

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
 Data File : BN011644.D
 Acq On : 26 Aug 2020 14:32
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Aug 26 15:45:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2031	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	7781	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	4745	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	10310	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	12065	0.40	ng	-0.01
36) Perylene-d12	23.58	264	12384	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2436	0.38	ng	0.00
5) Phenol-d6	6.91	99	3268	0.36	ng	0.00
8) Nitrobenzene-d5	8.88	82	2993	0.44	ng	-0.03
11) 2-Methylnaphthalene-d10	12.13	152	5597	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	913	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	7775	0.42	ng	-0.01
27) Fluoranthene-d10	19.17	212	13246	0.39	ng	0.00
31) Terphenyl-d14	19.77	244	11826	0.38	ng	0.00

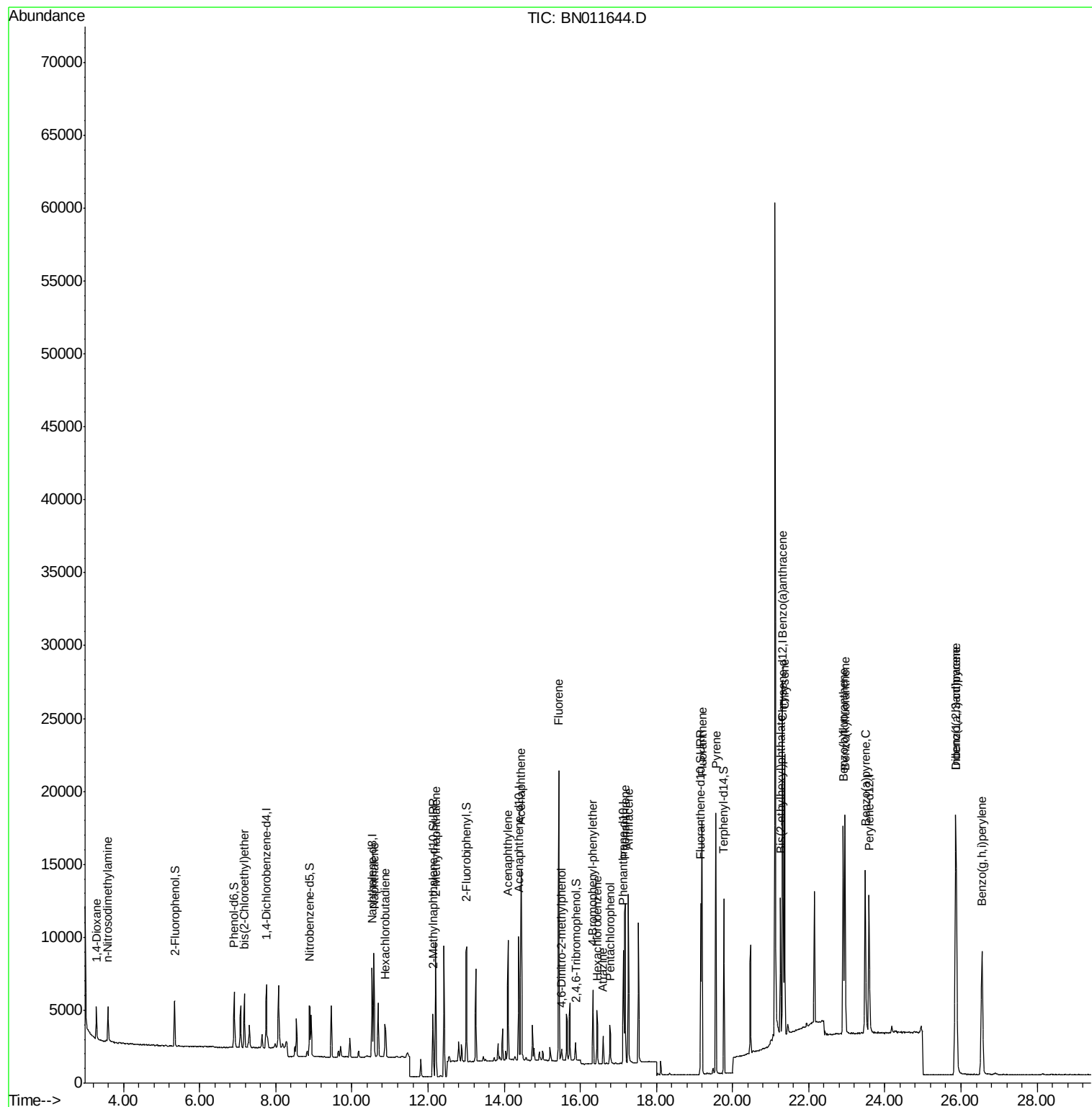
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1368	0.434	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	1571	0.474	ng	# 92
6) bis(2-Chloroethyl)ether	7.18	93	2648	0.406	ng	95
9) Naphthalene	10.58	128	8868	0.401	ng	94
10) Hexachlorobutadiene	10.87	225	1929	0.416	ng	# 98
12) 2-Methylnaphthalene	12.20	142	6259	0.383	ng	98
16) Acenaphthylene	14.10	152	8899	0.356	ng	99
17) Acenaphthene	14.45	154	6264	0.395	ng	97
18) Fluorene	15.44	166	7816	0.381	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	598	0.503	ng	# 29
21) 4-Bromophenyl-phenylether	16.32	248	2350	0.391	ng	98
22) Hexachlorobenzene	16.44	284	2904	0.418	ng	98
23) Atrazine	16.59	200	1640	0.276	ng	97
24) Pentachlorophenol	16.77	266	1323	0.431	ng	95
25) Phenanthrene	17.18	178	13008	0.406	ng	100
26) Anthracene	17.26	178	11597	0.368	ng	100
28) Fluoranthene	19.20	202	15793	0.407	ng	99
30) Pyrene	19.56	202	16236	0.380	ng	100
32) Benzo(a)anthracene	21.31	228	17058	0.392	ng	99
33) Chrysene	21.36	228	17185	0.414	ng	99
34) Bis(2-ethylhexyl)phthalate	21.26	149	7789	0.230	ng	96
35) Indeno(1,2,3-cd)pyrene	25.86	276	22093	0.436	ng	# 100
37) Benzo(b)fluoranthene	22.91	252	18443	0.411	ng	# 95
38) Benzo(k)fluoranthene	22.95	252	18898	0.424	ng	# 91
39) Benzo(a)pyrene	23.48	252	16366	0.391	ng	97
40) Dibenzo(a,h)anthracene	25.87	278	18253	0.418	ng	# 94
41) Benzo(g,h,i)perylene	26.55	276	17832	0.420	ng	95

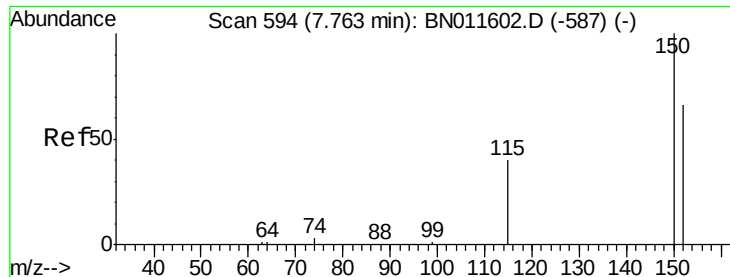
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 592

Delta R.T. -0.02 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

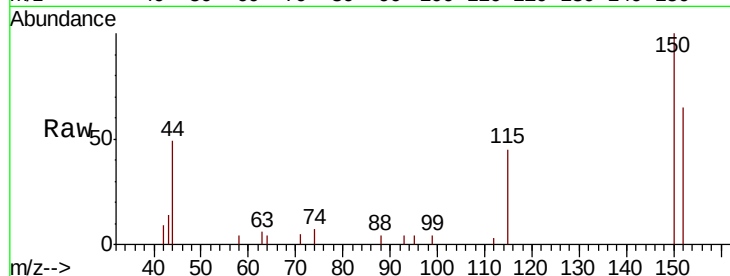
Tot Ion:152 Resp: 2031

Ion Ratio Lower Upper

152 100

150 153.7 112.4 168.6

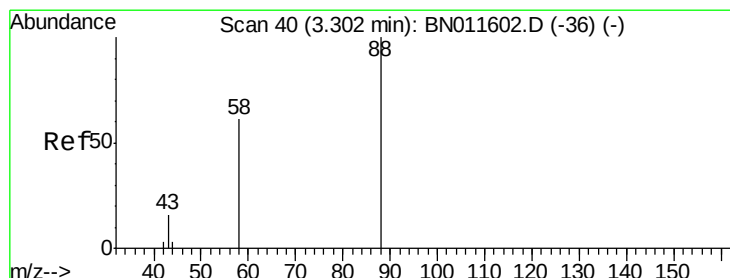
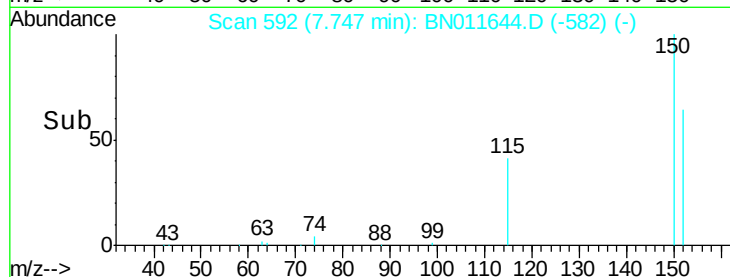
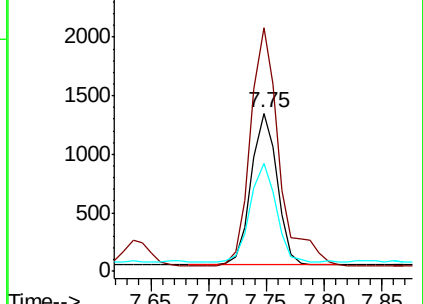
115 68.5 56.9 85.3



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: 0.434 ng

RT: 3.29 min Scan# 38

Delta R.T. -0.02 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

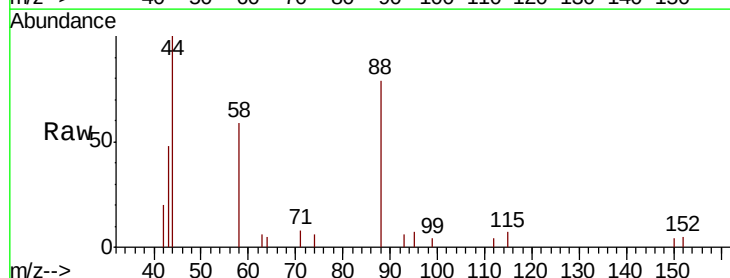
Tgt Ion: 88 Resp: 1368

Ion Ratio Lower Upper

88 100

58 74.0 3.0 4.4#

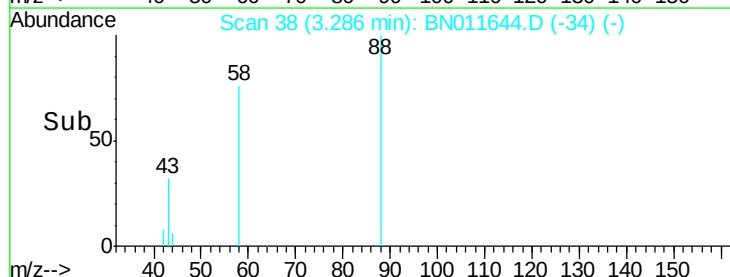
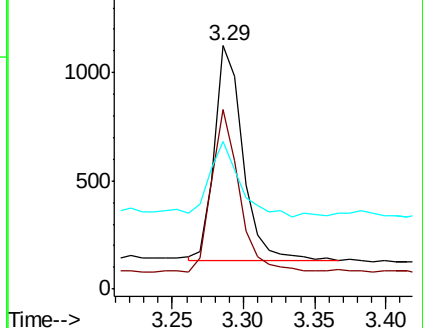
43 33.5 0.0 0.0#

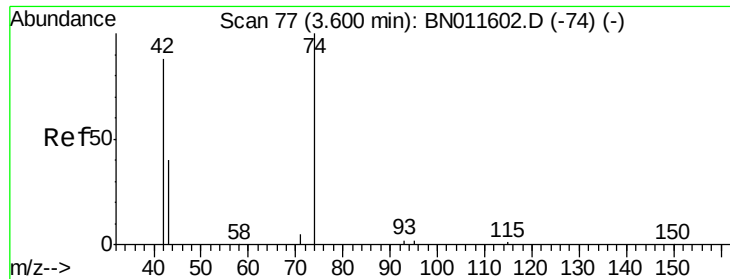


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.474 ng

RT: 3.59 min Scan# 76

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

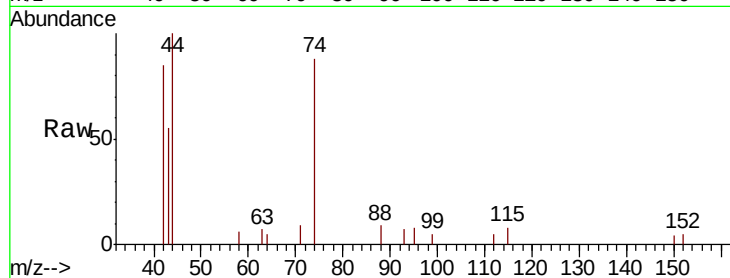
Tot Ion: 42 Resp: 1571

Ion Ratio Lower Upper

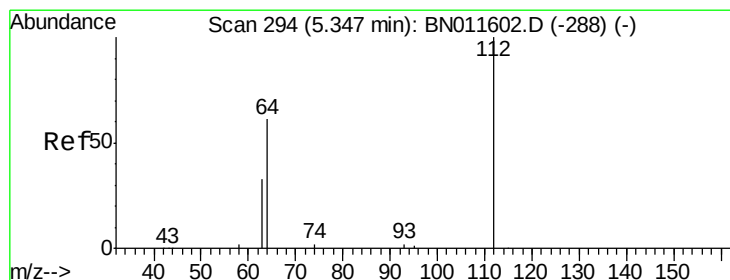
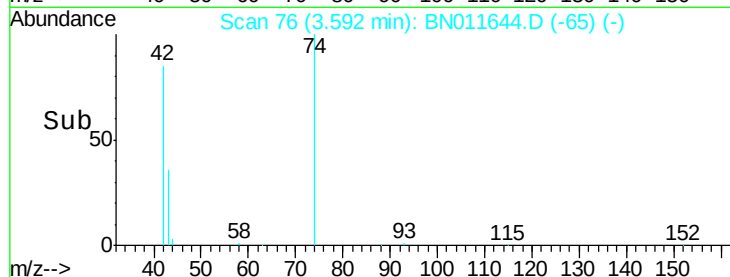
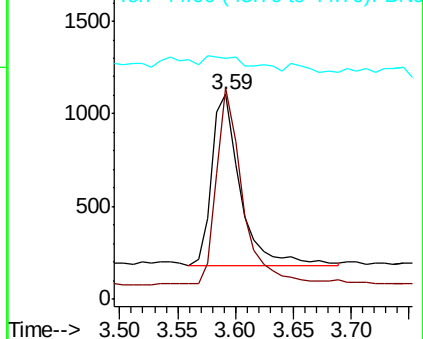
42 100

