

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011672.D
 Acq On : 27 Aug 2020 19:55
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Aug 28 00:40:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 14:34:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2322	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	8786	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	5277	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	11445	0.40	ng	0.00
29) Chrysene-d12	21.32	240	11861	0.40	ng	0.00
36) Perylene-d12	23.58	264	13063	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2538	0.39	ng	0.00
5) Phenol-d6	6.90	99	3423	0.38	ng	0.00
8) Nitrobenzene-d5	8.88	82	3172	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	5677	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	885	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	7971	0.36	ng	0.00
27) Fluoranthene-d10	19.16	212	13221	0.36	ng	0.00
31) Terphenyl-d14	19.77	244	11310	0.38	ng	0.00

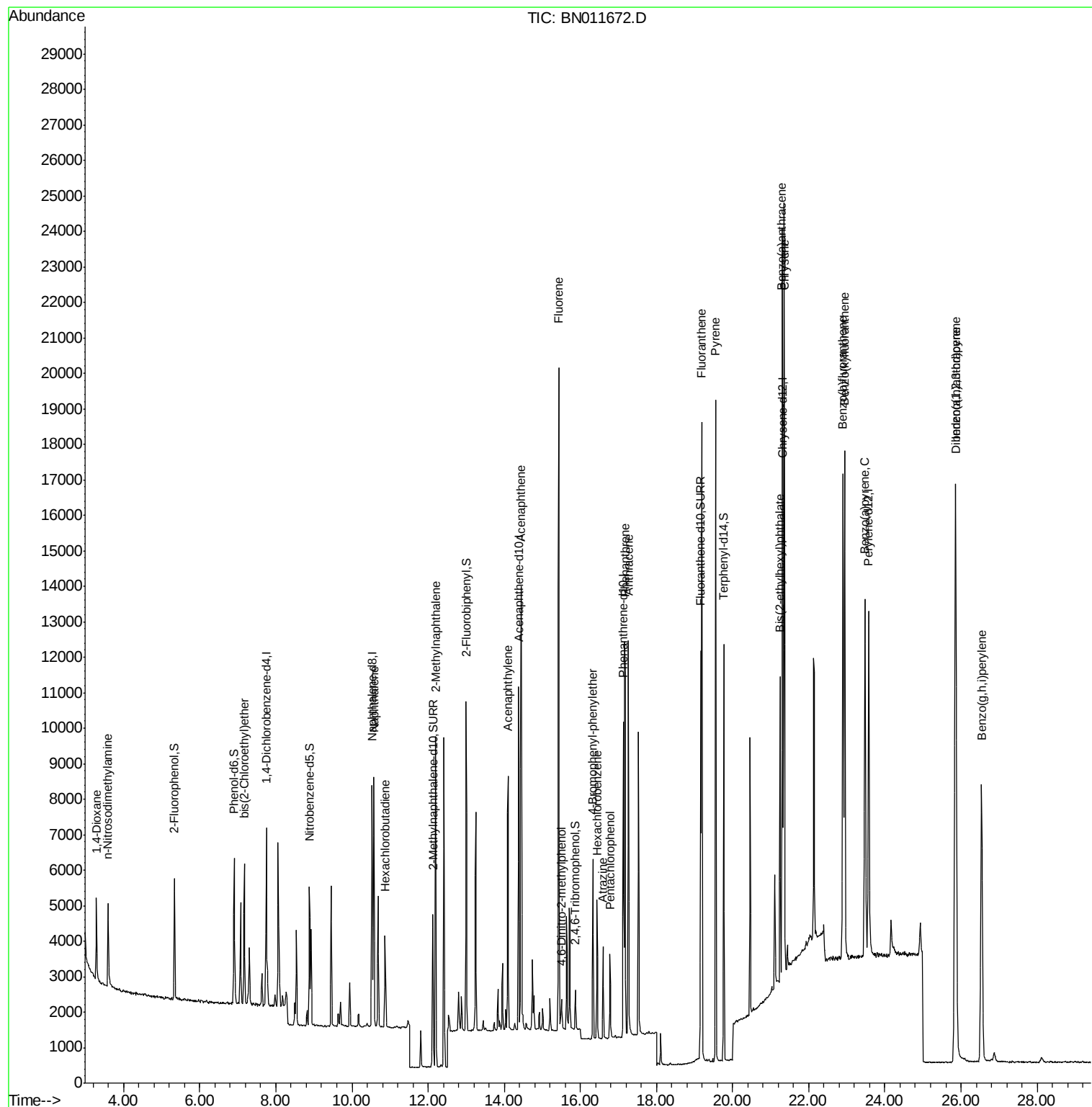
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1399	0.375	ng	98
3) n-Nitrosodimethylamine	3.59	42	1604	0.372	ng	# 88
6) bis(2-Chloroethyl)ether	7.17	93	2718	0.375	ng	100
9) Naphthalene	10.58	128	9173	0.365	ng	99
10) Hexachlorobutadiene	10.87	225	2000	0.362	ng	# 99
12) 2-Methylnaphthalene	12.20	142	6377	0.356	ng	99
16) Acenaphthylene	14.10	152	8690	0.338	ng	100
17) Acenaphthene	14.45	154	6339	0.357	ng	97
18) Fluorene	15.44	166	7831	0.344	ng	100
20) 4,6-Dinitro-2-methylphenol	15.51	198	613	0.347	ng	91
21) 4-Bromophenyl-phenylether	16.32	248	2306	0.344	ng	96
22) Hexachlorobenzene	16.43	284	2949	0.356	ng	99
23) Atrazine	16.59	200	2006	0.341	ng	98
24) Pentachlorophenol	16.77	266	1141	0.347	ng	99
25) Phenanthrene	17.16	178	13069	0.354	ng	100
26) Anthracene	17.26	178	11344	0.345	ng	100
28) Fluoranthene	19.19	202	15788	0.360	ng	# 93
30) Pvrene	19.55	202	15878	0.385	ng	100
32) Benzo(a)anthracene	21.30	228	16083	0.380	ng	100
33) Chrysene	21.35	228	16440	0.376	ng	99
34) Bis(2-ethylhexyl)phthalate	21.25	149	6684	0.388	ng	100
35) Indeno(1,2,3-cd)pyrene	25.85	276	21265	0.373	ng	99
37) Benzo(b)fluoranthene	22.90	252	17150	0.342	ng	98
38) Benzo(k)fluoranthene	22.94	252	18339	0.358	ng	98
39) Benzo(a)pyrene	23.48	252	15545	0.347	ng	98
40) Dibenzo(a,h)anthracene	25.87	278	17506	0.346	ng	98
41) Benzo(g,h,i)perylene	26.54	276	16951	0.342	ng	99

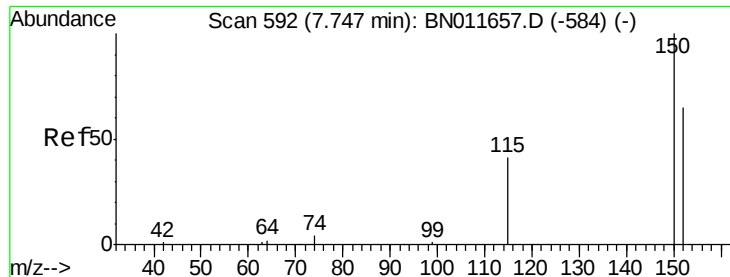
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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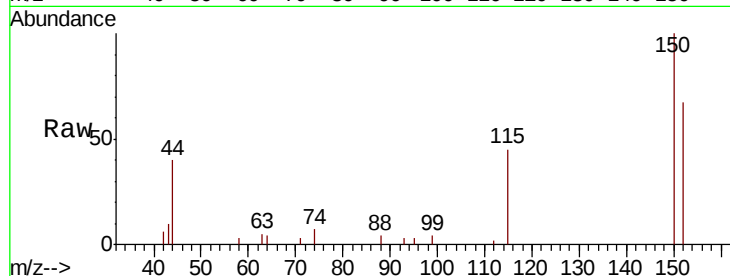


#1

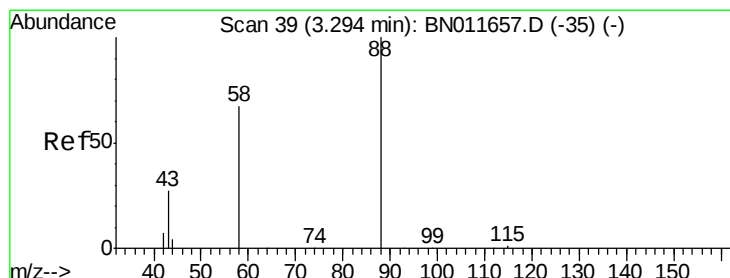
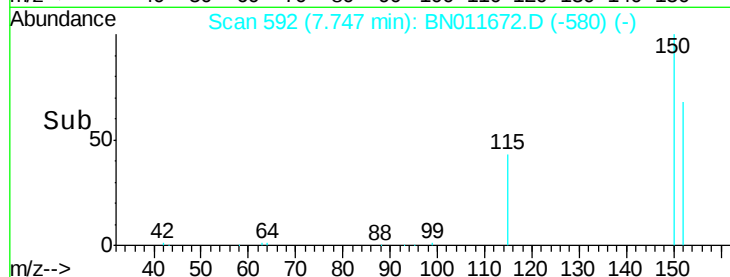
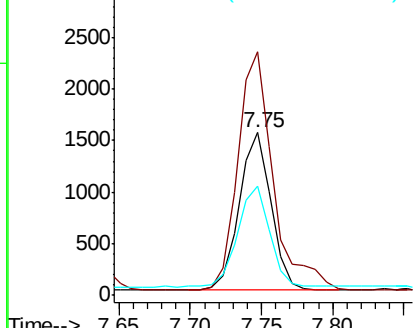
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2322
Ion Ratio Lower Upper
152 100
150 149.7 121.0 181.6
115 66.8 52.6 78.8



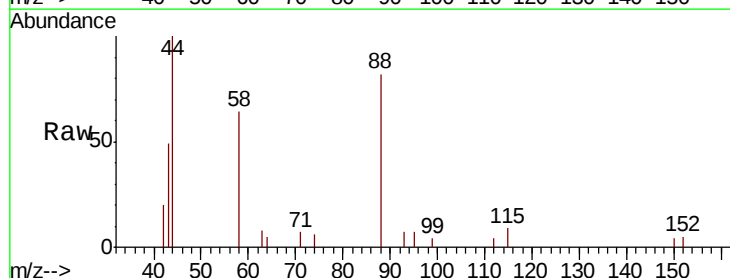
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



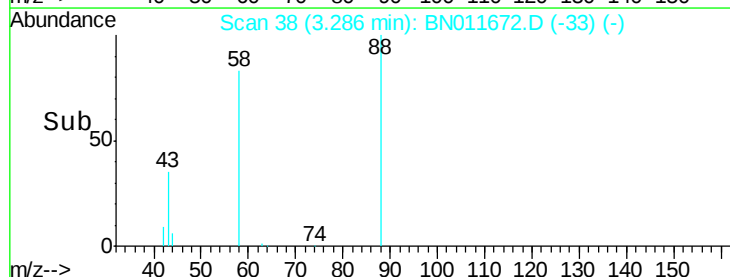
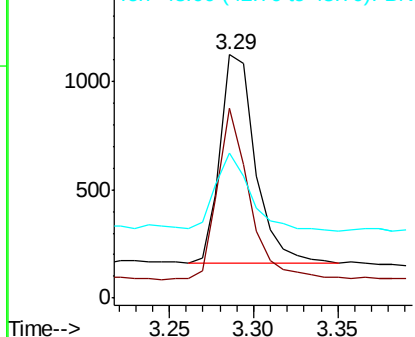
#2

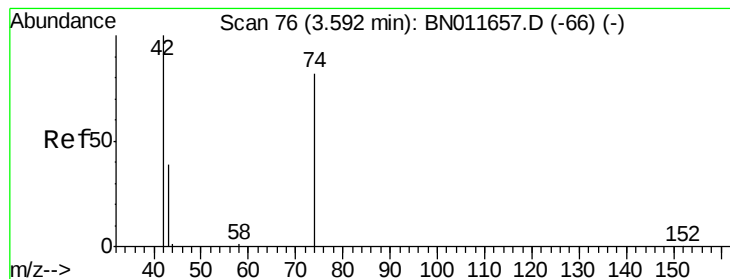
1,4-Dioxane
Concen: 0.375 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

