

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
 Data File : BN008894.D
 Acq On : 09 Dec 2019 15:42
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Dec 09 16:21:18 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 15:08:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2909	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	12335	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	8515	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	18360	0.40	ng	0.00
27) Chrysene-d12	21.13	240	20887	0.40	ng	0.00
34) Perylene-d12	23.28	264	21737	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	23772	3.02	ng	0.00
5) Phenol-d6	6.75	99	33967	3.17	ng	0.00
8) Nitrobenzene-d5	8.69	82	34966	3.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	68079	3.33	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	14391	3.11	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	105439	3.30	ng	0.00
25) Fluoranthene-d10	18.97	212	189548	3.41	ng	0.00
29) Terphenyl-d14	19.58	244	153159	3.18	ng	0.00

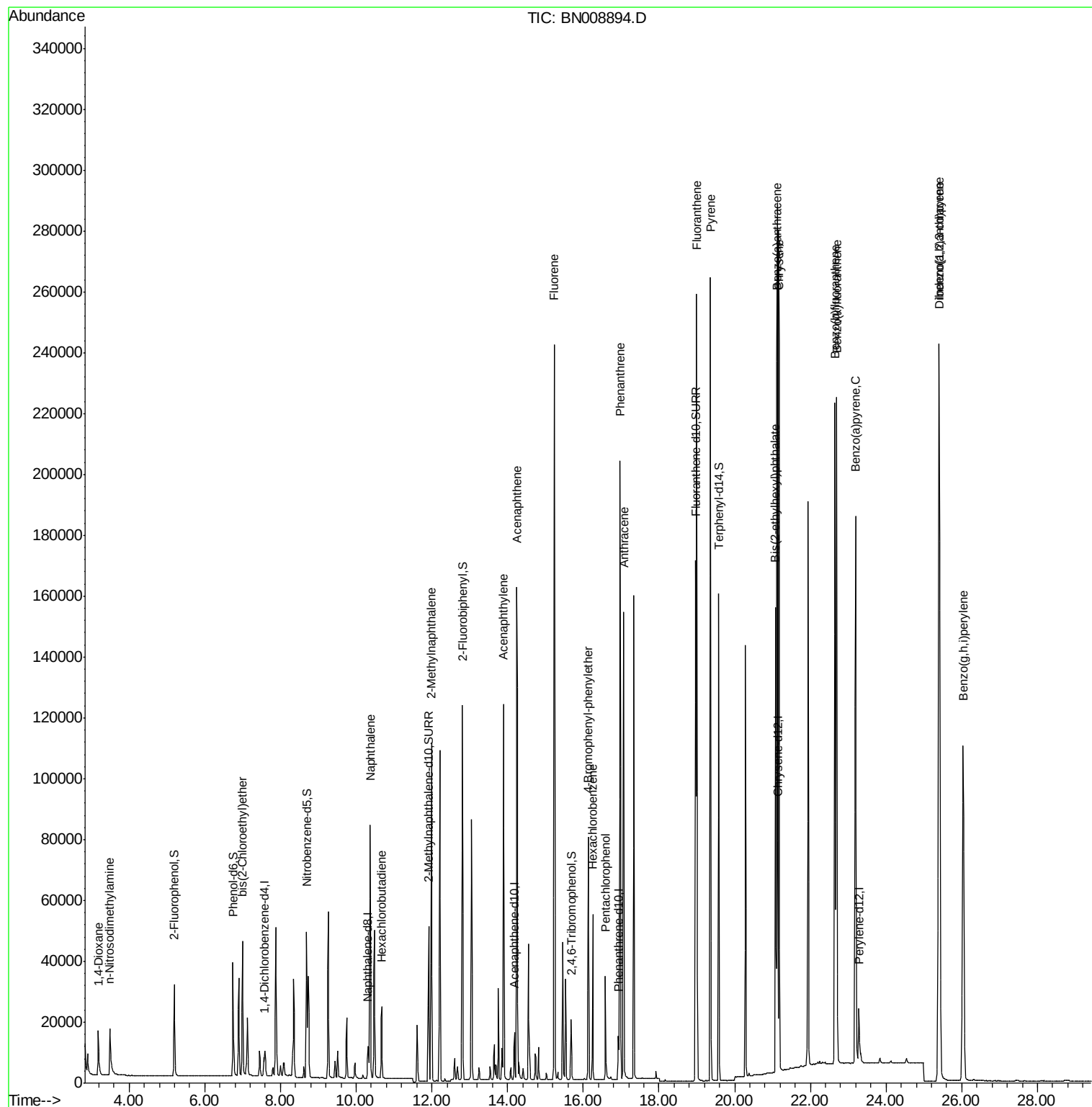
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	9188	3.288	ng	98
3) n-Nitrosodimethylamine	3.49	42	13788	3.570	ng	# 96
6) bis(2-Chloroethyl)ether	7.00	93	30983	3.211	ng	97
9) Naphthalene	10.37	128	108055	3.285	ng	98
10) Hexachlorobutadiene	10.67	225	20640	3.183	ng	# 100
12) 2-Methylnaphthalene	11.99	142	80176	3.306	ng	99
16) Acenaphthylene	13.90	152	133246	3.355	ng	100
17) Acenaphthene	14.24	154	83909	3.330	ng	99
18) Fluorene	15.23	166	112127	3.355	ng	100
20) 4-Bromophenyl-phenylether	16.13	248	36913	3.434	ng	# 90
21) Hexachlorobenzene	16.25	284	40372	3.255	ng	100
22) Pentachlorophenol	16.59	266	16618	3.345	ng	97
23) Phenanthrene	16.97	178	191287	3.413	ng	100
24) Anthracene	17.07	178	175898	3.418	ng	100
26) Fluoranthene	19.00	202	233769	3.464	ng	100
28) Pyrene	19.36	202	234003	3.211	ng	100
30) Benzo(a)anthracene	21.12	228	247180	3.274	ng	99
31) Chrysene	21.17	228	246406	3.363	ng	96
32) Bis(2-ethylhexyl)phthalate	21.08	149	115541	2.296	ng	100
33) Indeno(1,2,3-cd)pyrene	25.39	276	266448	2.945	ng	99
35) Benzo(b)fluoranthene	22.65	252	255927	3.545	ng	# 94
36) Benzo(k)fluoranthene	22.69	252	250943	3.538	ng	# 94
37) Benzo(a)pyrene	23.19	252	232264	3.411	ng	# 93
38) Dibenzo(a,h)anthracene	25.41	278	215919	3.105	ng	97
39) Benzo(g,h,i)perylene	26.04	276	211744	3.007	ng	99

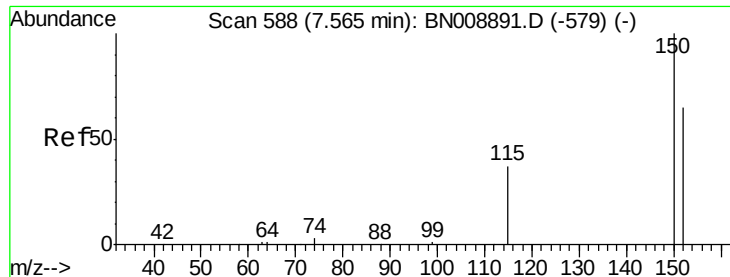
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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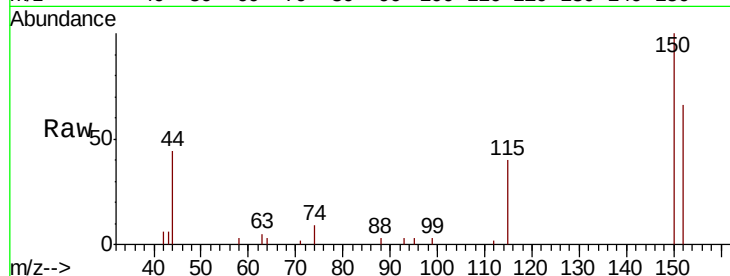


#1

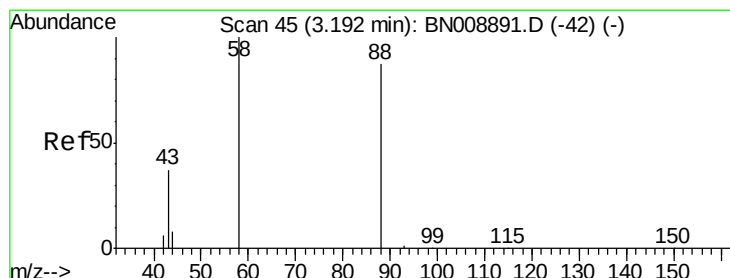
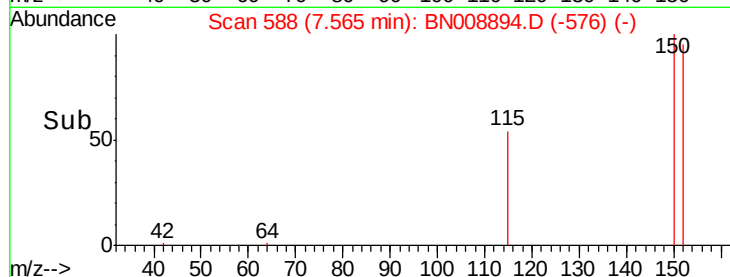
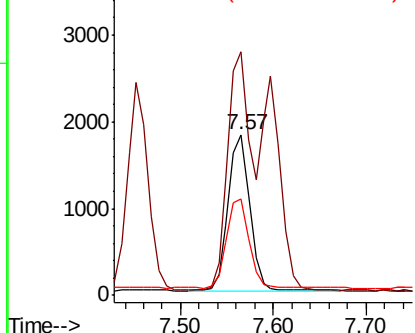
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 2909
Ion Ratio Lower Upper
152 100
150 151.5 122.3 183.5
115 60.0 48.4 72.6



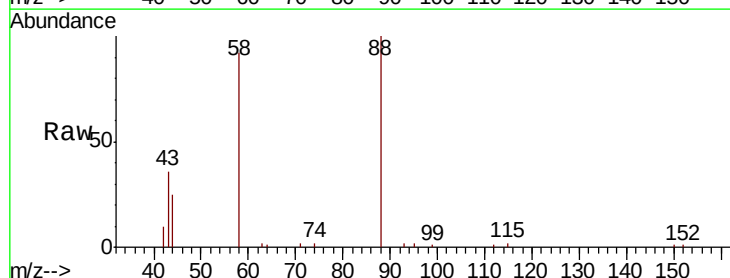
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



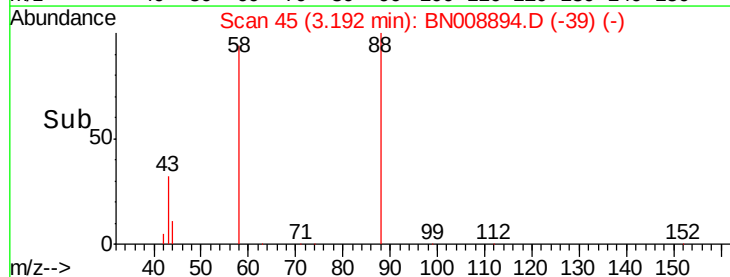
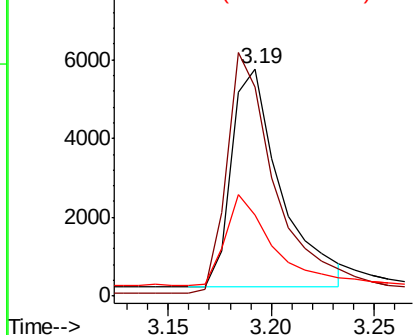
#2

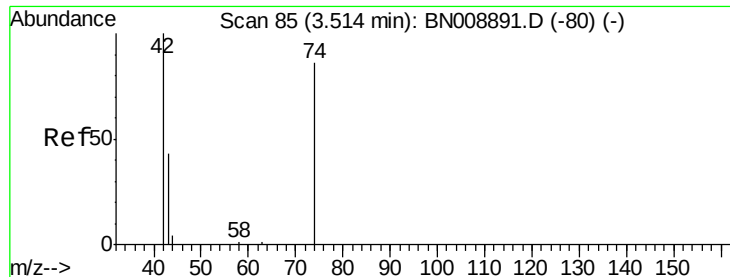
1,4-Dioxane
Concen: 3.288 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion: 88 Resp: 9188
Ion Ratio Lower Upper
88 100
58 108.0 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



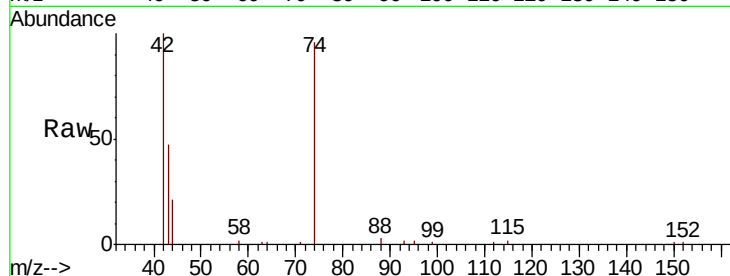


#3

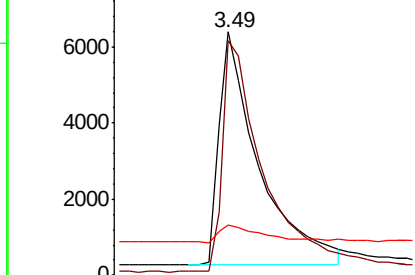
n-Nitrosodimethylamine
 Concen: 3.570 ng
 RT: 3.49 min Scan# 82
 Delta R.T. -0.02 min
 Lab File: BN008894.D
 Acq: 09 Dec 2019 15:42