74 105.9 0.0 0.0#

44 13.4 8.2 12.4#



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



#4

2-Fluorophenol

Concen: 0.375 ng

RT: 5.34 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

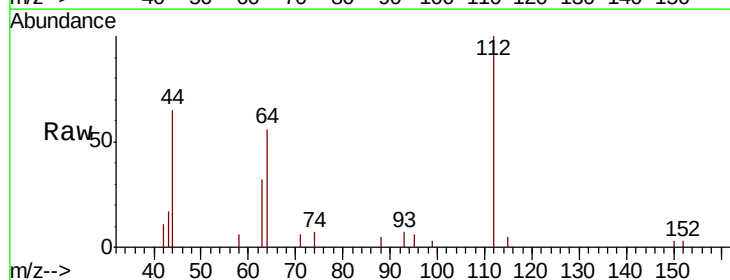
Tgt Ion: 112 Resp: 2436

Ion Ratio Lower Upper

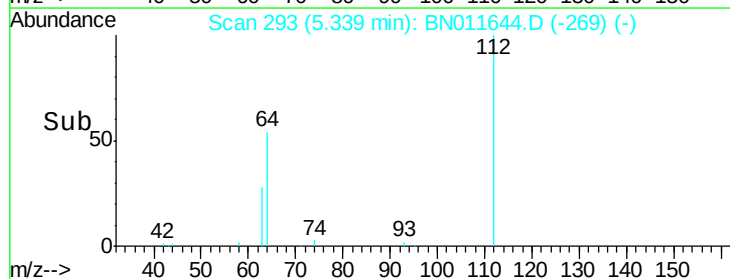
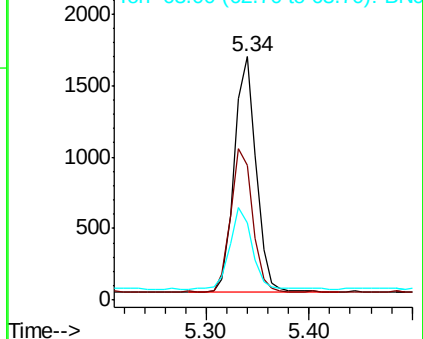
112 100

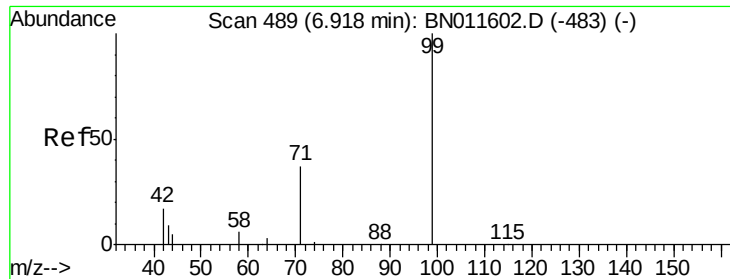
64 60.8 49.6 74.4

63 34.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.356 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

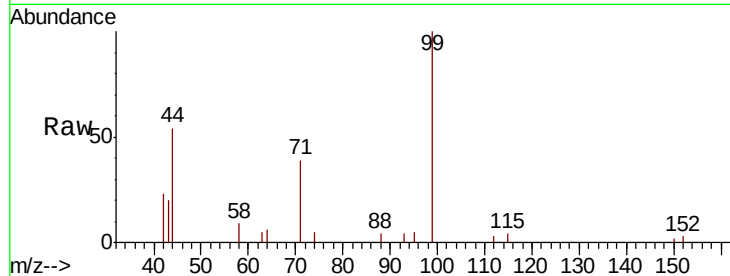
Tot Ion: 99 Resp: 3268

Ion Ratio Lower Upper

99 100

42 23.1 0.0 0.0#

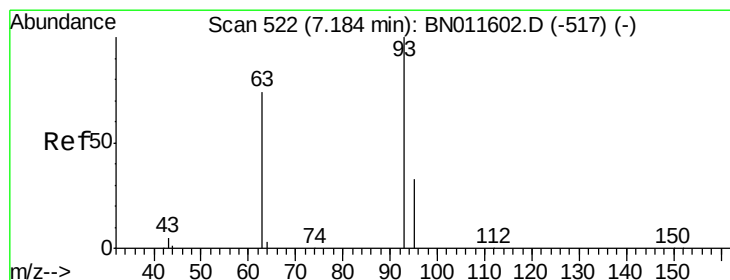
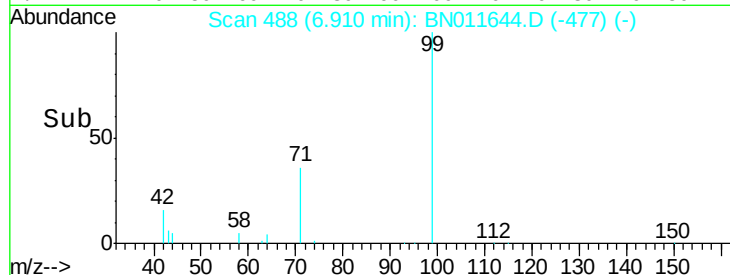
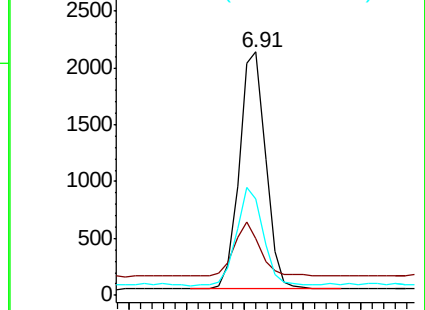
71 41.5 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011644.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011644.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011644.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.406 ng

RT: 7.18 min Scan# 521

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

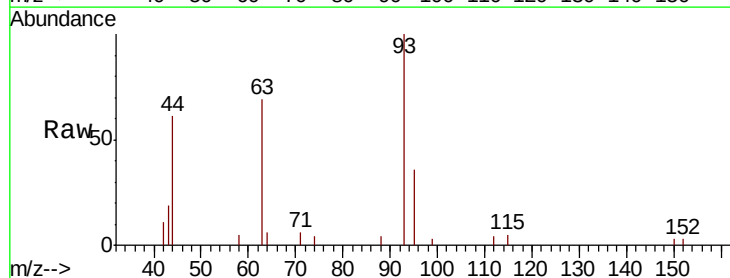
Tgt Ion: 93 Resp: 2648

Ion Ratio Lower Upper

93 100

63 76.2 57.8 86.8

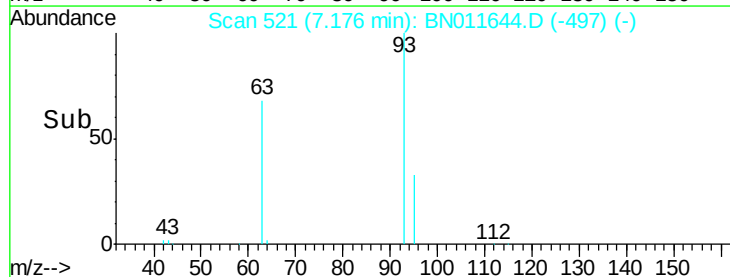
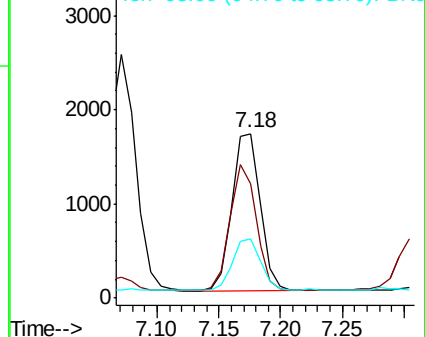
95 31.7 28.3 42.5

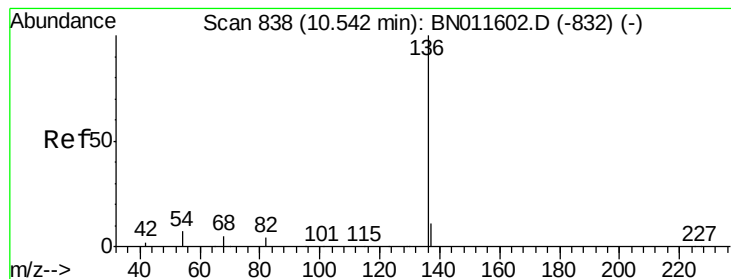


Abundance Ion 93.00 (92.70 to 93.70): BN011644.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN011644.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011644.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7781

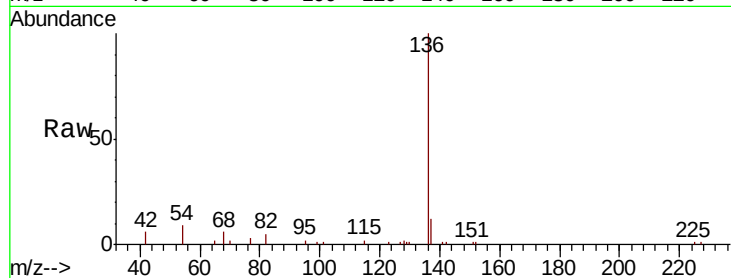
Ion Ratio Lower Upper

136 100

137 12.0 11.5 17.3

54 8.9 11.9 17.9#

68 6.5 12.3 18.5#

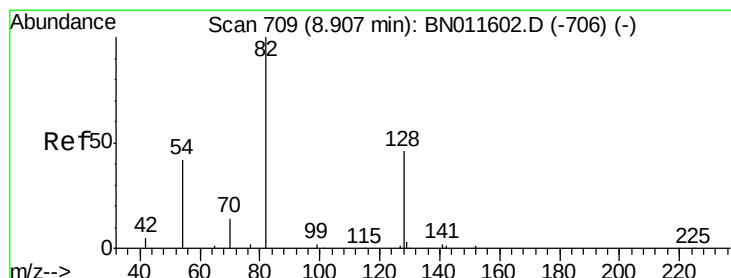
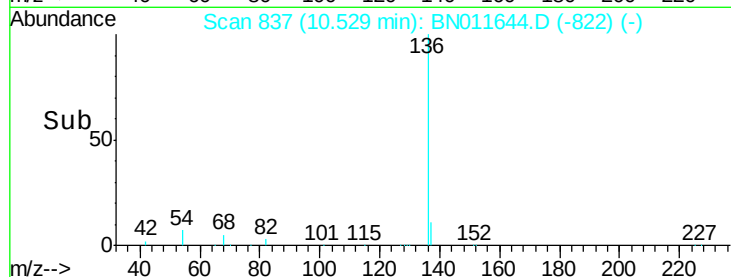
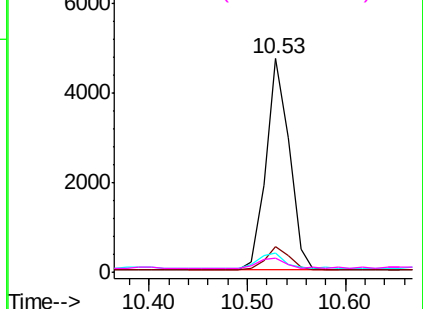


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.444 ng

RT: 8.88 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

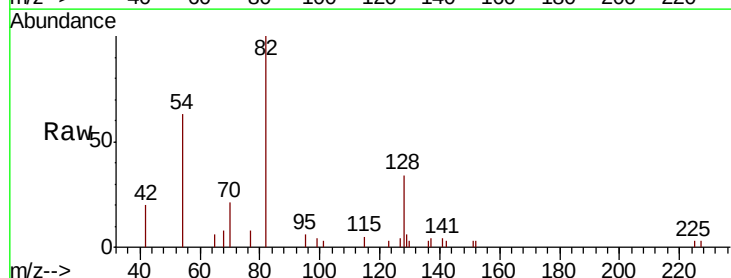
Tgt Ion: 82 Resp: 2993

Ion Ratio Lower Upper

82 100

128 33.5 31.1 46.7

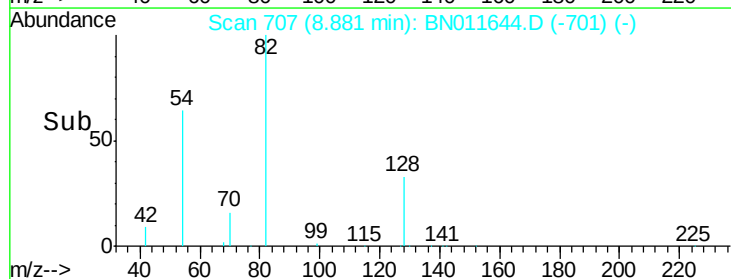
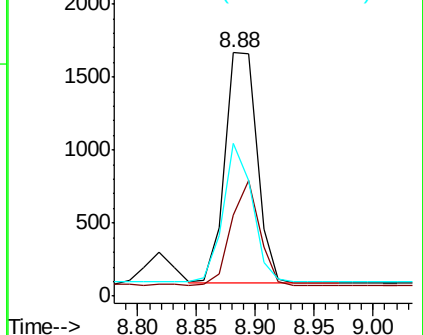
54 62.8 37.1 55.7#

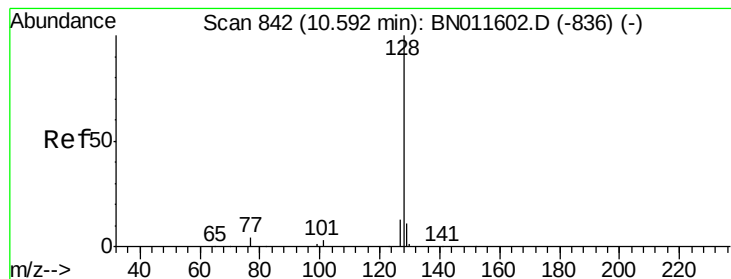


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.58 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