Tgt Ion: 88 Resp: 1399
Ion Ratio Lower Upper
88 100
58 73.9 61.4 92.0
43 36.9 29.8 44.8



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: 0.372 ng

RT: 3.59 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

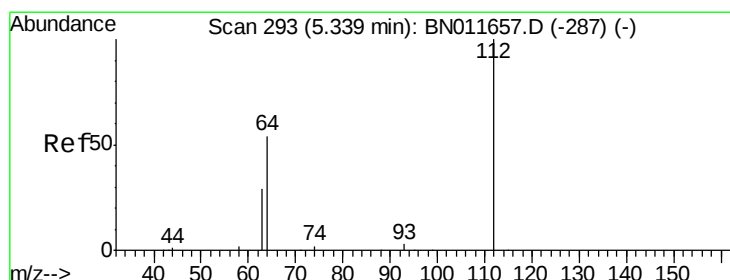
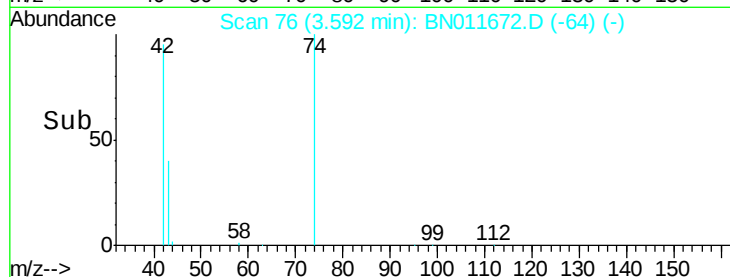
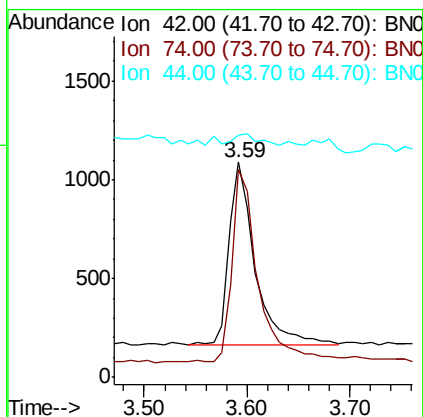
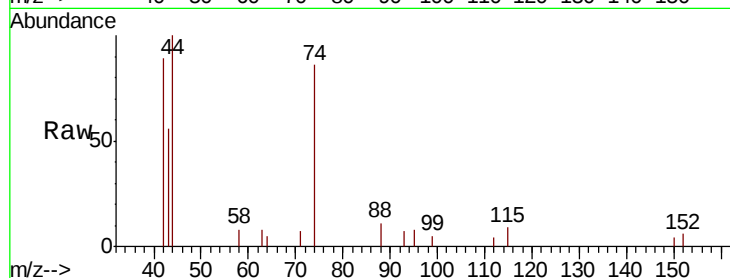
Tot Ion: 42 Resp: 1604

Ion Ratio Lower Upper

42 100

74 110.7 79.0 118.6

44 5.9 8.1 12.1#



#4

2-Fluorophenol

Concen: 0.387 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

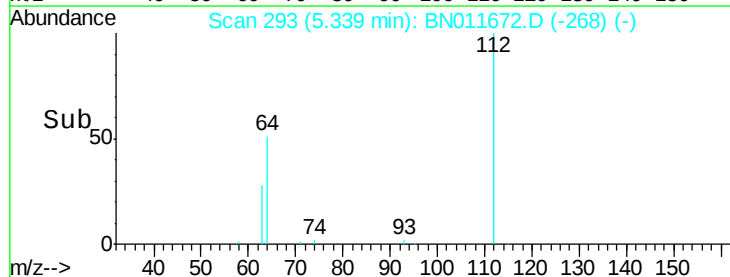
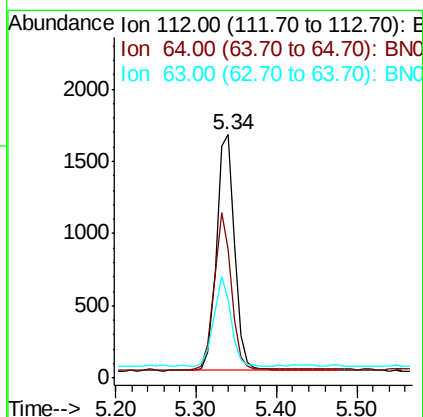
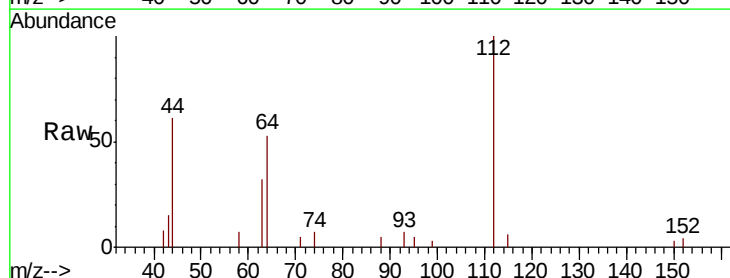
Tgt Ion: 112 Resp: 2538

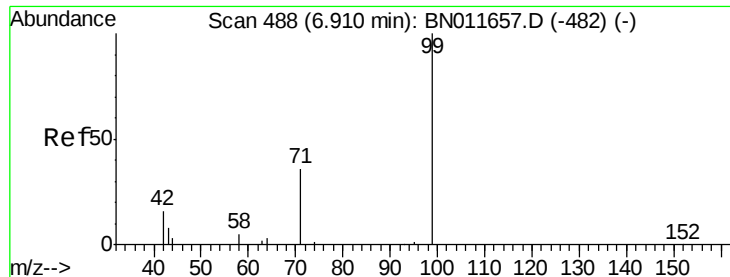
Ion Ratio Lower Upper

112 100

64 62.5 49.7 74.5

63 35.5 29.4 44.0





#5

Phenol-d6

Concen: 0.384 ng

RT: 6.90 min Scan# 487

Delta R.T. -0.01 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

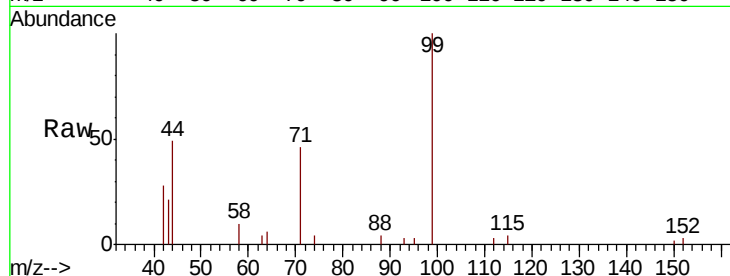
Tot Ion: 99 Resp: 3423

Ion Ratio Lower Upper

99 100

42 23.2 20.2 30.2

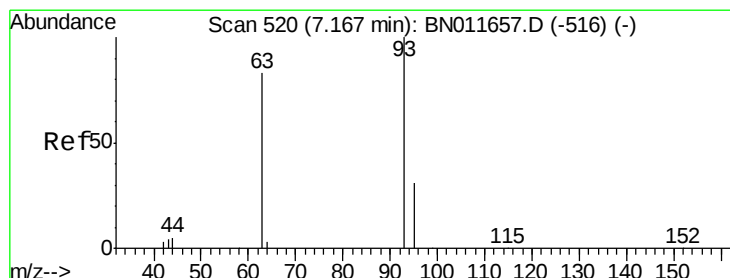
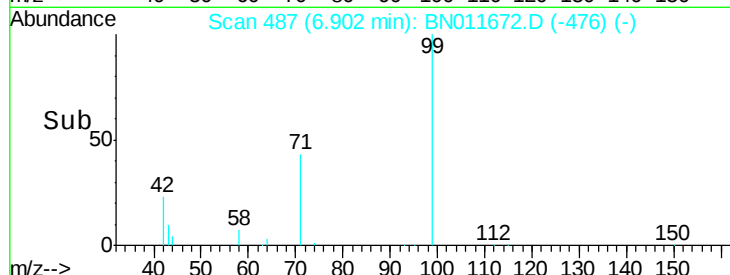
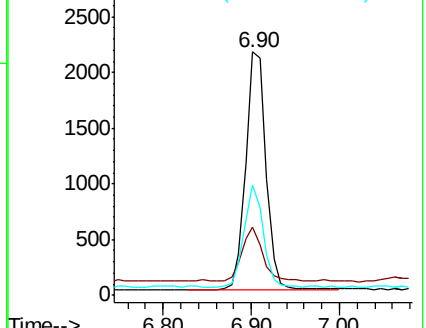
71 40.7 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

RT: 7.17 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

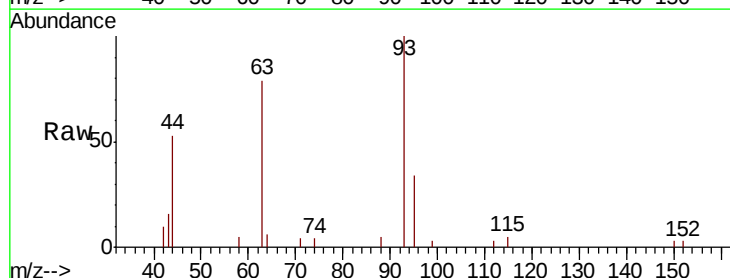
Tgt Ion: 93 Resp: 2718

Ion Ratio Lower Upper

93 100

63 78.0 62.2 93.4

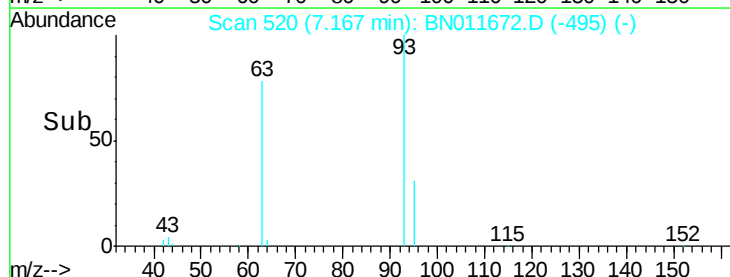
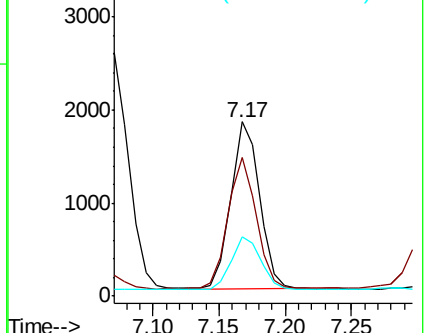
95 32.9 26.6 39.8

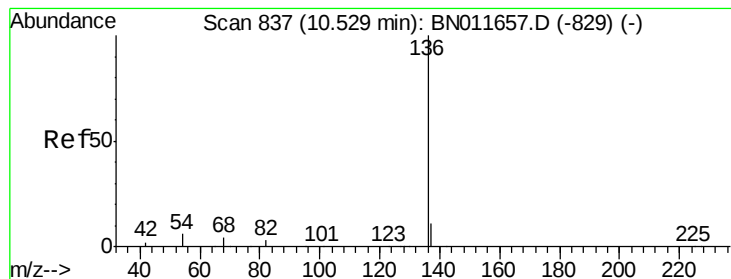


Abundance Ion 93.00 (92.70 to 93.70): BN011657.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN011657.D (-516) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 8786

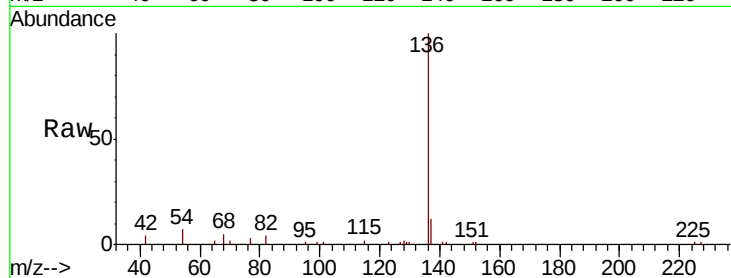
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 6.7 5.8 8.8