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

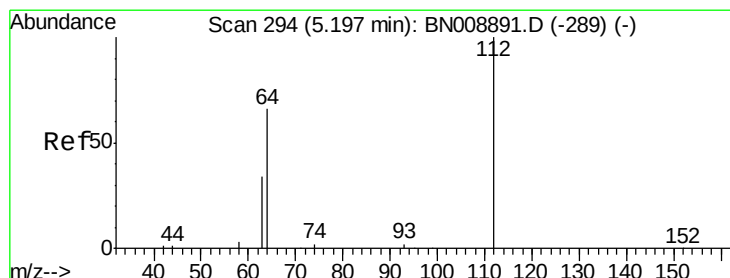
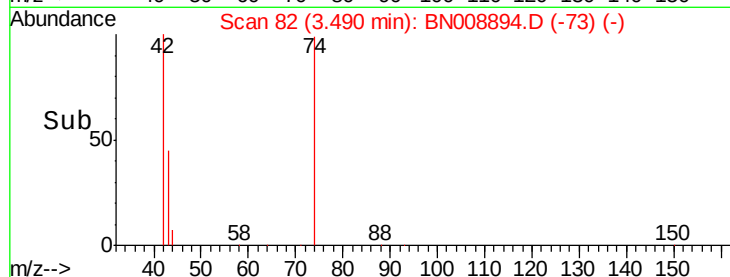
Tot Ion: 42 Resp: 13788
 Ion Ratio Lower Upper
 42 100
 74 102.2 78.6 117.8
 44 7.7 0.0 0.0#



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



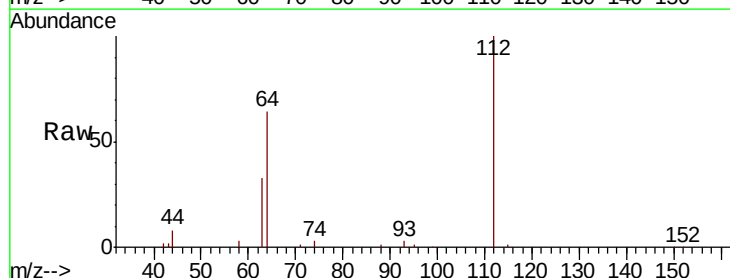
Time--> 3.40 3.45 3.50 3.55 3.60



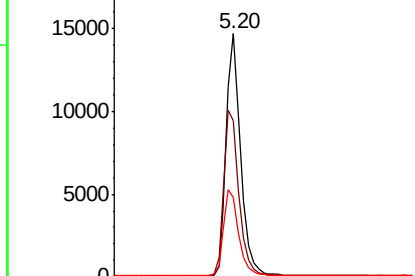
#4

2-Fluorophenol
 Concen: 3.019 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN008894.D
 Acq: 09 Dec 2019 15:42

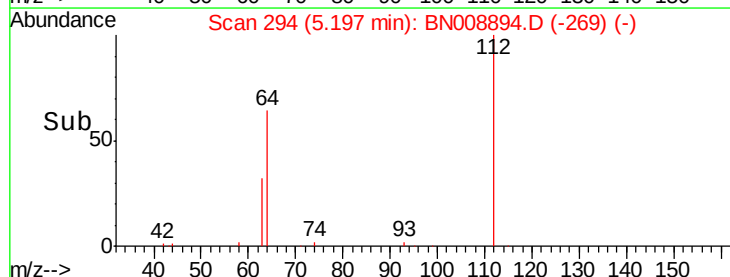
Tgt Ion: 112 Resp: 23772
 Ion Ratio Lower Upper
 112 100
 64 71.7 57.7 86.5
 63 37.0 29.6 44.4

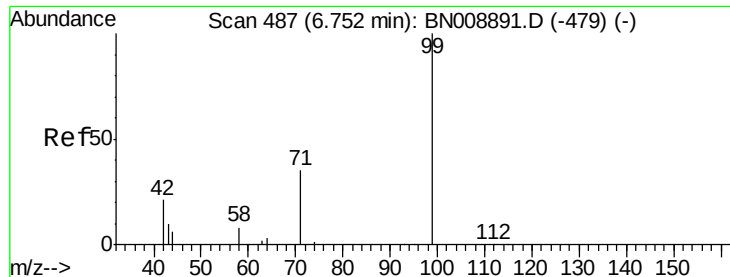


Abundance Ion 112.00 (111.70 to 112.70): BNC
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC



Time--> 5.10 5.20 5.30 5.40





#5

Phenol-d6

Concen: 3.166 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

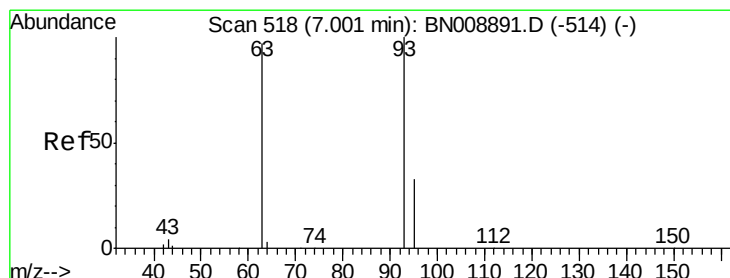
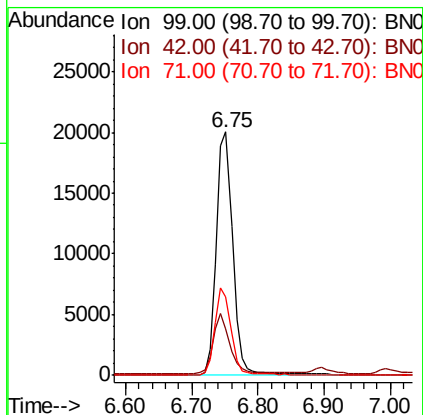
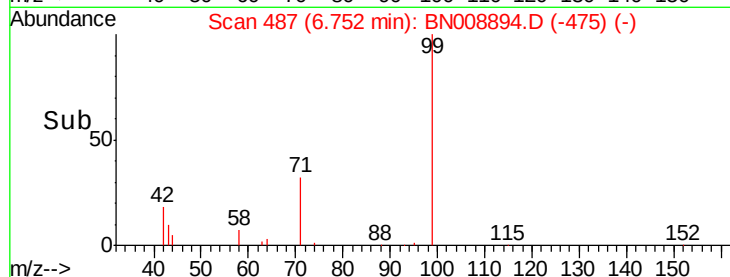
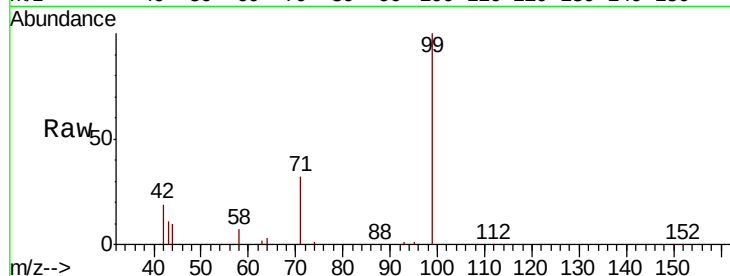
Tot Ion: 99 Resp: 33967

Ion Ratio Lower Upper

99 100

42 24.7 20.1 30.1

71 35.1 28.2 42.2



#6

bis(2-Chloroethyl)ether

Concen: 3.211 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

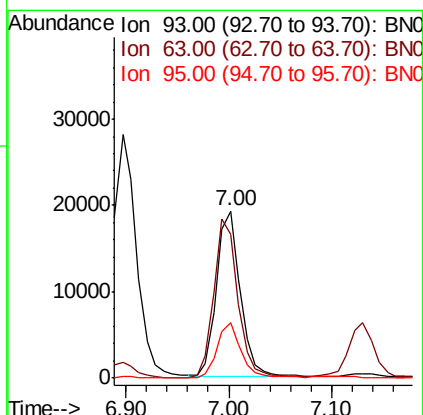
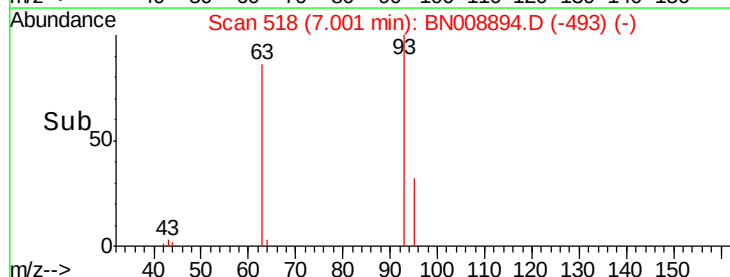
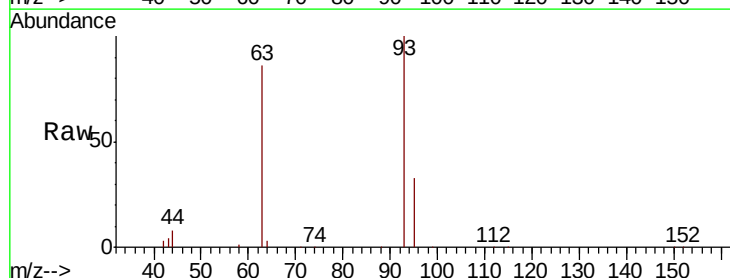
Tgt Ion: 93 Resp: 30983

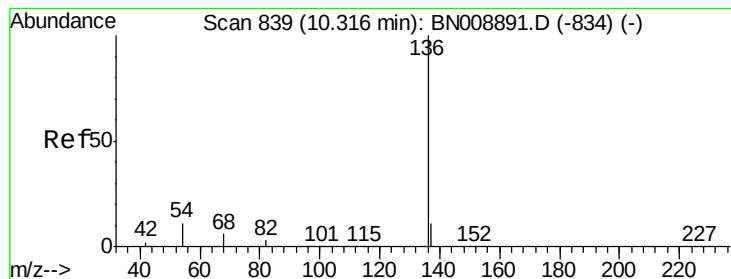
Ion Ratio Lower Upper

93 100

63 95.6 73.5 110.3

95 32.3 26.0 39.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 12335

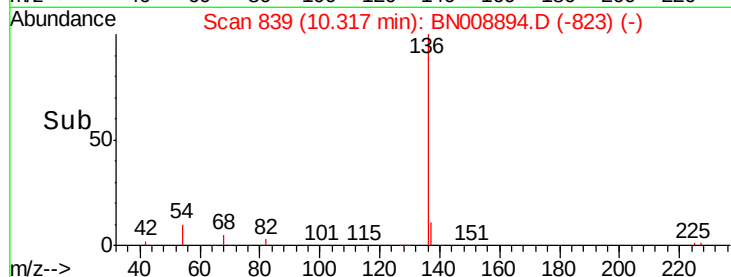
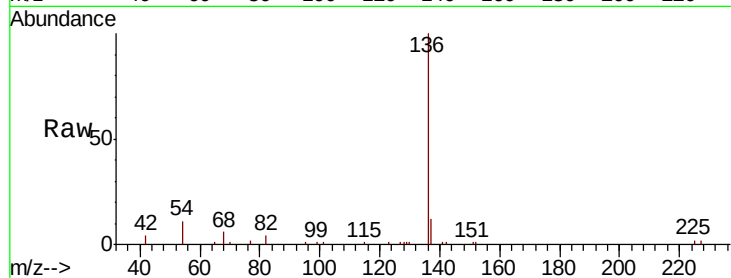
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 10.9 9.6 14.4

68 6.3 5.6 8.4

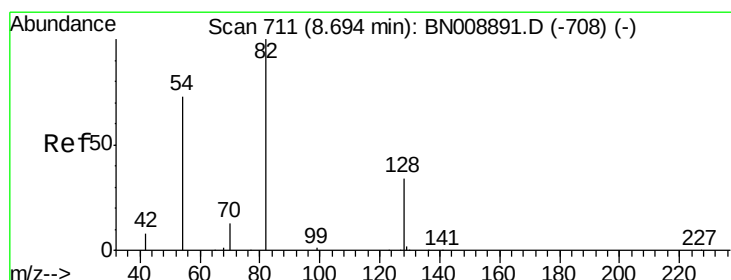
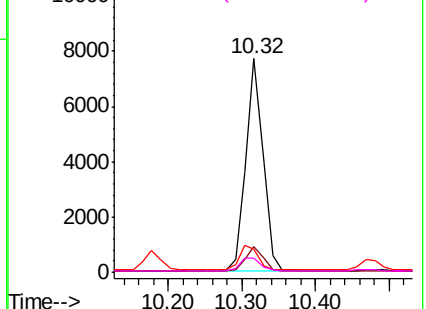


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.212 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

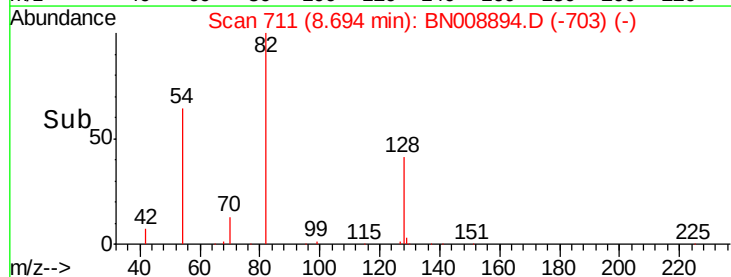
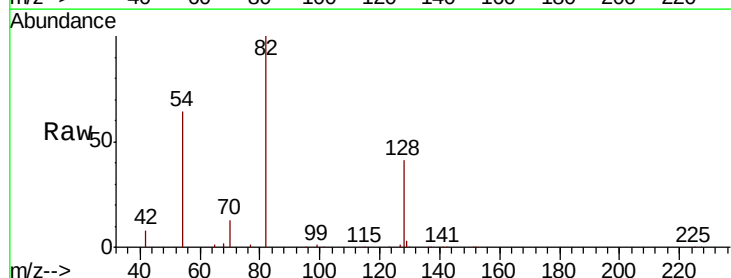
Tgt Ion: 82 Resp: 34966

