

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121719\
 Data File : BN009018.D
 Acq On : 17 Dec 2019 18:54
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 18 12:41:09 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	7.55	152	3573	0.40	ng	-0.02
7) Naphthalene-d8	10.30	136	16518	0.40	ng	-0.01
13) Acenaphthene-d10	14.18	164	12184	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	28176	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	25331	0.40	ng	0.00
34) Perylene-d12	23.27	264	23065	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	5638	0.62	ng	0.00
5) Phenol-d6	6.74	99	6675	0.53	ng	-0.02
8) Nitrobenzene-d5	8.68	82	5604	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.89	152	12178	0.43	ng	-0.02
14) 2,4,6-Tribromophenol	15.67	330	2219	0.38	ng	-0.02
15) 2-Fluorobiphenyl	12.79	172	18434	0.40	ng	-0.02
25) Fluoranthene-d10	18.96	212	33939	0.40	ng	-0.01
29) Terphenyl-d14	19.57	244	26423	0.46	ng	0.00

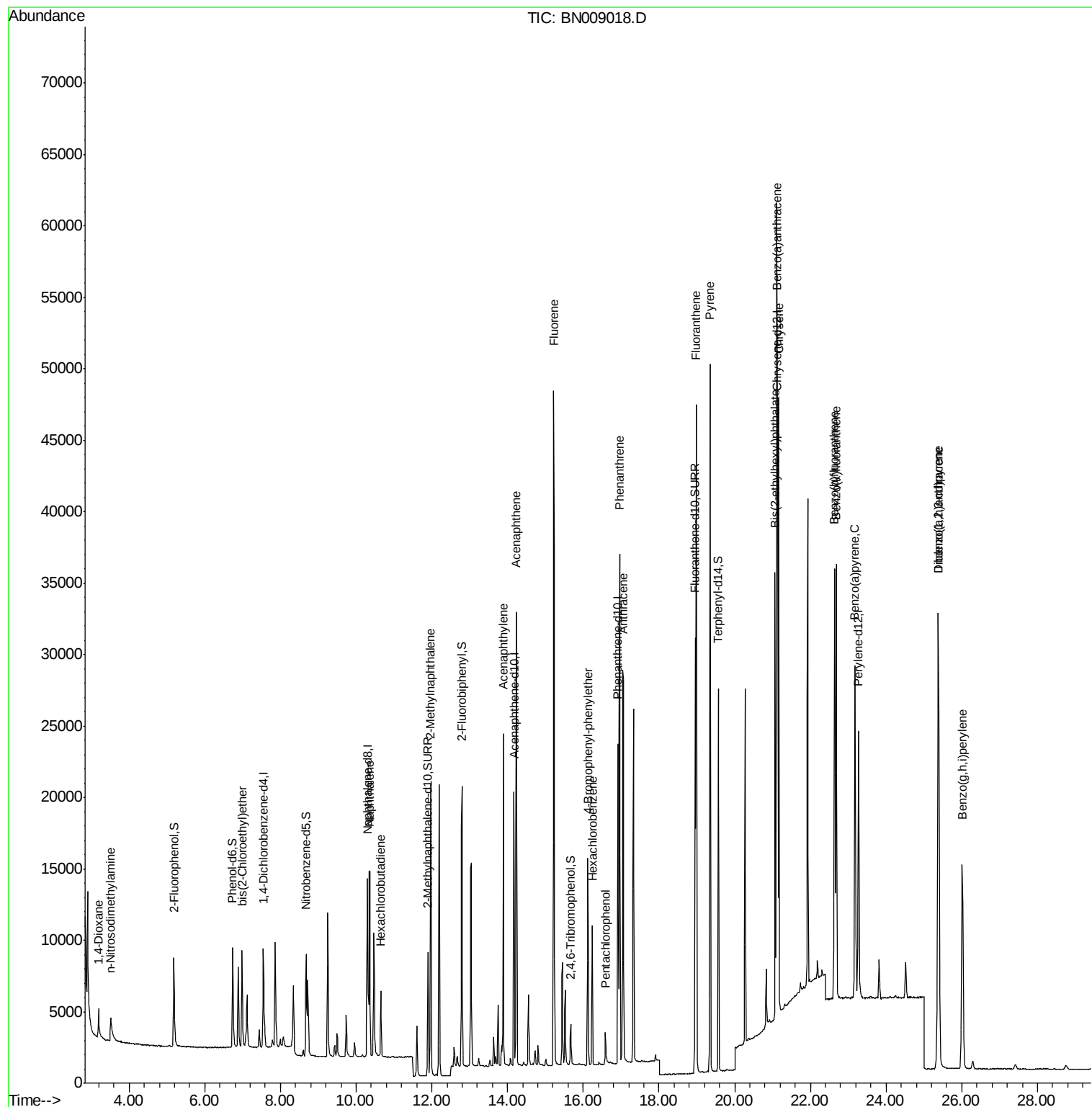
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1273	0.380	ng	99
3) n-Nitrosodimethylamine	3.51	42	1792	0.387	ng	# 90
6) bis(2-Chloroethyl)ether	6.99	93	4948	0.418	ng	99
9) Naphthalene	10.35	128	19058	0.423	ng	100
10) Hexachlorobutadiene	10.65	225	3657	0.424	ng	# 99
12) 2-Methylnaphthalene	11.97	142	14752	0.439	ng	99
16) Acenaphthylene	13.89	152	24935	0.447	ng	99
17) Acenaphthene	14.23	154	15787	0.427	ng	99
18) Fluorene	15.22	166	20875	0.419	ng	100
20) 4-Bromophenyl-phenylether	16.12	248	6802	0.404	ng	95
21) Hexachlorobenzene	16.24	284	7931	0.413	ng	97
22) Pentachlorophenol	16.59	266	1760	0.254	ng	98
23) Phenanthrene	16.96	178	35867	0.404	ng	100
24) Anthracene	17.06	178	32419	0.415	ng	100
26) Fluoranthene	18.99	202	42272	0.401	ng	100
28) Pyrene	19.35	202	43057	0.485	ng	100
30) Benzo(a)anthracene	21.11	228	39659	0.442	ng	99
31) Chrysene	21.17	228	39407	0.423	ng	100
32) Bis(2-ethylhexyl)phthalate	21.07	149	24875	0.591	ng	99
33) Indeno(1,2,3-cd)pyrene	25.38	276	35052	0.356	ng	99
35) Benzo(b)fluoranthene	22.64	252	35306	0.428	ng	99
36) Benzo(k)fluoranthene	22.68	252	35734	0.430	ng	96
37) Benzo(a)pyrene	23.18	252	31490	0.425	ng	100
38) Dibenzo(a,h)anthracene	25.39	278	28360	0.408	ng	99
39) Benzo(g,h,i)perylene	26.02	276	28691	0.418	ng	99

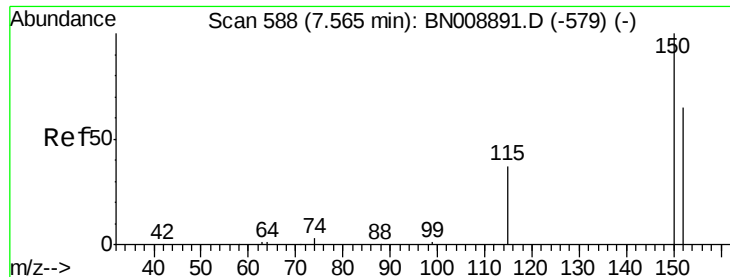
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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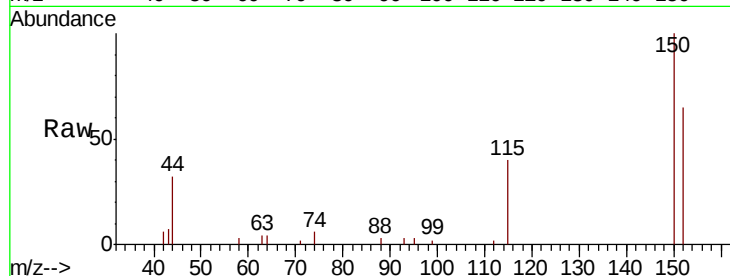


#1

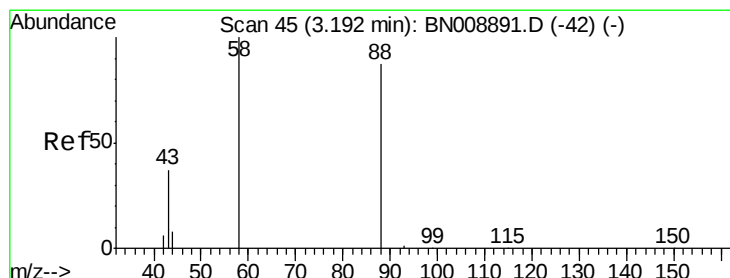
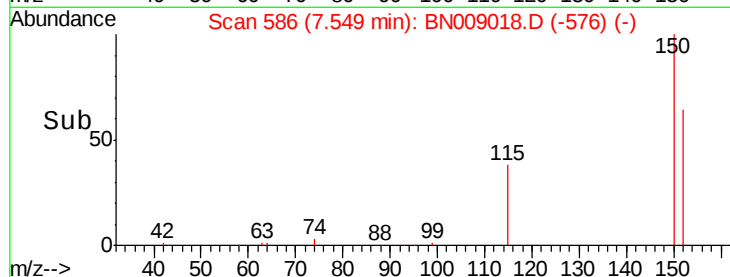
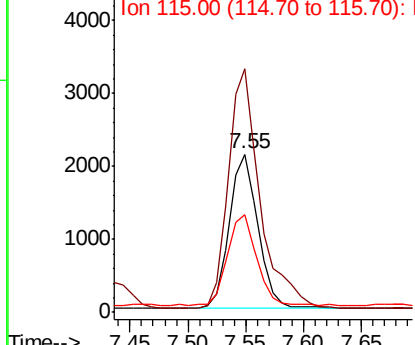
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.02 min
Lab File: BN009018.D
Acq: 17 Dec 2019 18:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 3573
Ion Ratio Lower Upper
152 100
150 154.0 122.3 183.5
115 61.6 48.4 72.6



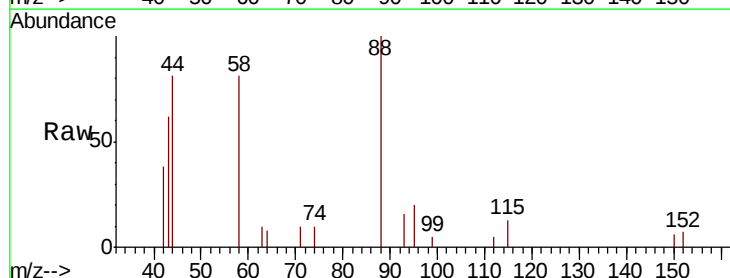
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



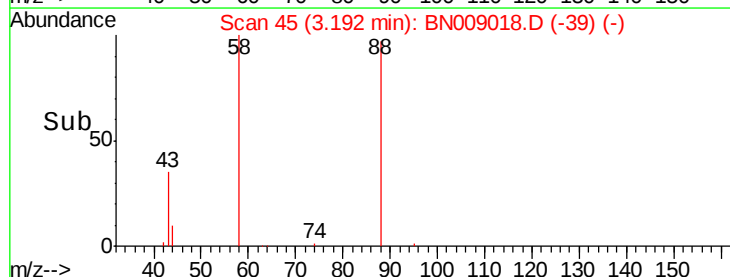
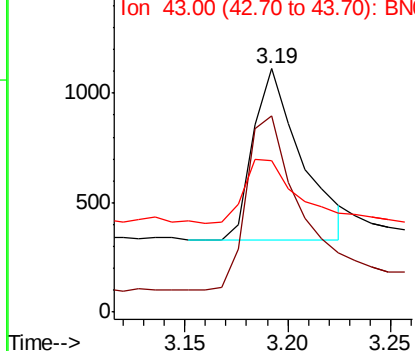
#2

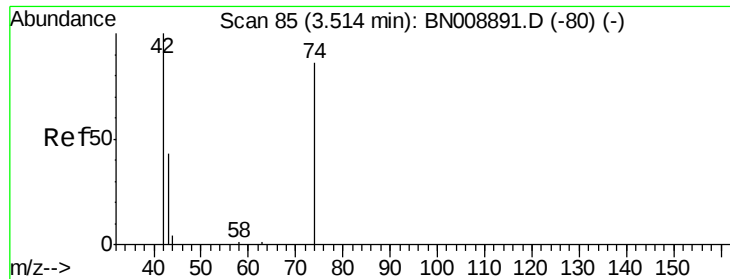
1,4-Dioxane
Concen: 0.380 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN009018.D
Acq: 17 Dec 2019 18:54

Tgt Ion: 88 Resp: 1273
Ion Ratio Lower Upper
88 100
58 112.1 88.6 132.8
43 39.7 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: 0.387 ng