68 5.1 4.1 6.1

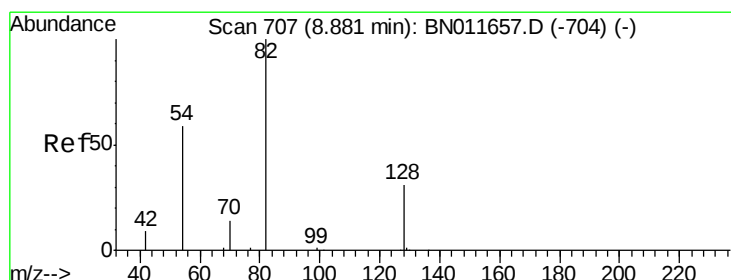
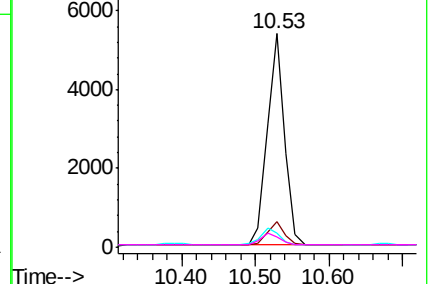
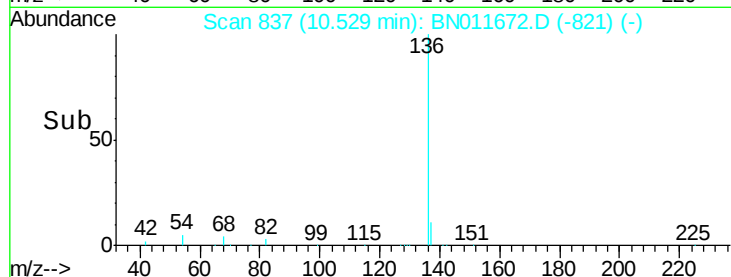


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

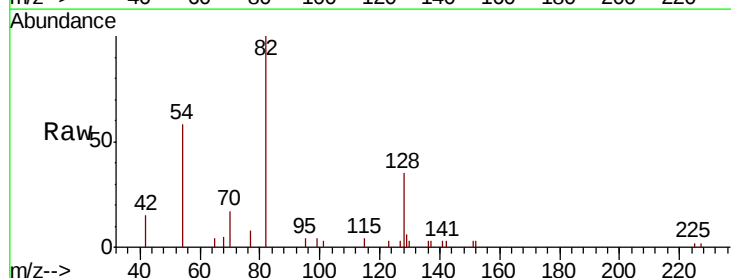
Tgt Ion: 82 Resp: 3172

Ion Ratio Lower Upper

82 100

128 34.6 26.2 39.2

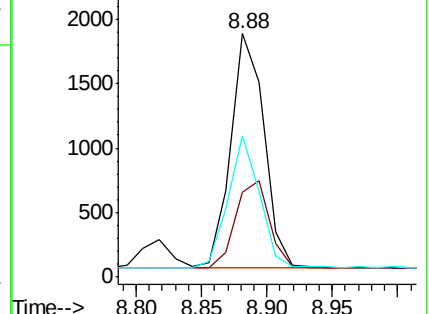
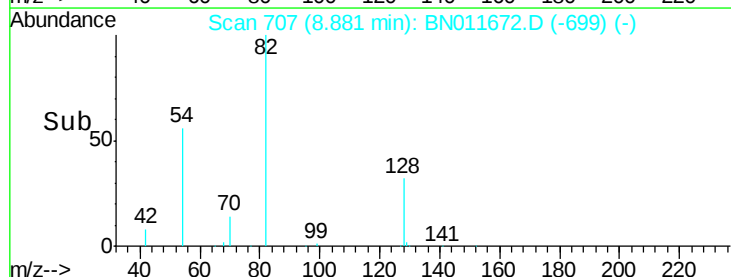
54 58.1 48.2 72.4

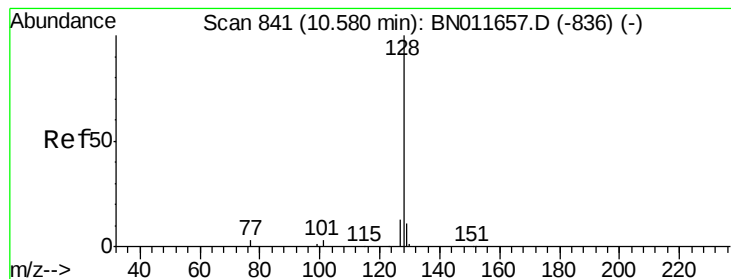


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.365 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

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BNA_N

ClientSampleId :

SSTDCCC0.4EC

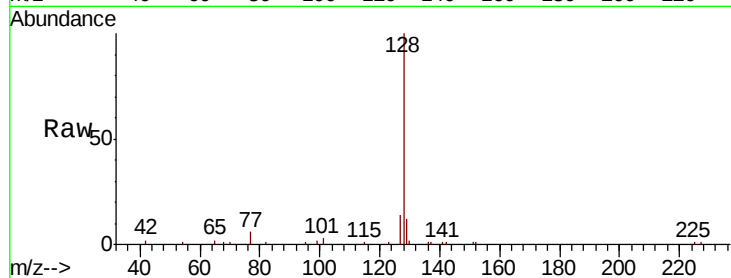
Tot Ion:128 Resp: 9173

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.2

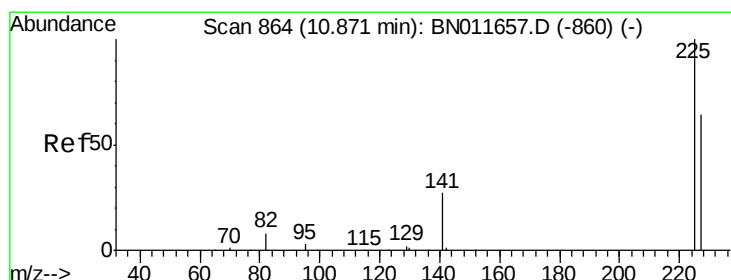
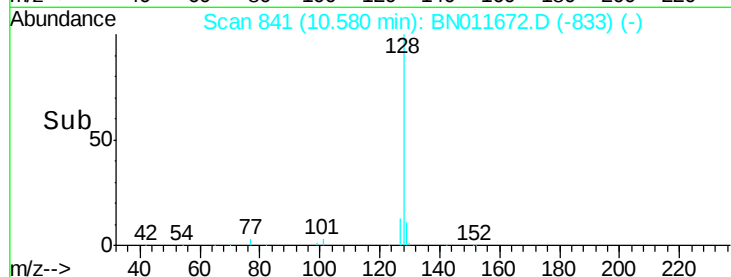
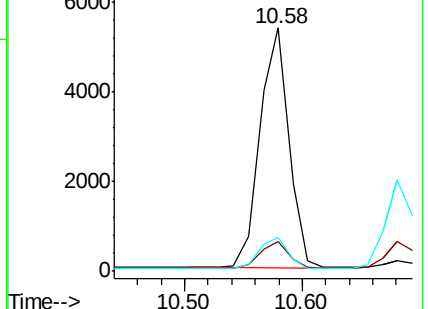
127 13.7 10.8 16.2



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: 0.362 ng

RT: 10.87 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

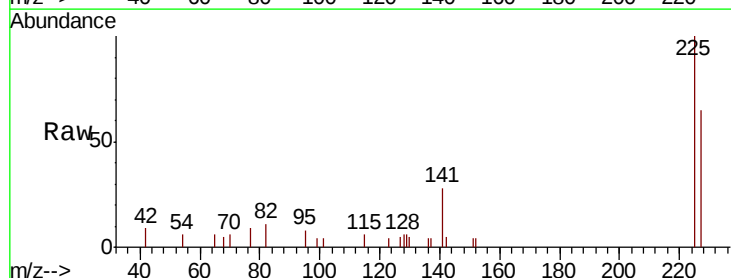
Tgt Ion:225 Resp: 2000

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

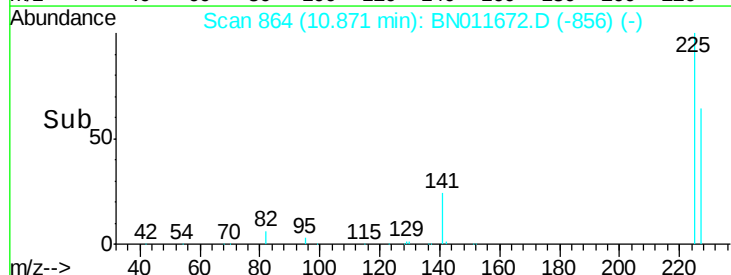
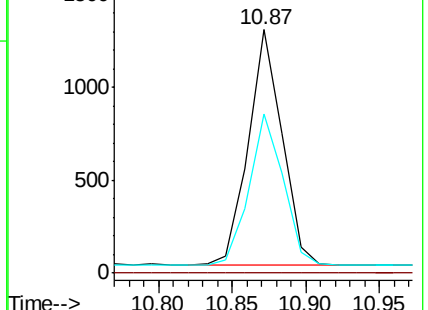
227 64.5 52.3 78.5

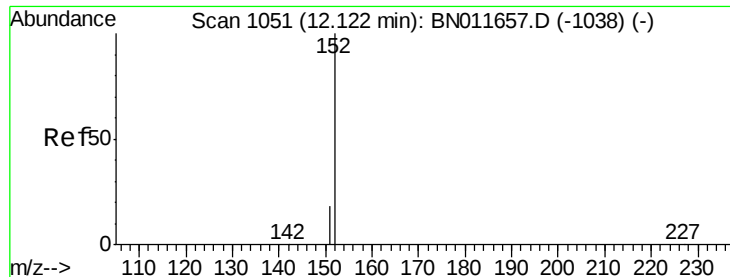


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

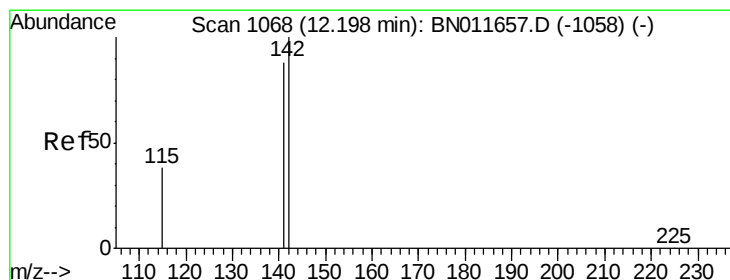
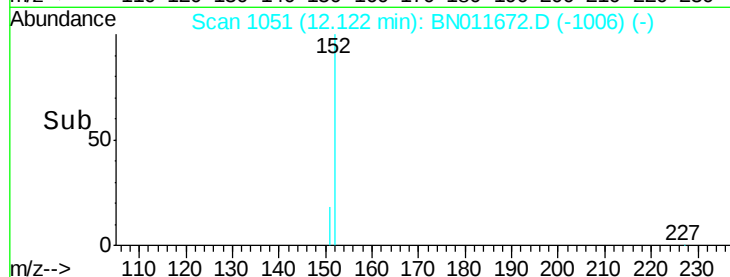
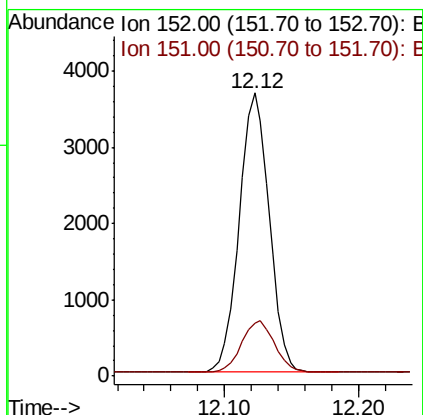
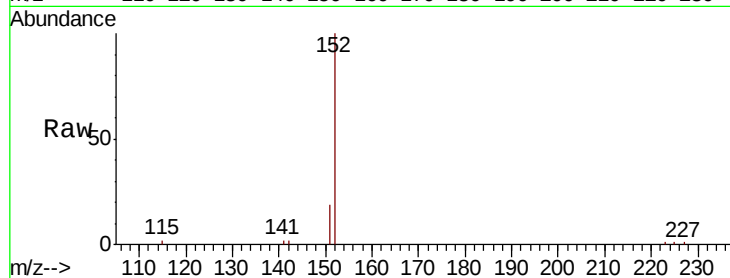




#11
 2-Methylnaphthalene-d10
 Concen: 0.358 ng
 RT: 12.12 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BN011672.D
 Acq: 27 Aug 2020 19:55