Ion Ratio Lower Upper

82 100

128 41.0 29.1 43.7

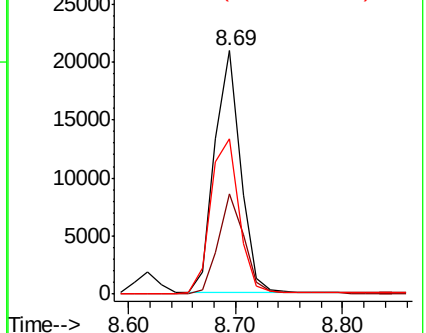
54 64.0 59.7 89.5

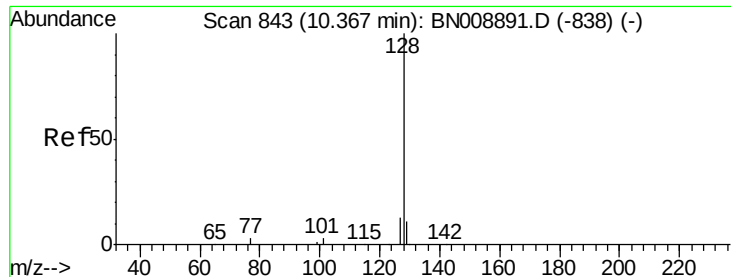


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.285 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

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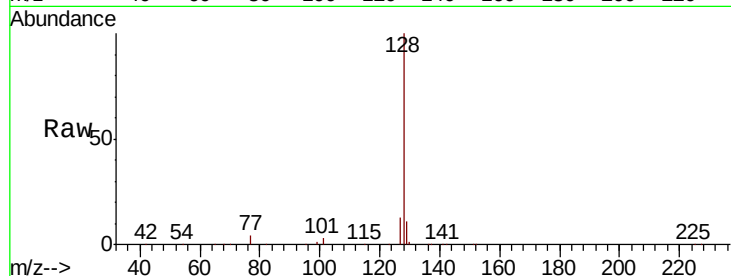
Tot Ion:128 Resp: 108055

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

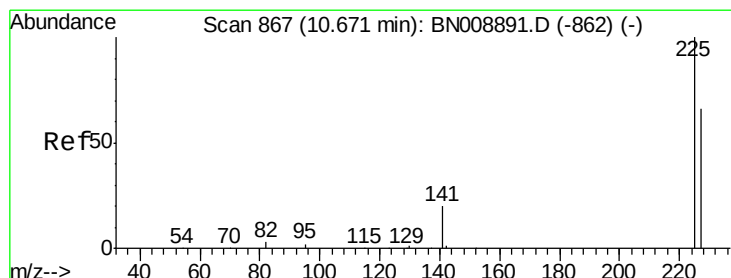
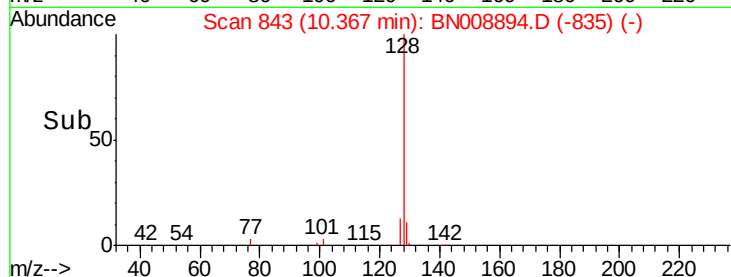
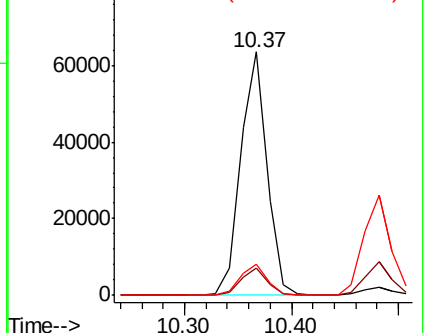
127 12.8 10.8 16.2



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: 3.183 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

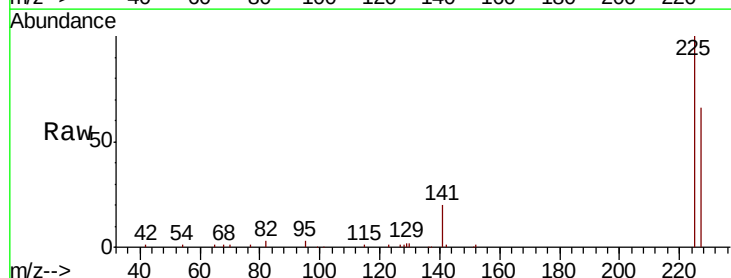
Tgt Ion:225 Resp: 20640

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

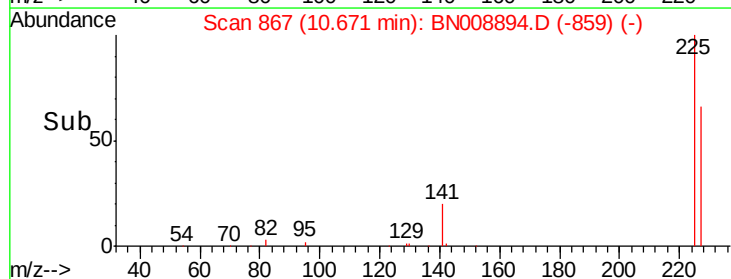
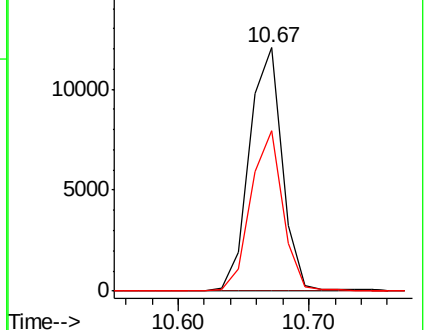
227 63.9 51.4 77.2

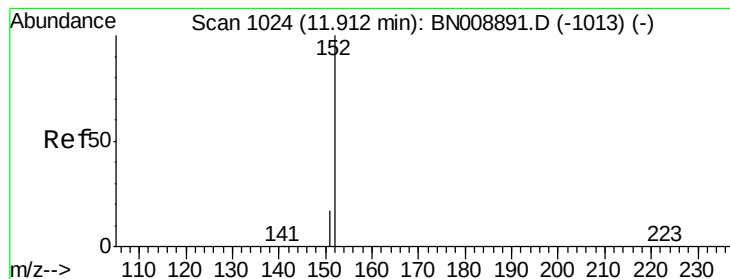


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.327 ng

RT: 11.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

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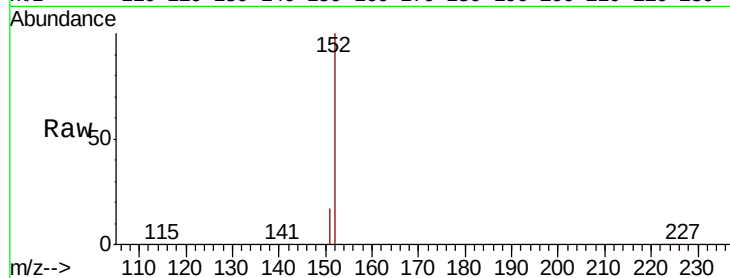
SSTDICC3.2

Tot Ion:152 Resp: 68079

Ion Ratio Lower Upper

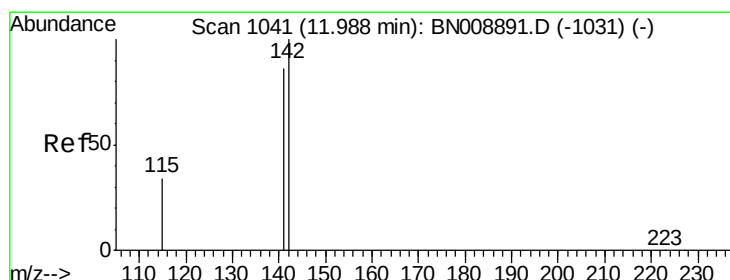
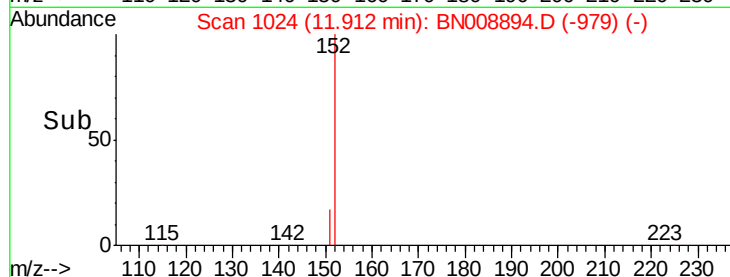
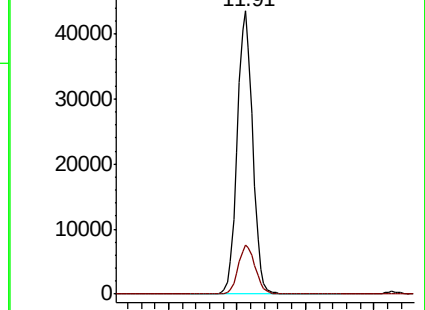
152 100

151 18.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.306 ng

RT: 11.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

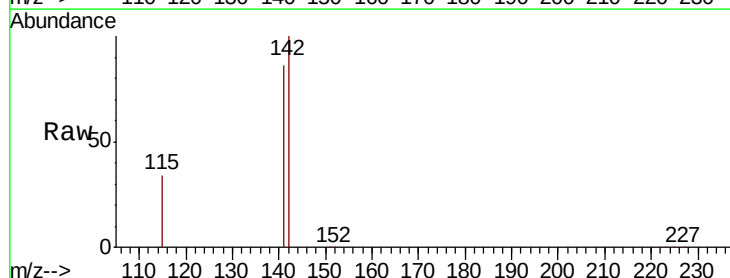
Tgt Ion:142 Resp: 80176

Ion Ratio Lower Upper

142 100

141 86.1 69.3 103.9

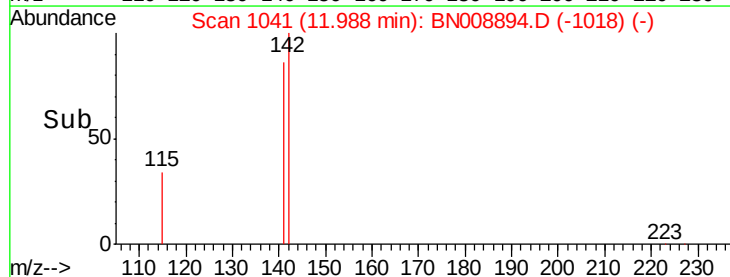
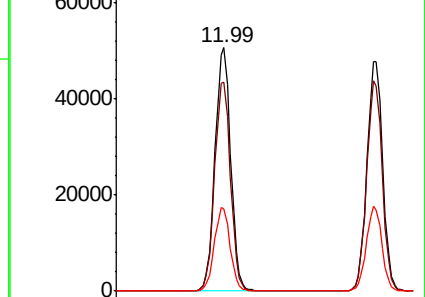
115 33.8 27.9 41.9

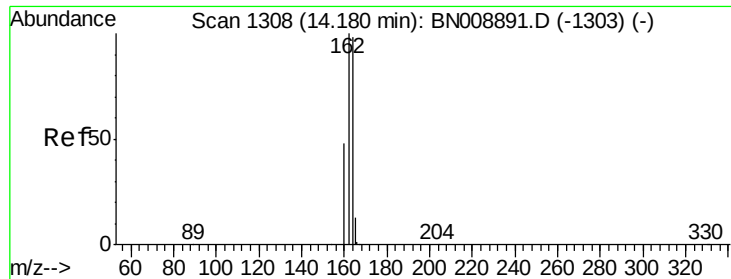


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

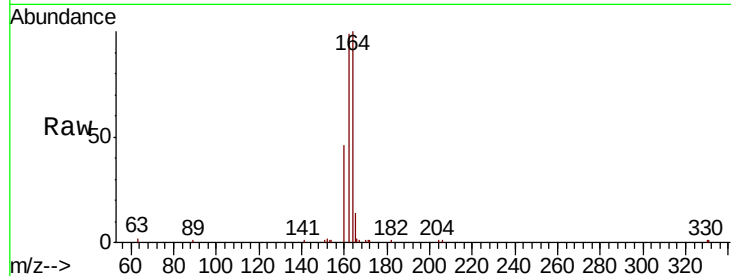
Tot Ion:164 Resp: 8515

Ion Ratio Lower Upper

164 100

162 99.2 81.9 122.9

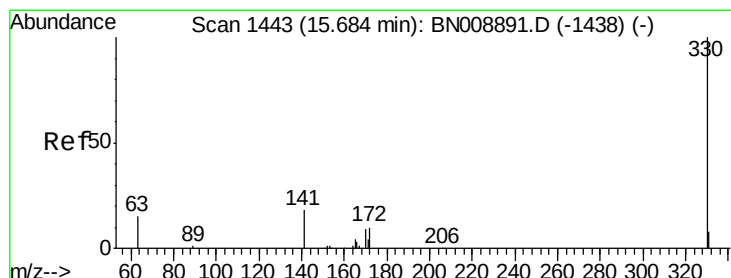
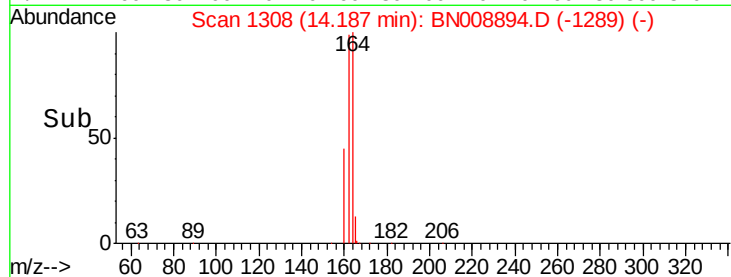
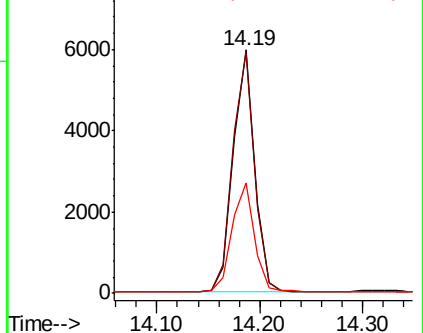
160 45.5 39.3 58.9