RT: 3.51 min Scan# 84

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

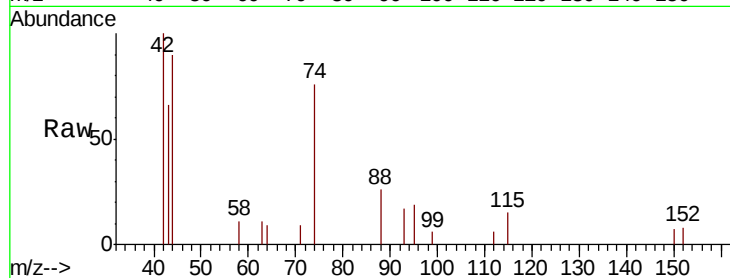
Tot Ion: 42 Resp: 1792

Ion Ratio Lower Upper

42 100

74 108.4 78.6 117.8

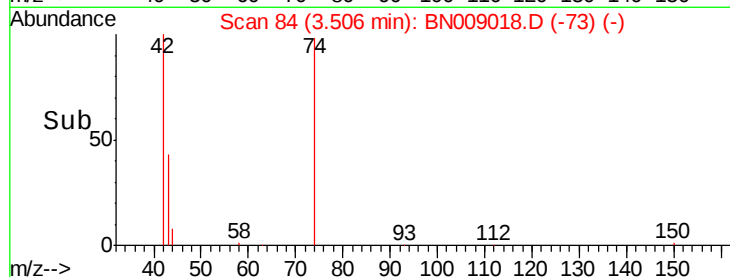
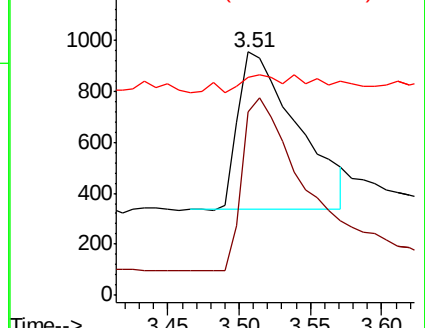
44 7.8 0.0 0.0#



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: 0.621 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

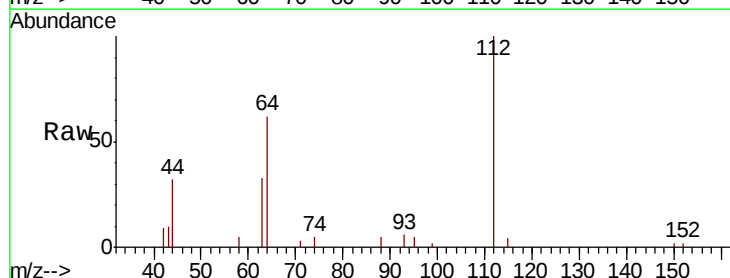
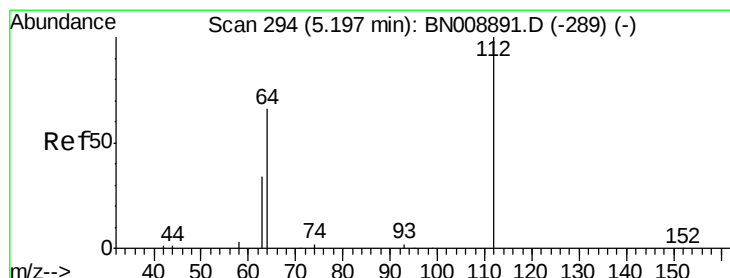
Tgt Ion: 112 Resp: 5638

Ion Ratio Lower Upper

112 100

64 70.8 57.7 86.5

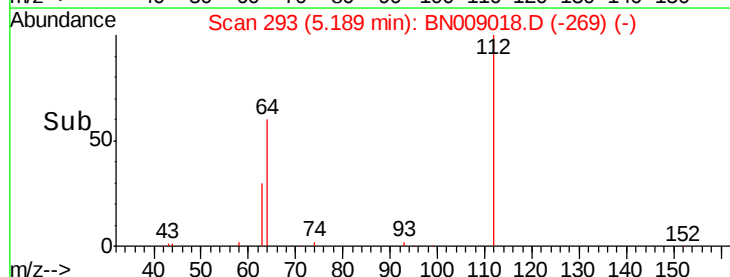
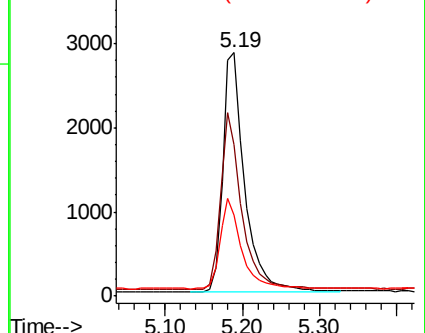
63 36.9 29.6 44.4

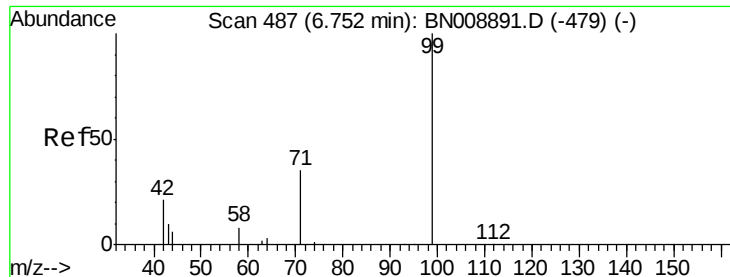


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.531 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

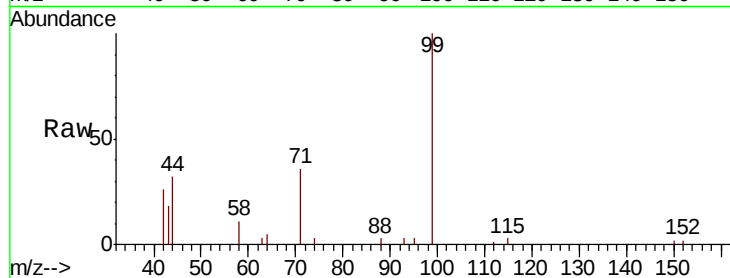
Tot Ion: 99 Resp: 6675

Ion Ratio Lower Upper

99 100

42 24.9 20.1 30.1

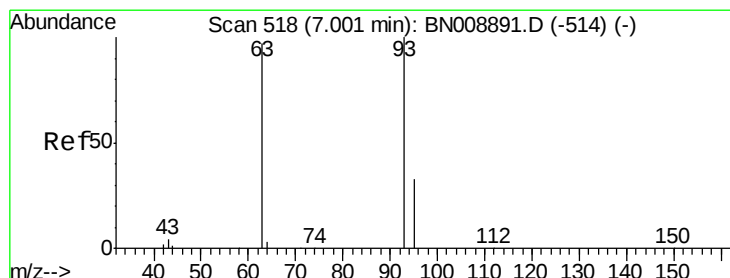
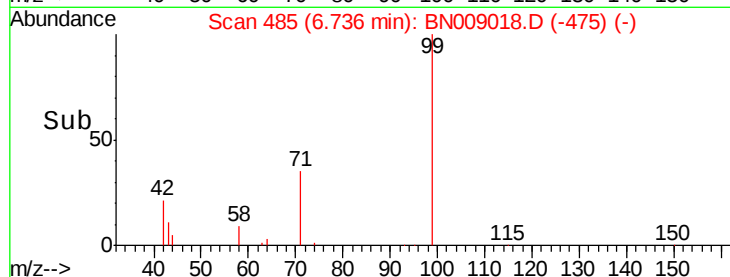
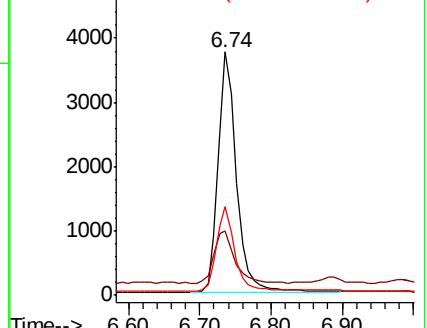
71 34.5 28.2 42.2



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: 0.418 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

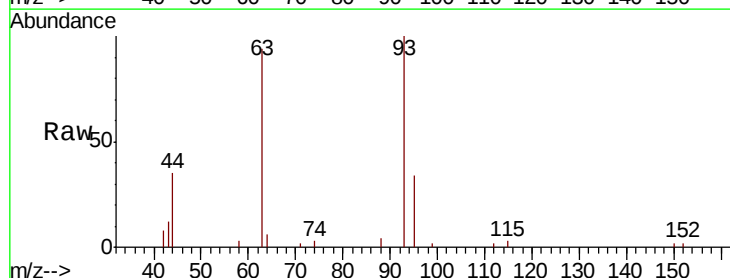
Tgt Ion: 93 Resp: 4948

Ion Ratio Lower Upper

93 100

63 92.4 73.5 110.3

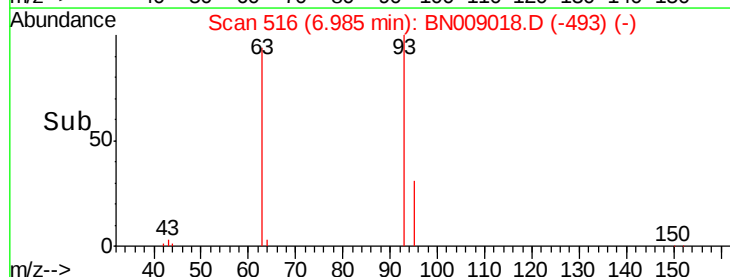
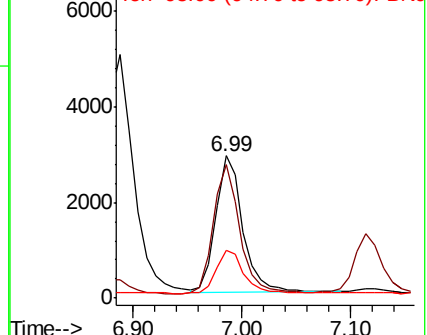
95 32.3 26.0 39.0

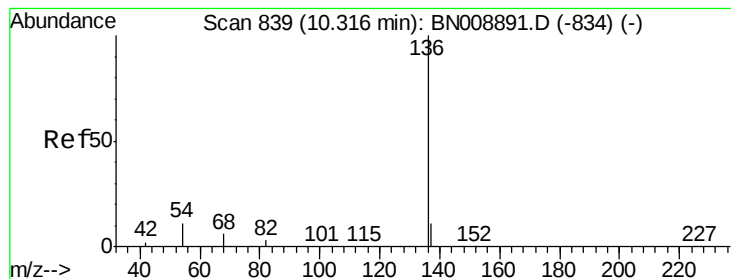


Abundance Ion 93.00 (92.70 to 93.70): BN008891.D (-514) (-)

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: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 16518

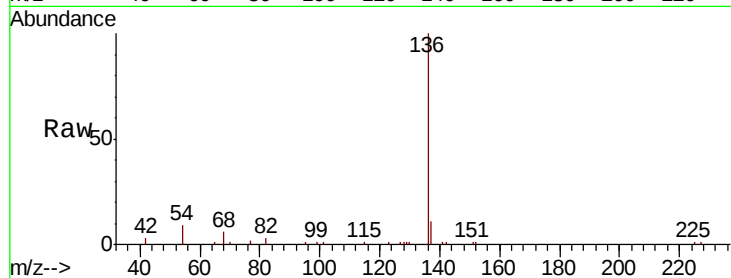
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 9.0 9.6 14.4#

68 5.6 5.6 8.4

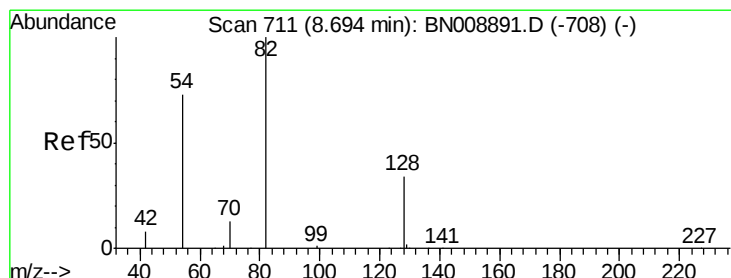
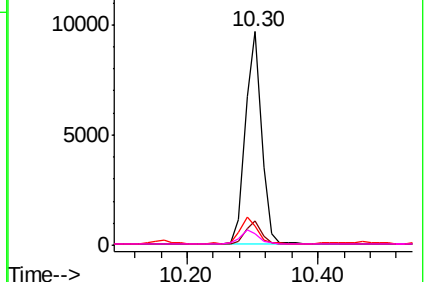
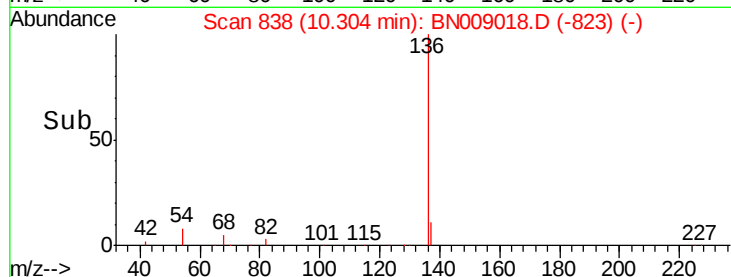


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

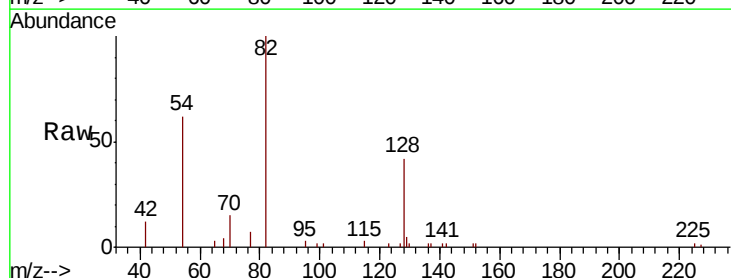
Tgt Ion: 82 Resp: 5604

Ion Ratio Lower Upper

82 100

128 42.0 29.1 43.7

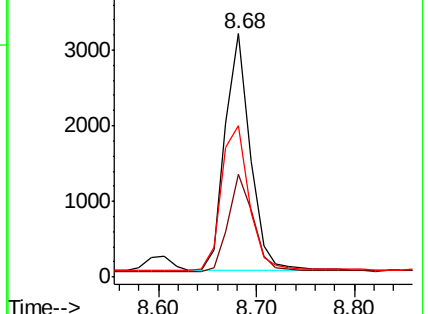
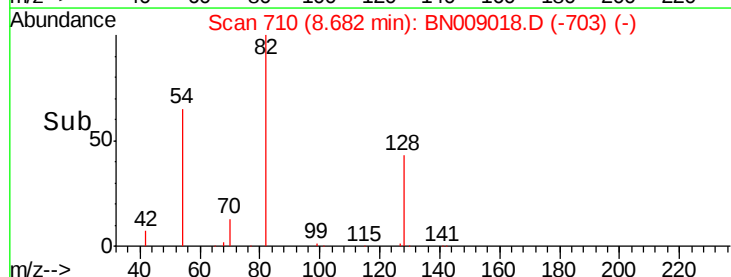
54 62.3 59.7 89.5