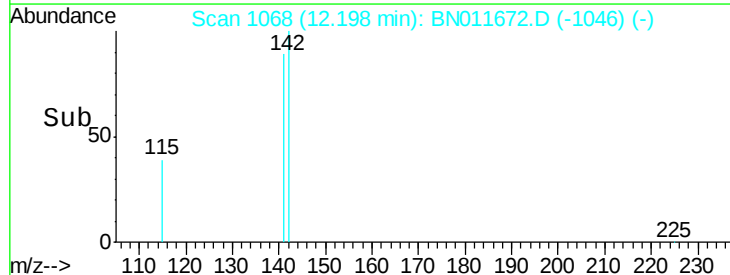
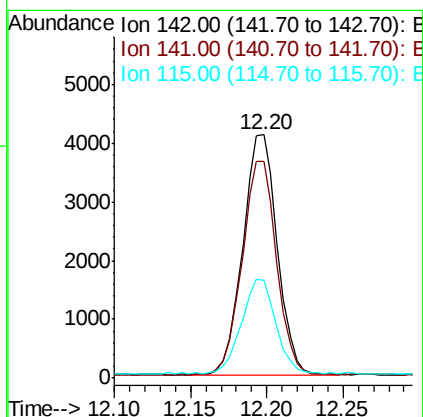
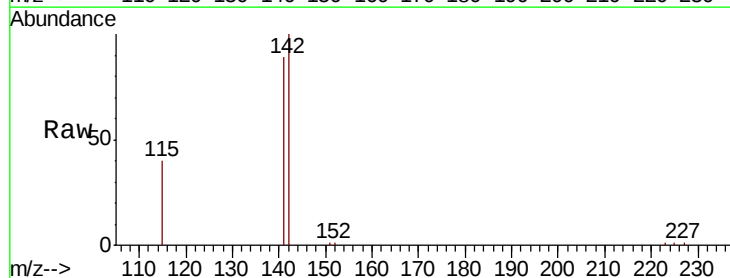
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

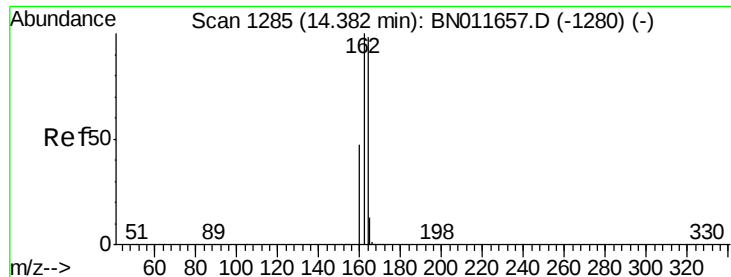
Tot Ion:152 Resp: 5677
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.7 25.1



#12
 2-Methylnaphthalene
 Concen: 0.356 ng
 RT: 12.20 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BN011672.D
 Acq: 27 Aug 2020 19:55

Tgt Ion:142 Resp: 6377
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.6 106.0
 115 40.2 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

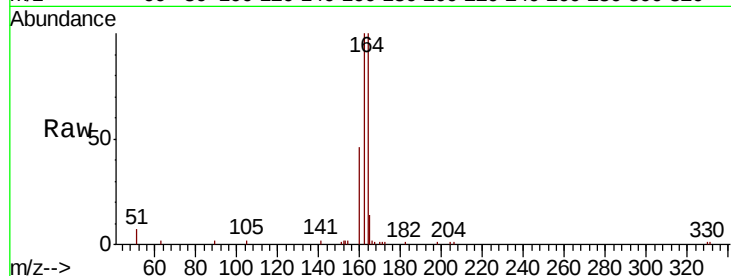
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:164 Resp: 5277

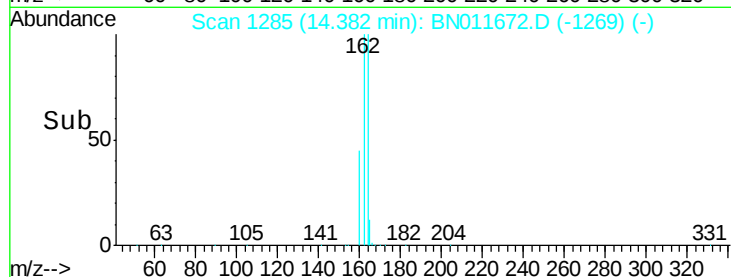
Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	46.3	38.5	57.7



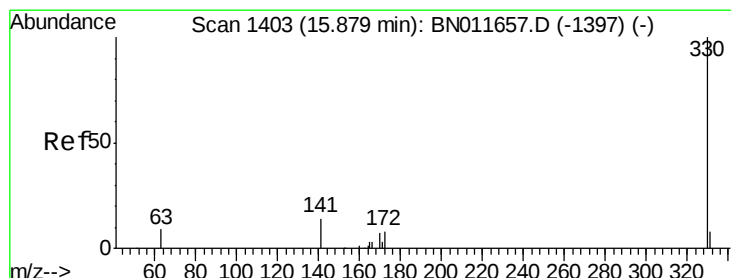
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.345 ng

RT: 15.87 min Scan# 1402

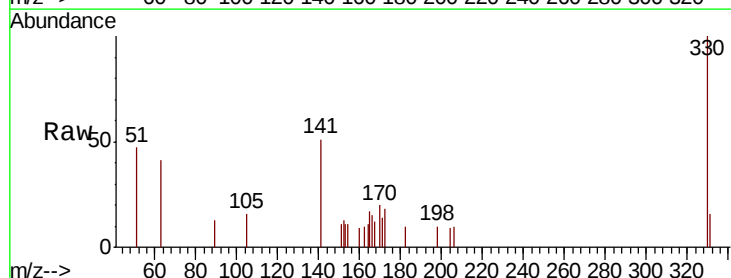
Delta R.T. -0.01 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Tgt Ion:330 Resp: 885

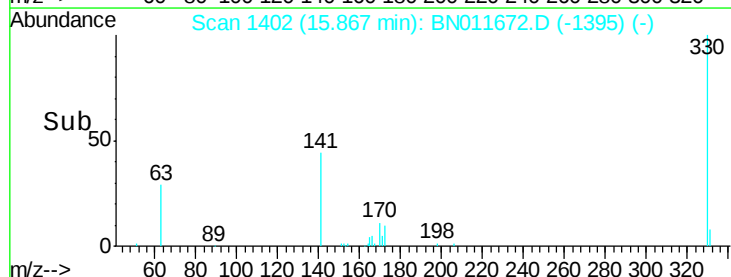
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.5	30.0	45.0



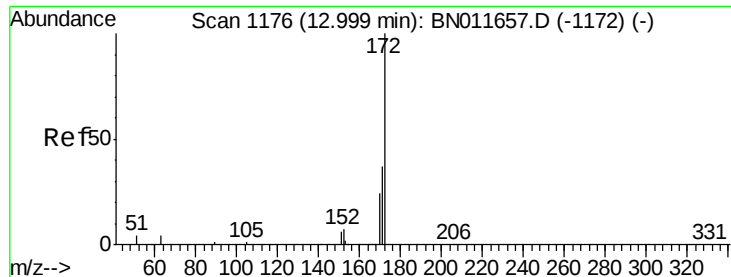
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



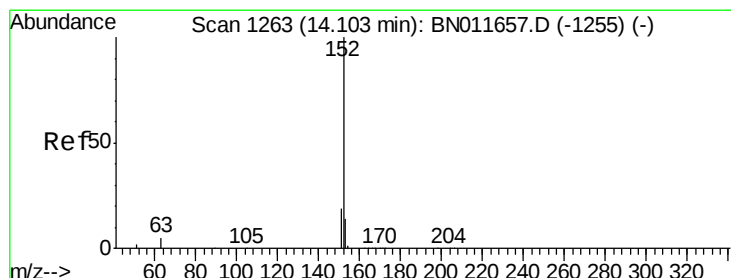
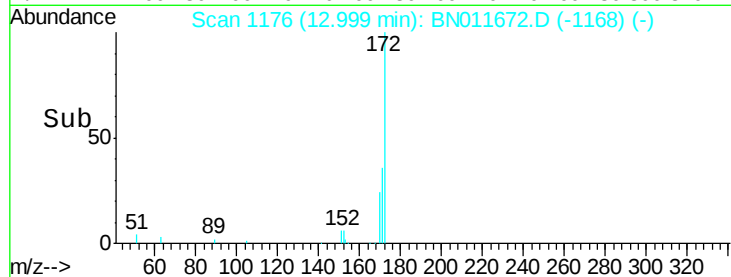
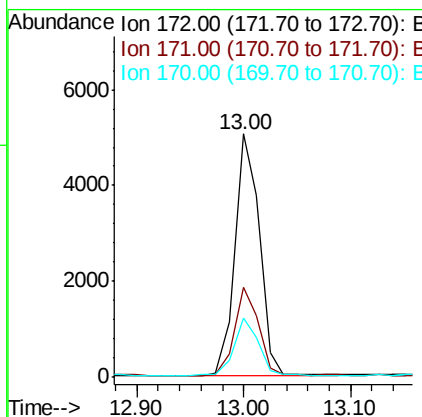
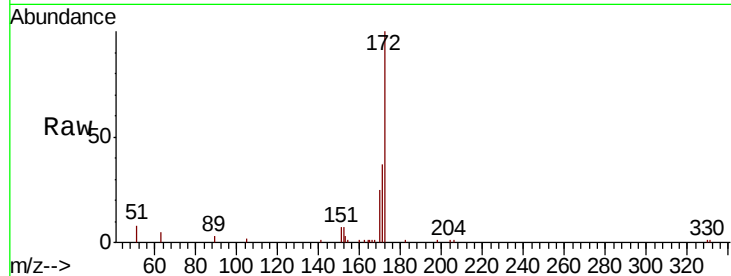
Time-->



#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

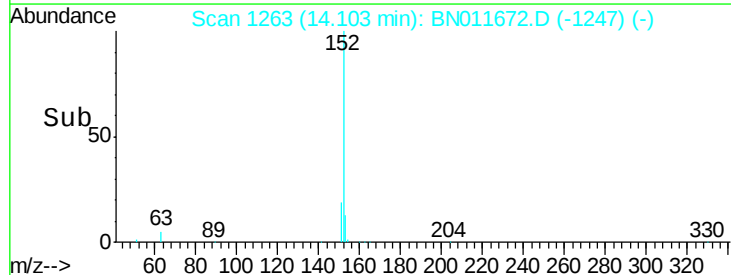
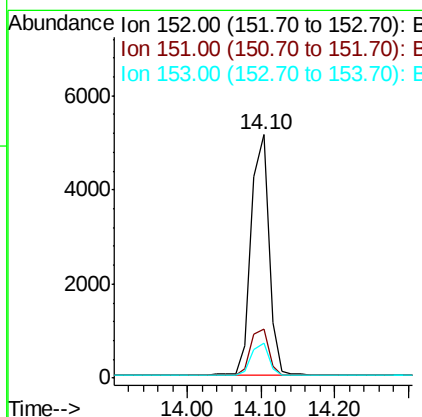
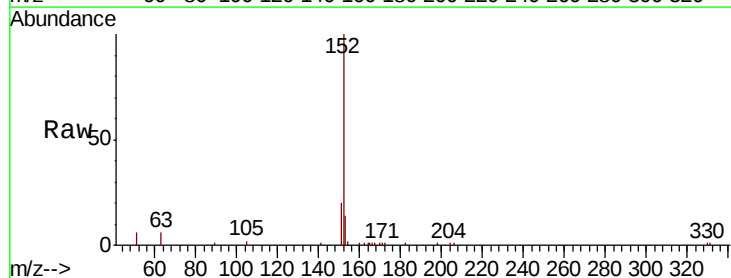
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

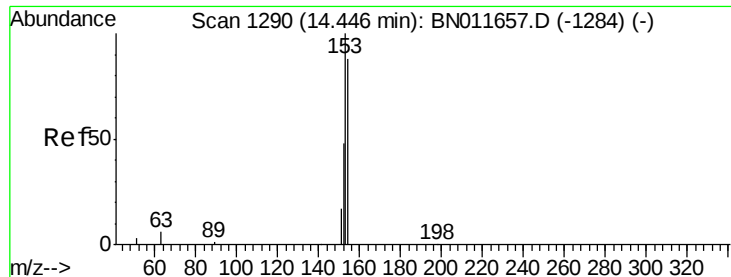
Tot Ion:172 Resp: 7971
Ion Ratio Lower Upper
172 100
171 37.0 30.0 45.0
170 24.6 20.1 30.1



