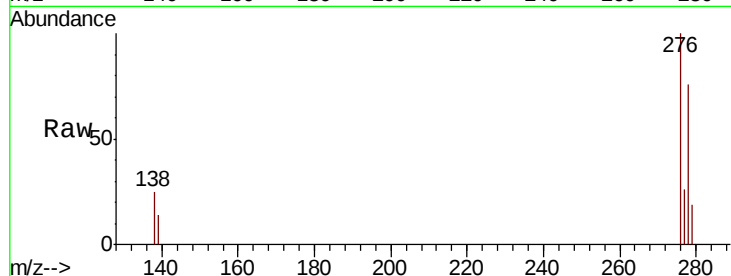
Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :



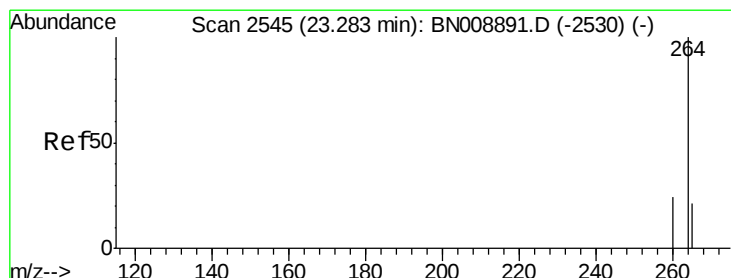
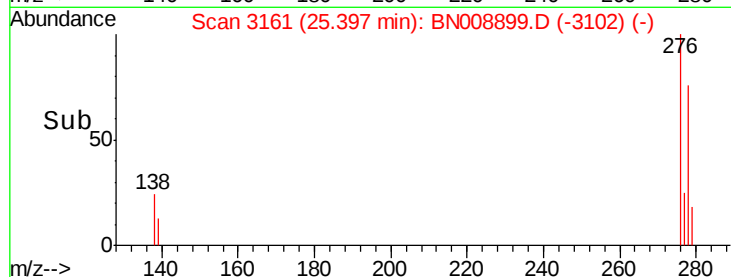
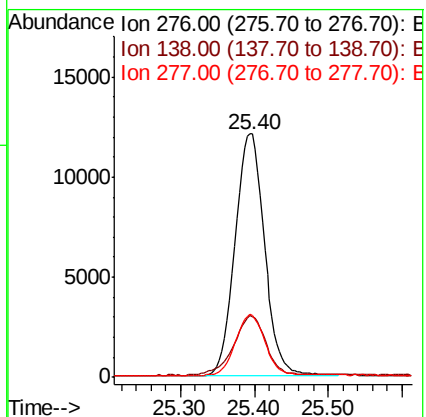
Tot Ion:276 Resp: 33846

Ion Ratio Lower Upper

276 100

138 26.4 19.9 29.9

277 24.8 19.8 29.8



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

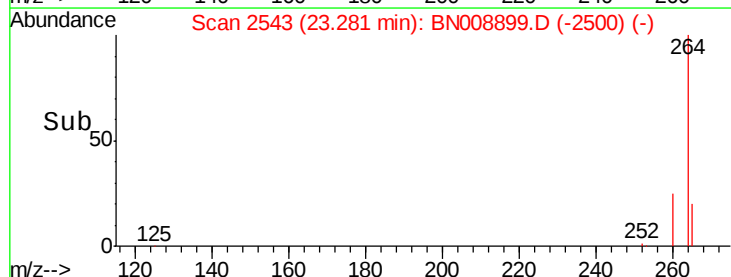
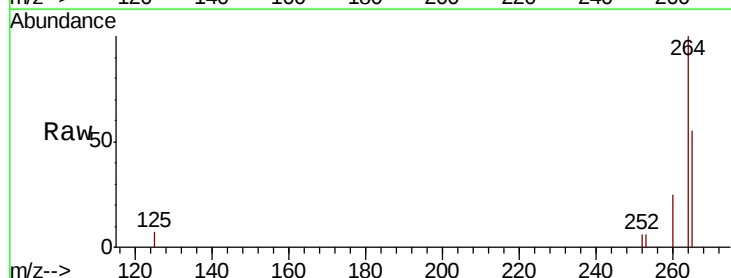
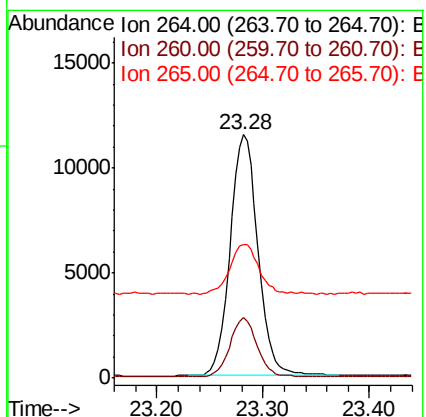
Tgt Ion:264 Resp: 20905