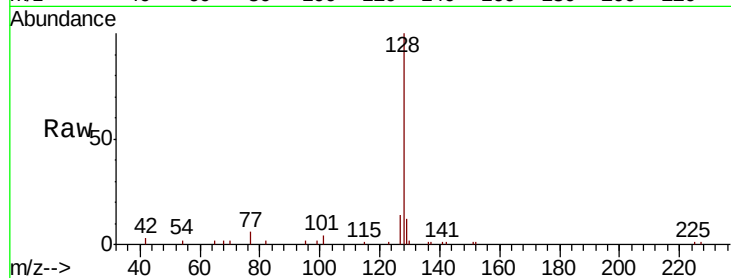
Tot Ion:128 Resp: 8868

Ion Ratio Lower Upper

128 100

129 11.8 11.0 16.4

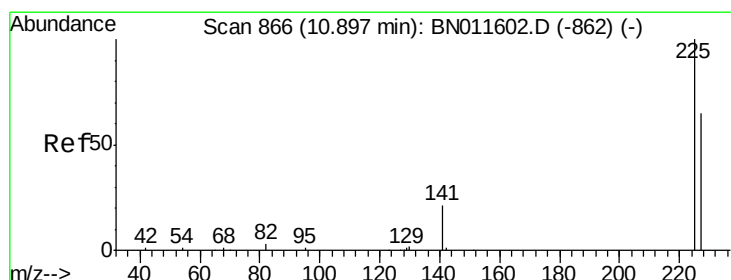
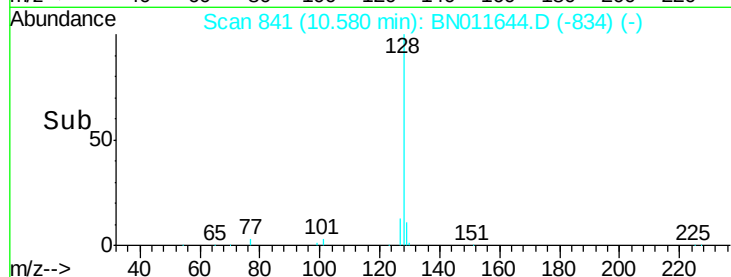
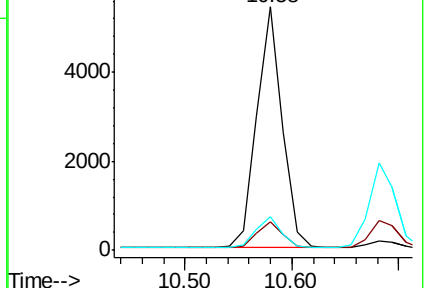
127 13.8 13.5 20.3



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: 0.416 ng

RT: 10.87 min Scan# 864

Delta R.T. -0.03 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

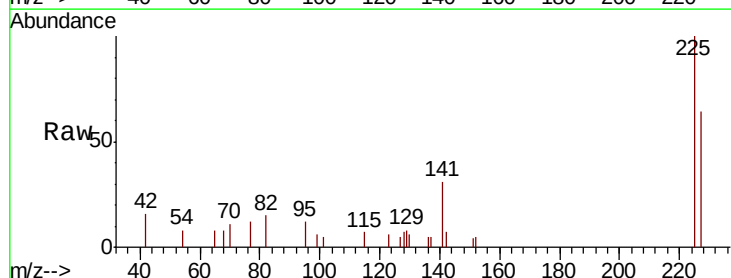
Tgt Ion:225 Resp: 1929

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

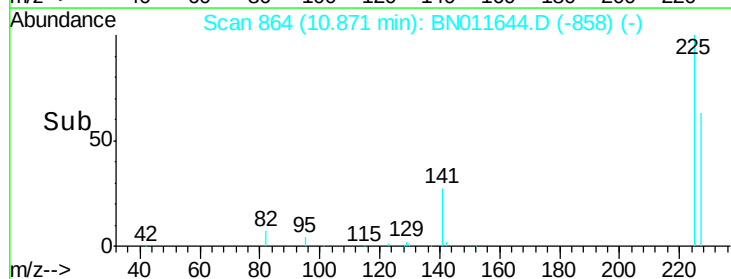
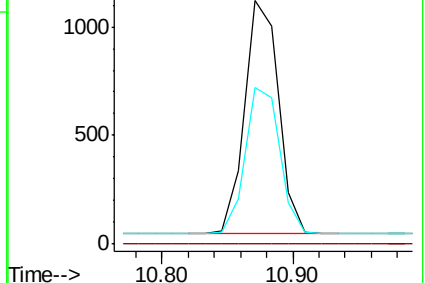
227 64.0 50.2 75.2

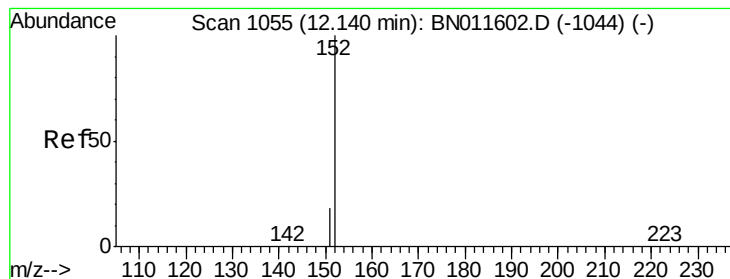


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.13 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

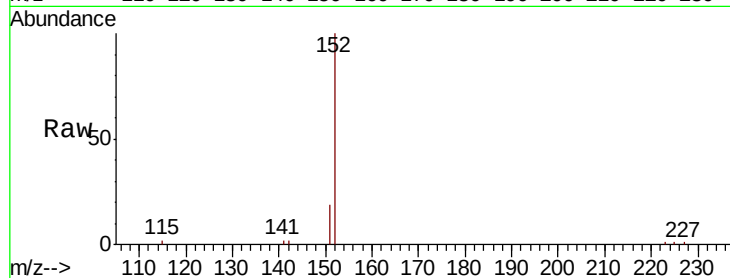
SSTDCCC0.4

Tot Ion:152 Resp: 5597

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.13

4000

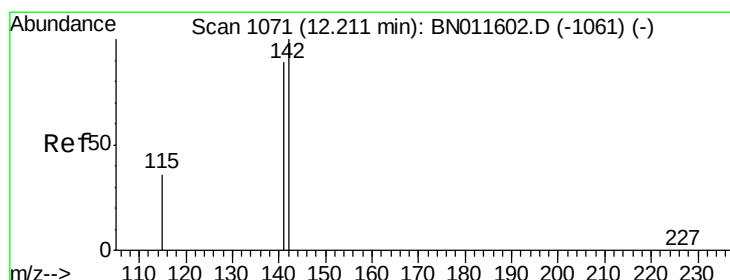
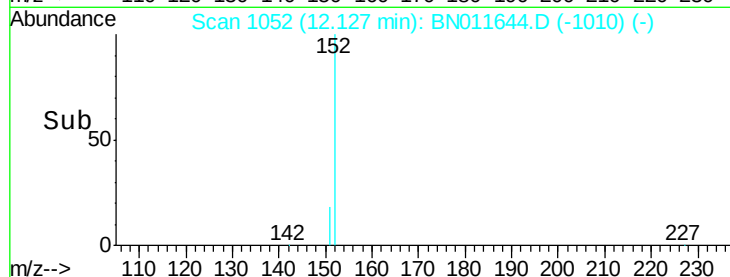
3000

2000

1000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.383 ng

RT: 12.20 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

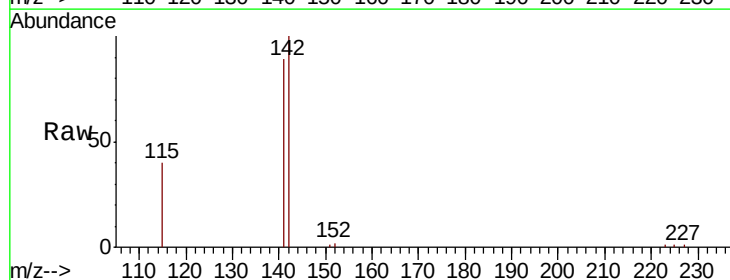
Tgt Ion:142 Resp: 6259

Ion Ratio Lower Upper

142 100

141 89.4 72.7 109.1

115 39.8 32.7 49.1



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

12.20

5000

4000

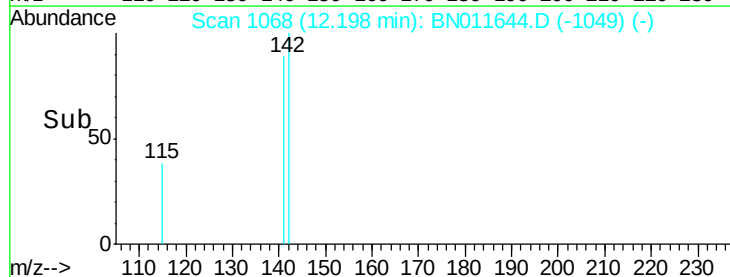
3000

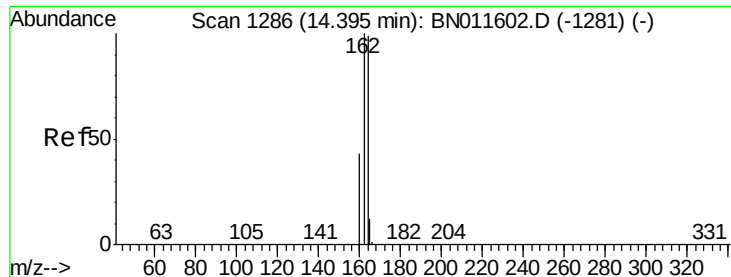
2000

1000

0

Time--> 12.10 12.15 12.20 12.25





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

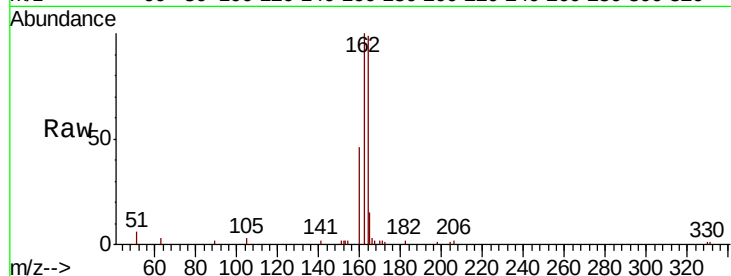
Tot Ion:164 Resp: 4745

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

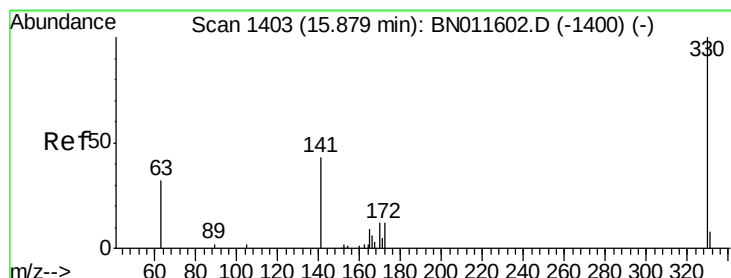
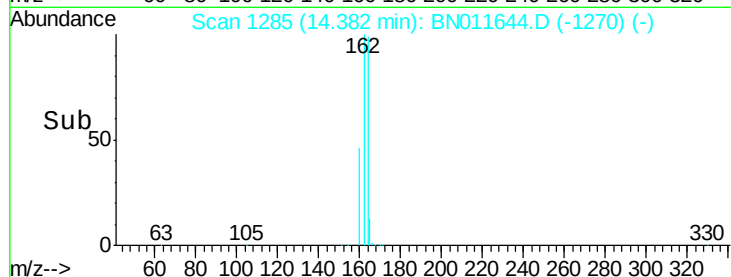
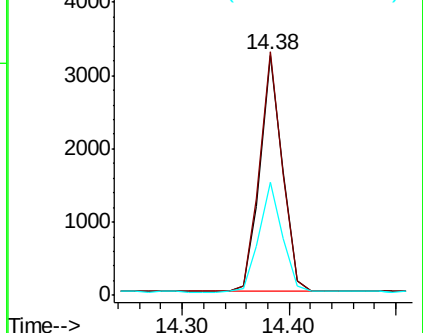
160 46.9 35.6 53.4



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: 0.350 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

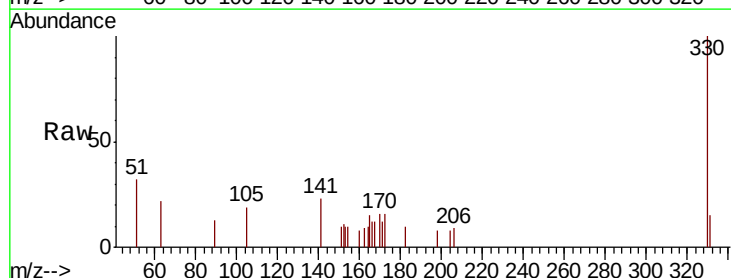
Tgt Ion:330 Resp: 913

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

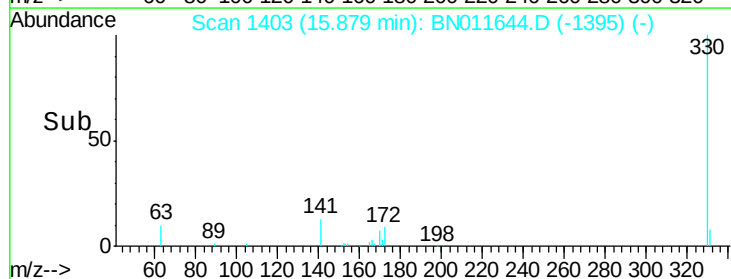
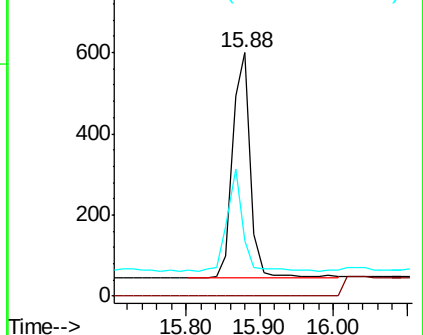
141 39.6 29.4 44.2