#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

Tgt Ion:152 Resp: 8690
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.357 ng

RT: 14.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

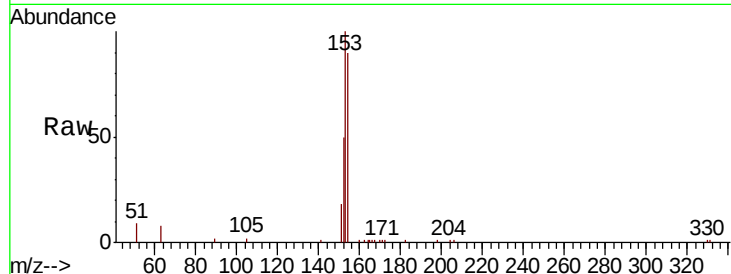
Tot Ion:154 Resp: 6339

Ion Ratio Lower Upper

154 100

153 107.6 89.2 133.8

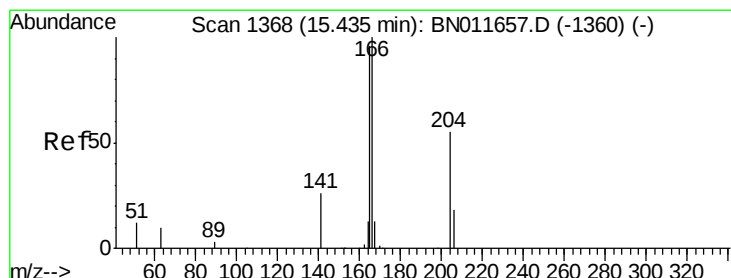
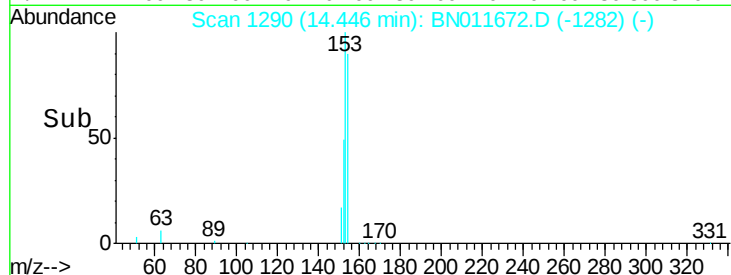
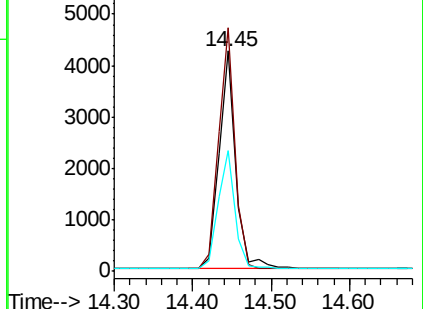
152 53.6 44.1 66.1



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: 0.344 ng

RT: 15.44 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

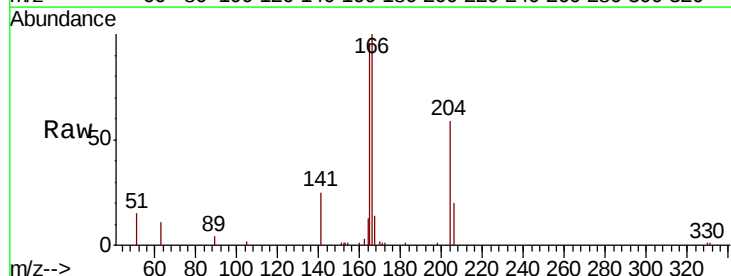
Tgt Ion:166 Resp: 7831

Ion Ratio Lower Upper

166 100

165 97.0 77.7 116.5

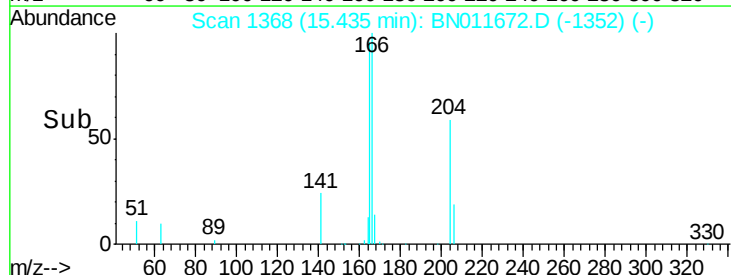
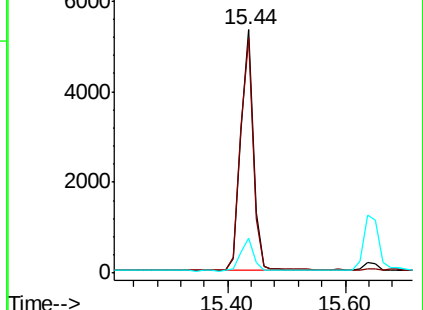
167 13.5 11.0 16.4

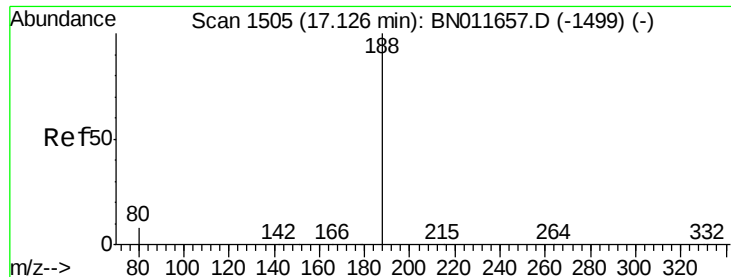


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

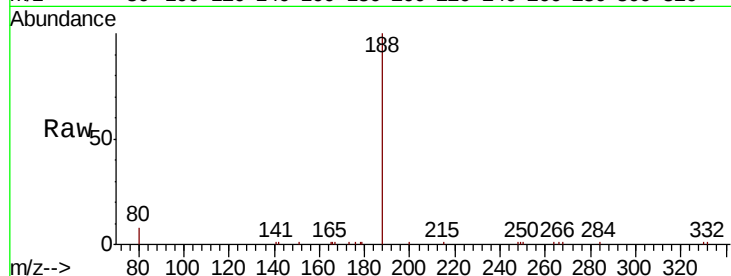
Tot Ion:188 Resp: 11445

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO

17.13

10000

8000

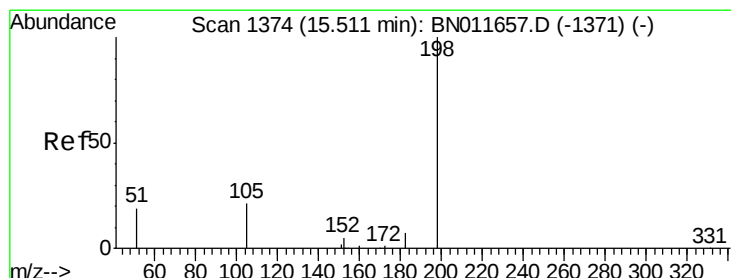
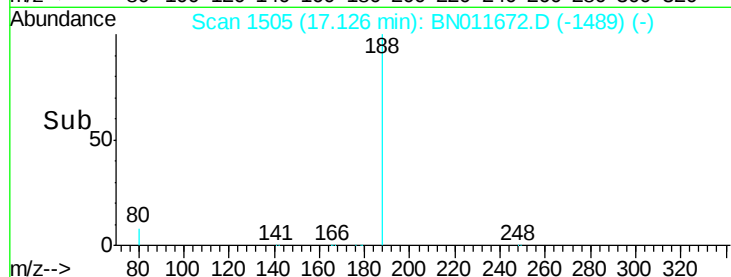
6000

4000

2000

0

Time--> 17.00 17.10 17.20



#20

4,6-Dinitro-2-methylphenol

Concen: 0.347 ng

RT: 15.51 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

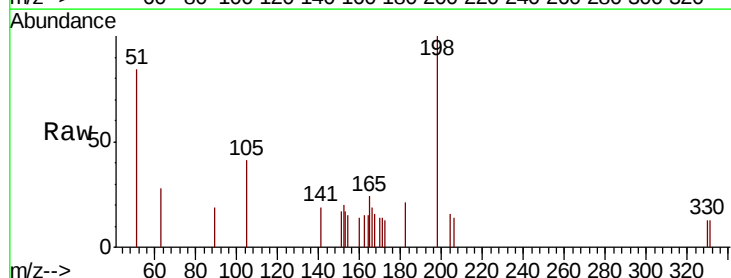
Tgt Ion:198 Resp: 613

Ion Ratio Lower Upper

198 100

51 84.2 58.6 87.8

105 40.8 31.7 47.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

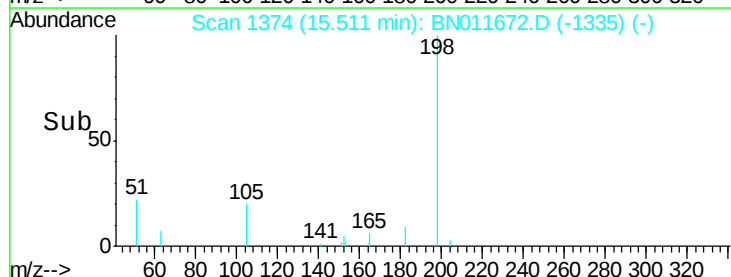
1500

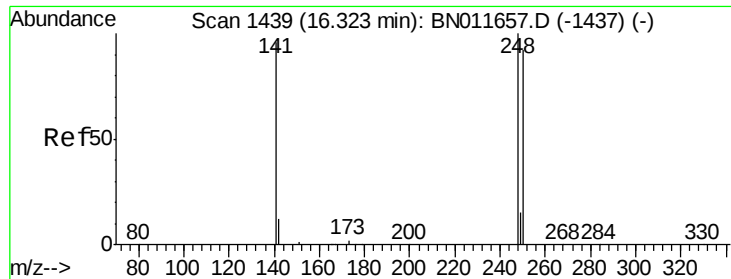
1000

500

0

Time--> 15.40 15.50 15.60

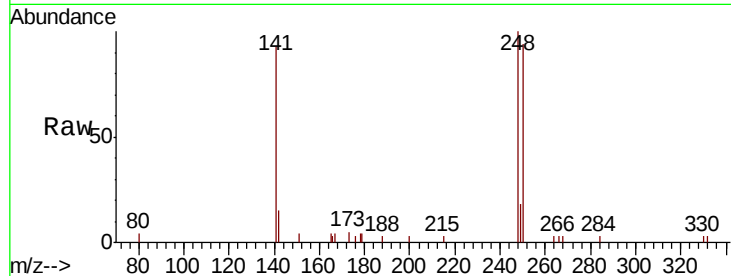




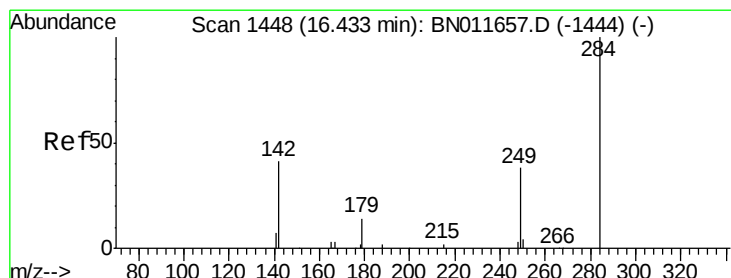
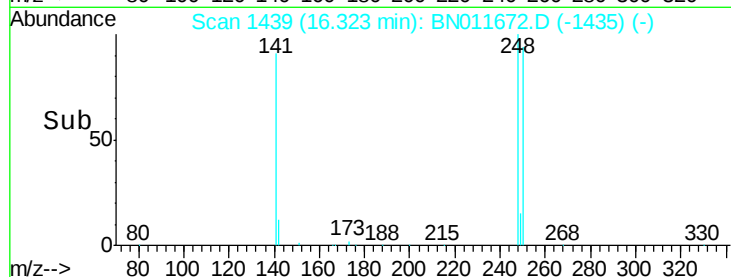
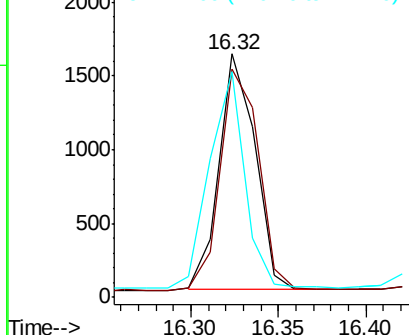
#21
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 2306
Ion Ratio Lower Upper
248 100
250 94.0 73.9 110.9
141 92.6 79.8 119.6