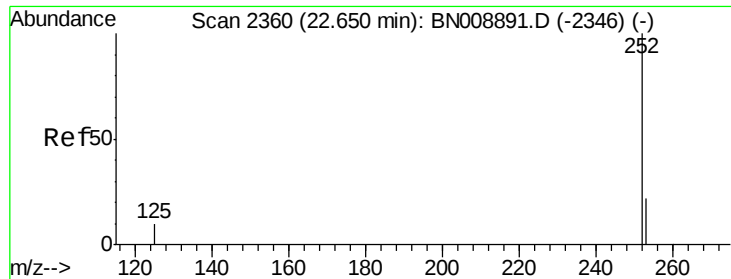
Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.0

265 55.0 47.5 71.3





#35

Benzo(b)fluoranthene

Concen: 0.422 ng

RT: 22.65 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

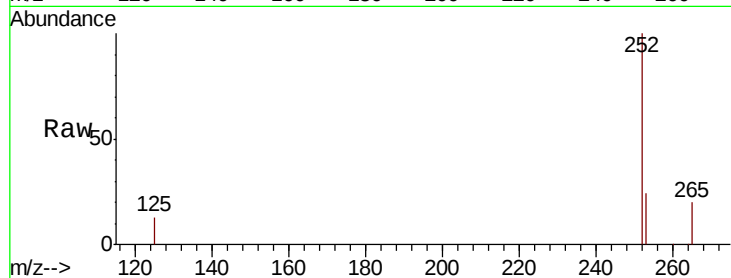
Tot Ion:252 Resp: 31604

Ion Ratio Lower Upper

252 100

253 24.2 19.8 29.6

125 13.1 10.8 16.2

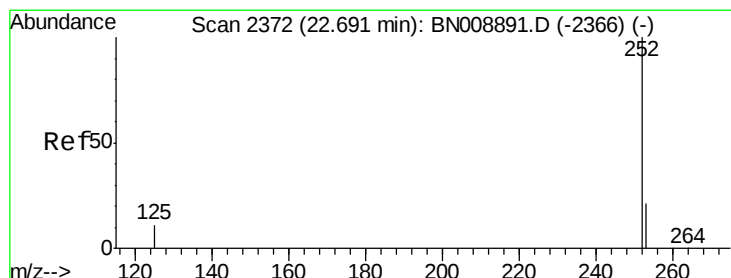
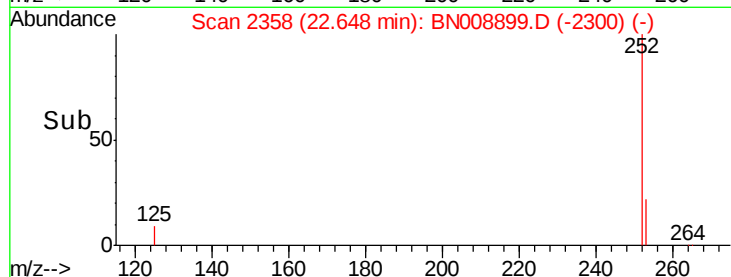
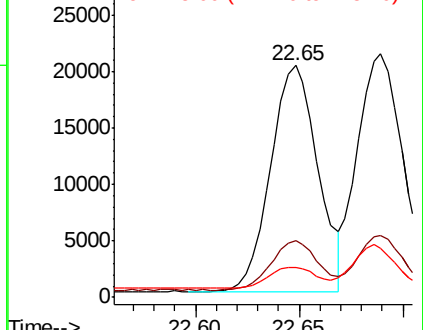