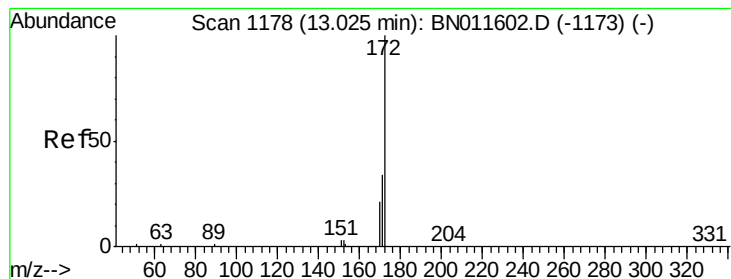


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.421 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

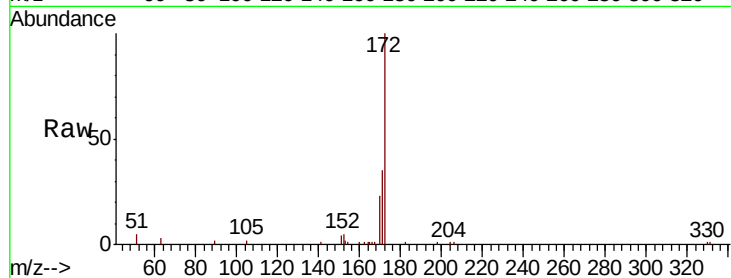
Tot Ion:172 Resp: 7775

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

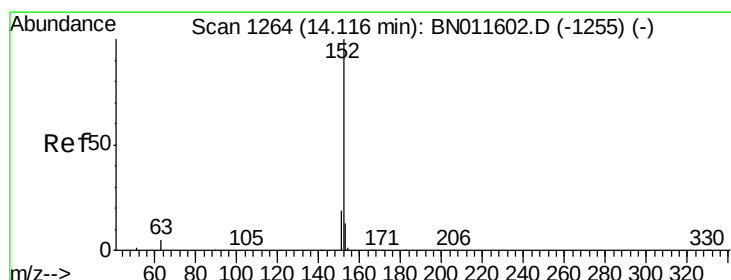
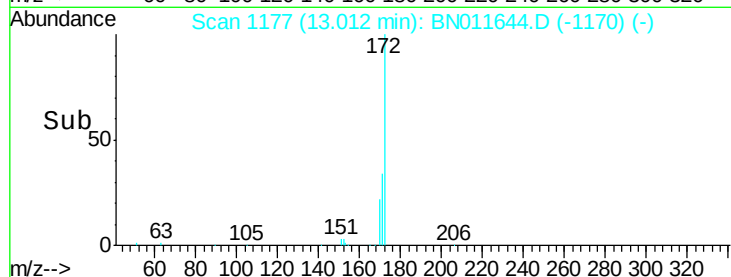
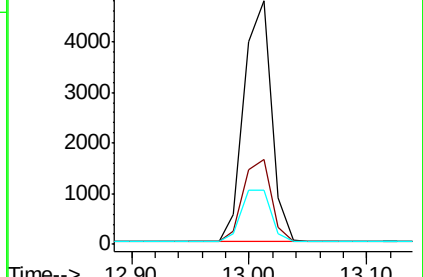
170 22.5 18.2 27.2



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: 0.356 ng

RT: 14.10 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

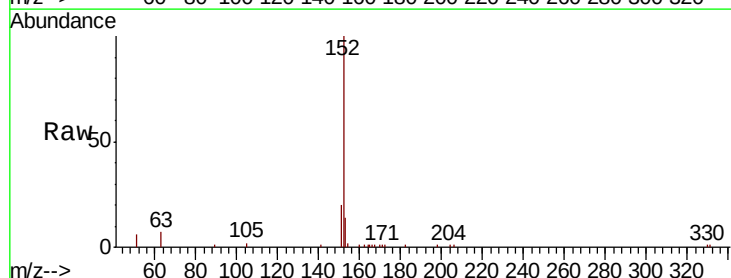
Tgt Ion:152 Resp: 8899

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

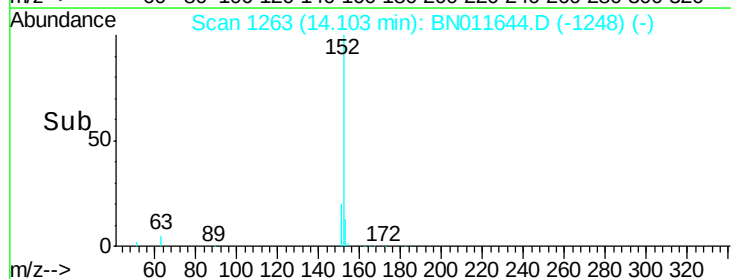
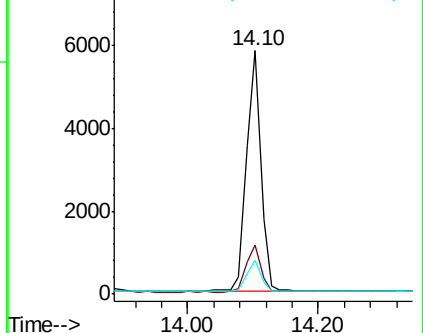
153 13.1 11.0 16.4

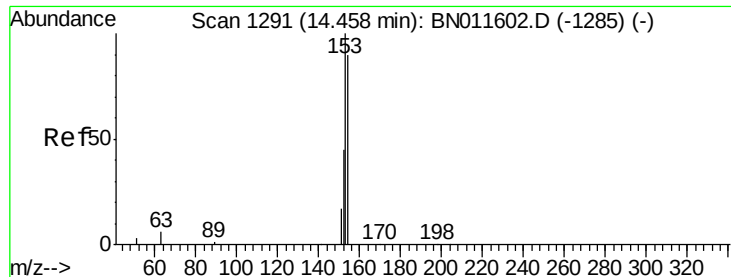


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.395 ng

RT: 14.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

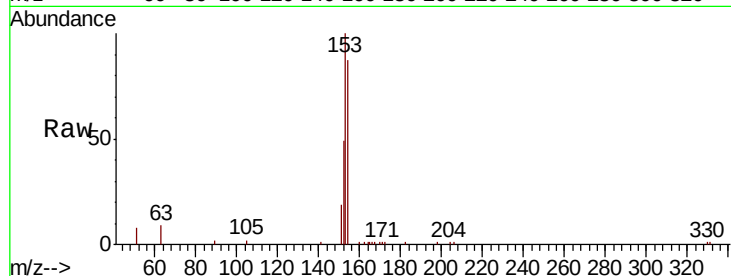
Tot Ion:154 Resp: 6264

Ion Ratio Lower Upper

154 100

153 109.5 86.6 130.0

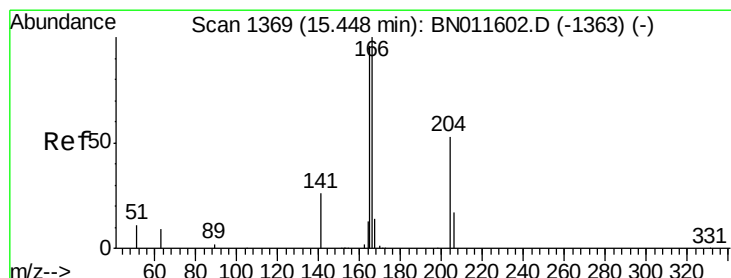
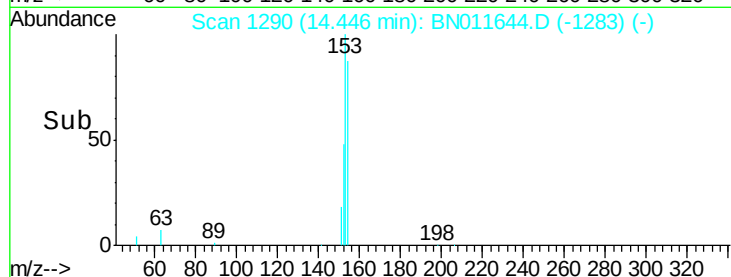
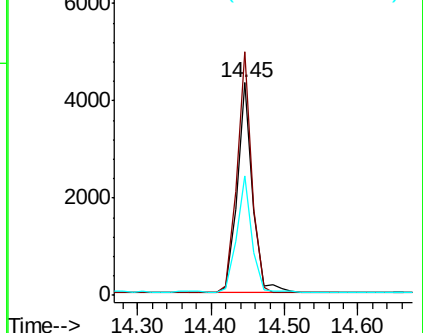
152 54.0 40.1 60.1



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: 0.381 ng

RT: 15.44 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

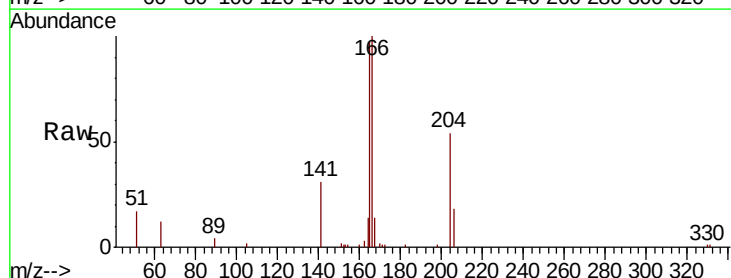
Tgt Ion:166 Resp: 7816

Ion Ratio Lower Upper

166 100

165 97.6 77.4 116.2

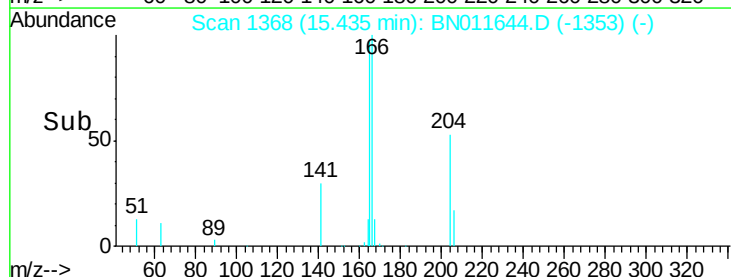
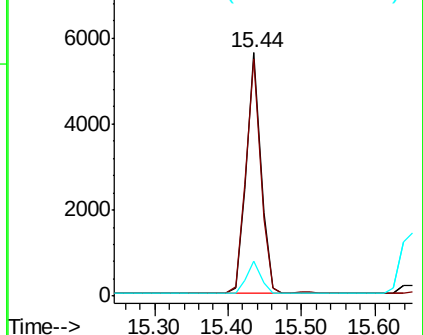
167 13.1 11.5 17.3

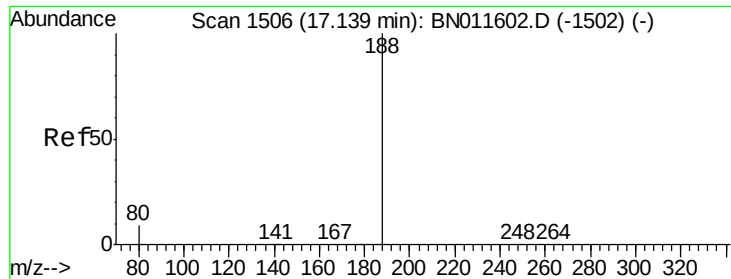


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

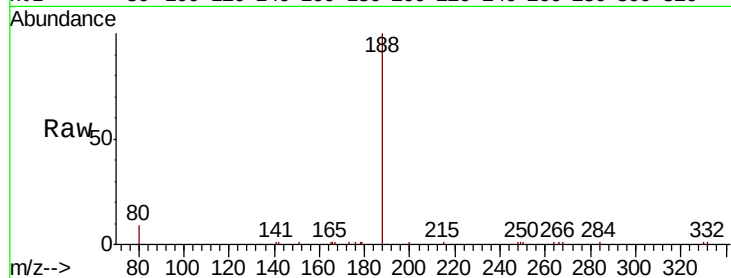
Tot Ion:188 Resp: 10310

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

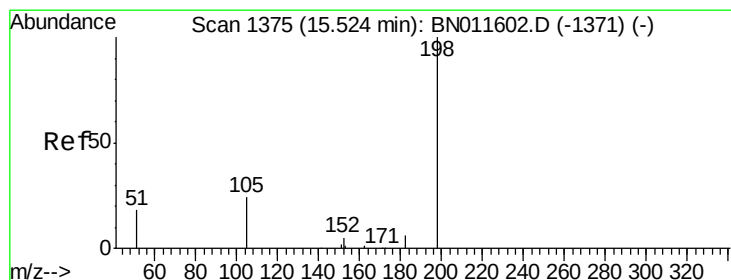
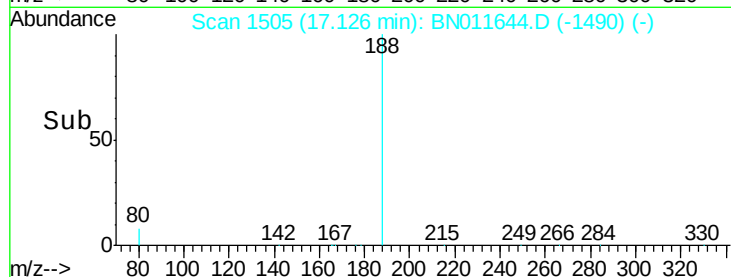
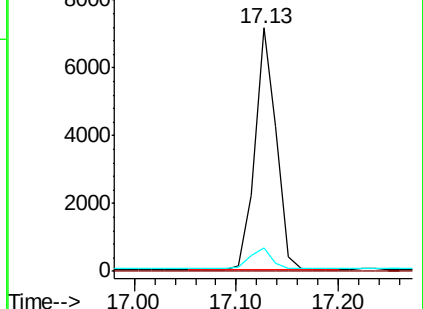
80 9.5 9.2 13.8