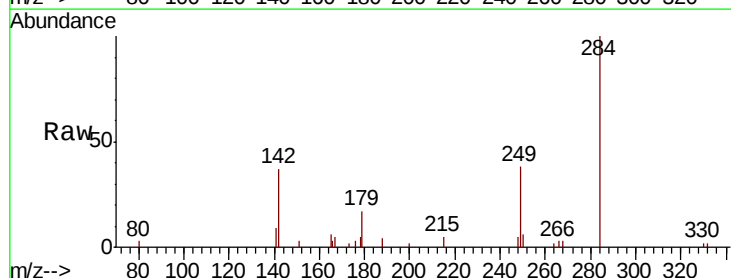


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

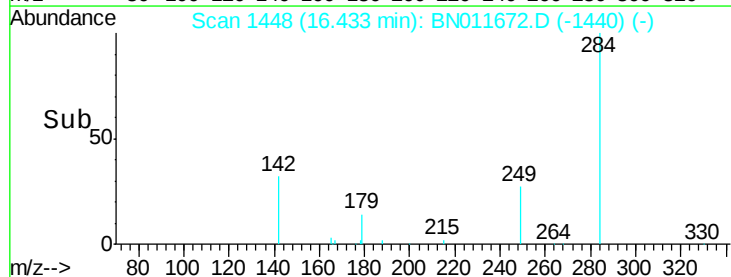
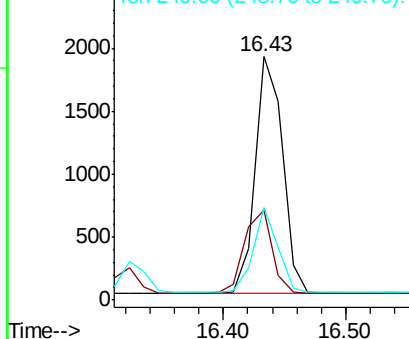


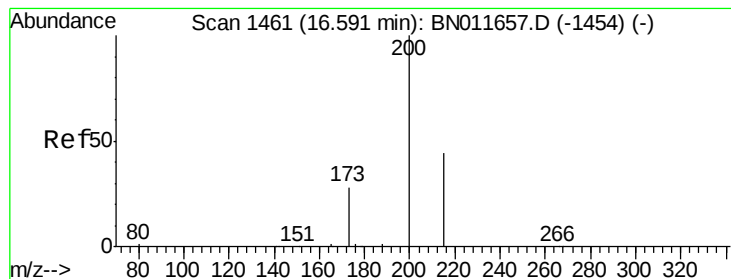
#22
Hexachlorobenzene
Concen: 0.356 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

Tgt Ion:284 Resp: 2949
Ion Ratio Lower Upper
284 100
142 35.3 29.0 43.4
249 31.5 25.7 38.5



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: 0.341 ng

RT: 16.59 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

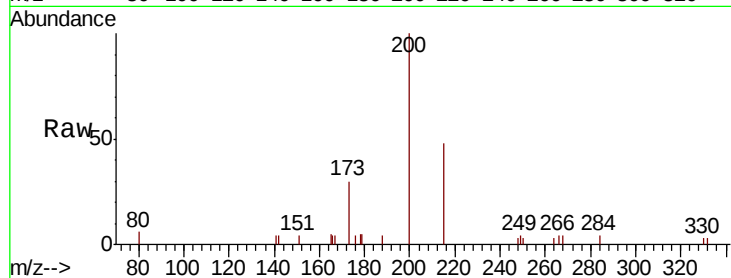
Tot Ion:200 Resp: 2006

Ion Ratio Lower Upper

200 100

173 29.7 24.3 36.5

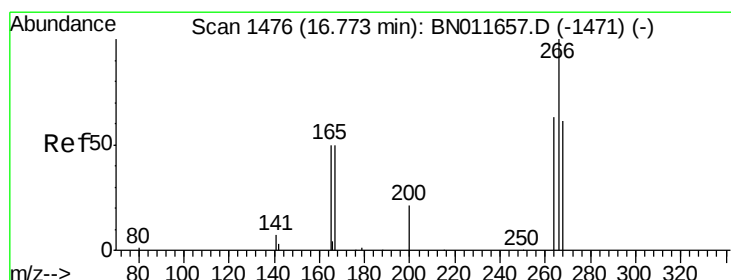
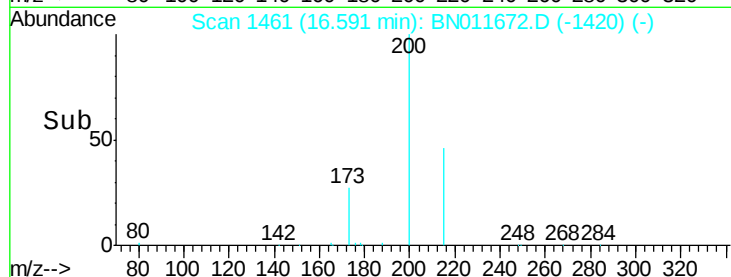
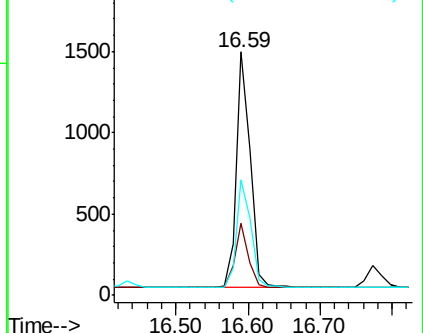
215 47.5 36.4 54.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.347 ng

RT: 16.77 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

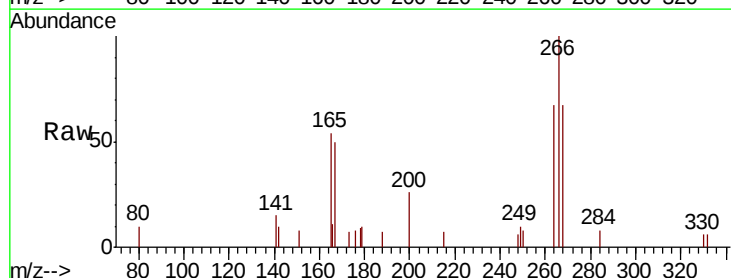
Tgt Ion:266 Resp: 1141

Ion Ratio Lower Upper

266 100

264 62.2 49.5 74.3

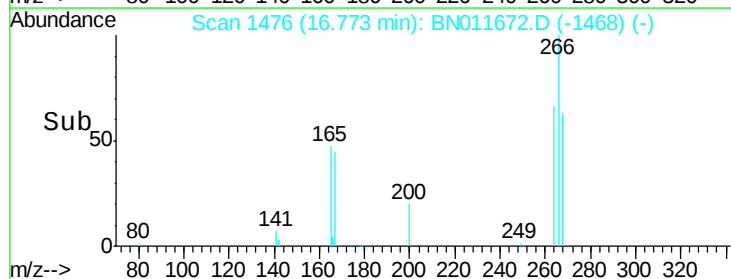
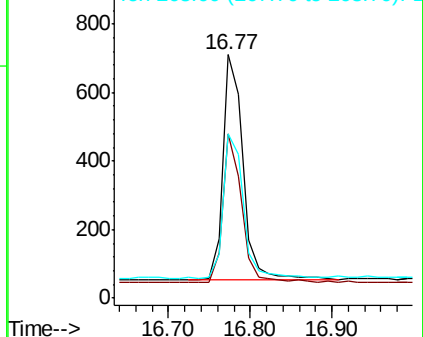
268 65.0 53.0 79.4

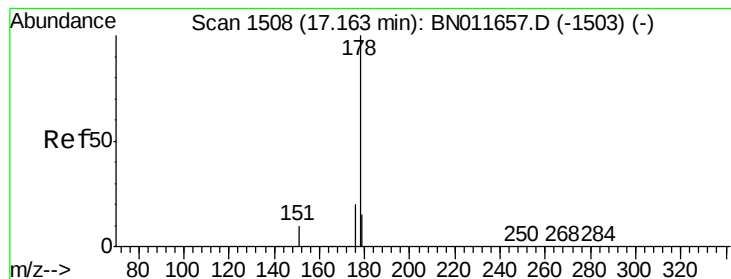


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.354 ng

RT: 17.16 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

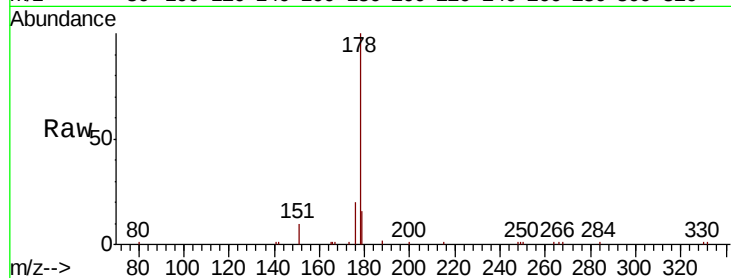
Tot Ion:178 Resp: 13069

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

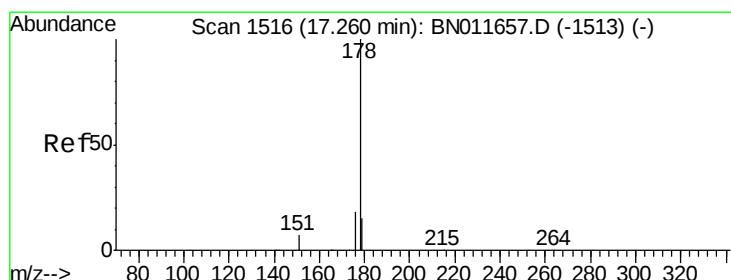
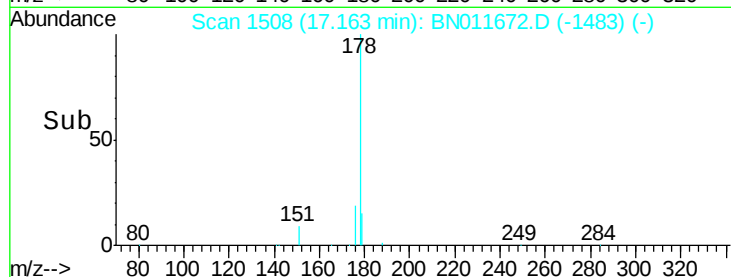
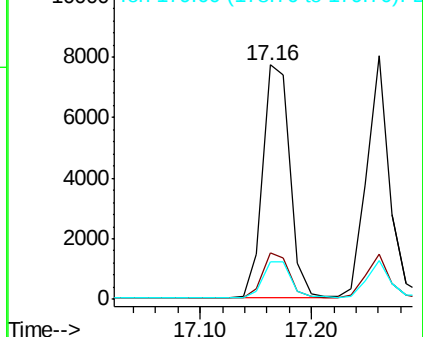
179 15.6 12.4 18.6



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: 0.345 ng

RT: 17.26 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

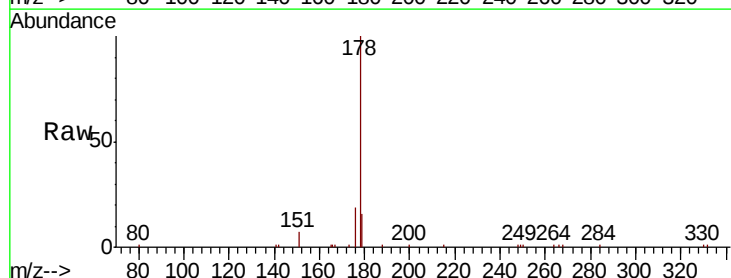
Tgt Ion:178 Resp: 11344

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

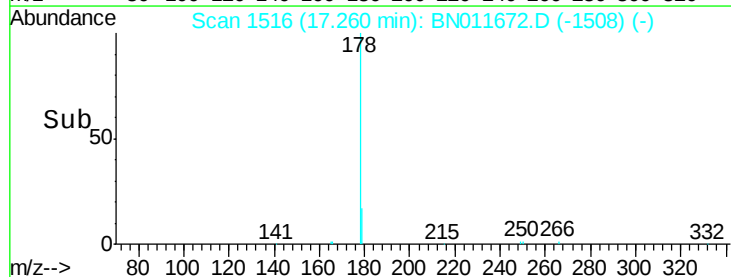
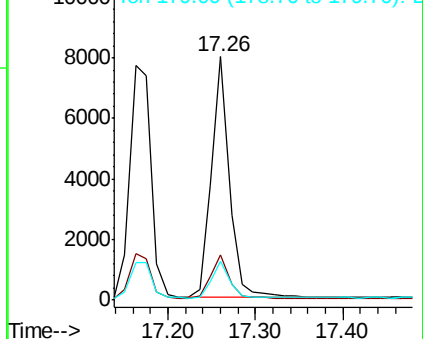
179 15.4 12.2 18.4