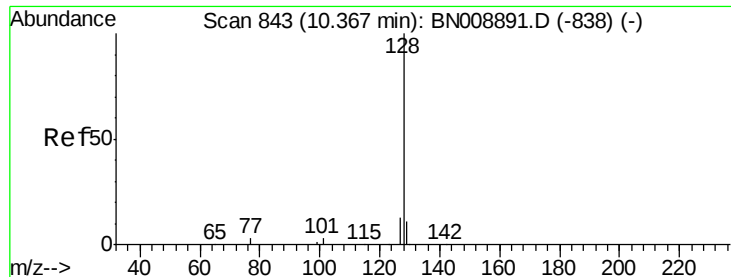


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

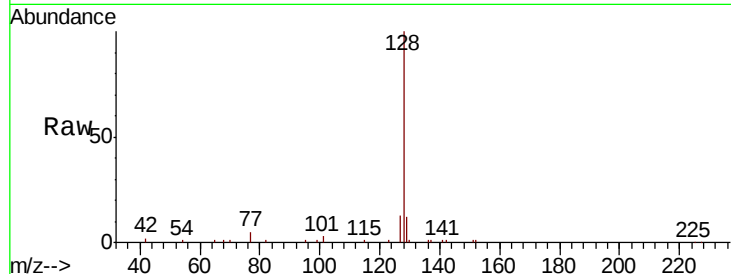




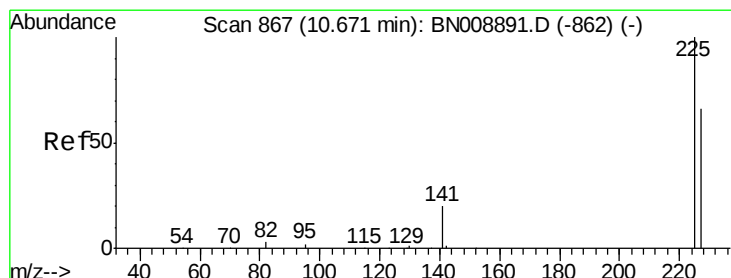
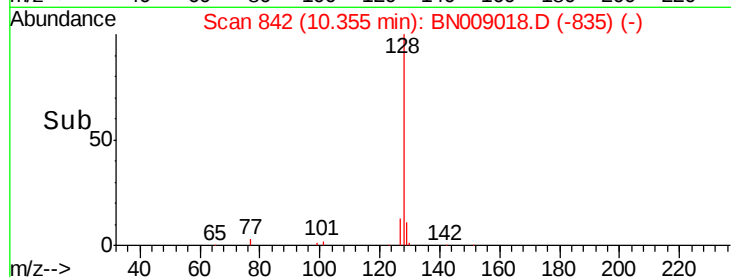
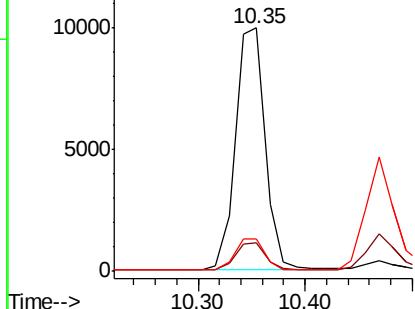
#9
Naphthalene
Concen: 0.423 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.01 min
Lab File: BN009018.D
Acq: 17 Dec 2019 18:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:128 Resp: 19058
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.2 10.8 16.2

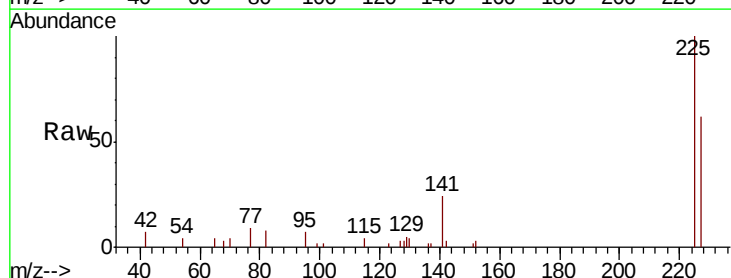


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

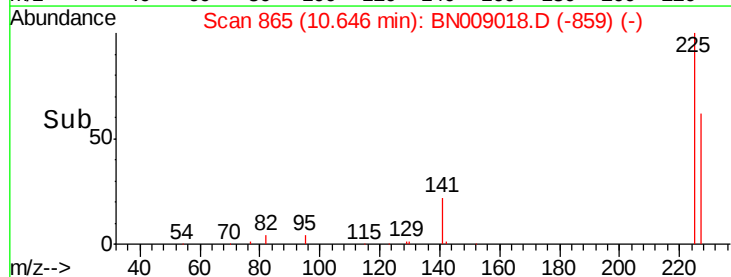
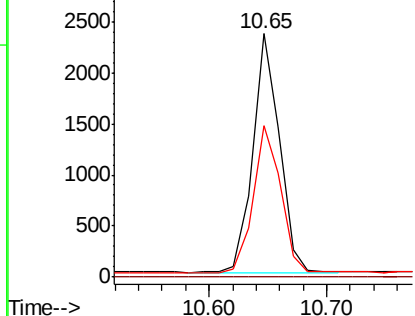


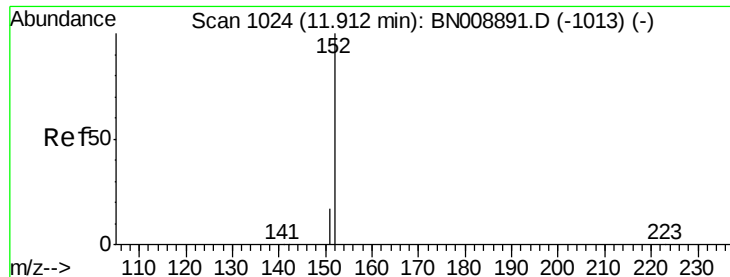
#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 10.65 min Scan# 865
Delta R.T. -0.03 min
Lab File: BN009018.D
Acq: 17 Dec 2019 18:54

Tgt Ion:225 Resp: 3657
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.4 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

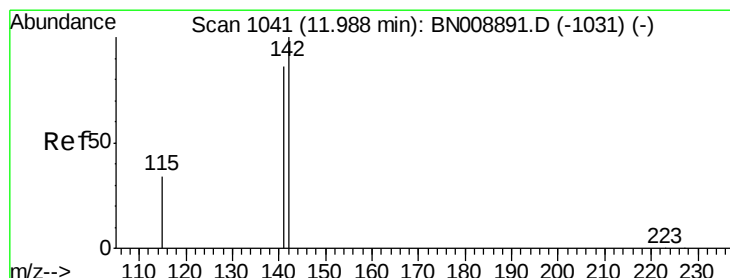
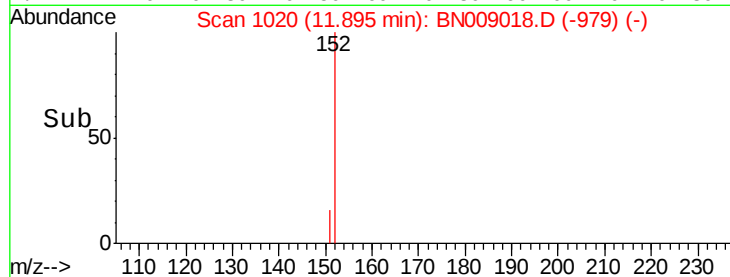
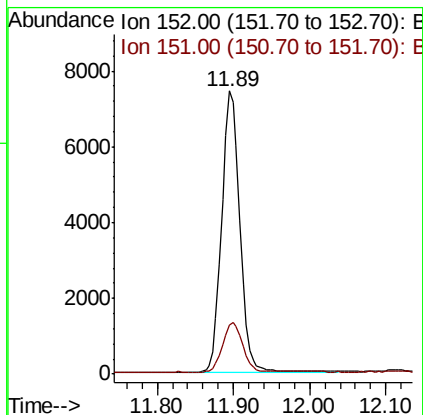
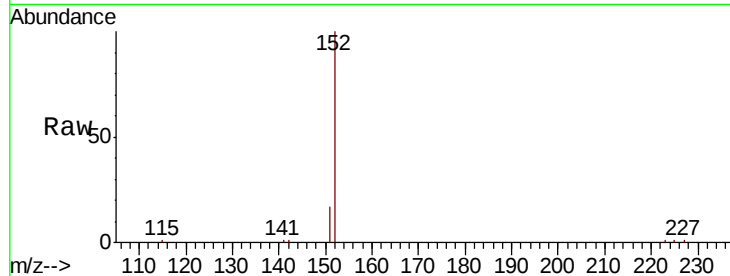




#11
 2-Methylnaphthalene-d10
 Concen: 0.431 ng
 RT: 11.89 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BN009018.D
 Acq: 17 Dec 2019 18:54

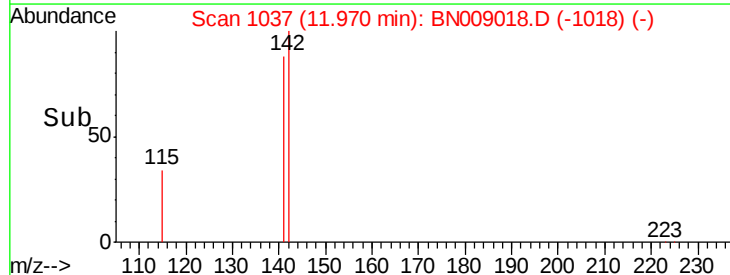
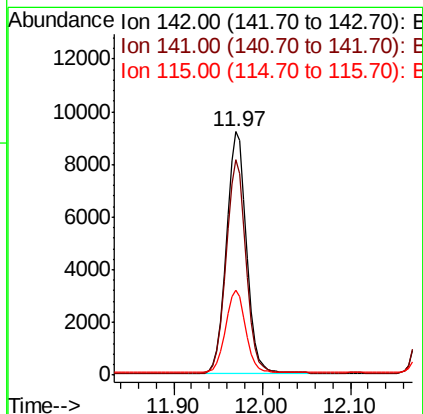
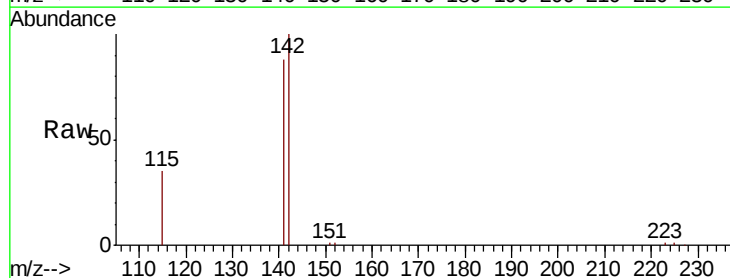
Instrument :
 BNA_N
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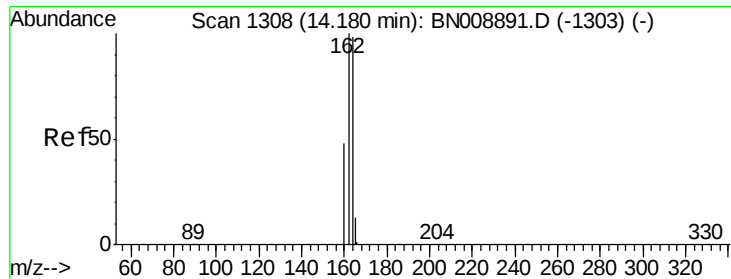
Tot Ion:152 Resp: 12178
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.439 ng
 RT: 11.97 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BN009018.D
 Acq: 17 Dec 2019 18:54

Tgt Ion:142 Resp: 14752
 Ion Ratio Lower Upper
 142 100
 141 88.4 69.3 103.9
 115 35.0 27.9 41.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