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

4,6-Dinitro-2-methylphenol

Concen: 0.503 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

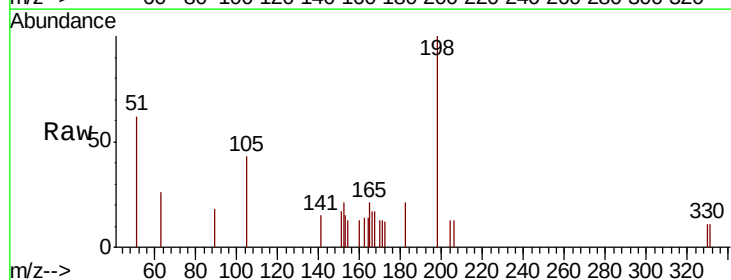
Tgt Ion:198 Resp: 598

Ion Ratio Lower Upper

198 100

51 62.1 99.6 149.4#

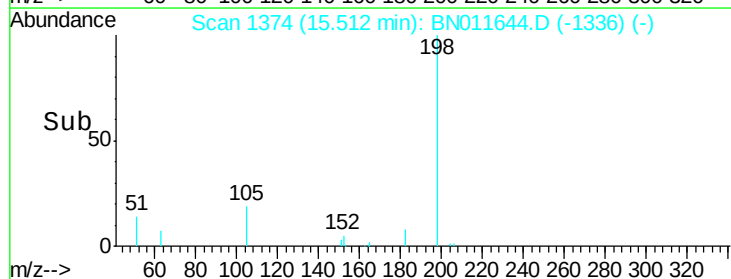
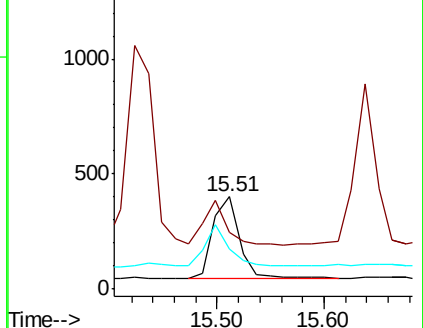
105 42.9 118.8 178.2#

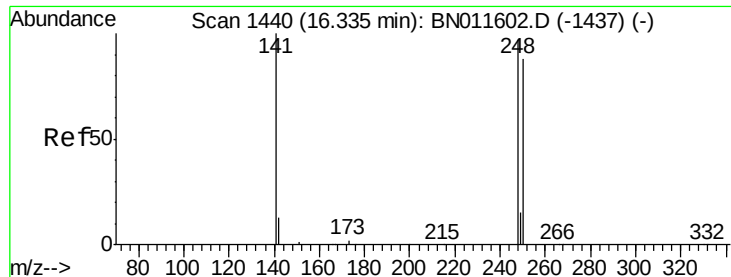


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.391 ng

RT: 16.32 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

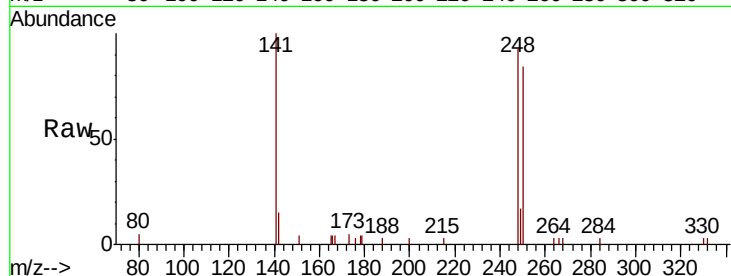
Tot Ion:248 Resp: 2350

Ion Ratio Lower Upper

248 100

250 90.5 73.4 110.2

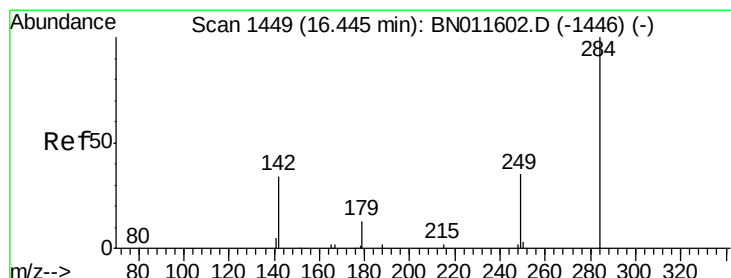
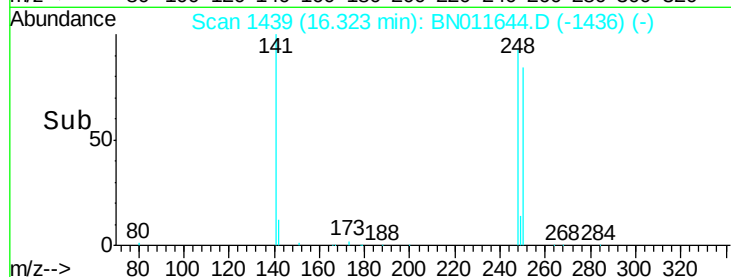
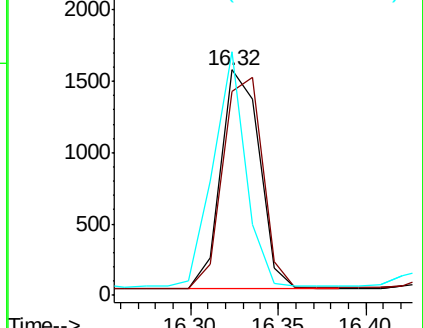
141 108.0 88.5 132.7



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



#22

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.44 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

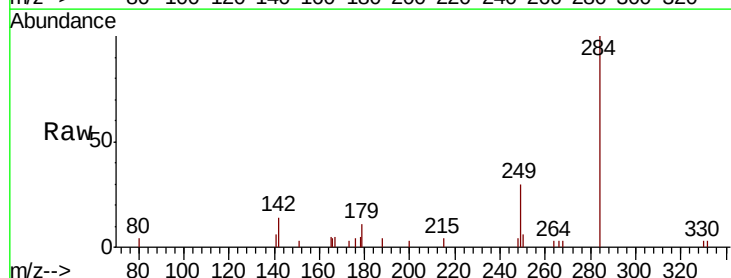
Tgt Ion:284 Resp: 2904

Ion Ratio Lower Upper

284 100

142 35.2 27.3 40.9

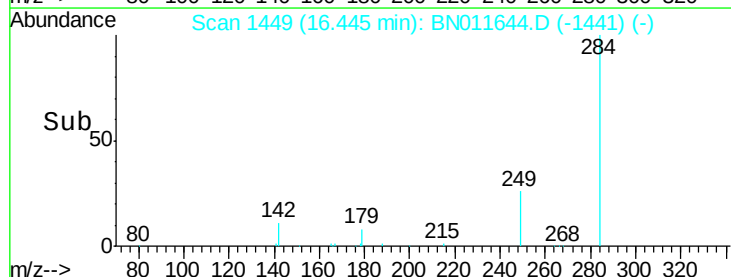
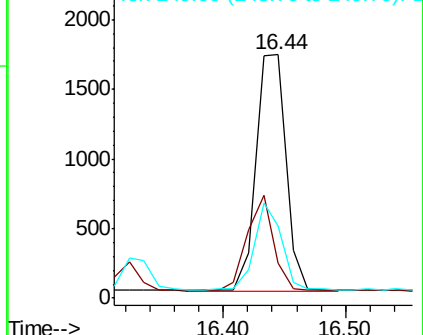
249 32.7 25.2 37.8

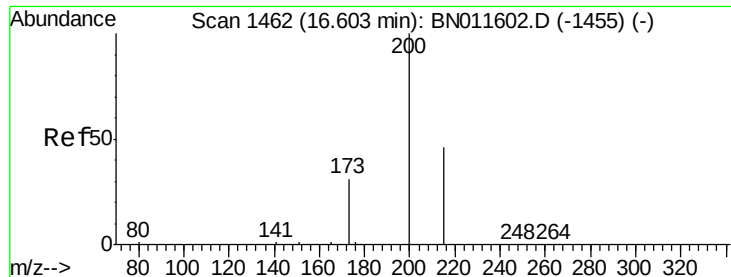


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

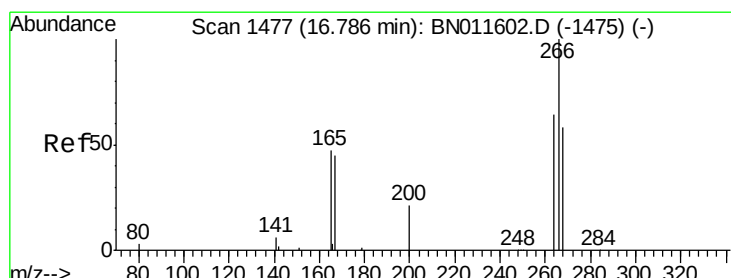
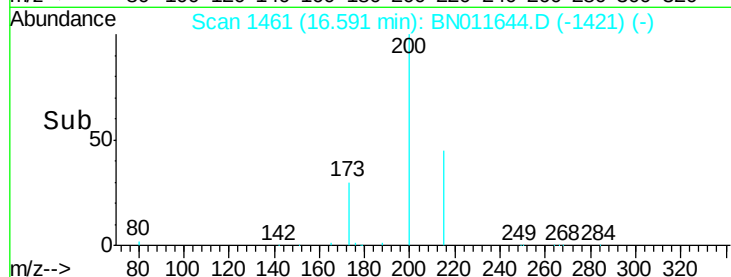
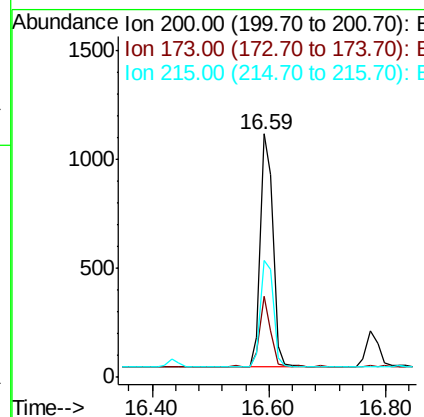
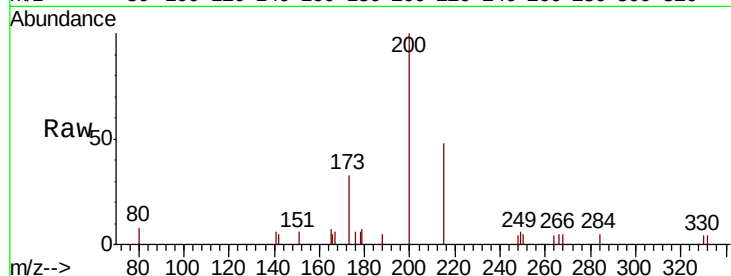




#23
Atrazine
Concen: 0.276 ng
RT: 16.59 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BN011644.D
Acq: 26 Aug 2020 14:32

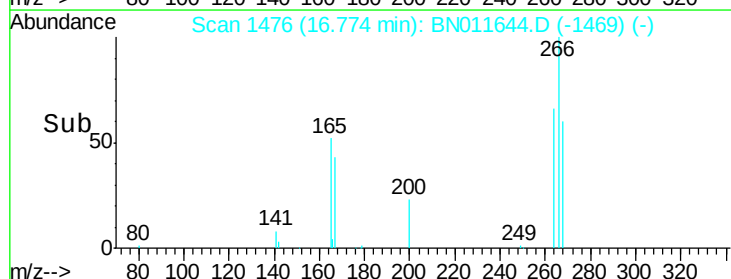
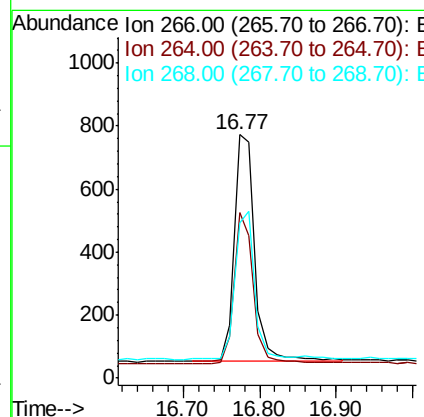
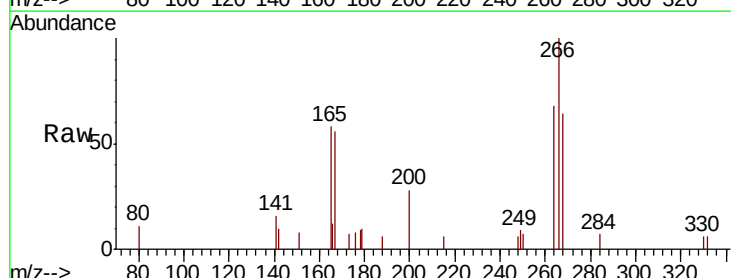
Instrument :
BNA_N
ClientSampled :
SSTDCCC0.4

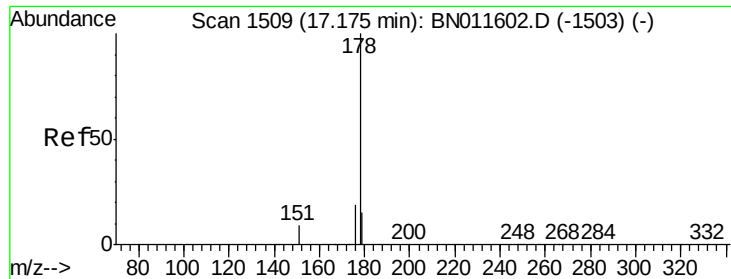
Tot Ion	Ratio	Lower	Upper
200	100		
173	33.1	28.2	42.4
215	47.8	39.8	59.6



#24
Pentachlorophenol
Concen: 0.431 ng
RT: 16.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BN011644.D
Acq: 26 Aug 2020 14:32

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.7	48.1	72.1
268	66.0	48.4	72.6