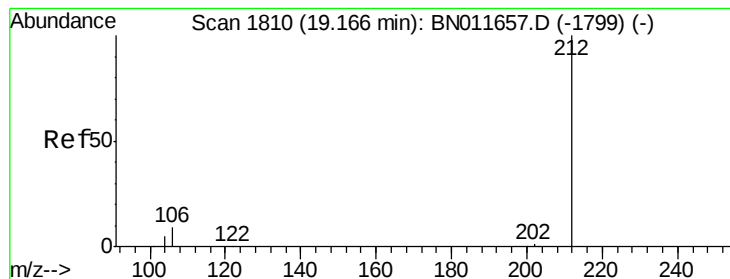


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.16 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

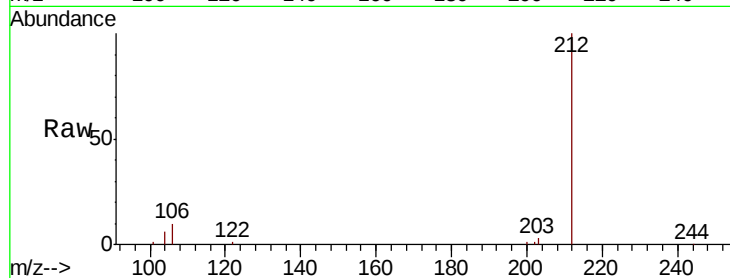
Tot Ion:212 Resp: 13221

Ion Ratio Lower Upper

212 100

106 9.9 7.6 11.4

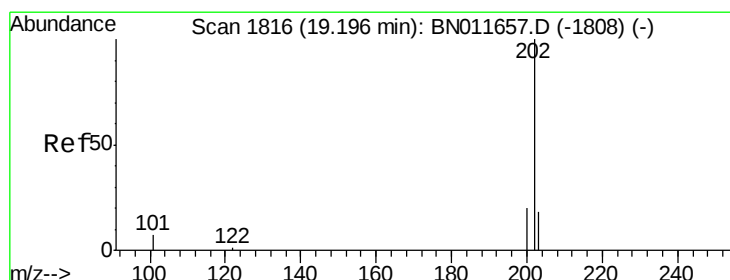
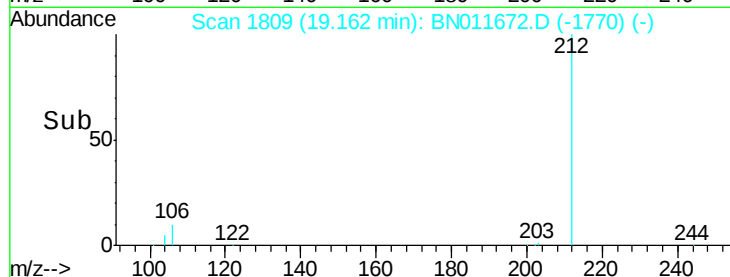
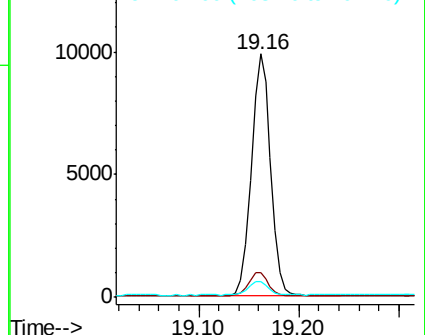
104 5.8 4.6 6.8



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: 0.360 ng

RT: 19.19 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

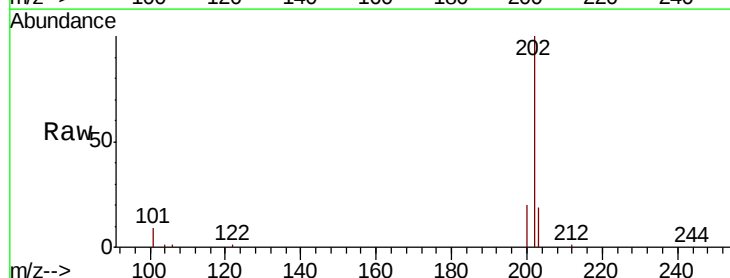
Tgt Ion:202 Resp: 15788

Ion Ratio Lower Upper

202 100

101 8.6 6.5 9.7

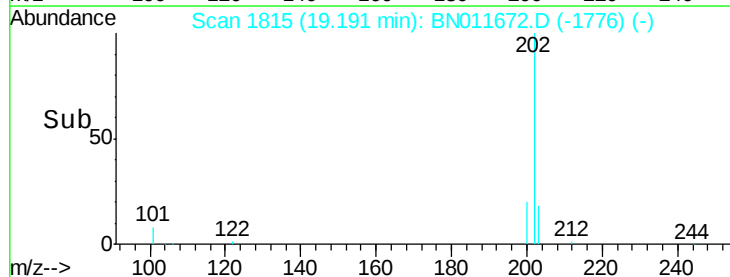
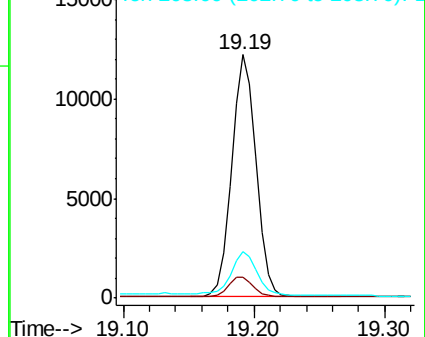
203 21.1 13.8 20.6#

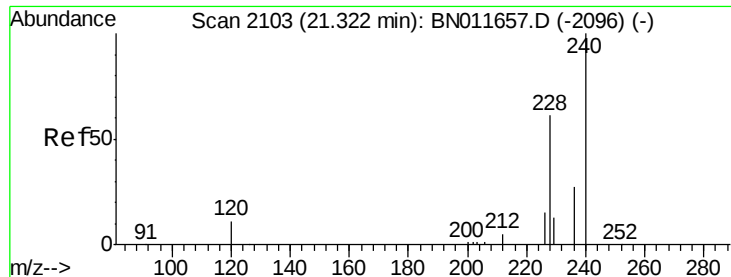


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

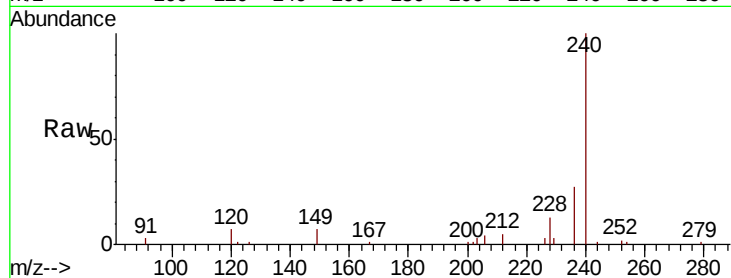




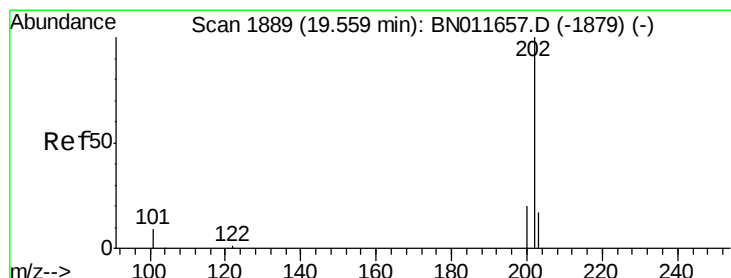
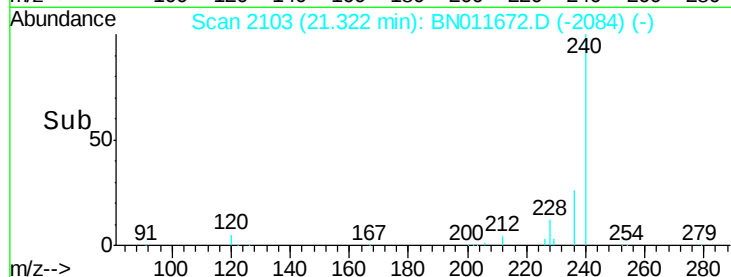
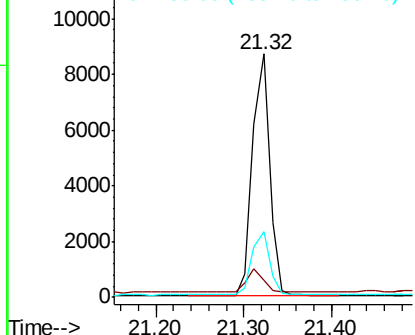
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 11861
Ion Ratio Lower Upper
240 100
120 7.0 9.9 14.9#
236 27.0 22.2 33.4

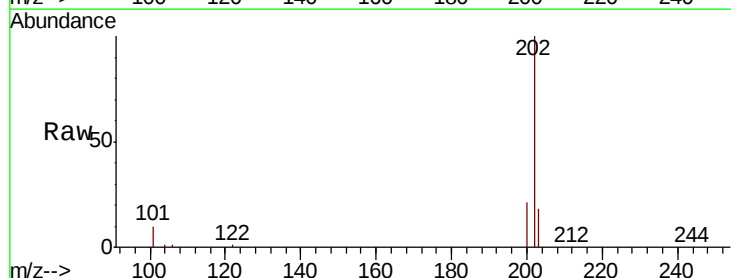


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

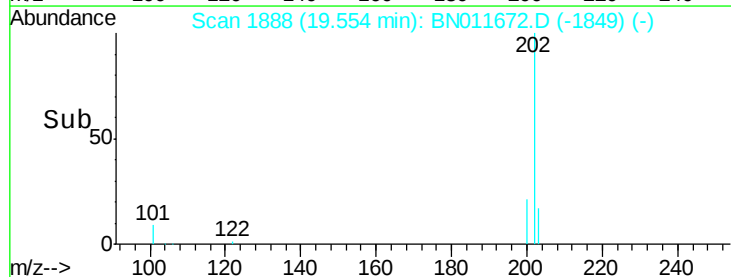
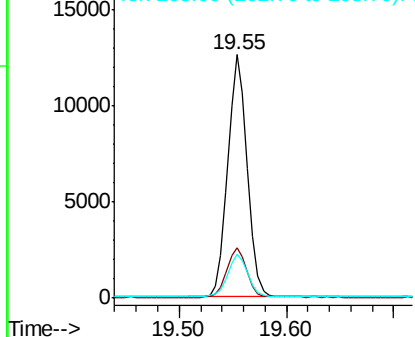


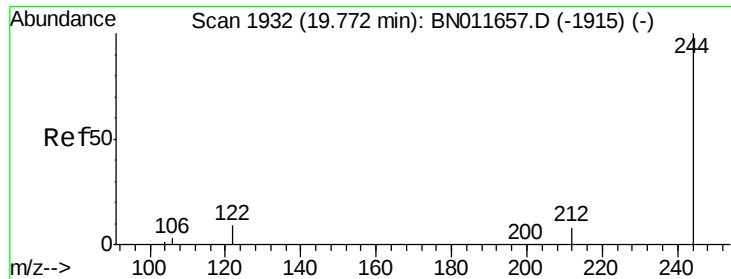
#30
Pyrene
Concen: 0.385 ng
RT: 19.55 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

Tgt Ion:202 Resp: 15878
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 17.6 14.1 21.1



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. -0.00 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