Abundance

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: 0.420 ng

RT: 22.65 min Scan# 2358

Delta R.T. -0.04 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

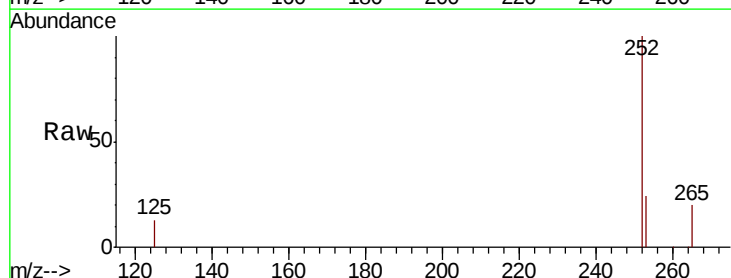
Tgt Ion:252 Resp: 31604

Ion Ratio Lower Upper

252 100

253 24.2 19.2 28.8

125 13.1 11.6 17.4

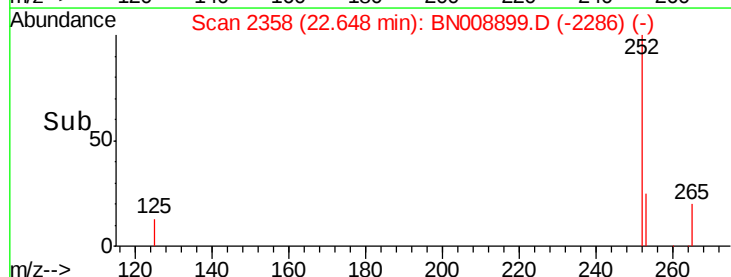
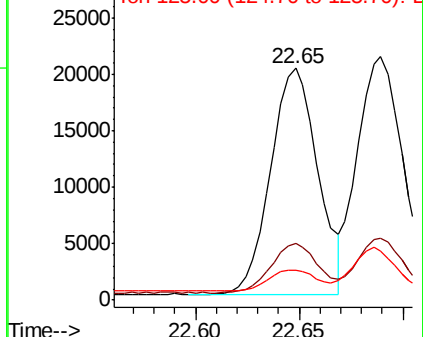


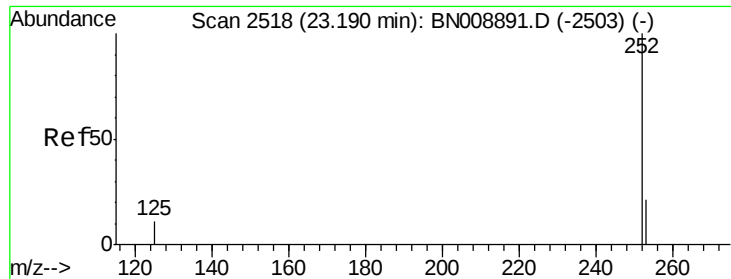
Abundance

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: 0.418 ng

RT: 23.19 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :

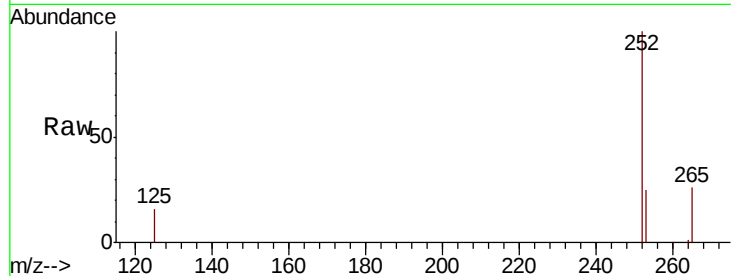
Tot Ion:252 Resp: 28079

Ion Ratio Lower Upper

252 100

253 25.2 19.9 29.9

125 15.8 12.3 18.5

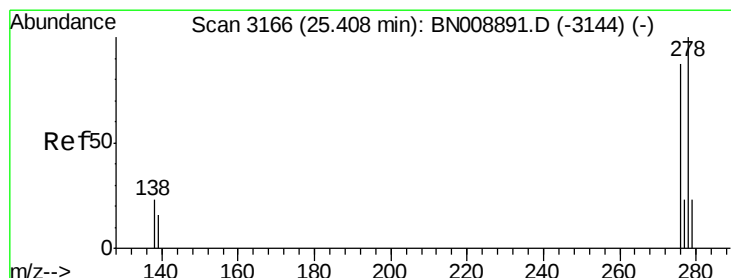
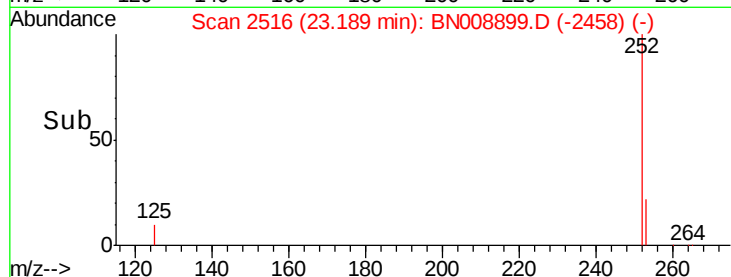
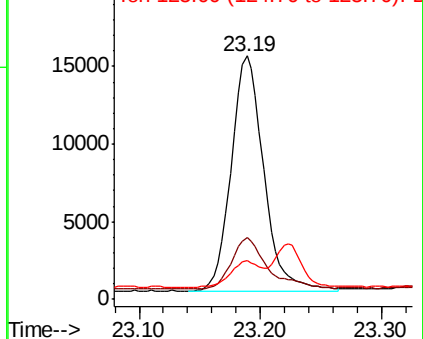