#25

Phenanthrene

Concen: 0.406 ng

RT: 17.18 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

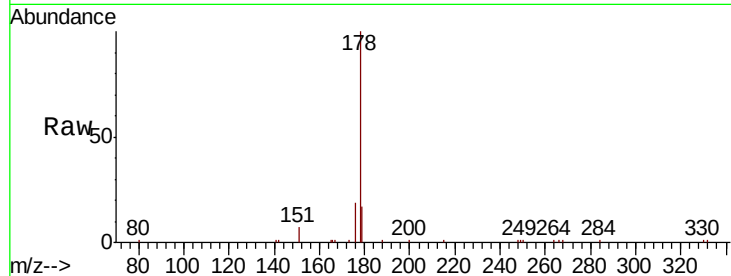
Tot Ion:178 Resp: 13008

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

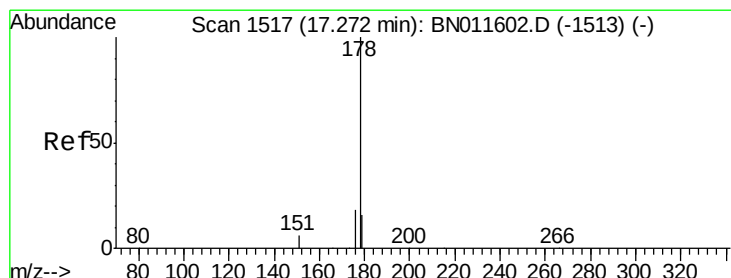
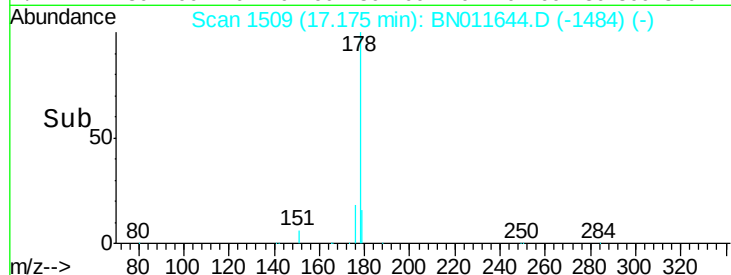
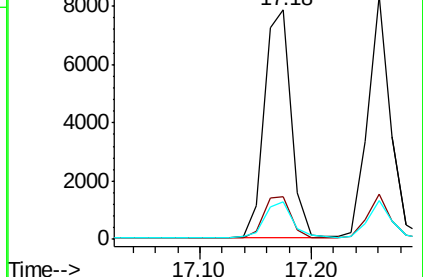
179 16.0 12.6 18.8



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



#26

Anthracene

Concen: 0.368 ng

RT: 17.26 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

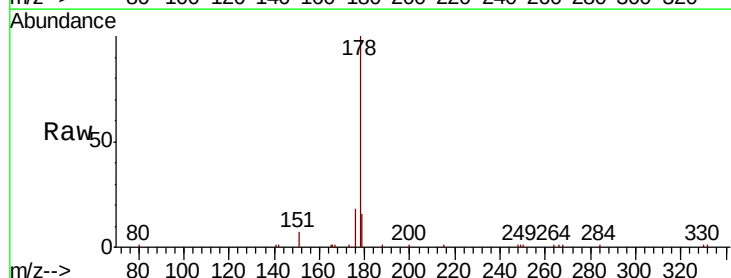
Tgt Ion:178 Resp: 11597

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

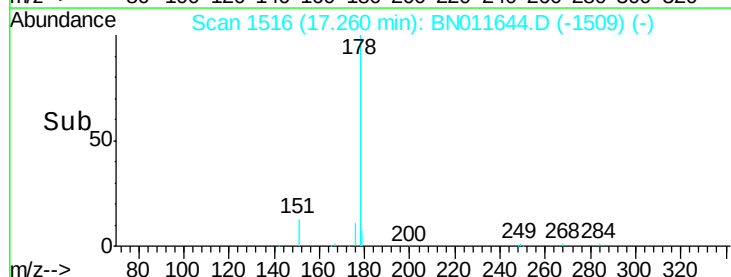
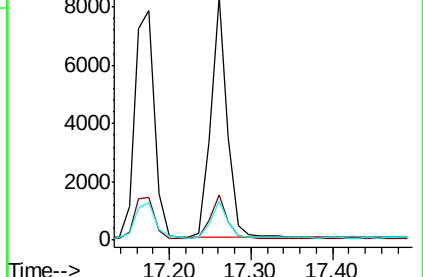
179 15.5 12.5 18.7

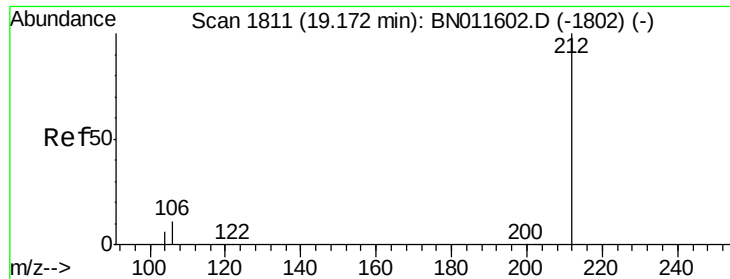


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

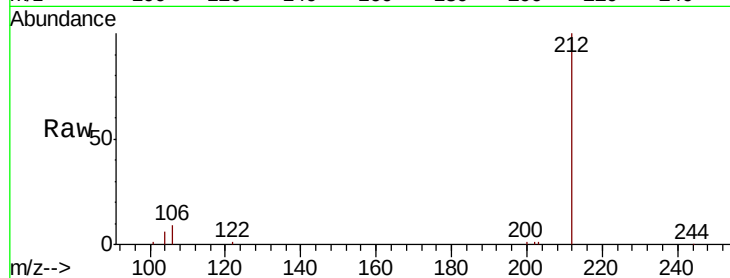




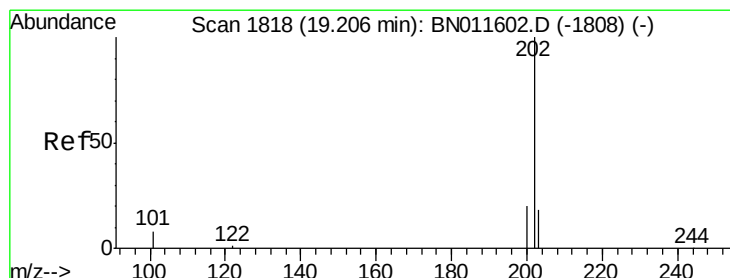
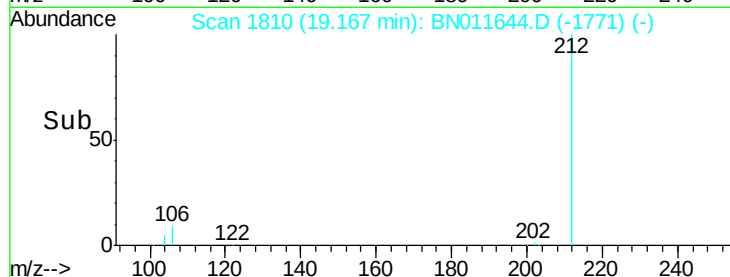
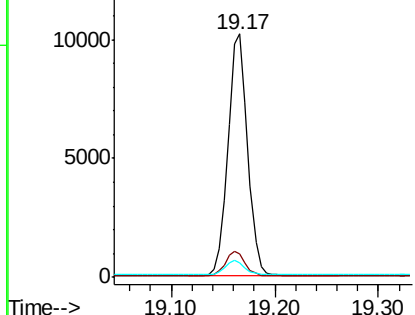
#27
 Fluoranthene-d10
 Concen: 0.394 ng
 RT: 19.17 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BN011644.D
 Acq: 26 Aug 2020 14:32

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.9	13.3
104	5.9	5.3	7.9

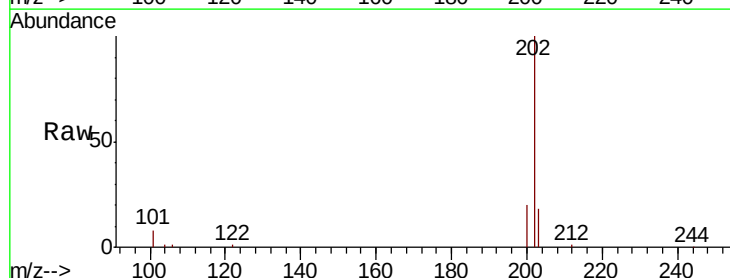


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

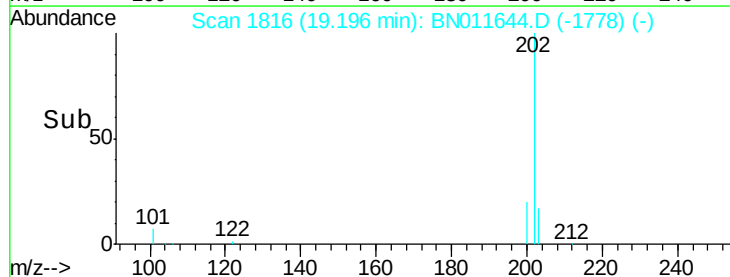
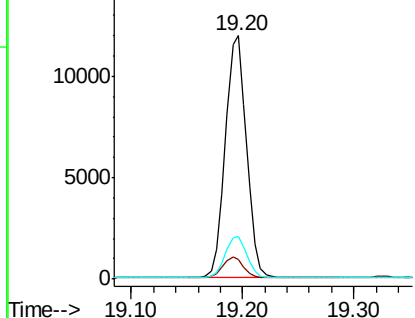


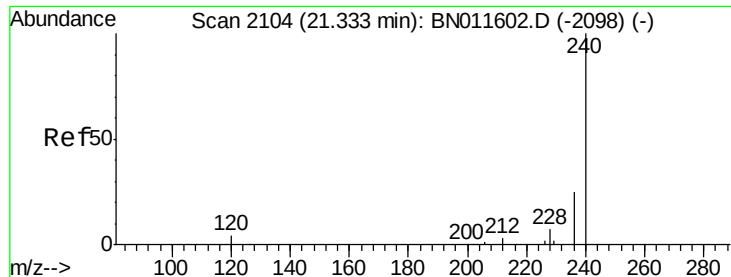
#28
 Fluoranthene
 Concen: 0.407 ng
 RT: 19.20 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BN011644.D
 Acq: 26 Aug 2020 14:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.7	11.5
203	17.4	13.9	20.9



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

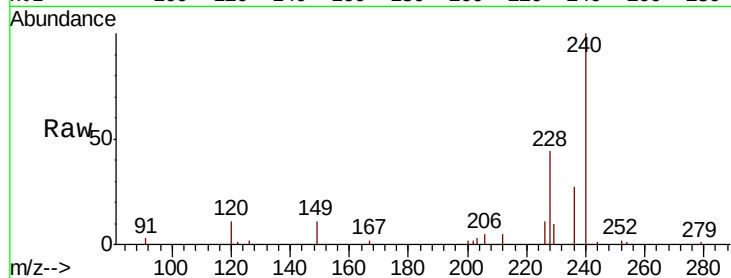




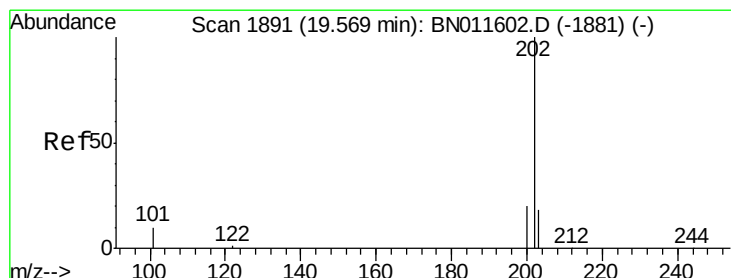
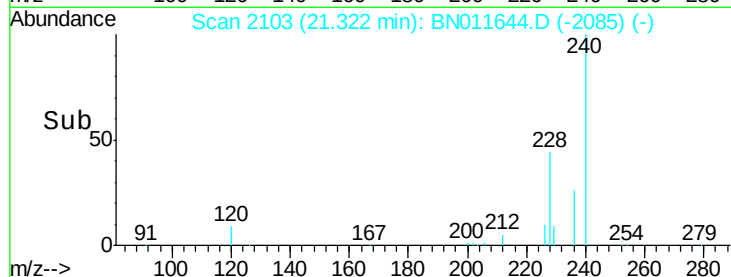
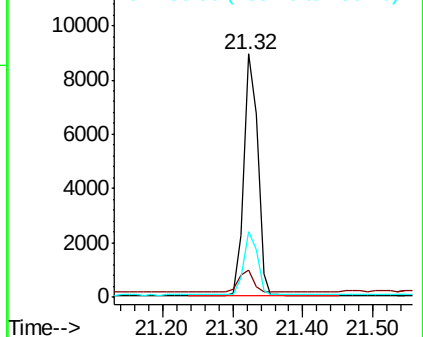
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011644.D
Acq: 26 Aug 2020 14:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 12065
Ion Ratio Lower Upper
240 100
120 11.1 6.0 9.0#
236 27.1 20.8 31.2

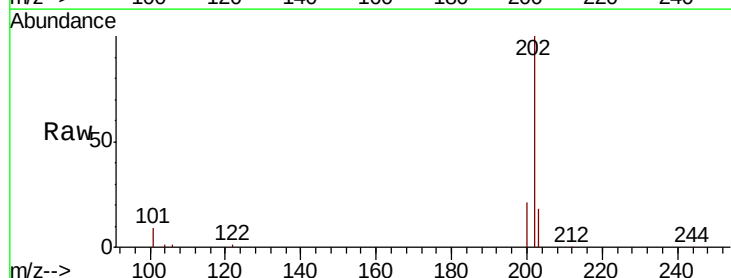


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

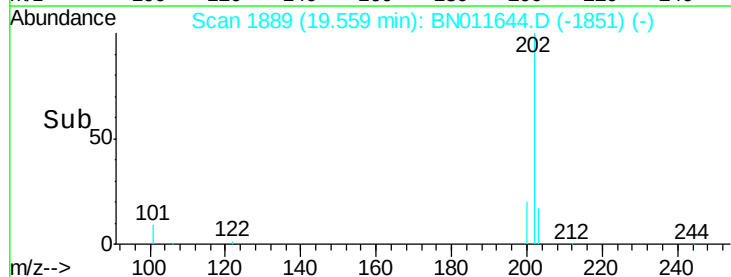
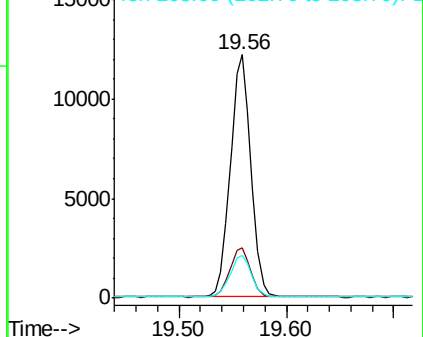