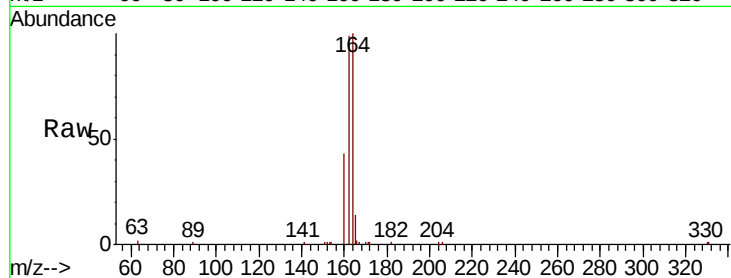
Tot Ion:164 Resp: 12184

Ion Ratio Lower Upper

164 100

162 98.8 81.9 122.9

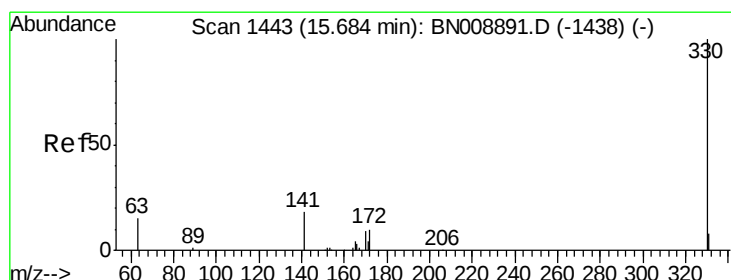
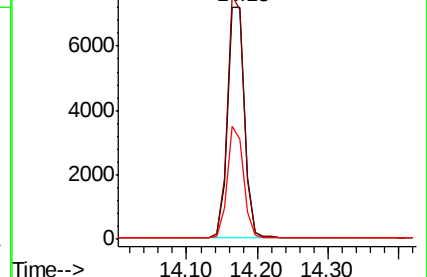
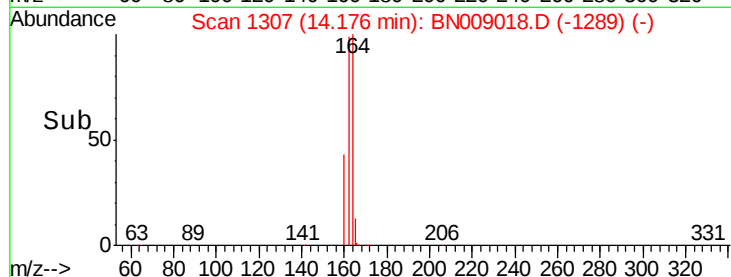
160 43.4 39.3 58.9



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: 0.379 ng

RT: 15.67 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

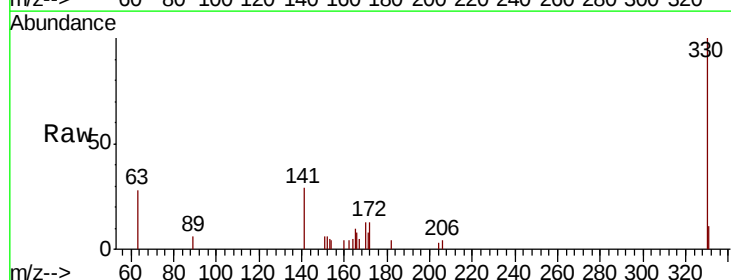
Tgt Ion:330 Resp: 2219

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

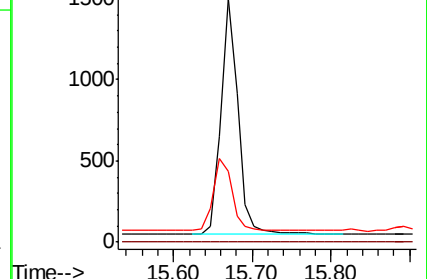
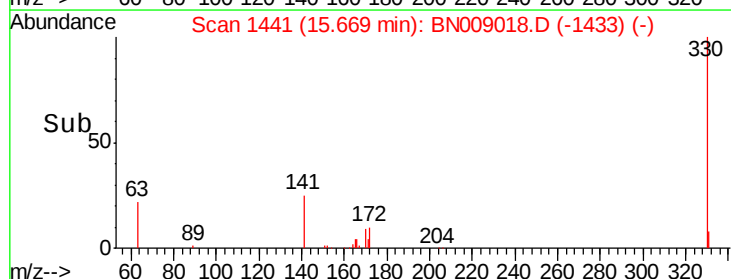
141 34.0 29.6 44.4

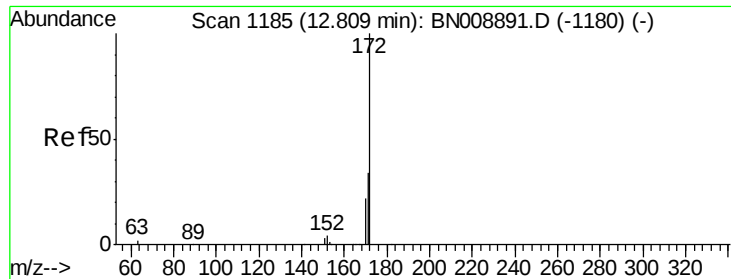


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.398 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

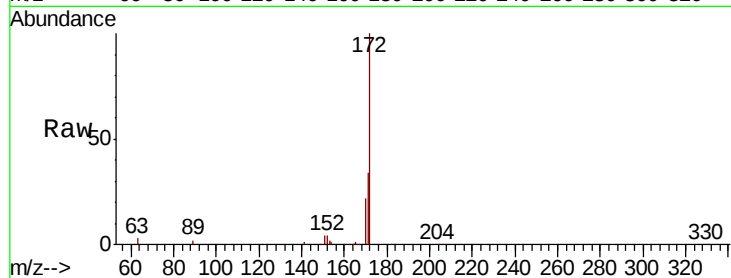
Tot Ion:172 Resp: 18434

Ion Ratio Lower Upper

172 100

171 33.8 27.1 40.7

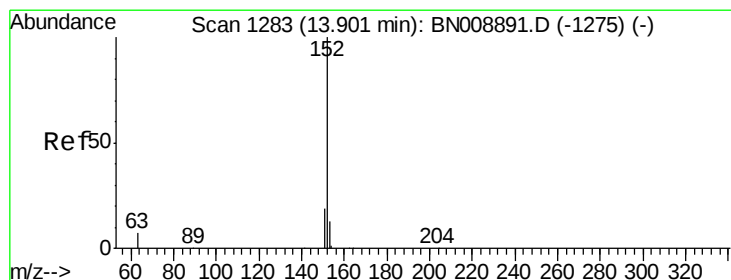
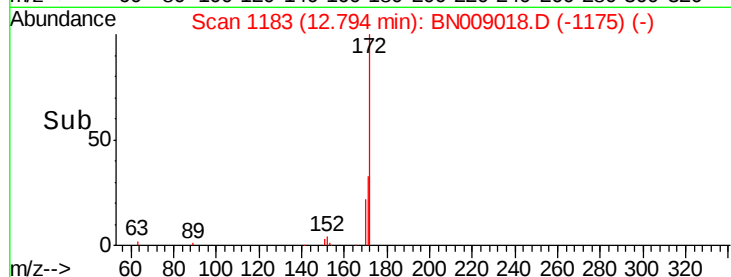
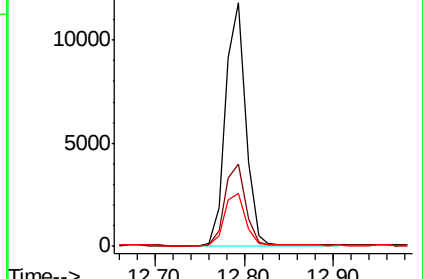
170 22.0 17.7 26.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.447 ng

RT: 13.89 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

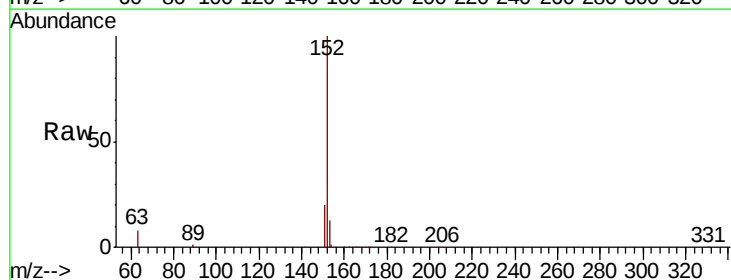
Tgt Ion:152 Resp: 24935

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9

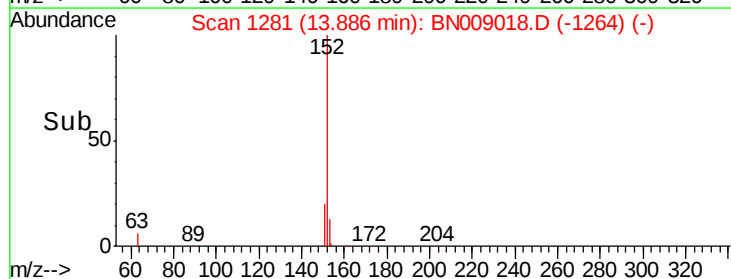
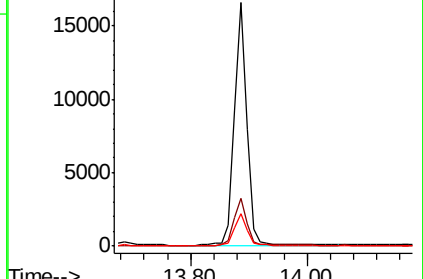
153 13.1 10.3 15.5

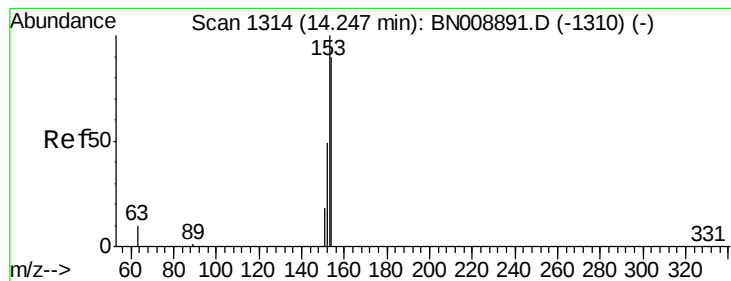


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.427 ng

RT: 14.23 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

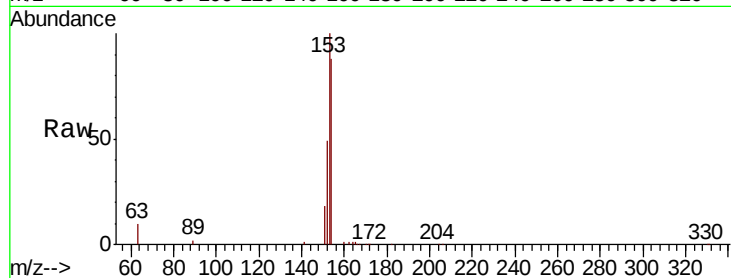
Tot Ion:154 Resp: 15787

Ion Ratio Lower Upper

154 100

153 112.6 89.2 133.8

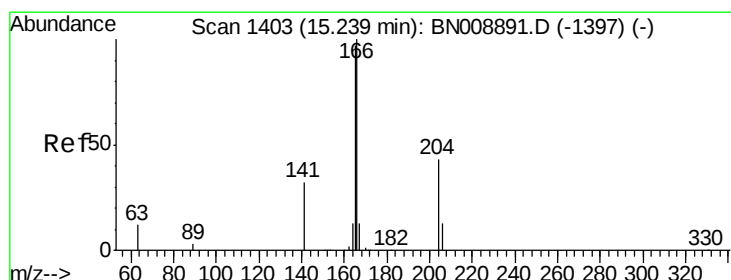
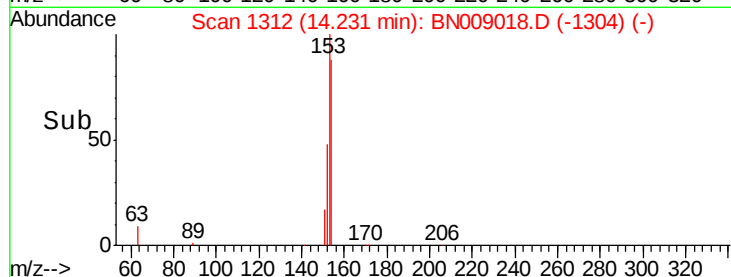
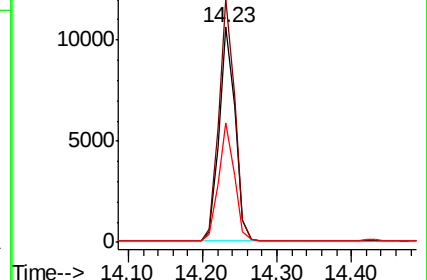
152 54.6 44.2 66.4



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: 0.419 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

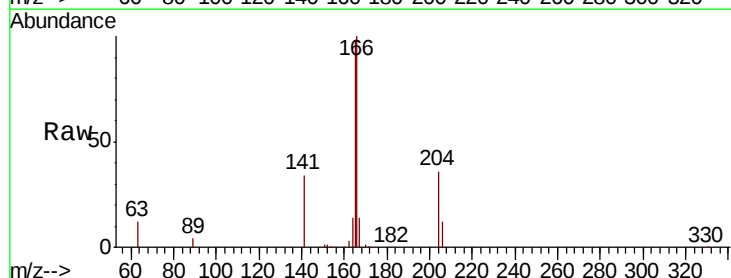
Tgt Ion:166 Resp: 20875

Ion Ratio Lower Upper

166 100

165 96.9 77.3 115.9

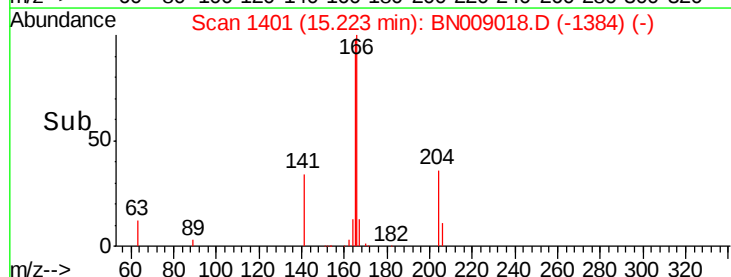
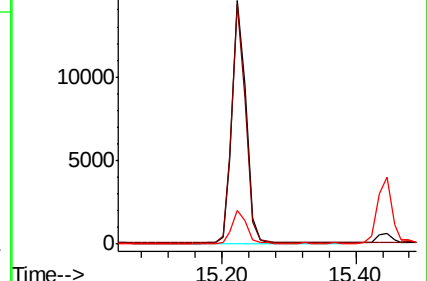
167 13.4 10.8 16.2