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: 3.106 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

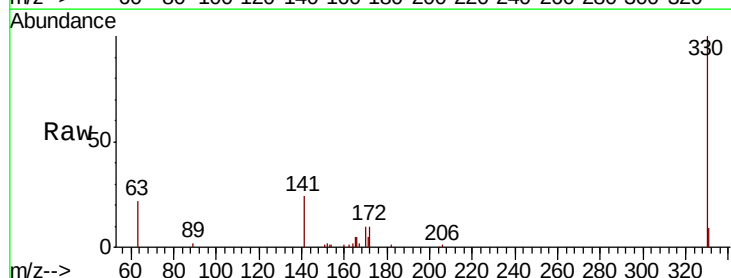
Tgt Ion:330 Resp: 14391

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

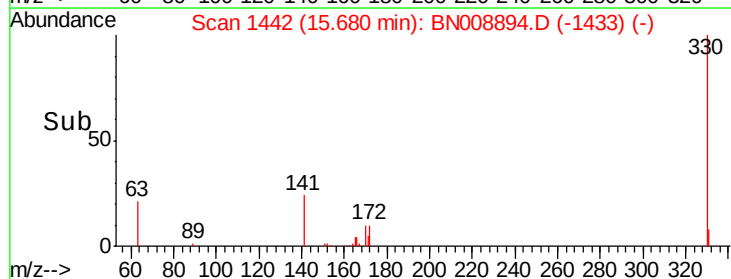
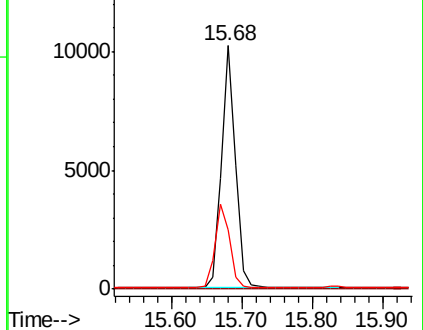
141 36.2 29.6 44.4

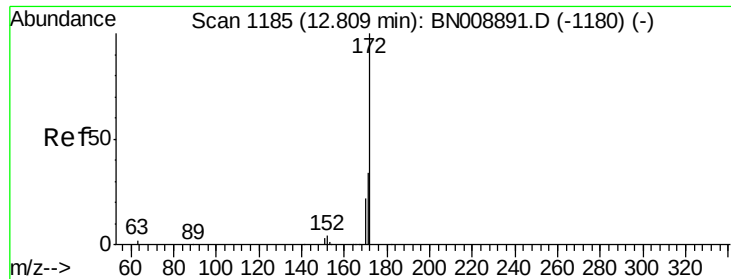


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

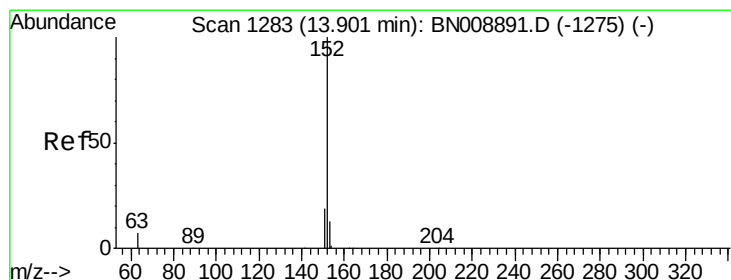
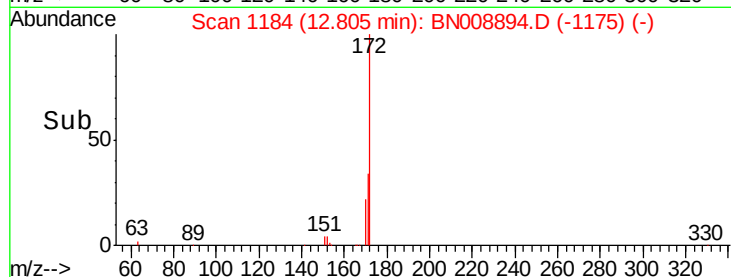
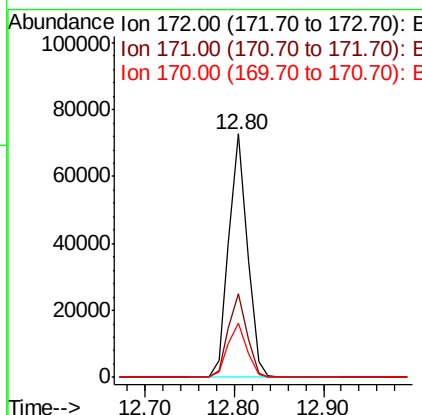
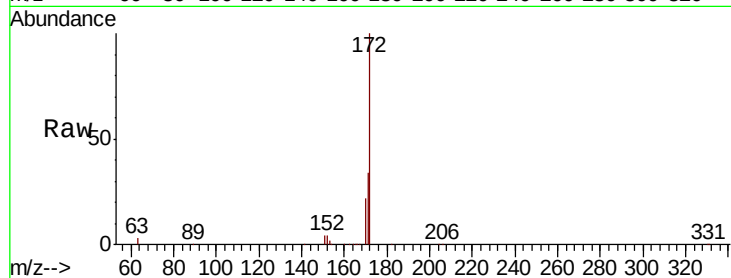




#15
2-Fluorobiphenyl
Concen: 3.304 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

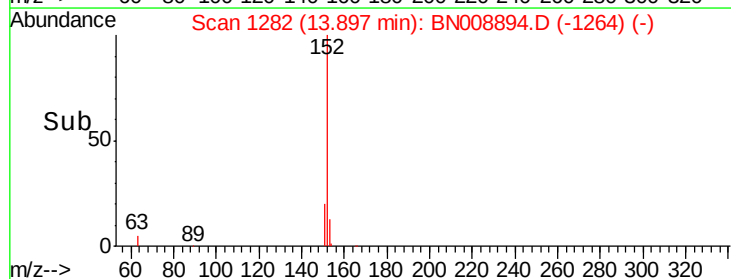
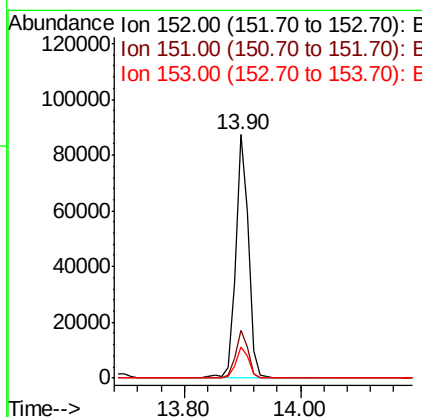
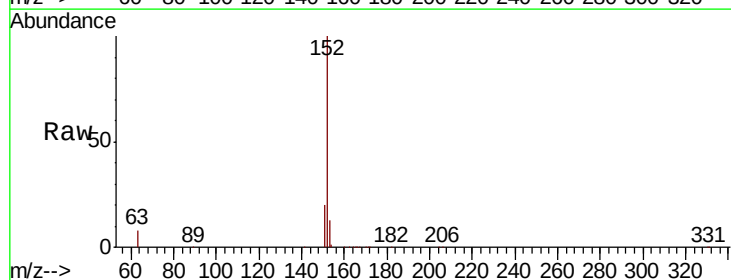
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

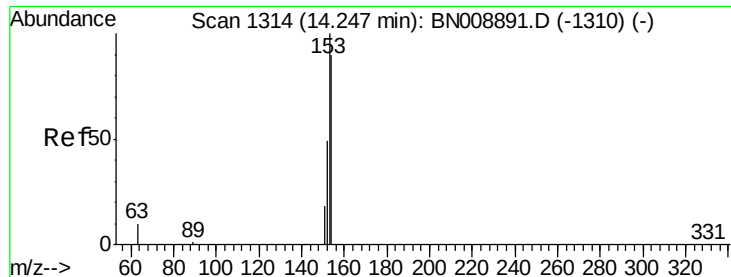
Tot Ion:172 Resp: 105439
Ion Ratio Lower Upper
172 100
171 34.1 27.1 40.7
170 22.2 17.7 26.5



#16
Acenaphthylene
Concen: 3.355 ng
RT: 13.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BN008894.D
Acq: 09 Dec 2019 15:42

Tgt Ion:152 Resp: 133246
Ion Ratio Lower Upper
152 100
151 19.2 15.3 22.9
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 3.330 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

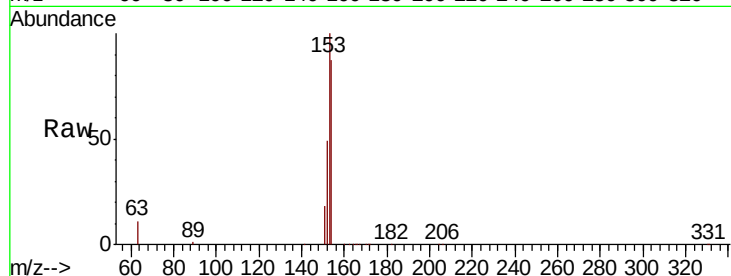
Tot Ion:154 Resp: 83909

Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

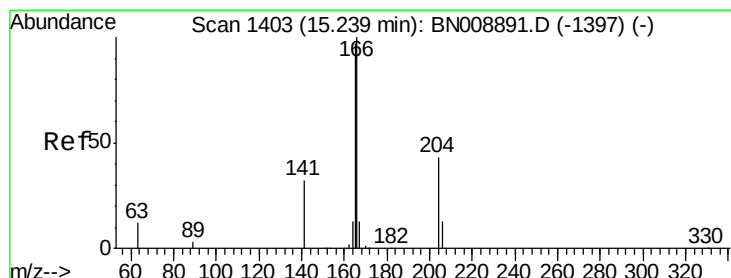
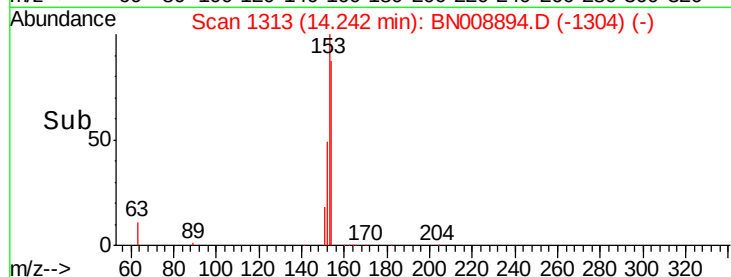
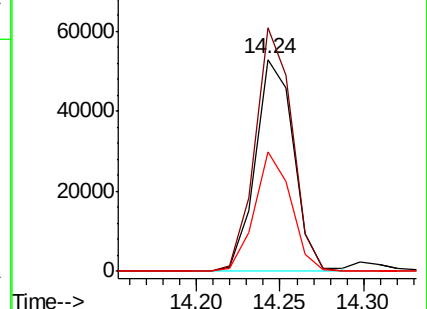
152 54.0 44.2 66.4



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: 3.355 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

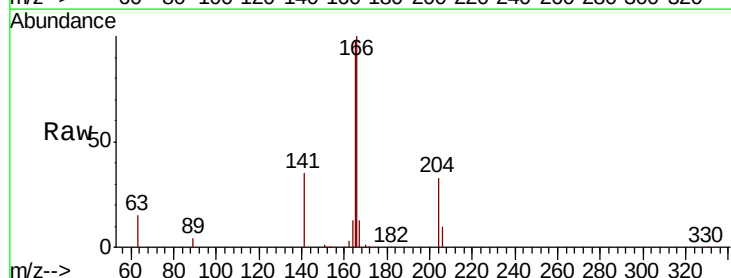
Tgt Ion:166 Resp: 112127

Ion Ratio Lower Upper

166 100

165 96.4 77.3 115.9

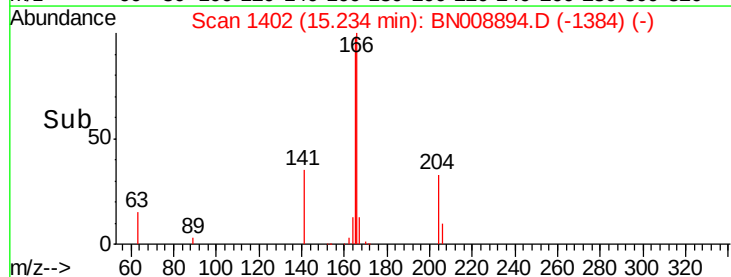
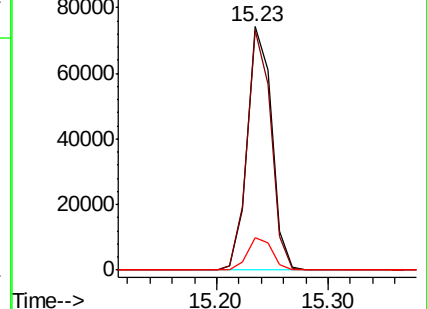
167 13.4 10.8 16.2