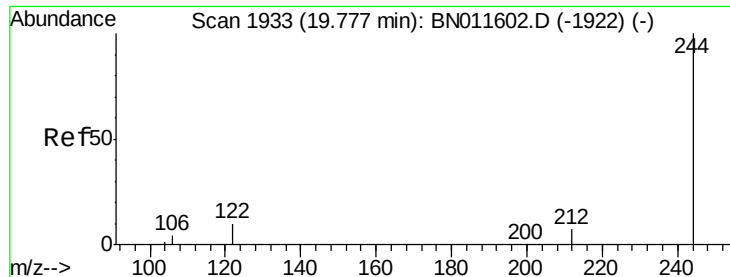
#30
Pyrene
Concen: 0.380 ng
RT: 19.56 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN011644.D
Acq: 26 Aug 2020 14:32

Tgt Ion:202 Resp: 16236
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 17.5 14.2 21.4



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





#31

Terphenyl-d14

Concen: 0.384 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

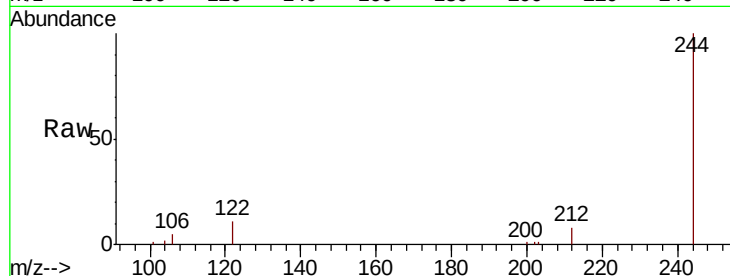
Tot Ion:244 Resp: 11826

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

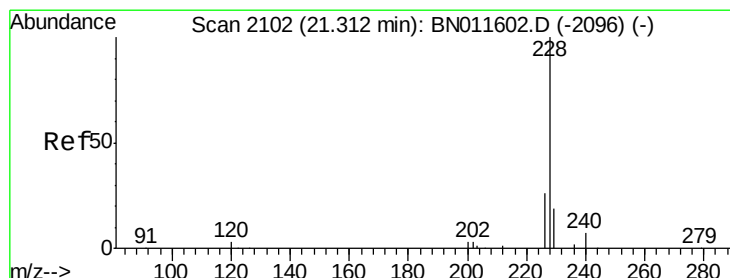
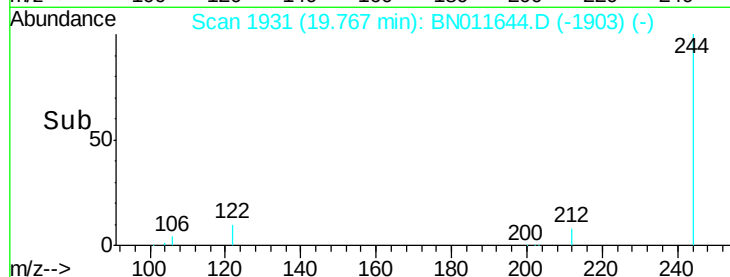
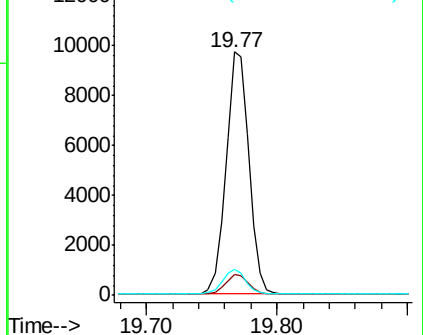
122 10.9 9.5 14.3



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



#32

Benzo(a)anthracene

Concen: 0.392 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

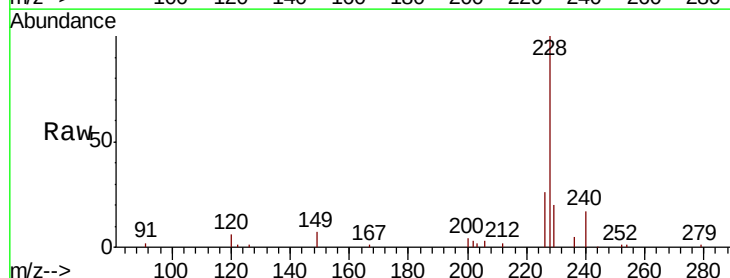
Tgt Ion:228 Resp: 17058

Ion Ratio Lower Upper

228 100

226 25.7 21.2 31.8

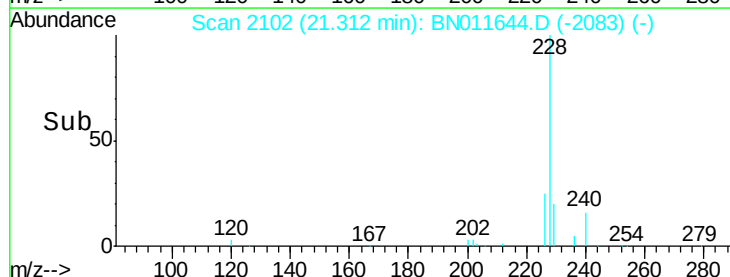
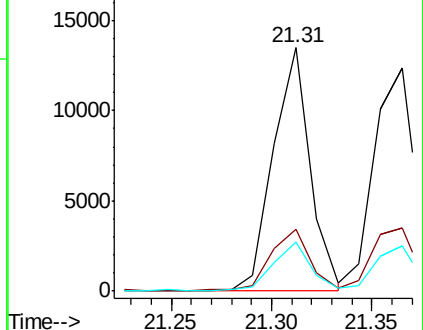
229 20.3 15.8 23.8

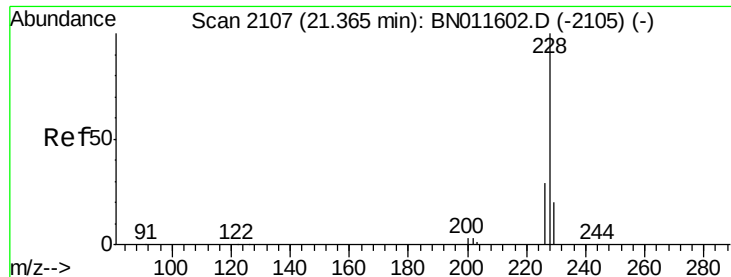


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.414 ng

RT: 21.36 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

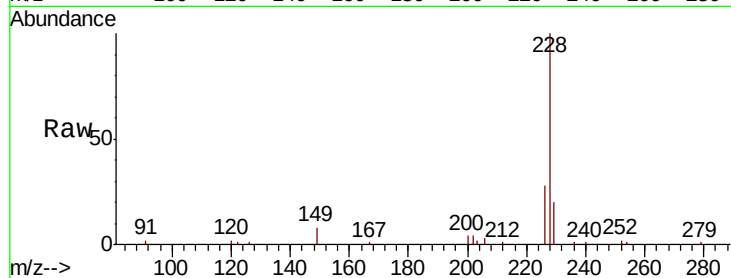
Tot Ion:228 Resp: 17185

Ion Ratio Lower Upper

228 100

226 28.4 23.6 35.4

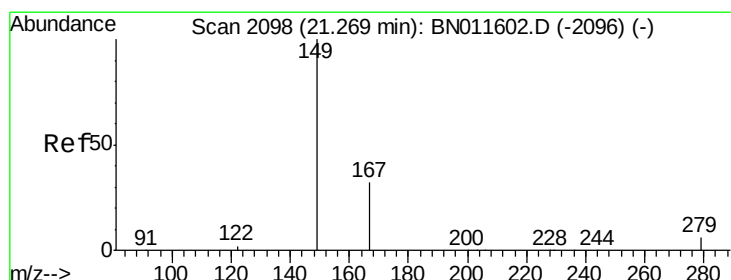
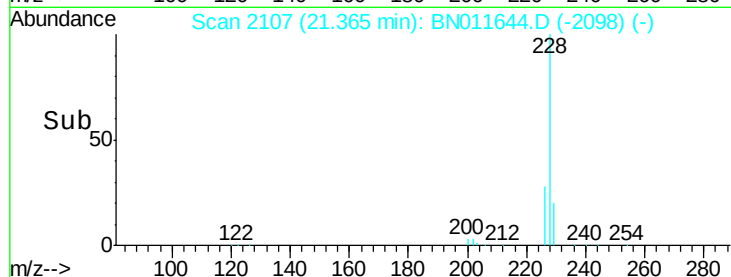
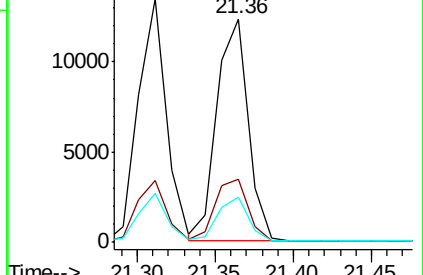
229 20.3 16.0 24.0



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.230 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

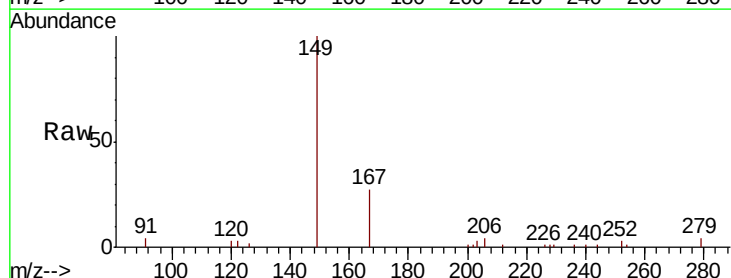
Tgt Ion:149 Resp: 7789

Ion Ratio Lower Upper

149 100

167 28.2 20.6 31.0

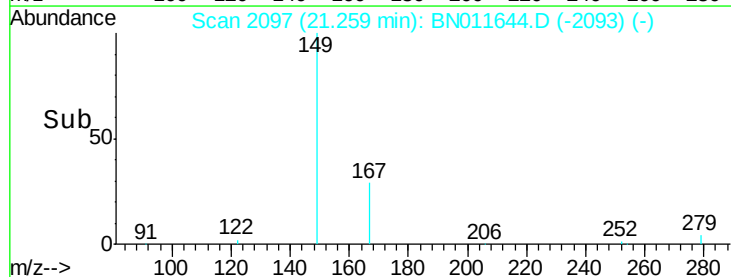
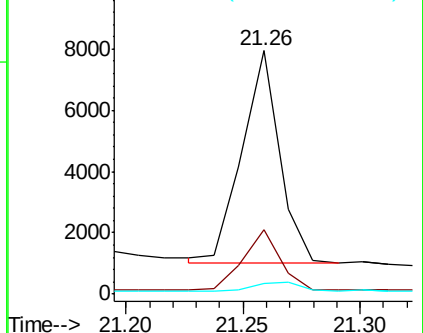
279 5.1 3.8 5.8

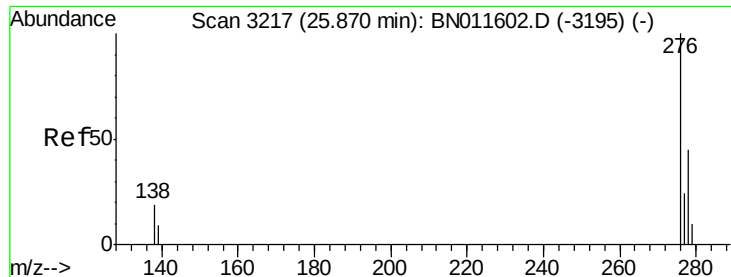


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

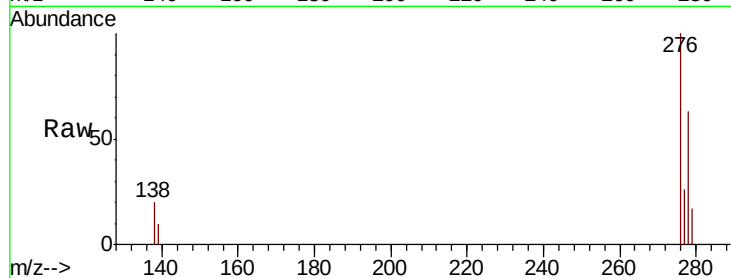




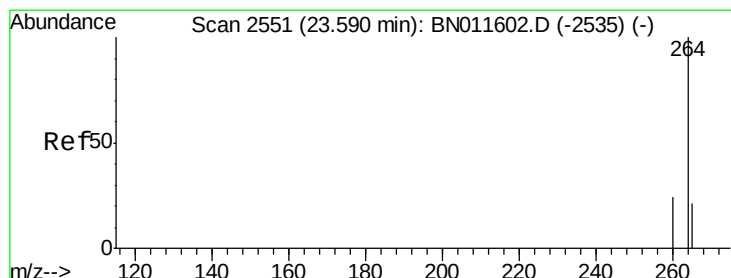
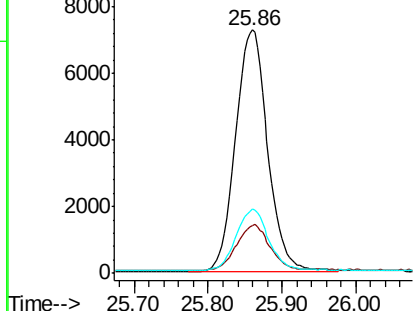
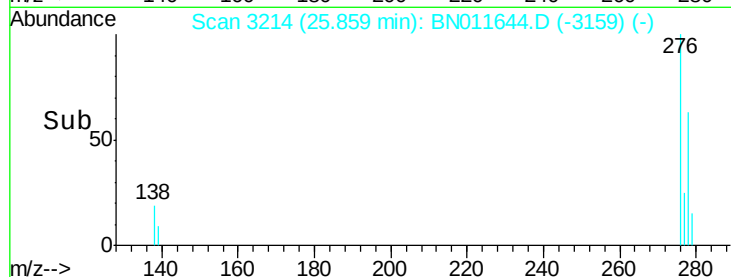
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.436 ng
 RT: 25.86 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BN011644.D
 Acq: 26 Aug 2020 14:32

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:276 Resp: 22093
 Ion Ratio Lower Upper
 276 100
 138 19.4 0.0 0.0#
 277 25.3 0.0 0.0#