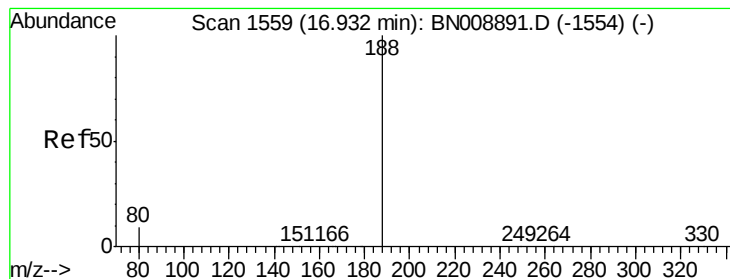


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.92 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

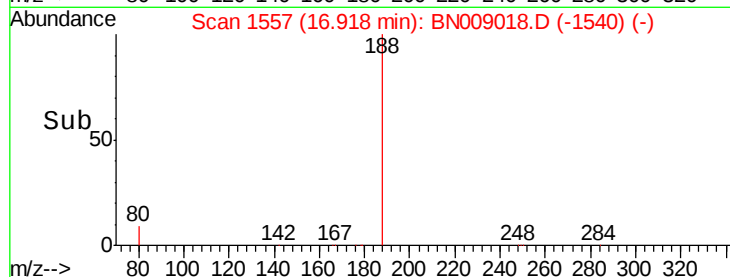
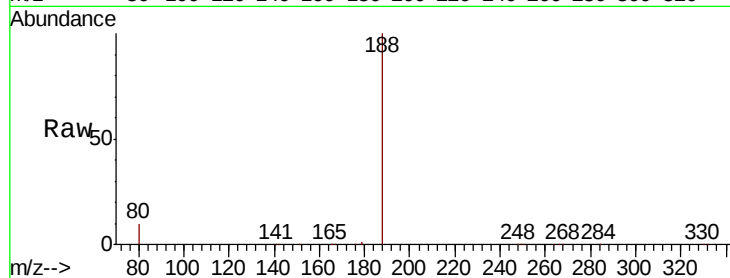
Tot Ion:188 Resp: 28176

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

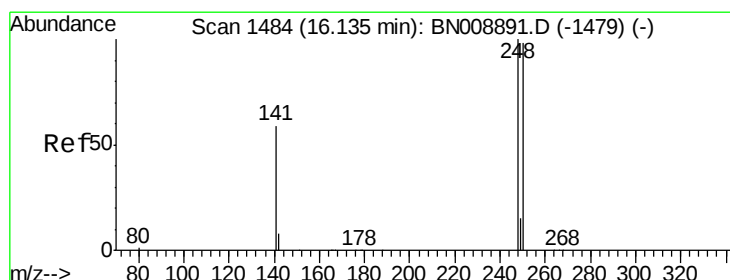
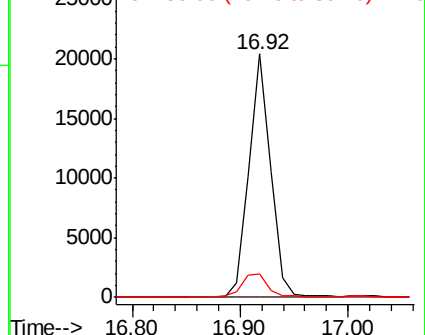
80 9.9 7.3 10.9



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: 0.404 ng

RT: 16.12 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

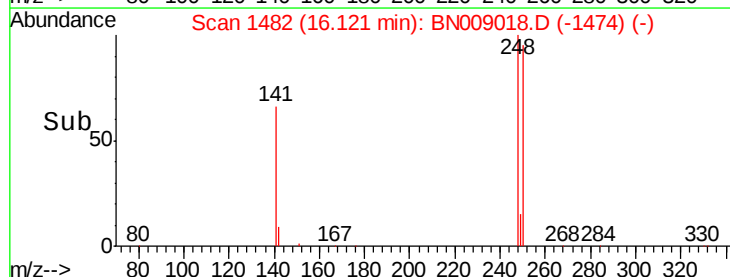
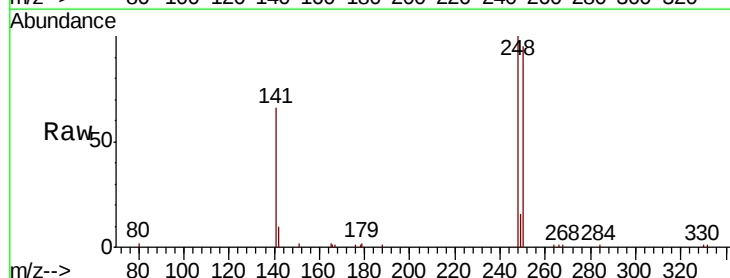
Tgt Ion:248 Resp: 6802

Ion Ratio Lower Upper

248 100

250 95.3 78.7 118.1

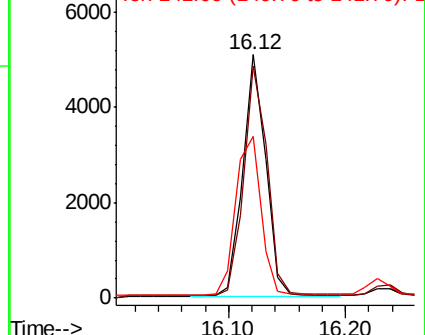
141 66.2 47.9 71.9

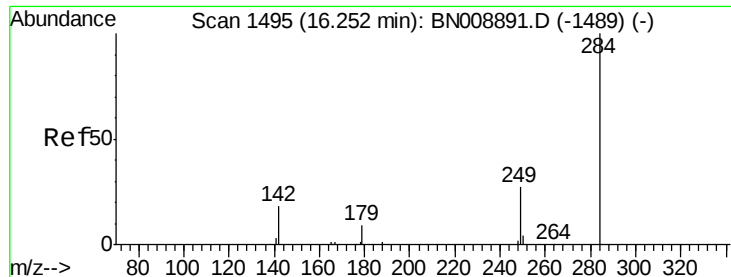


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.413 ng

RT: 16.24 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

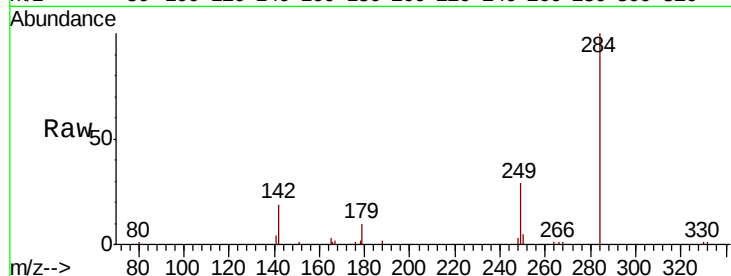
Tot Ion:284 Resp: 7931

Ion Ratio Lower Upper

284 100

142 32.3 27.8 41.6

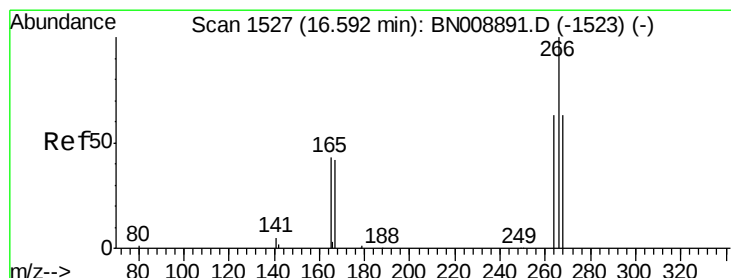
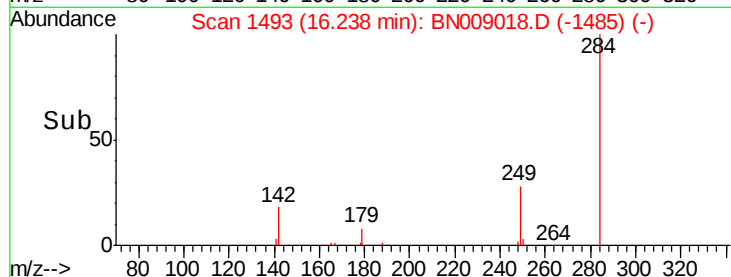
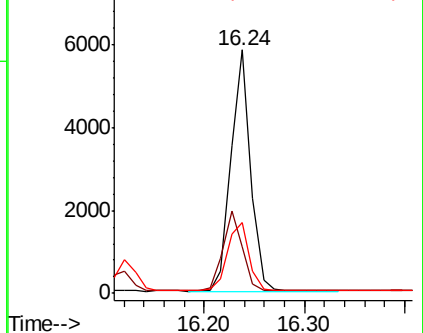
249 30.9 25.3 37.9



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: 0.254 ng

RT: 16.59 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

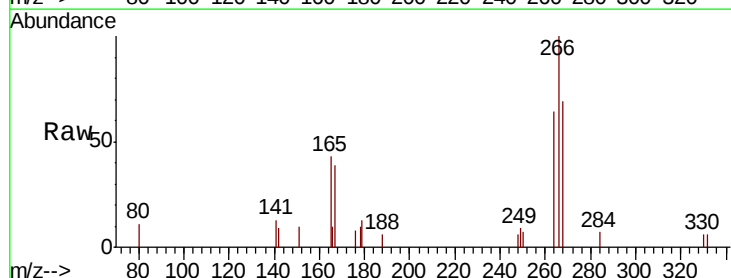
Tgt Ion:266 Resp: 1760

Ion Ratio Lower Upper

266 100

264 64.0 51.5 77.3

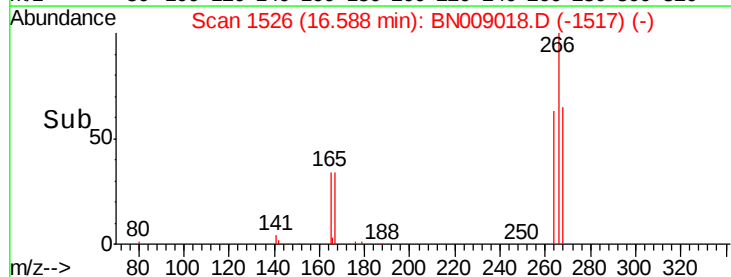
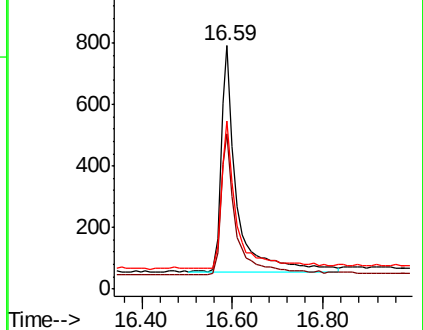
268 68.9 53.1 79.7

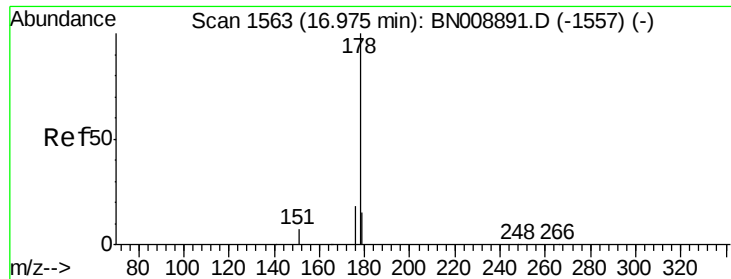


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.404 ng

RT: 16.96 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

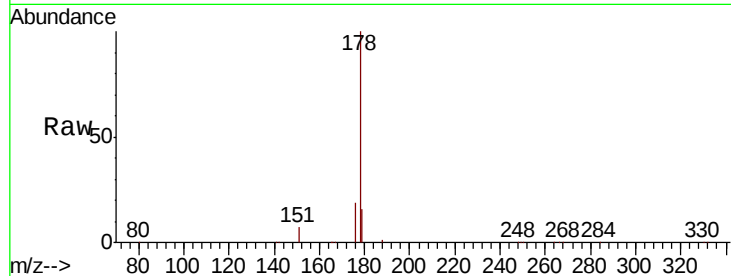
Tot Ion:178 Resp: 35867

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

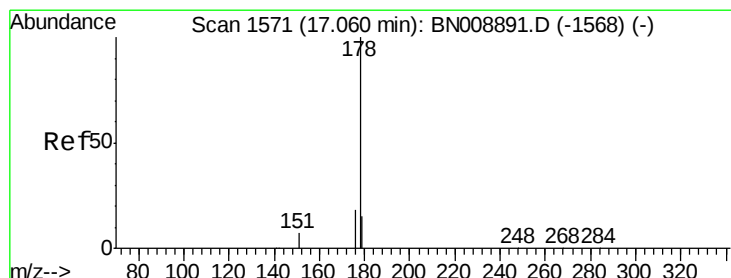
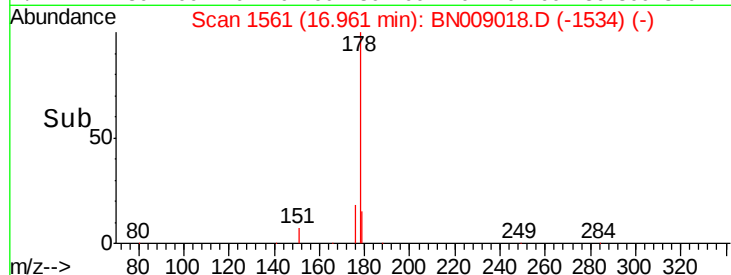
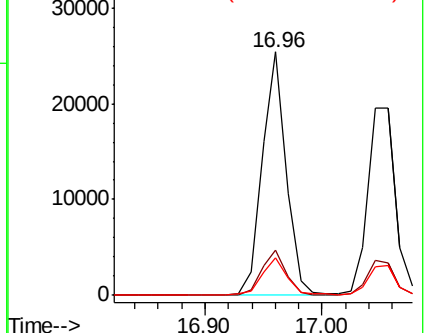
179 15.3 12.3 18.5