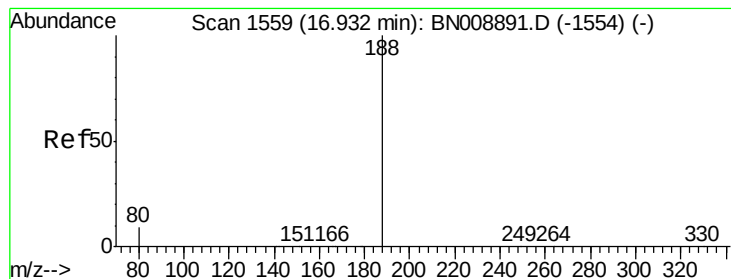


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1558

Delta R.T. -0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

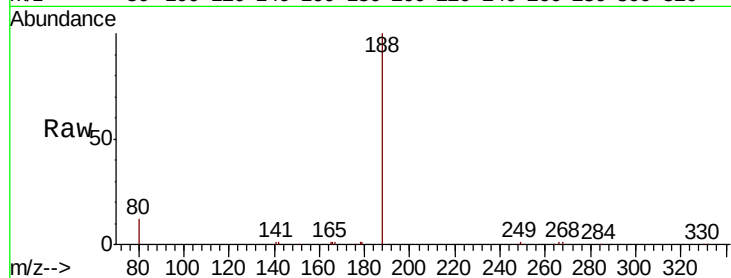
Tot Ion:188 Resp: 18360

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

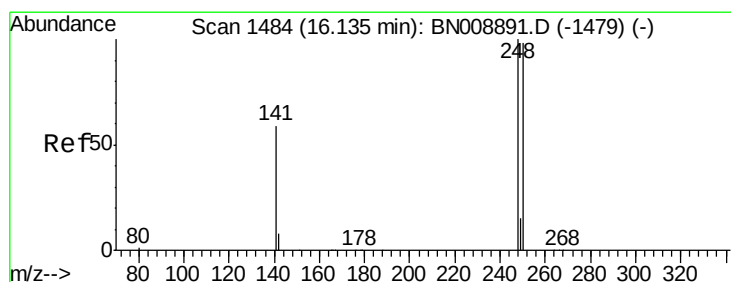
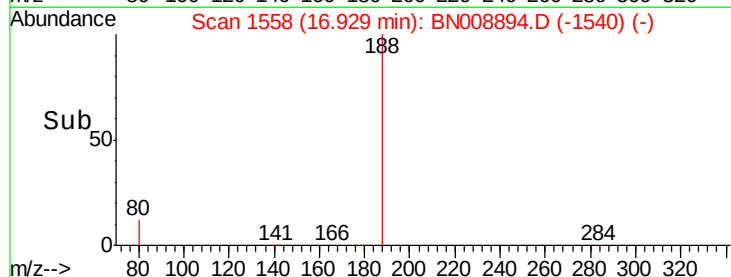
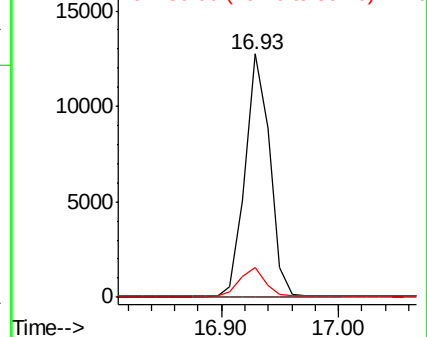
80 12.4 7.3 10.9#



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: 3.434 ng

RT: 16.13 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

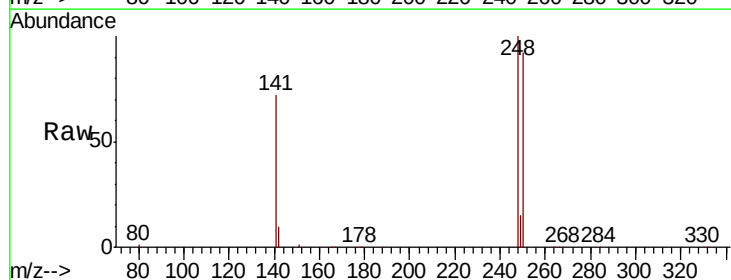
Tgt Ion:248 Resp: 36913

Ion Ratio Lower Upper

248 100

250 91.8 78.7 118.1

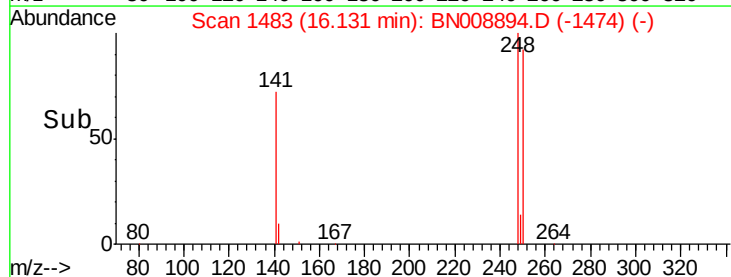
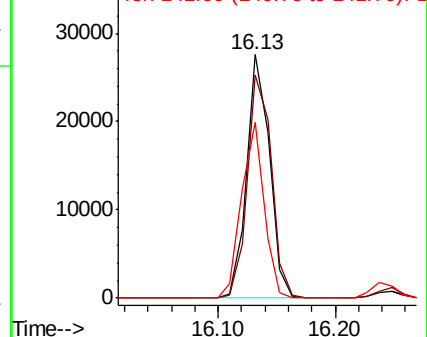
141 71.9 47.9 71.9#

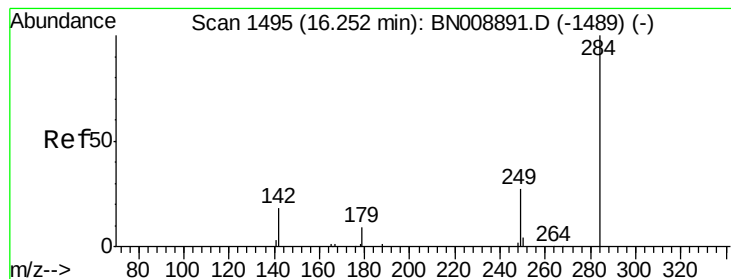


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.255 ng

RT: 16.25 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

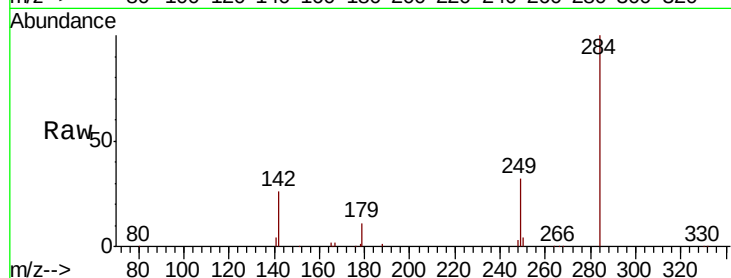
Tot Ion:284 Resp: 40372

Ion Ratio Lower Upper

284 100

142 34.8 27.8 41.6

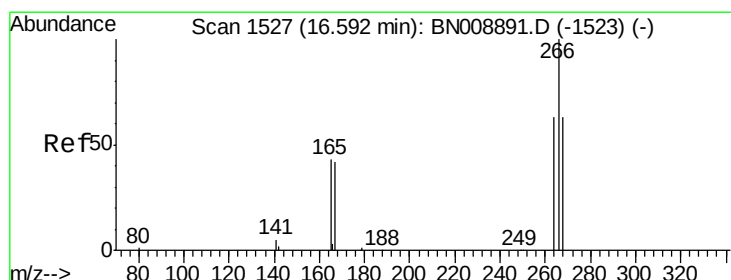
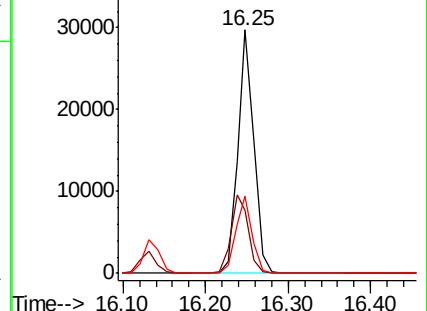
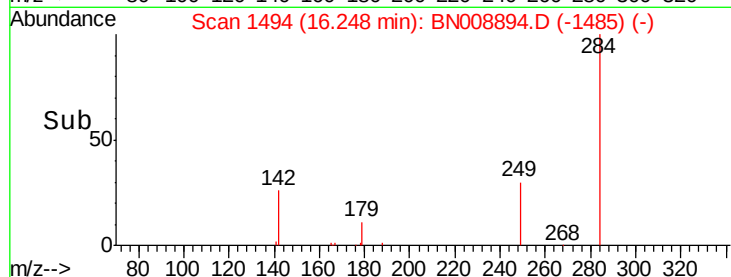
249 31.7 25.3 37.9



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: 3.345 ng

RT: 16.59 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

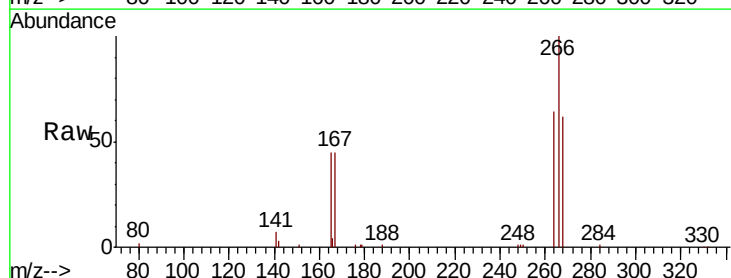
Tgt Ion:266 Resp: 16618

Ion Ratio Lower Upper

266 100

264 63.9 51.5 77.3

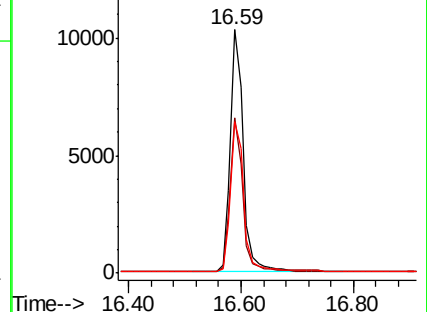
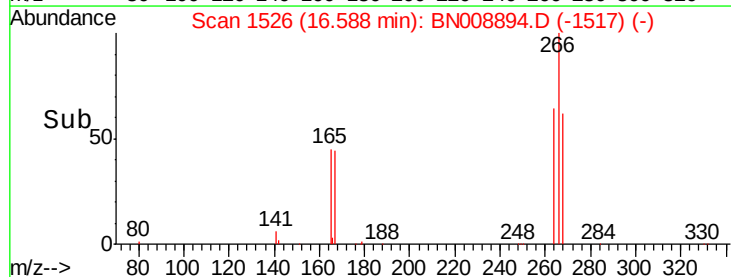
268 62.0 53.1 79.7

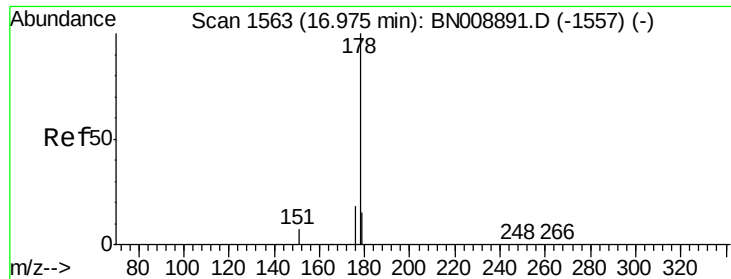


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.413 ng

RT: 16.97 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

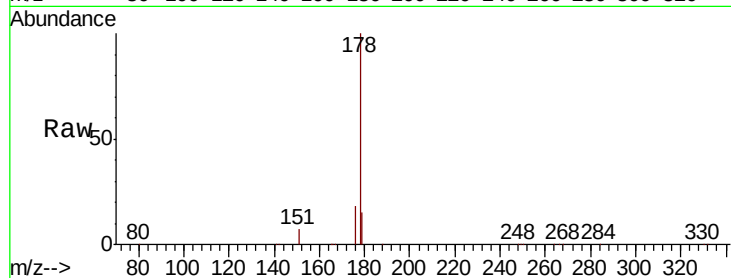
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:178 Resp: 191287

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.4	12.3	18.5

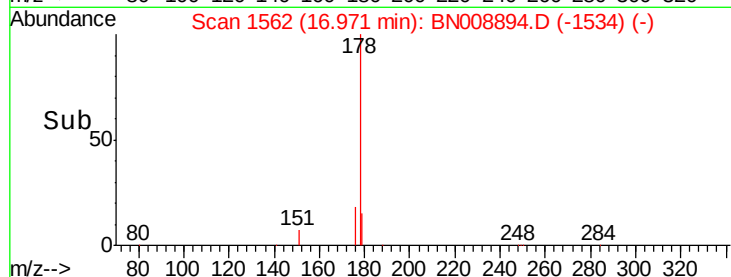
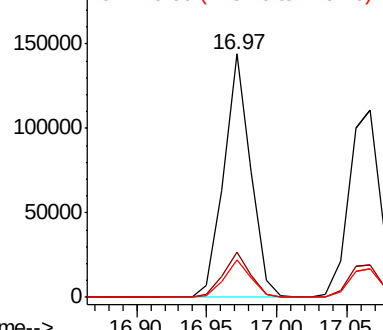


Abundance

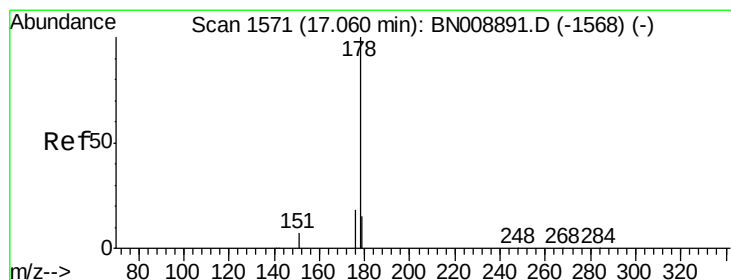
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 3.418 ng