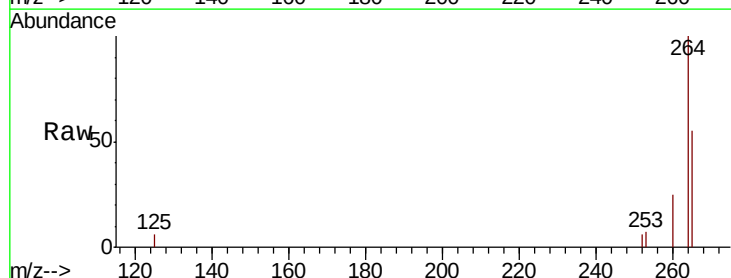


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

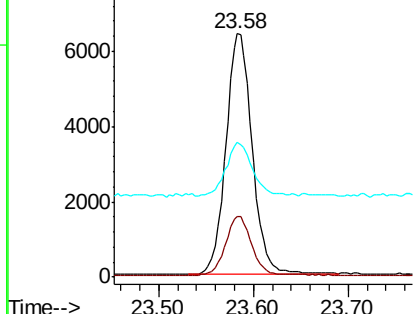
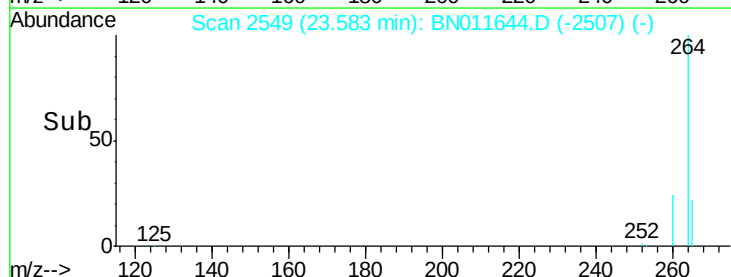


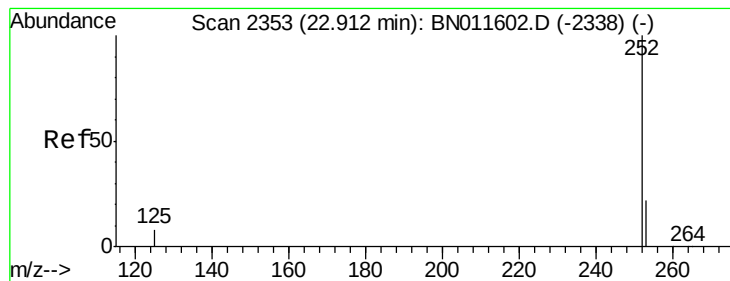
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BN011644.D
 Acq: 26 Aug 2020 14:32

Tgt Ion:264 Resp: 12384
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 55.1 40.7 61.1



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





#37

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 22.91 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

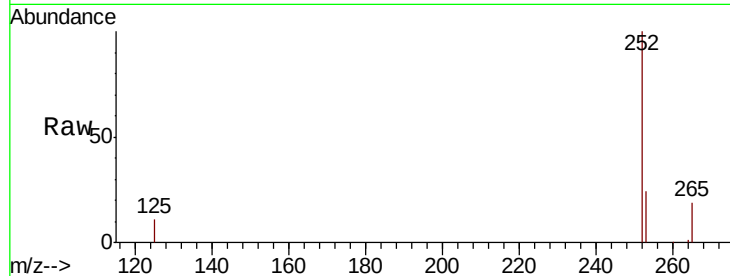
Tot Ion:252 Resp: 18443

Ion Ratio Lower Upper

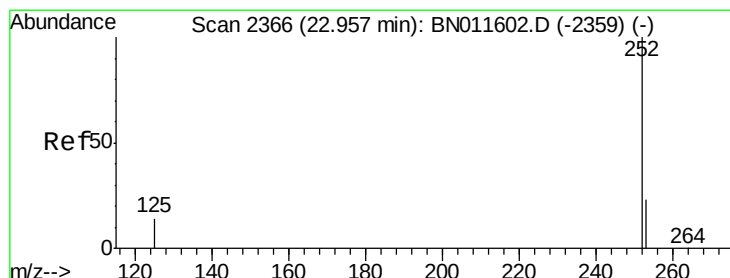
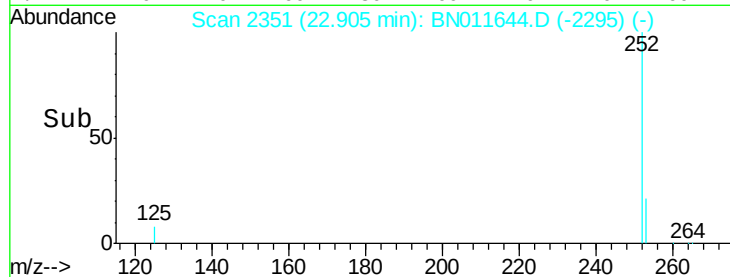
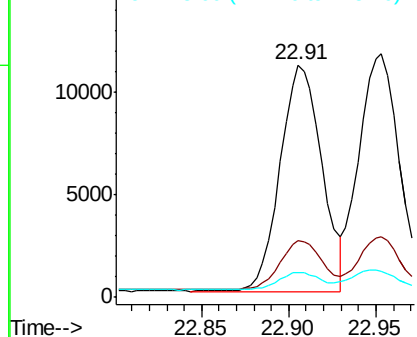
252 100

253 24.4 21.0 31.6

125 10.8 11.0 16.6#



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

Benzo(k)fluoranthene

Concen: 0.424 ng

RT: 22.95 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

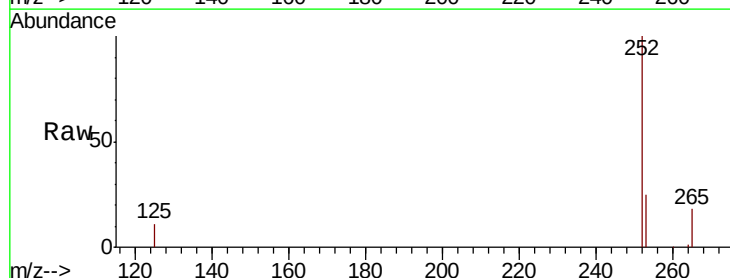
Tgt Ion:252 Resp: 18898

Ion Ratio Lower Upper

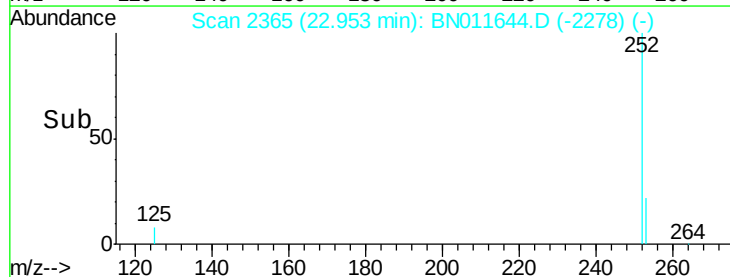
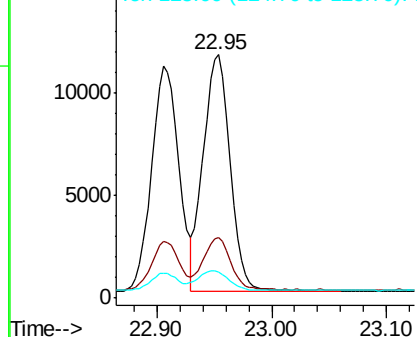
252 100

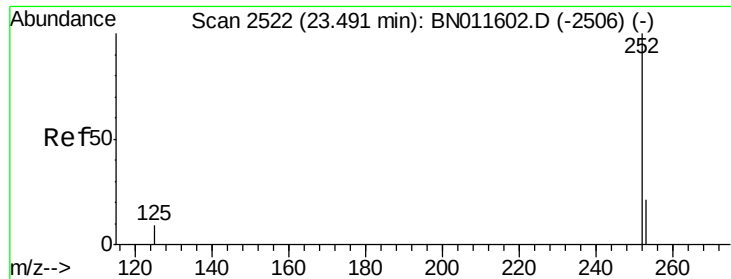
253 24.8 21.2 31.8

125 10.7 14.6 21.8#



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





#39

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.48 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

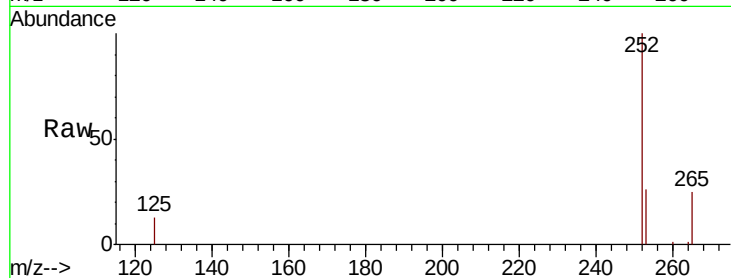
Tot Ion:252 Resp: 16366

Ion Ratio Lower Upper

252 100

253 25.6 21.2 31.8

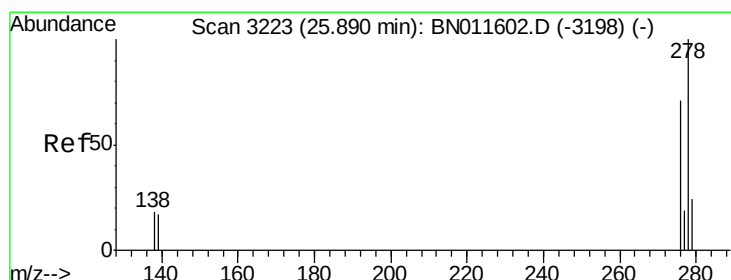
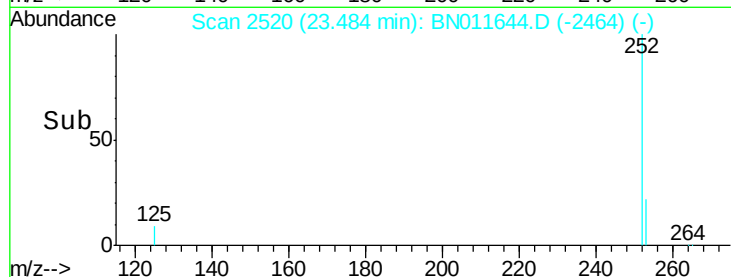
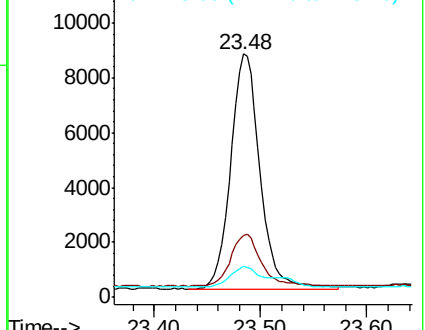
125 12.6 12.1 18.1



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



#40

Dibenzo(a,h)anthracene

Concen: 0.418 ng

RT: 25.87 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

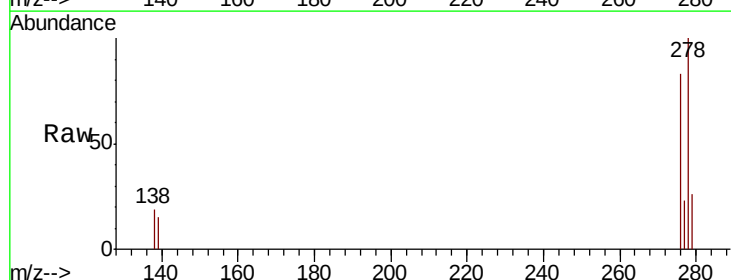
Tgt Ion:278 Resp: 18253

Ion Ratio Lower Upper

278 100

139 14.6 16.6 25.0#

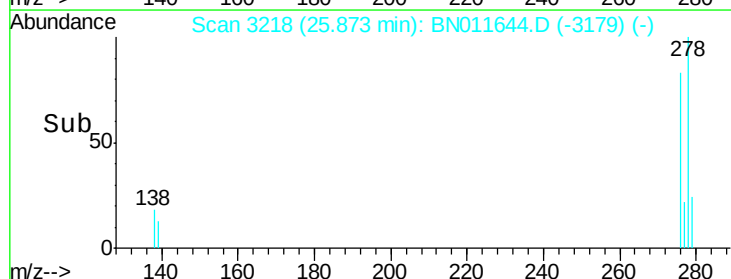
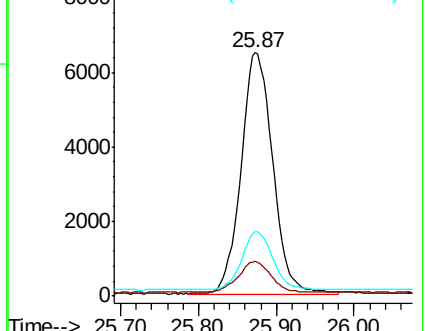
279 26.2 21.4 32.2

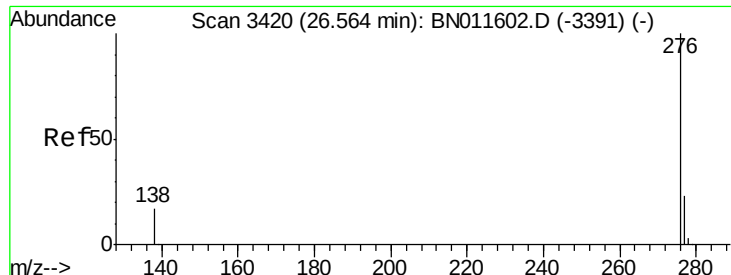


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.420 ng

RT: 26.55 min Scan# 3416

Delta R.T. -0.01 min

Lab File: BN011644.D

Acq: 26 Aug 2020 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

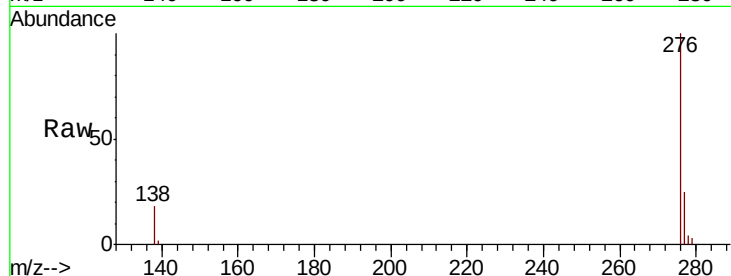
Tot Ion:276 Resp: 17832

Ion Ratio Lower Upper

276 100

277 24.8 20.5 30.7

138 18.1 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