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: 0.415 ng

RT: 17.06 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

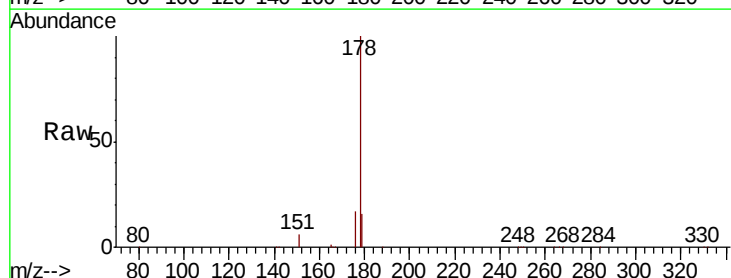
Tgt Ion:178 Resp: 32419

Ion Ratio Lower Upper

178 100

176 17.9 14.4 21.6

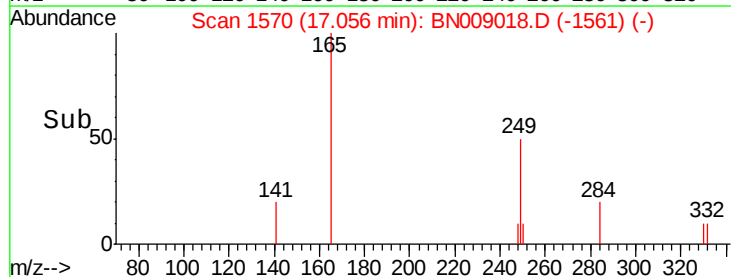
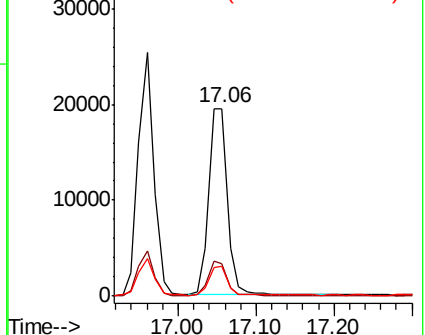
179 15.4 12.1 18.1

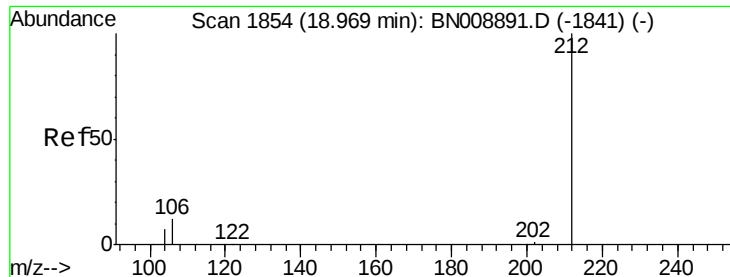


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 18.96 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

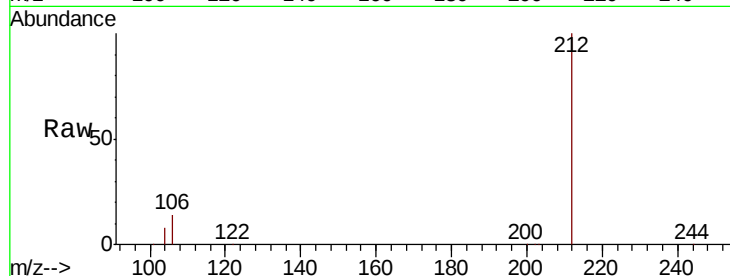
Tot Ion:212 Resp: 33939

Ion Ratio Lower Upper

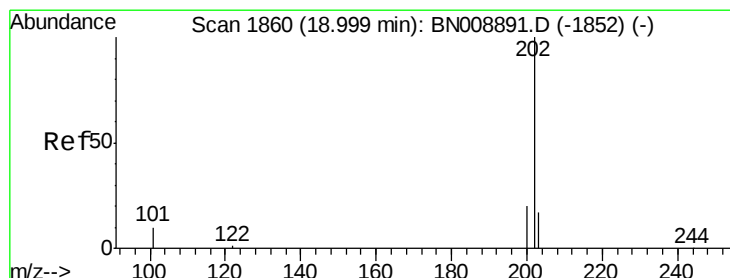
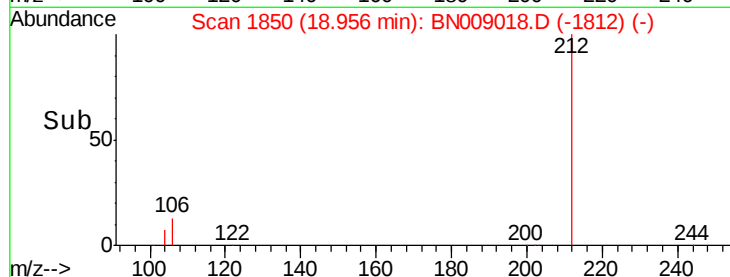
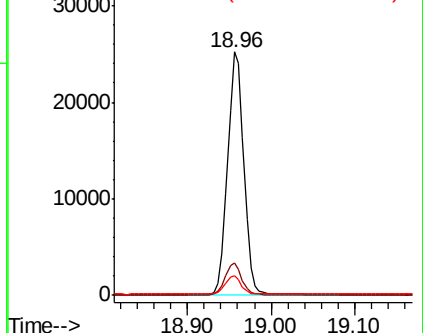
212 100

106 13.0 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: 0.401 ng

RT: 18.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

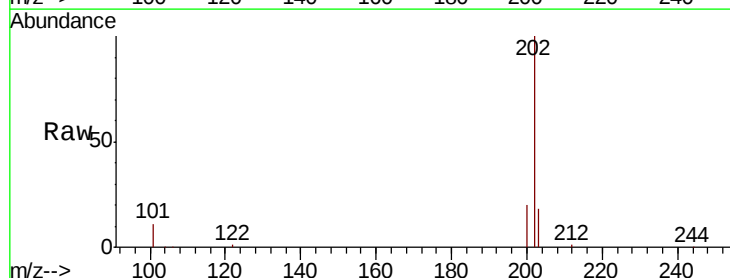
Tgt Ion:202 Resp: 42272

Ion Ratio Lower Upper

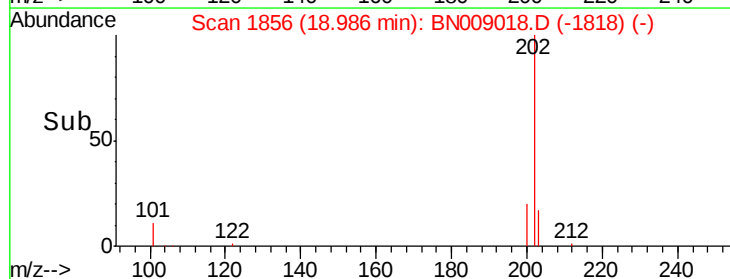
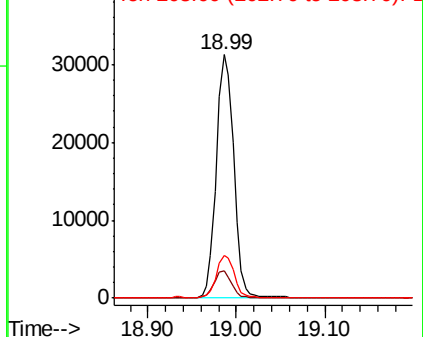
202 100

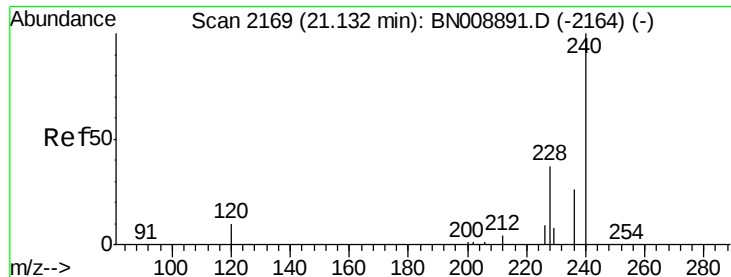
101 11.0 8.8 13.2

203 17.3 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

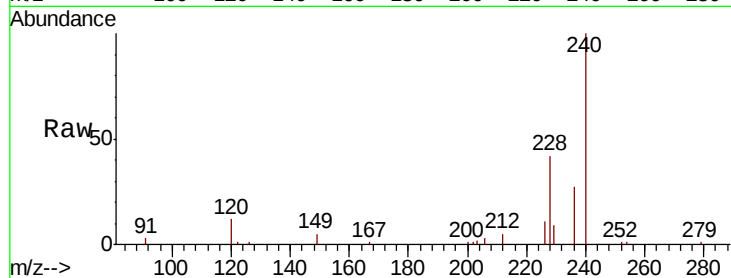




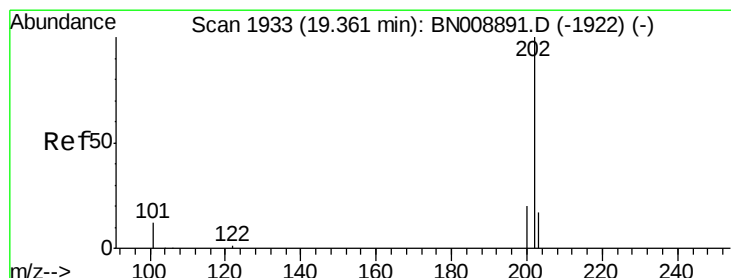
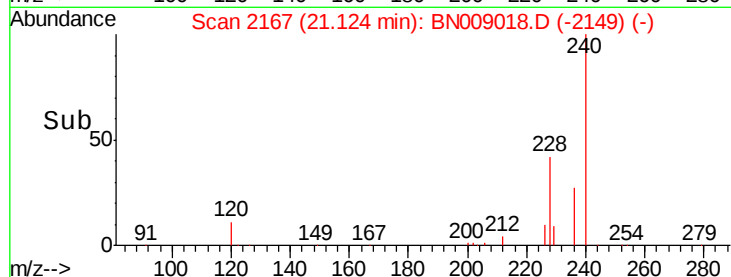
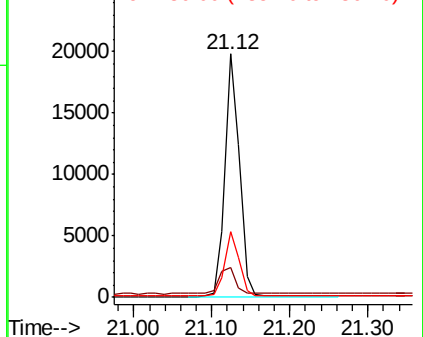
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN009018.D
Acq: 17 Dec 2019 18:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 25331
Ion Ratio Lower Upper
240 100
120 12.5 9.1 13.7
236 27.1 21.5 32.3

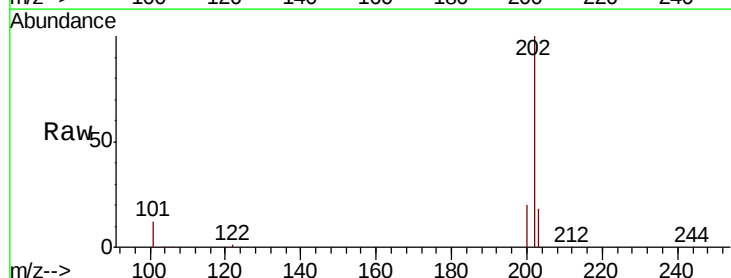


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

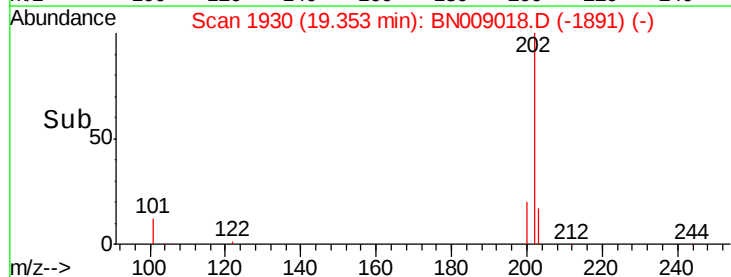
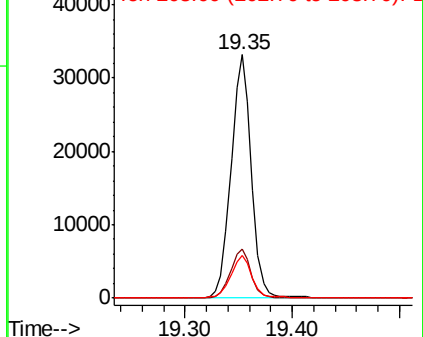


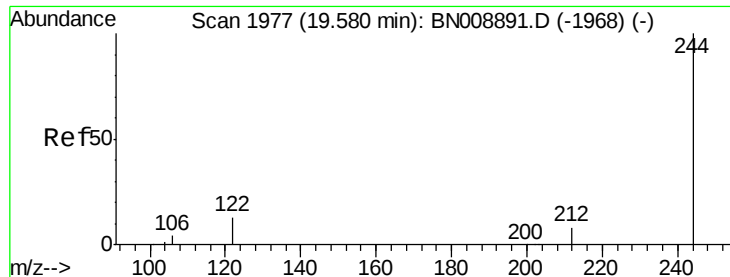
#28
Pyrene
Concen: 0.485 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BN009018.D
Acq: 17 Dec 2019 18:54

Tgt Ion:202 Resp: 43057
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.7 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: 0.457 ng