RT: 17.07 min Scan# 1571

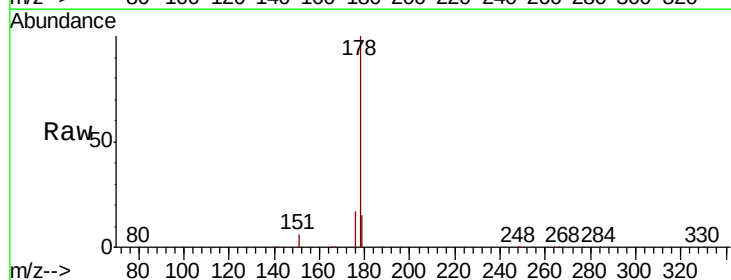
Delta R.T. 0.01 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Tgt Ion:178 Resp: 175898

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.2	12.1	18.1

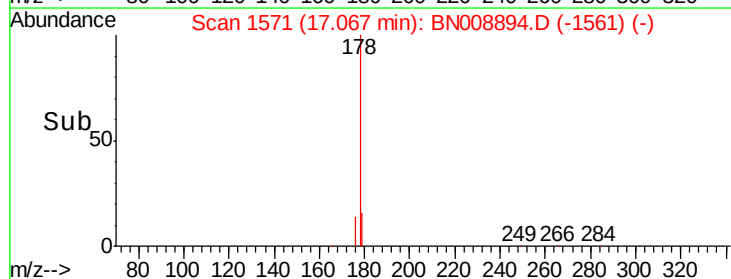
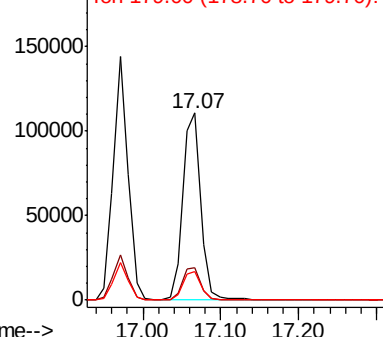


Abundance

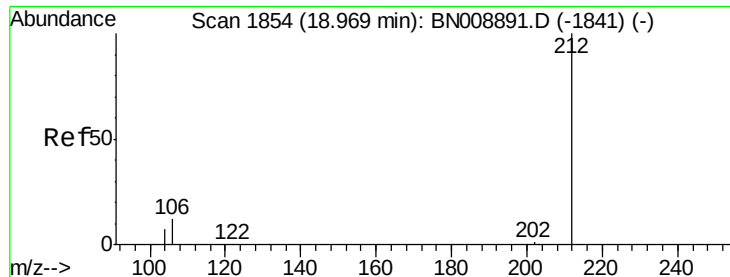
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 3.409 ng

RT: 18.97 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

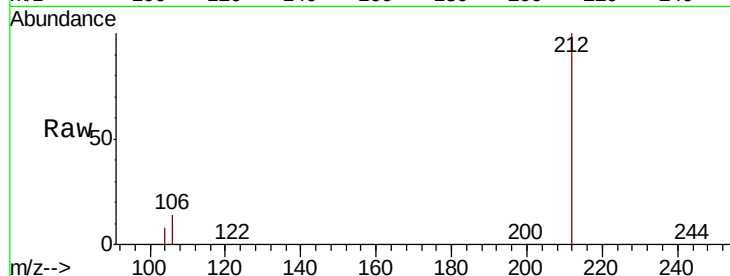
Tot Ion:212 Resp: 189548

Ion Ratio Lower Upper

212 100

106 13.2 10.4 15.6

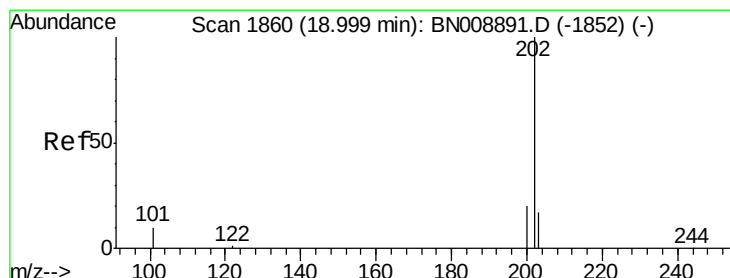
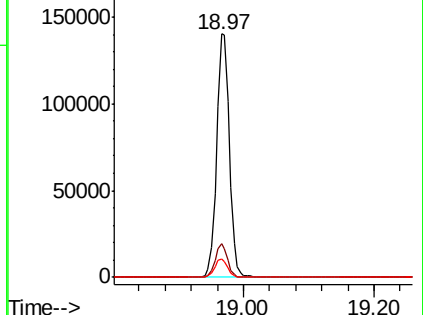
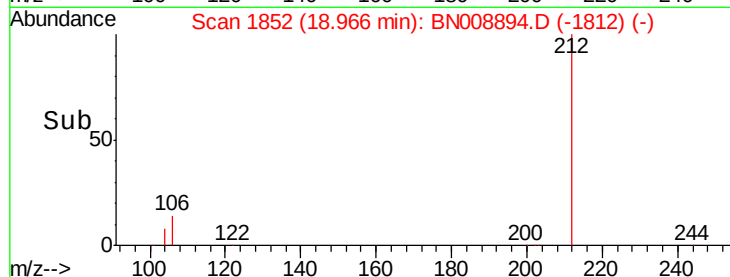
104 7.4 5.9 8.9



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: 3.464 ng

RT: 19.00 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

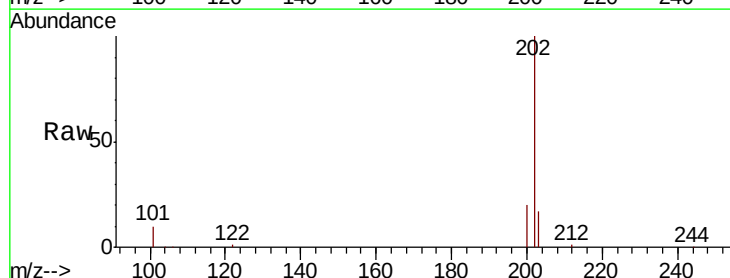
Tgt Ion:202 Resp: 233769

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

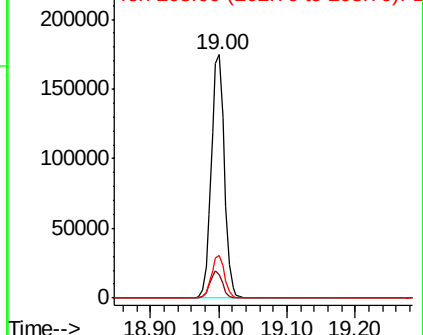
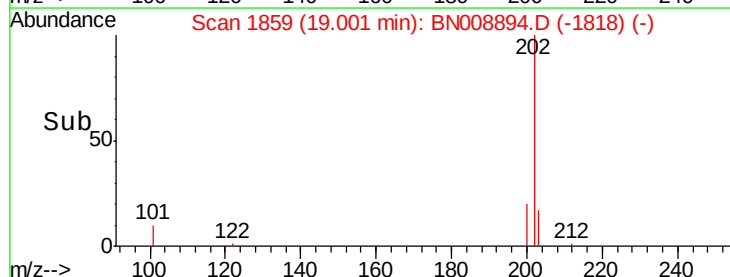
203 17.2 13.8 20.6

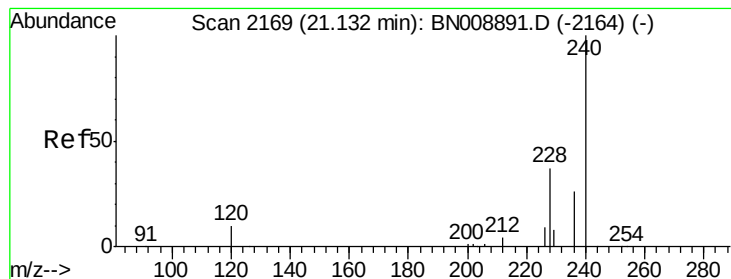


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

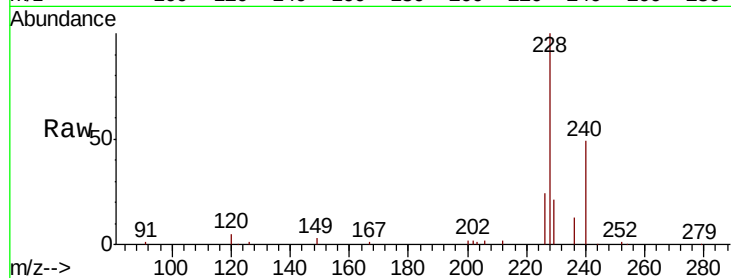
Tot Ion:240 Resp: 20887

Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

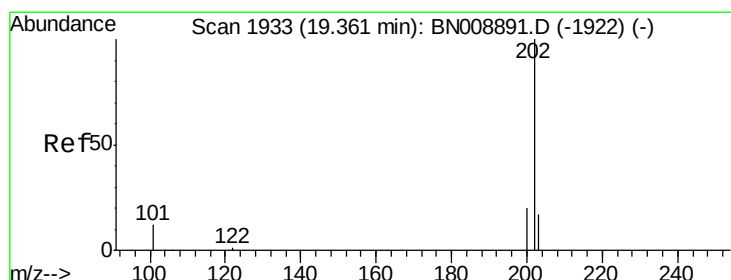
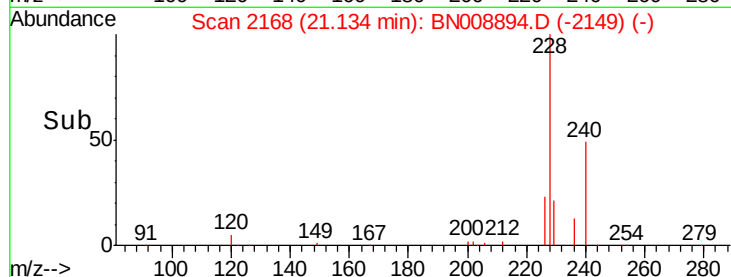
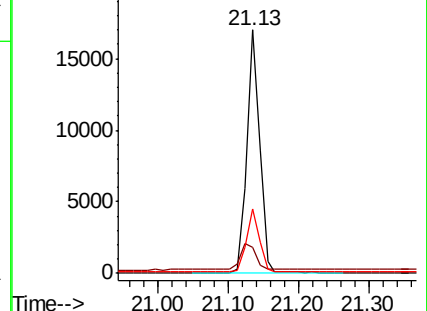
236 26.6 21.5 32.3



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: 3.211 ng

RT: 19.36 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

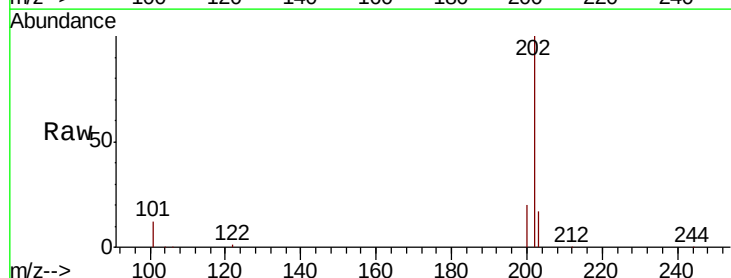
Tgt Ion:202 Resp: 234003

Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

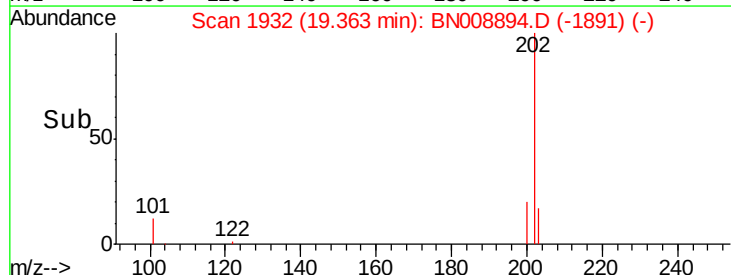
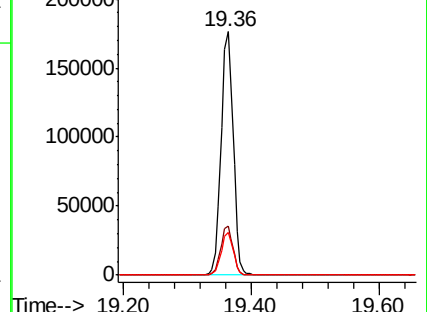
203 17.4 13.9 20.9