Abundance

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: 0.434 ng

RT: 25.41 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

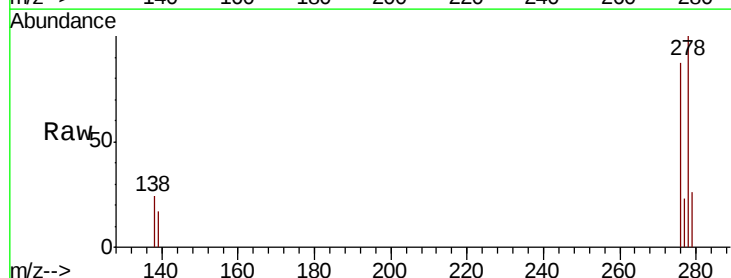
Tgt Ion:278 Resp: 27363

Ion Ratio Lower Upper

278 100

139 17.1 13.9 20.9

279 25.9 20.2 30.4

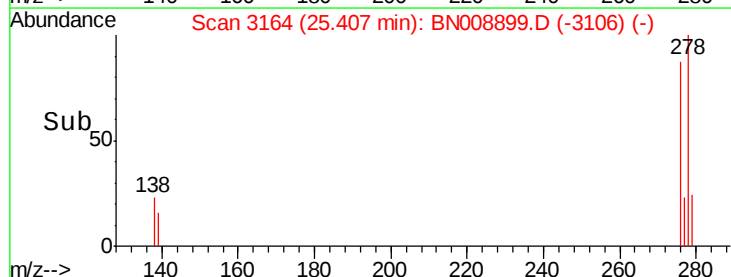
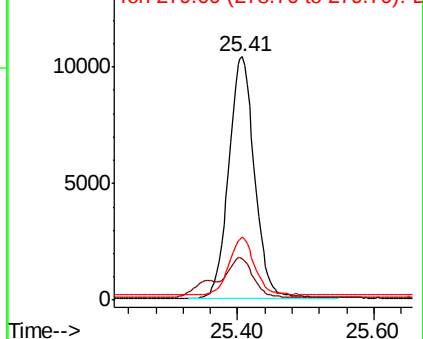


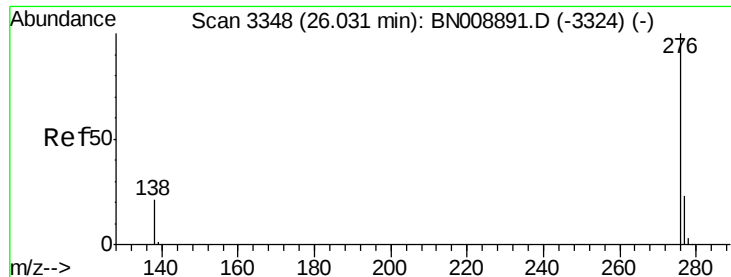
Abundance

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: 0.434 ng

RT: 26.03 min Scan# 3347

Delta R.T. 0.00 min

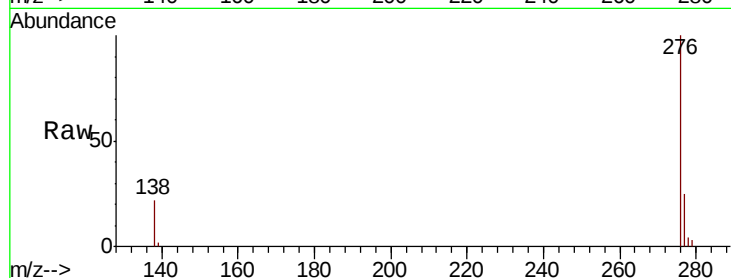
Lab File: BN008899.D

Acq: 10 Dec 2019 10:50

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 26993

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.2

138 22.2 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