RT: 19.57 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

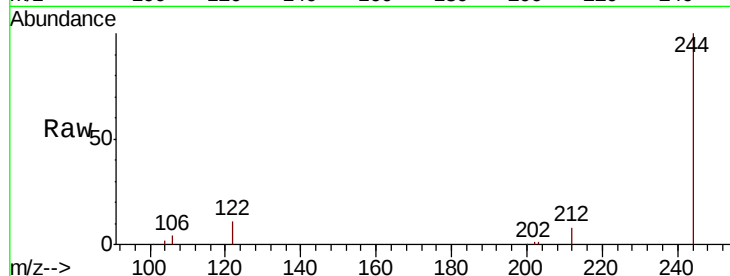
Tot Ion:244 Resp: 26423

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 11.3 10.4 15.6

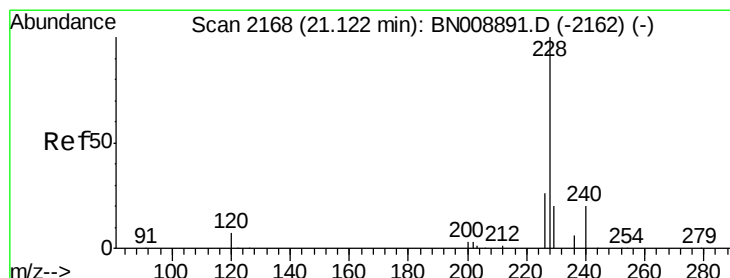
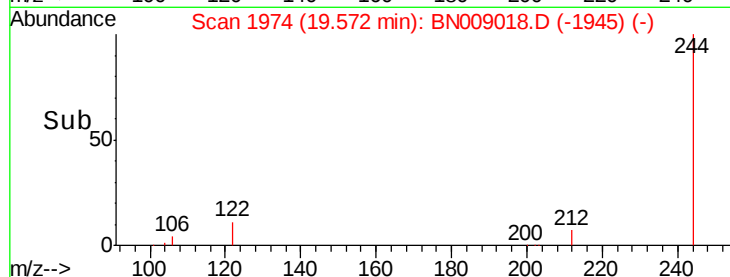
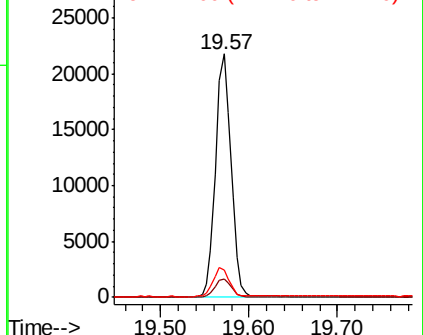


Abundance

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: 0.442 ng

RT: 21.11 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

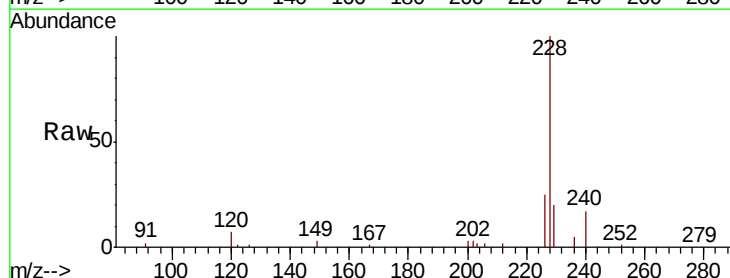
Tgt Ion:228 Resp: 39659

Ion Ratio Lower Upper

228 100

226 25.3 20.6 30.8

229 20.3 15.9 23.9

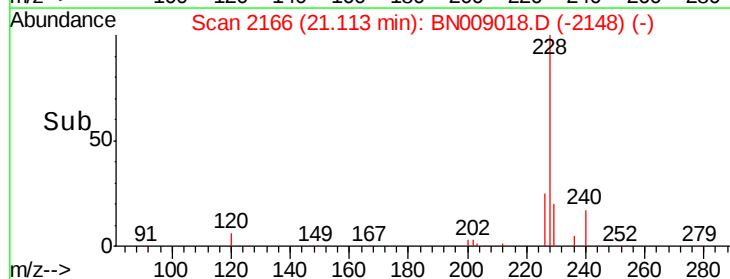
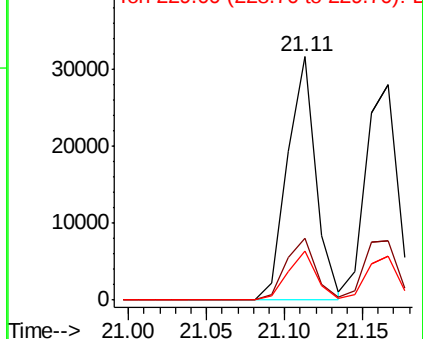


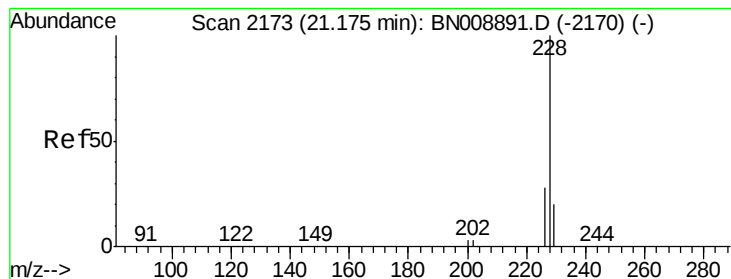
Abundance

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: 0.423 ng

RT: 21.17 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

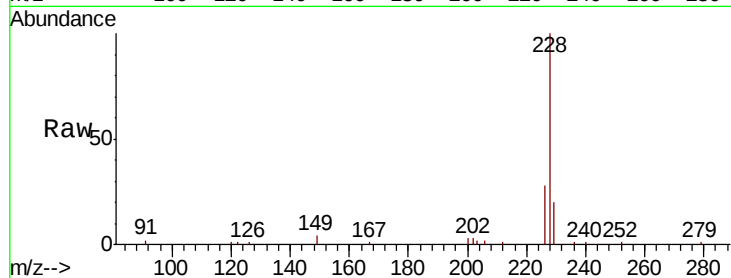
Tot Ion:228 Resp: 39407

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

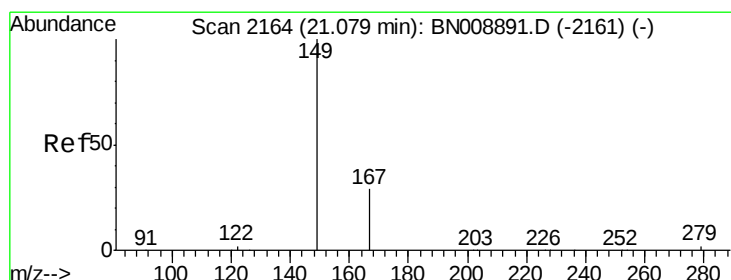
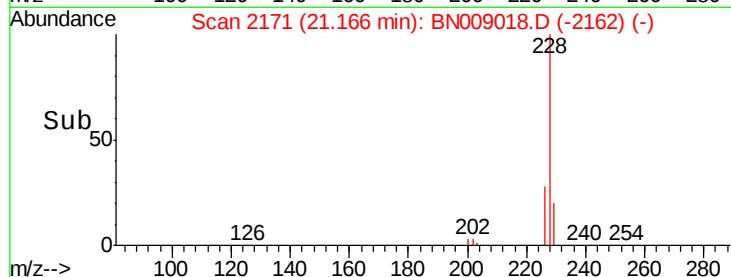
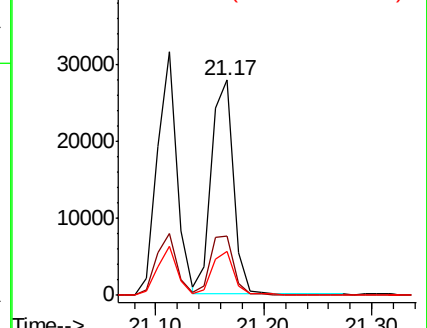
229 20.3 15.9 23.9



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: 0.591 ng

RT: 21.07 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

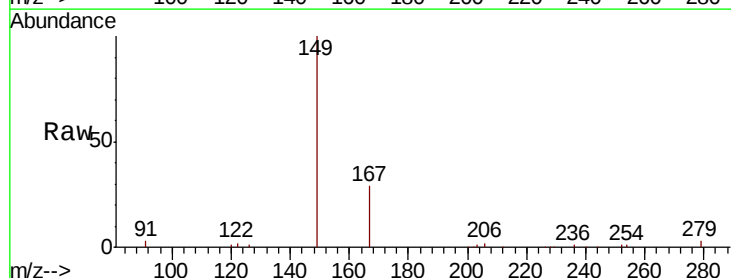
Tgt Ion:149 Resp: 24875

Ion Ratio Lower Upper

149 100

167 28.8 22.7 34.1

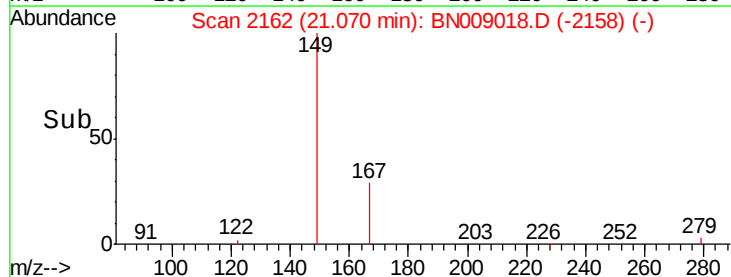
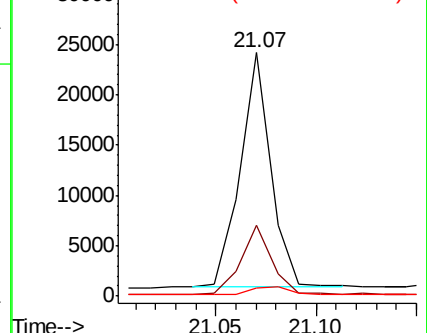
279 4.2 3.3 4.9

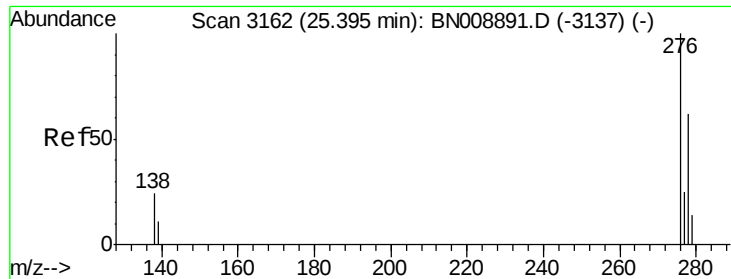


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.356 ng

RT: 25.38 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

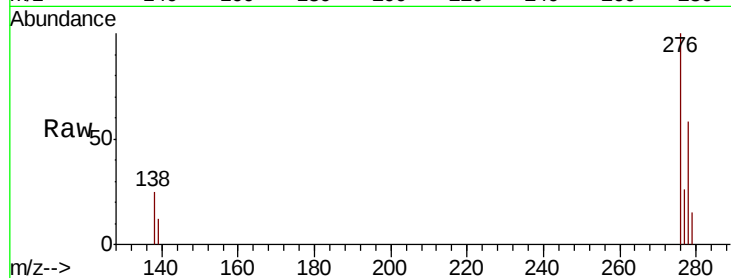
Tot Ion:276 Resp: 35052

Ion Ratio Lower Upper

276 100

138 25.4 19.9 29.9

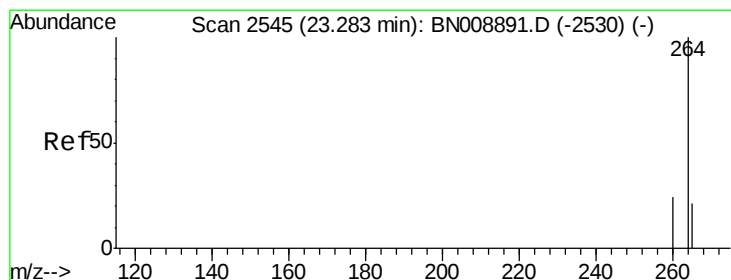
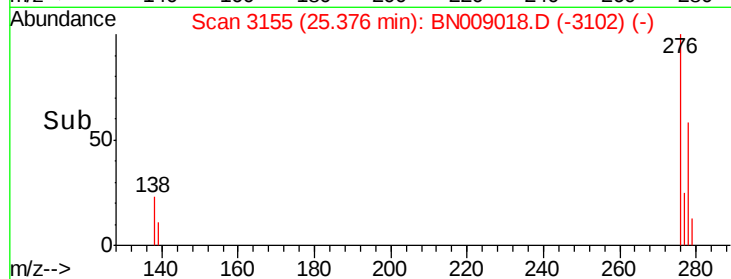
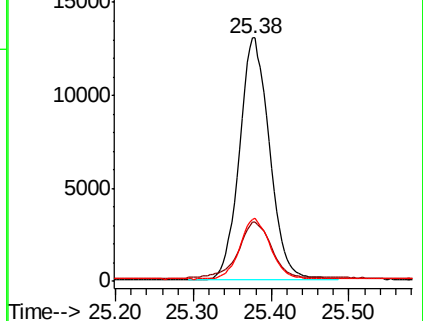
277 25.1 19.8 29.8



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: 23.27 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