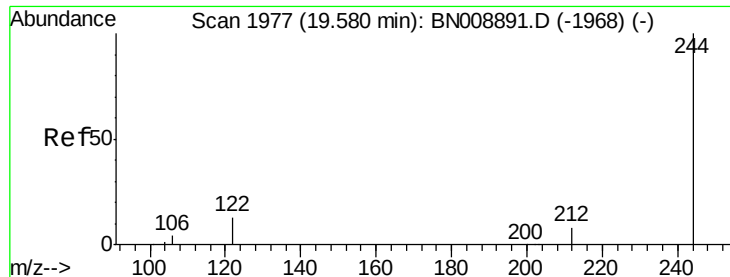


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.184 ng

RT: 19.58 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

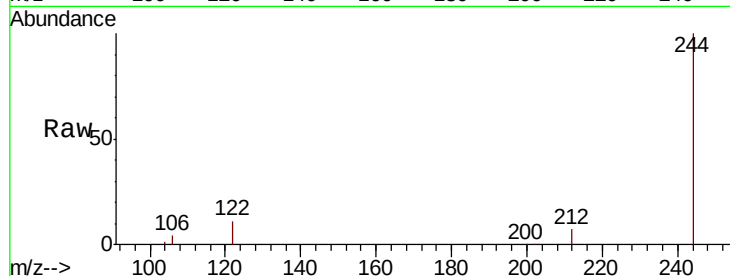
Tot Ion:244 Resp: 153159

Ion Ratio Lower Upper

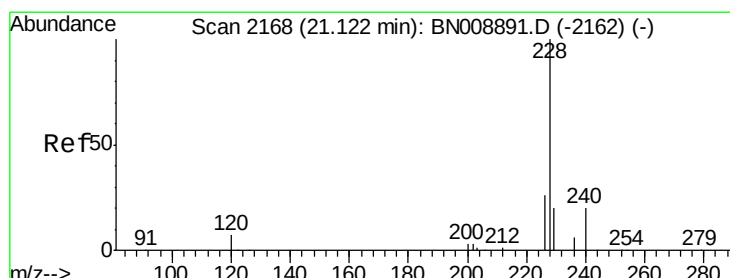
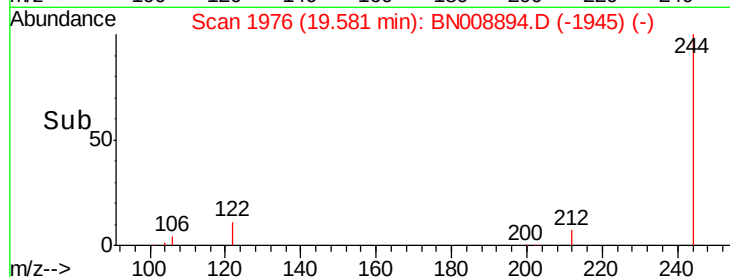
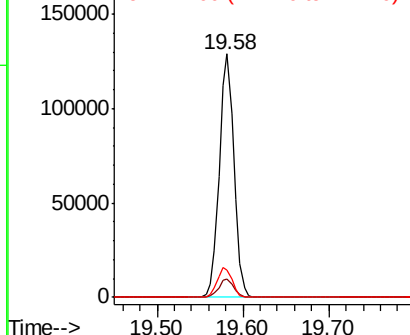
244 100

212 7.5 6.5 9.7

122 11.2 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: 3.274 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

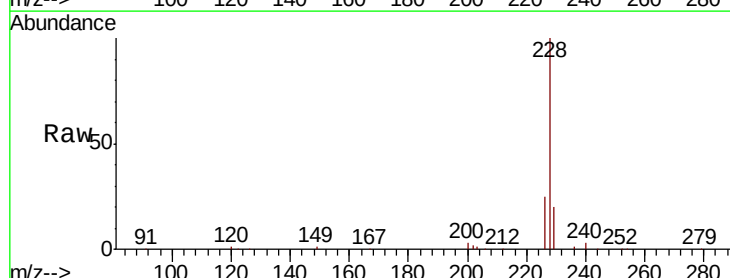
Tgt Ion:228 Resp: 247180

Ion Ratio Lower Upper

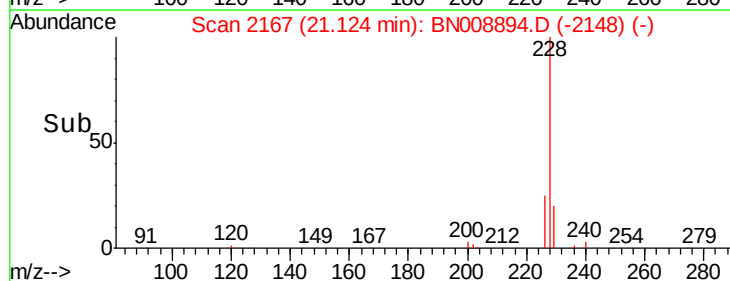
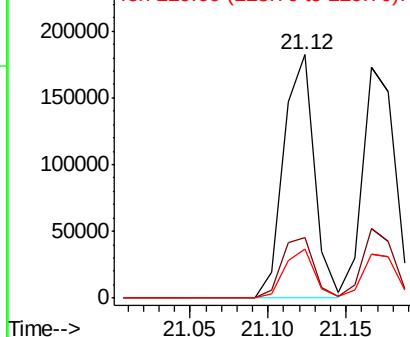
228 100

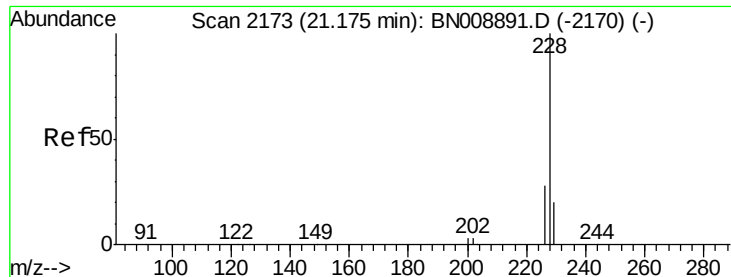
226 25.1 20.6 30.8

229 20.1 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

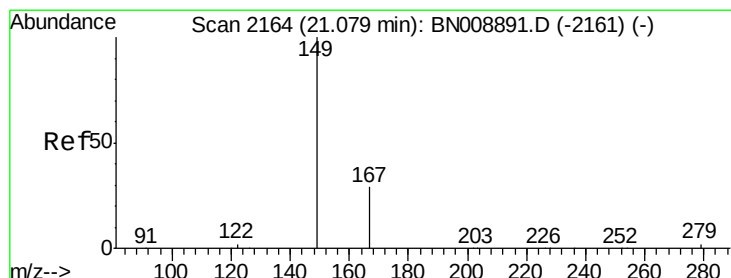
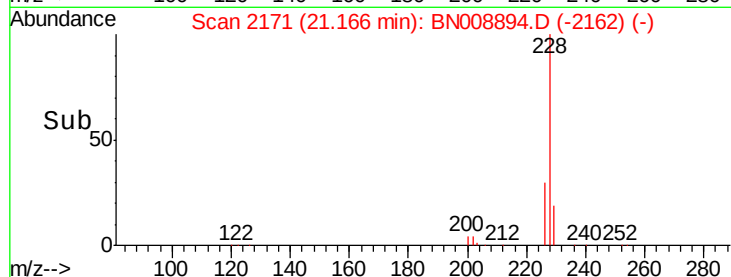
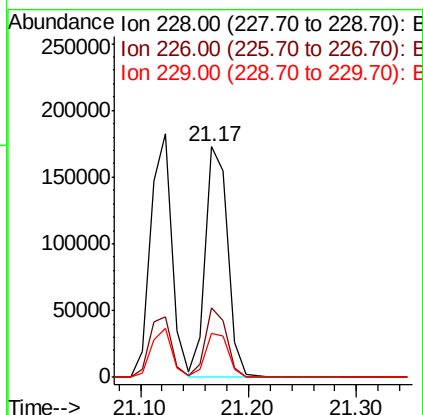
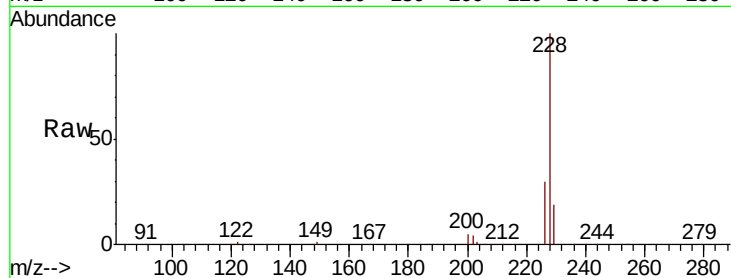




#31
 Chrysene
 Concen: 3.363 ng
 RT: 21.17 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BN008894.D
 Acq: 09 Dec 2019 15:42

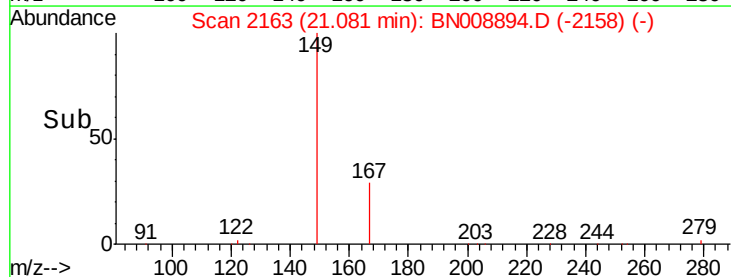
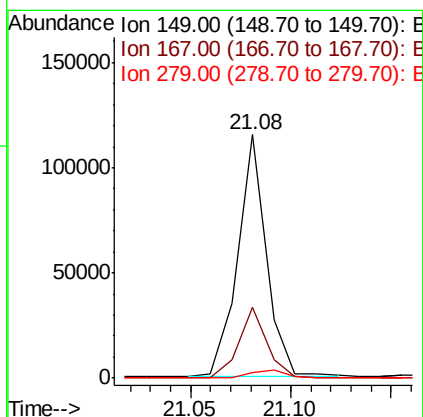
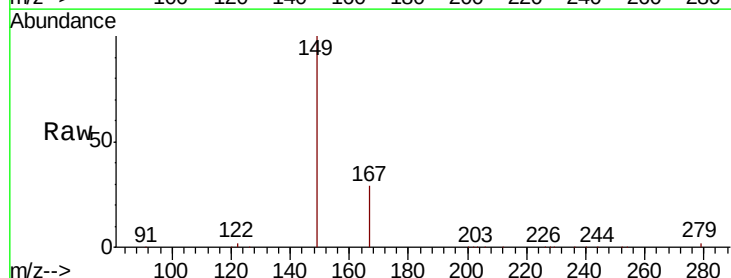
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

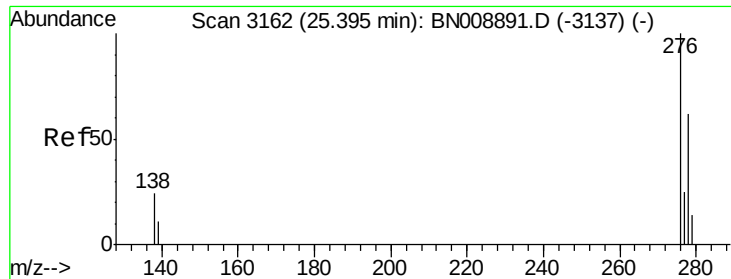
Tot Ion:228 Resp: 246406
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.2 33.4
 229 19.0 15.9 23.9



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 2.296 ng
 RT: 21.08 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BN008894.D
 Acq: 09 Dec 2019 15:42

Tgt Ion:149 Resp: 115541
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.7 34.1
 279 3.9 3.3 4.9

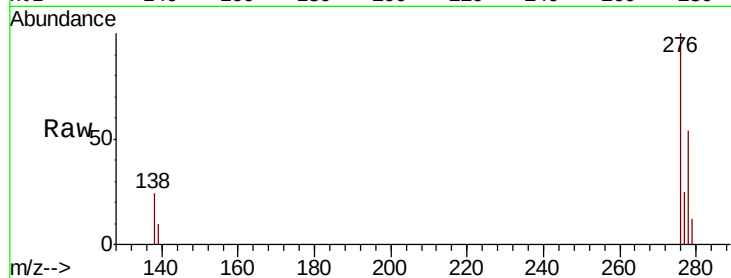




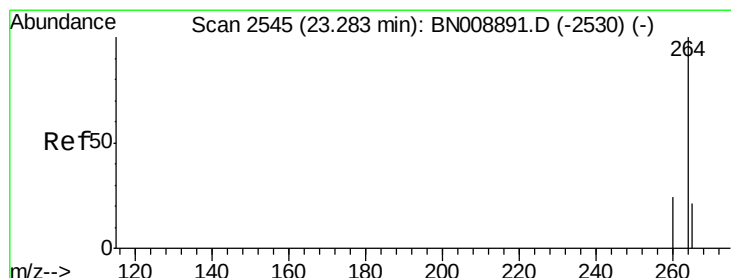
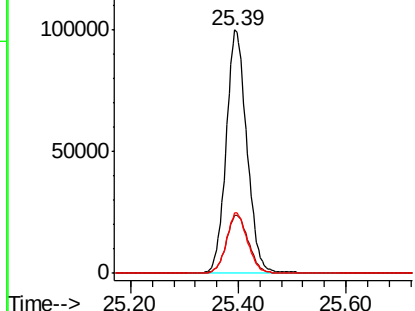
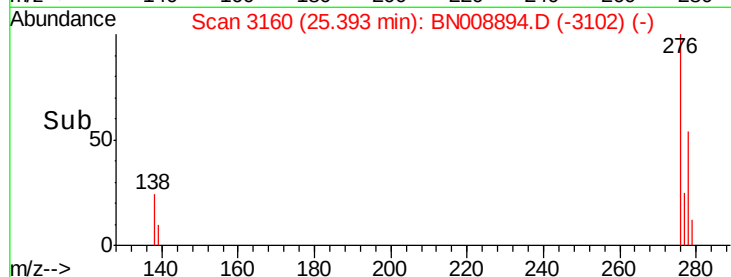
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.945 ng
 RT: 25.39 min Scan# 3160
 Delta R.T. -0.00 min
 Lab File: BN008894.D
 Acq: 09 Dec 2019 15:42

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tot Ion:276 Resp: 266448
 Ion Ratio Lower Upper
 276 100
 138 25.3 19.9 29.9
 277 24.9 19.8 29.8

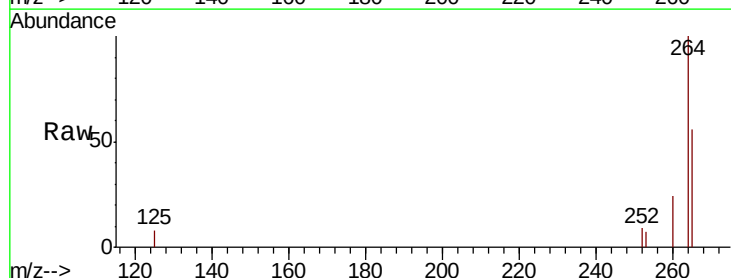


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

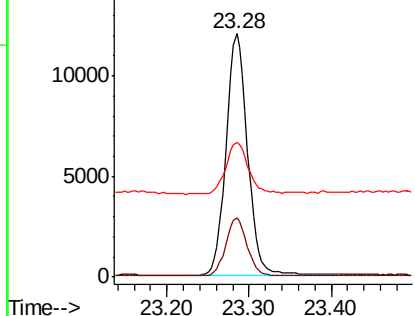
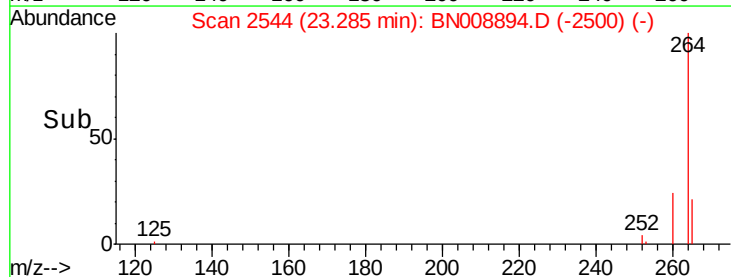


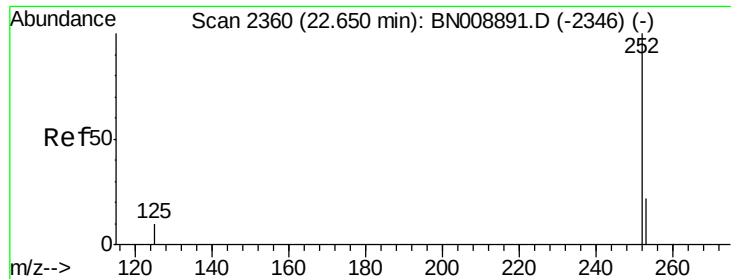
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: BN008894.D
 Acq: 09 Dec 2019 15:42

Tgt Ion:264 Resp: 21737
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 55.6 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: 3.545 ng

RT: 22.65 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

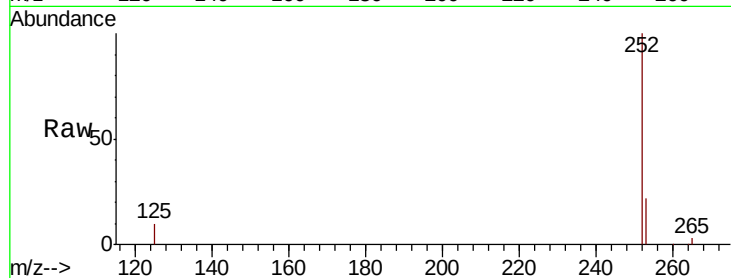
Tot Ion:252 Resp: 255927

Ion Ratio Lower Upper

252 100

253 22.0 19.8 29.6

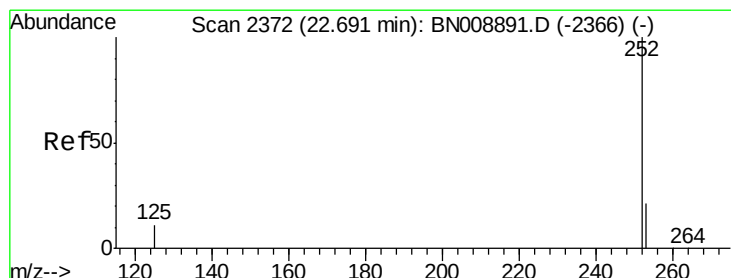
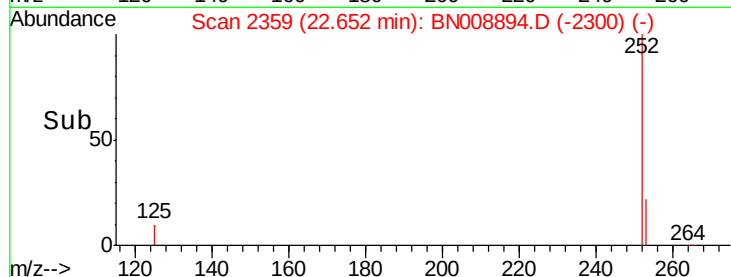
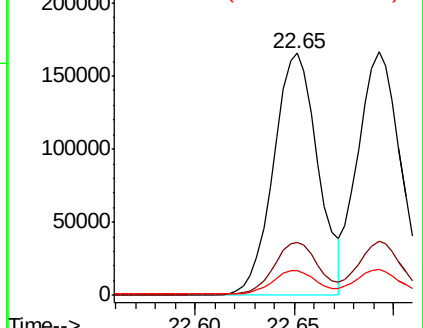
125 10.3 10.8 16.2#



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: 3.538 ng

RT: 22.69 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

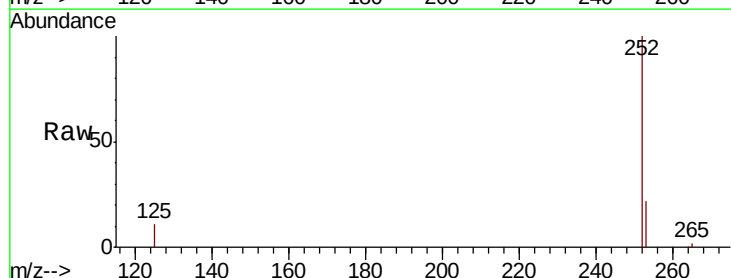
Tgt Ion:252 Resp: 250943

Ion Ratio Lower Upper

252 100

253 22.1 19.2 28.8

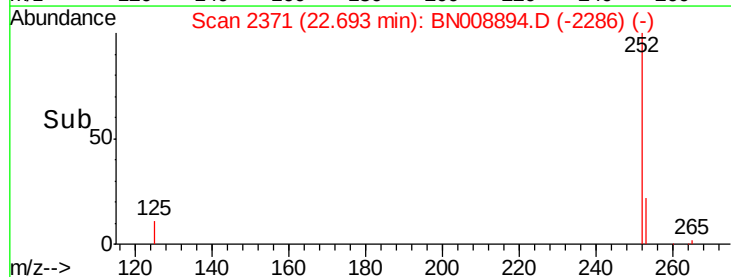
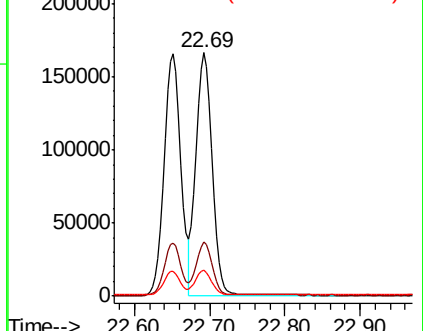
125 10.7 11.6 17.4#

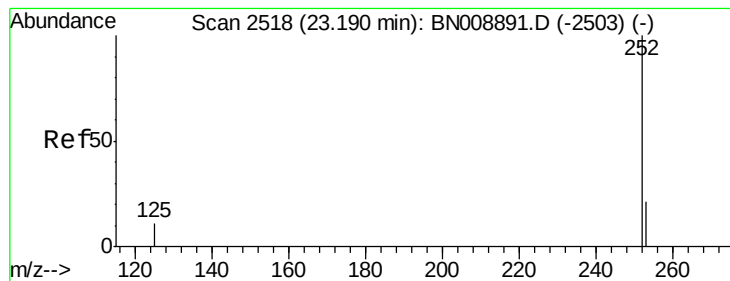


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.411 ng

RT: 23.19 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

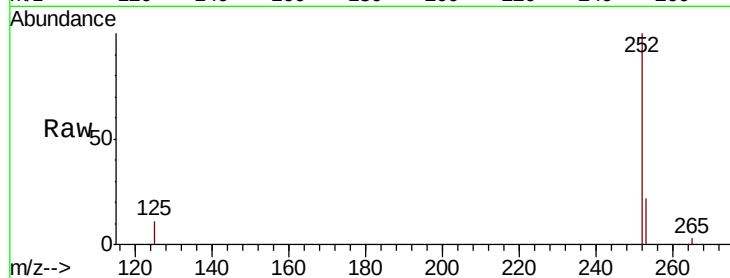
Tot Ion:252 Resp: 232264

Ion Ratio Lower Upper

252 100

253 22.1 19.9 29.9

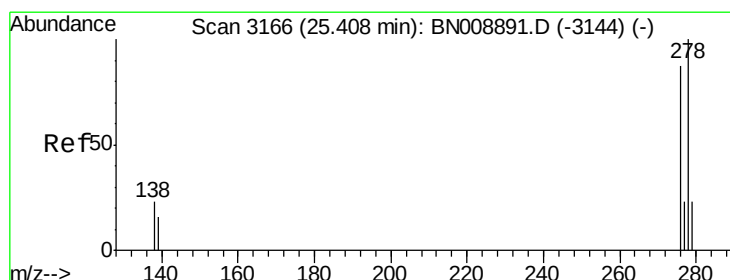
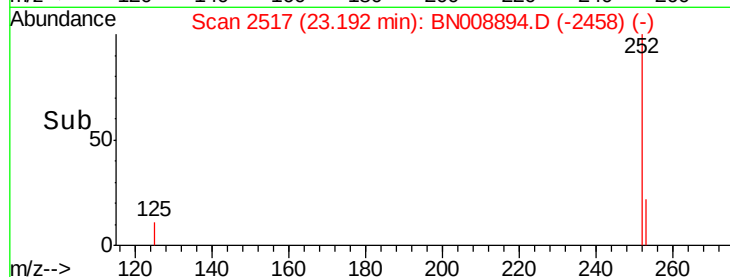
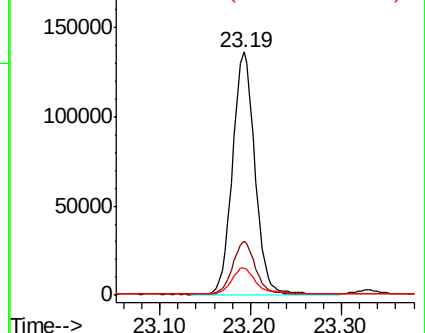
125 11.3 12.3 18.5#



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: 3.105 ng

RT: 25.41 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

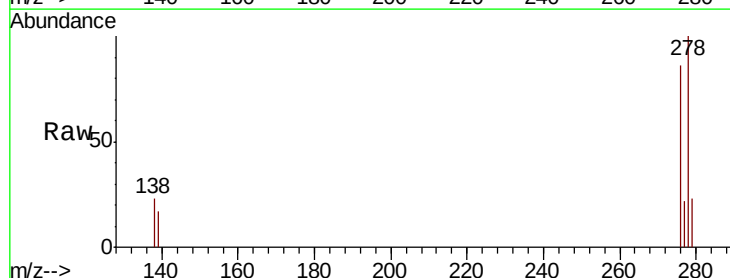
Tgt Ion:278 Resp: 215919

Ion Ratio Lower Upper

278 100

139 16.8 13.9 20.9

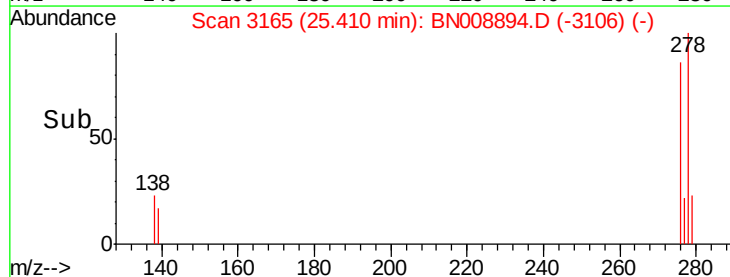
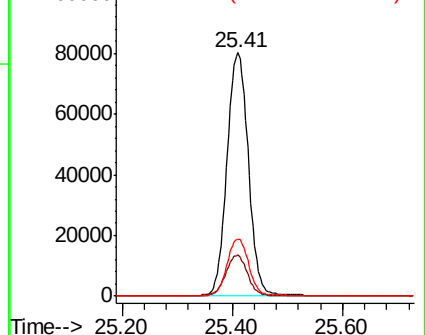
279 23.4 20.2 30.4

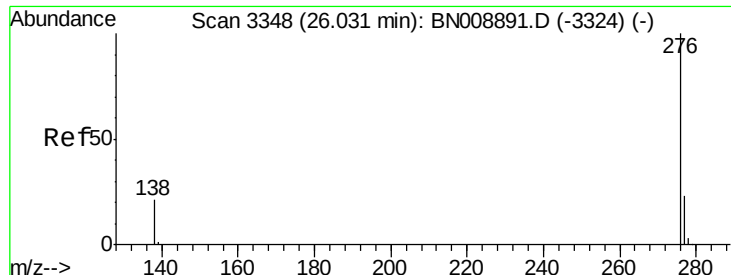


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.007 ng

RT: 26.04 min Scan# 3348

Delta R.T. 0.01 min

Lab File: BN008894.D

Acq: 09 Dec 2019 15:42

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

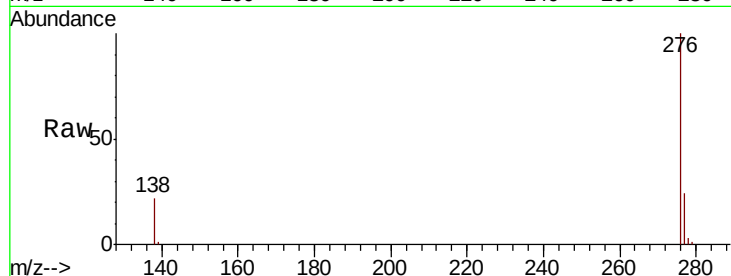
Tot Ion: 276 Resp: 211744

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 21.9 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

100000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