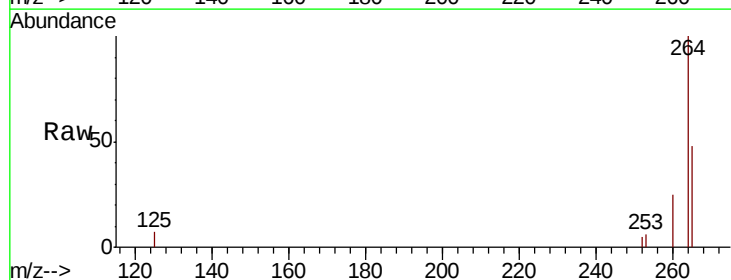
Tgt Ion:264 Resp: 23065

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

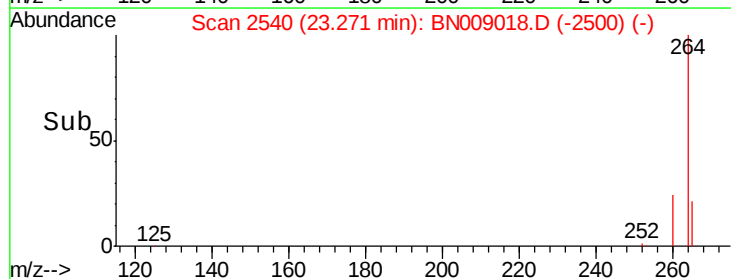
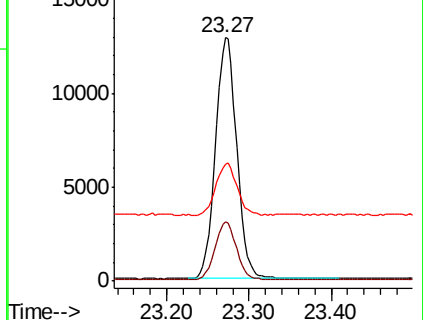
265 47.8 47.5 71.3

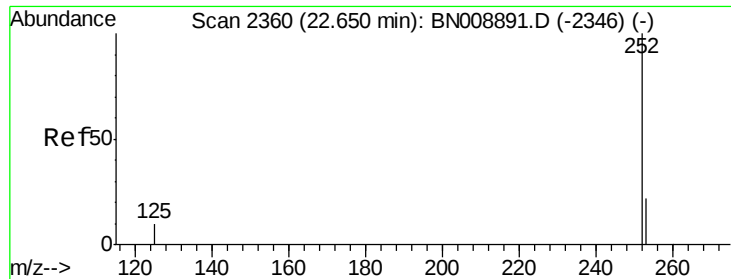


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.428 ng

RT: 22.64 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

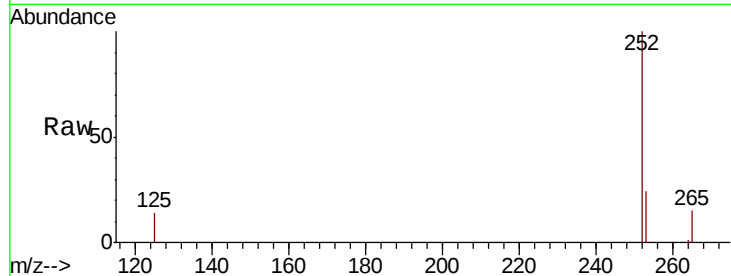
Tot Ion:252 Resp: 35306

Ion Ratio Lower Upper

252 100

253 24.1 19.8 29.6

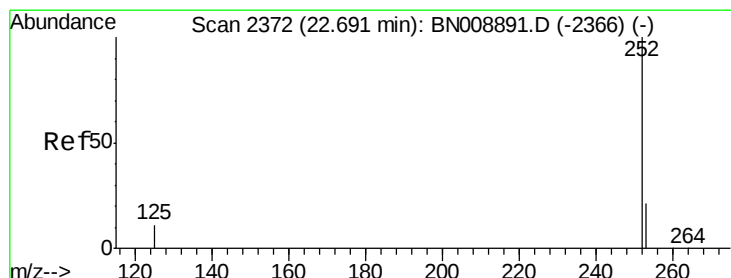
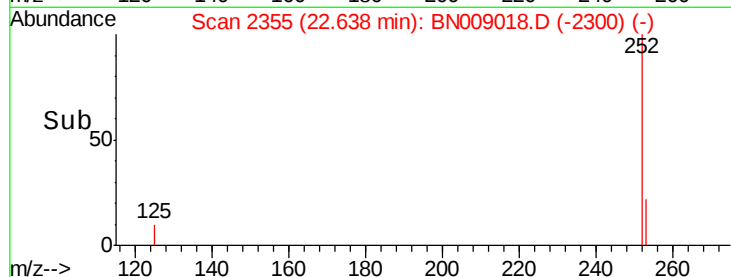
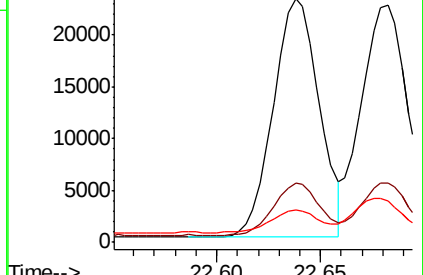
125 13.5 10.8 16.2



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: 0.430 ng

RT: 22.68 min Scan# 2368

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

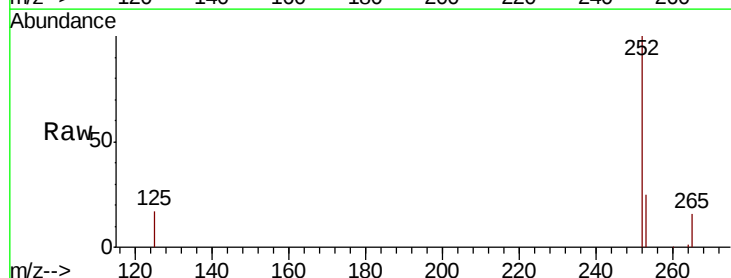
Tgt Ion:252 Resp: 35734

Ion Ratio Lower Upper

252 100

253 24.9 19.2 28.8

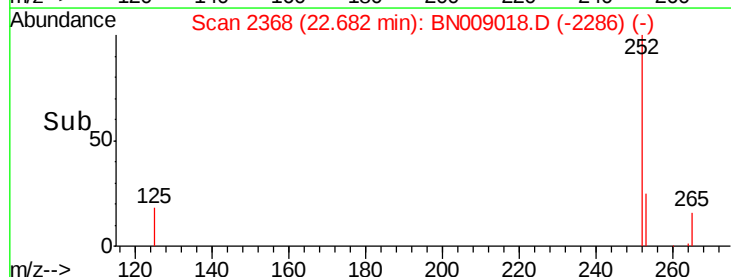
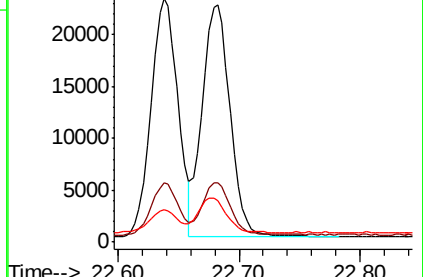
125 17.2 11.6 17.4

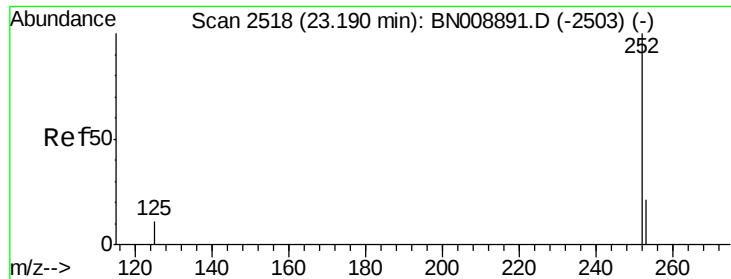


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.425 ng

RT: 23.18 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

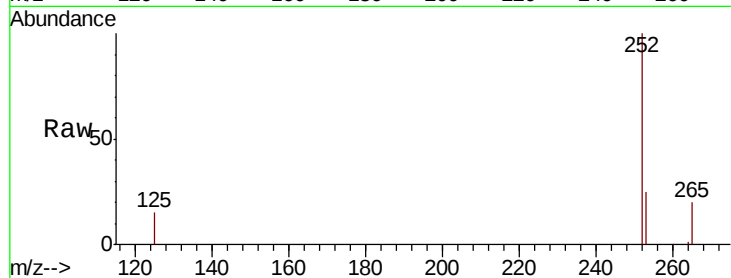
Tot Ion:252 Resp: 31490

Ion Ratio Lower Upper

252 100

253 24.6 19.9 29.9

125 15.3 12.3 18.5

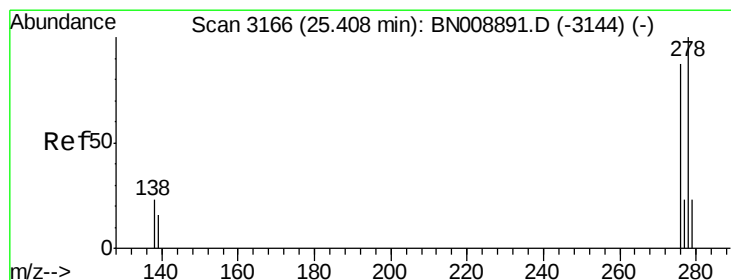
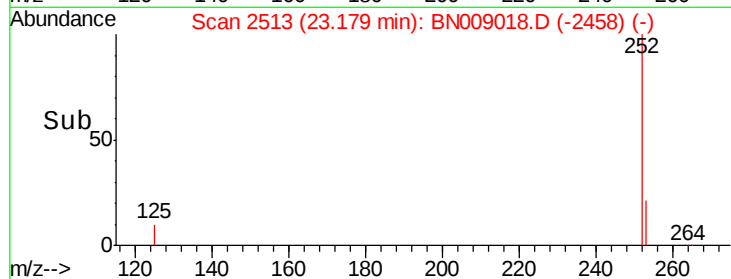
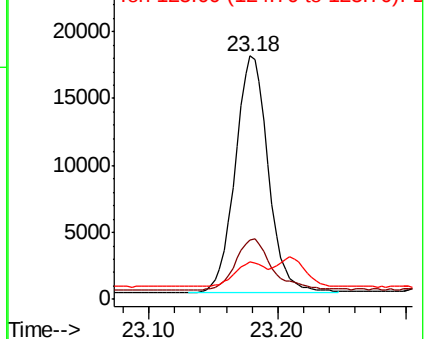


Abundance

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: 0.408 ng

RT: 25.39 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

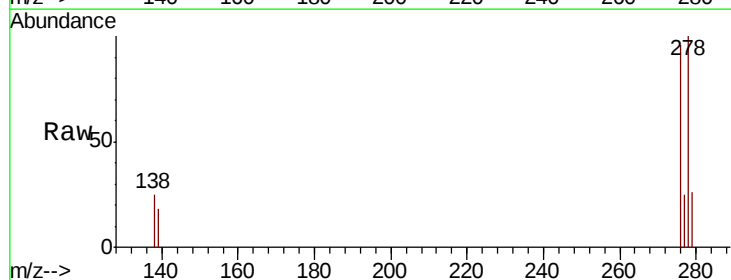
Tgt Ion:278 Resp: 28360

Ion Ratio Lower Upper

278 100

139 17.9 13.9 20.9

279 25.9 20.2 30.4

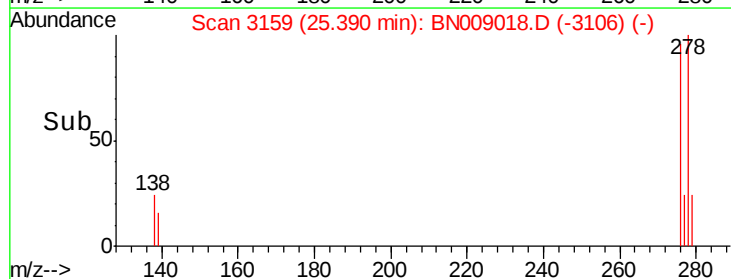
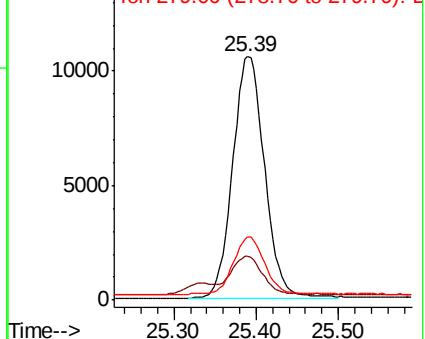


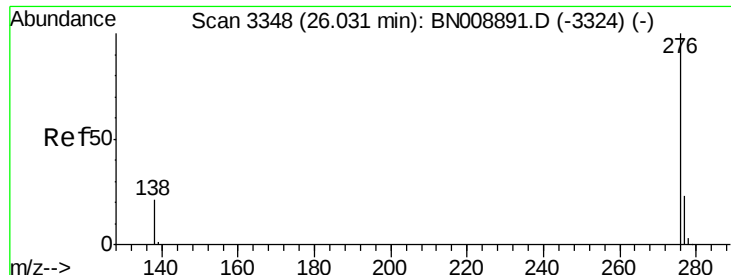
Abundance

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: 0.418 ng

RT: 26.02 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BN009018.D

Acq: 17 Dec 2019 18:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

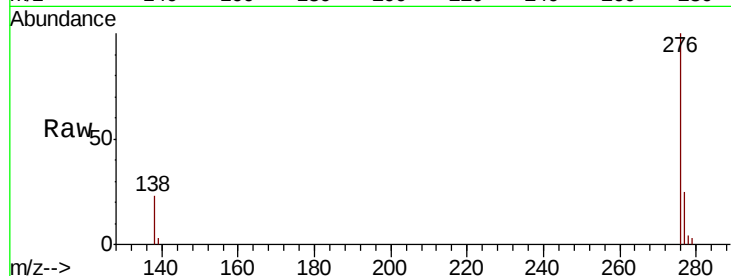
Tot Ion: 276 Resp: 28691

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 22.7 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