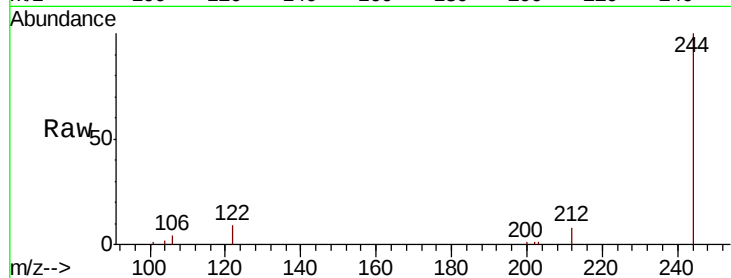
Tot Ion:244 Resp: 11310

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

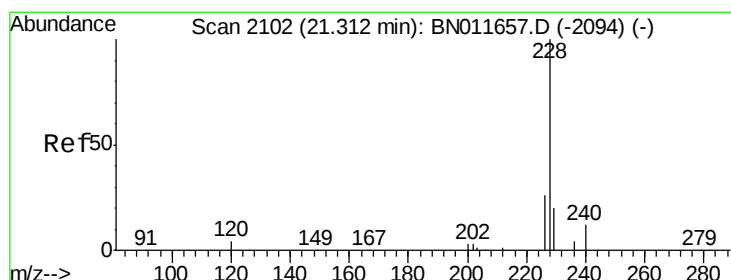
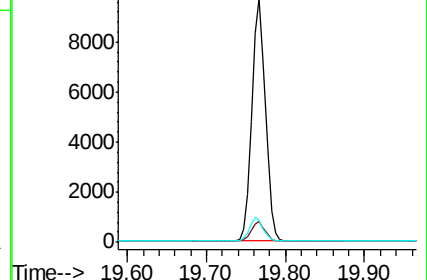
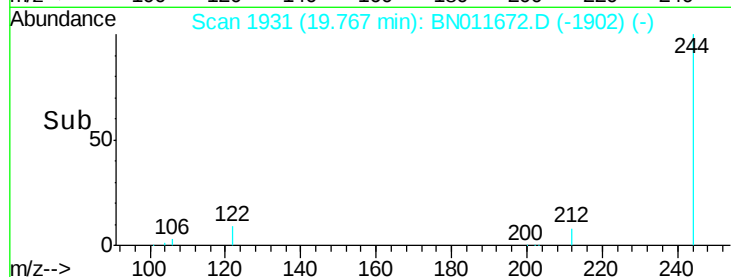
122 9.1 7.4 11.2



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: 0.380 ng

RT: 21.30 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

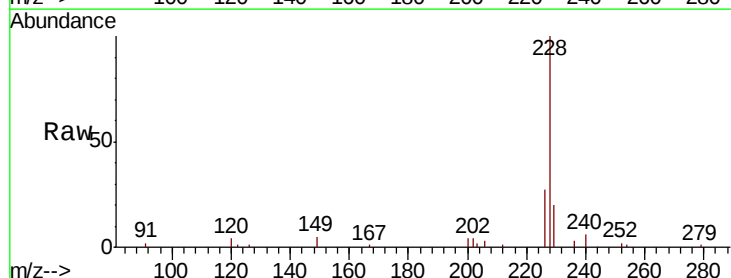
Tgt Ion:228 Resp: 16083

Ion Ratio Lower Upper

228 100

226 26.7 21.2 31.8

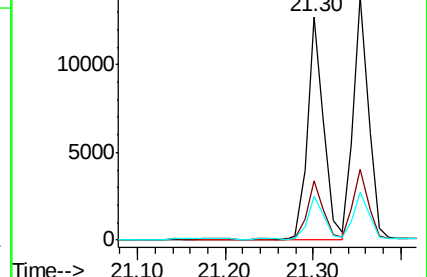
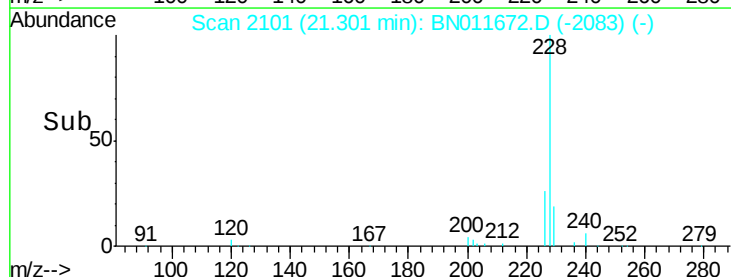
229 19.8 16.0 24.0

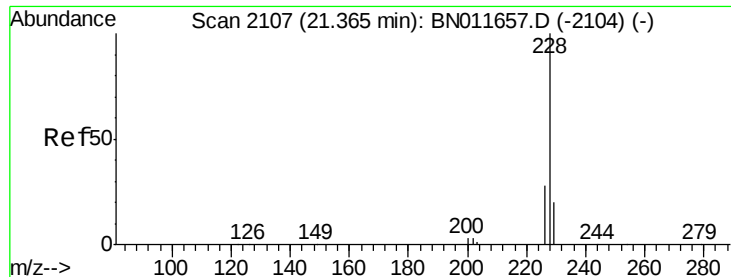


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

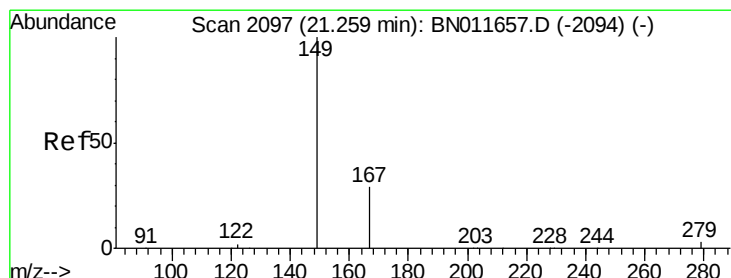
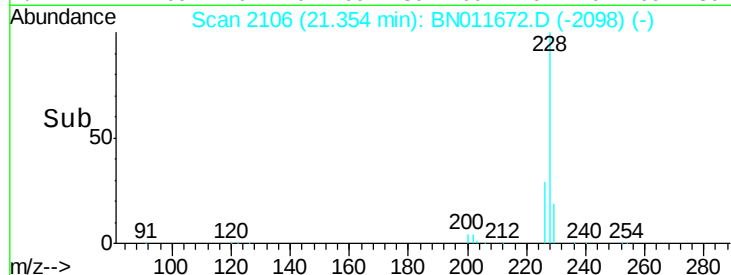
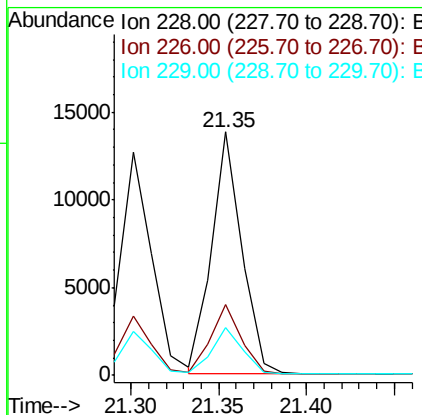
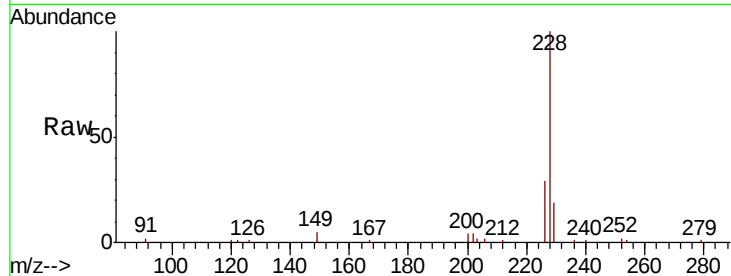




#33
 Chrysene
 Concen: 0.376 ng
 RT: 21.35 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BN011672.D
 Acq: 27 Aug 2020 19:55

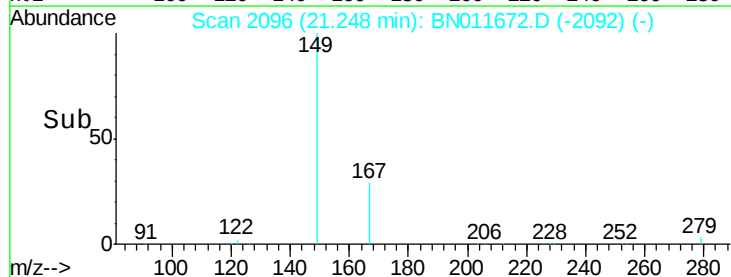
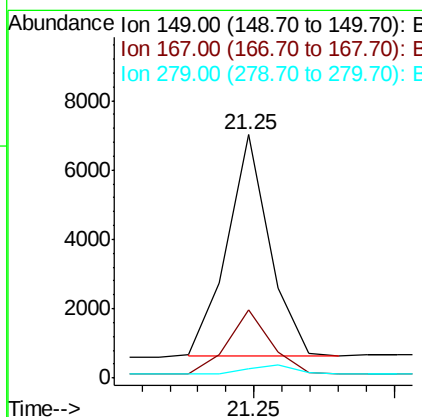
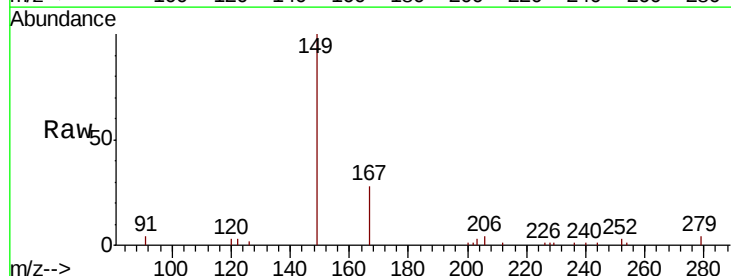
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

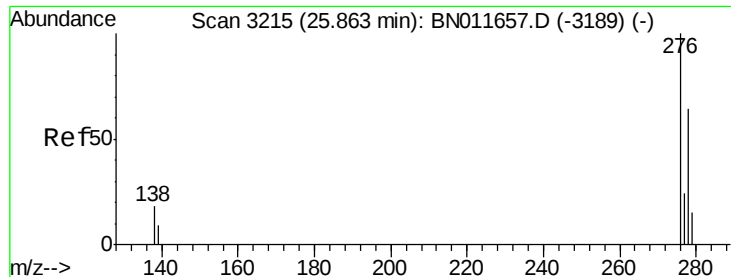
Tot Ion:228 Resp: 16440
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.7 34.1
 229 19.4 15.9 23.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.388 ng
 RT: 21.25 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BN011672.D
 Acq: 27 Aug 2020 19:55

Tgt Ion:149 Resp: 6684
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.2 34.8
 279 4.8 4.0 6.0

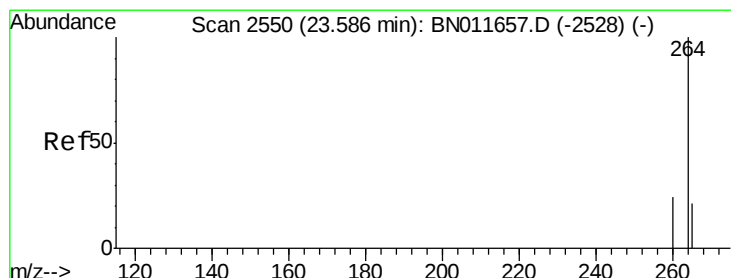
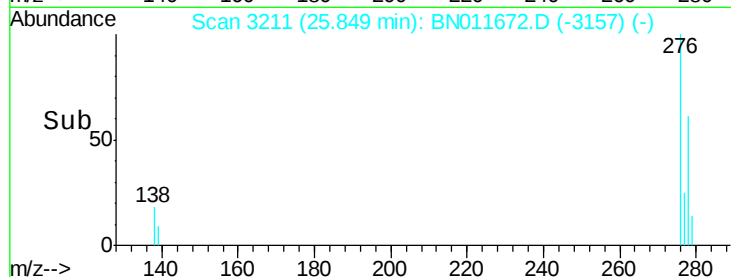
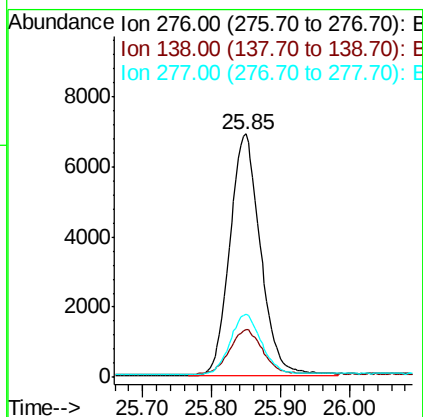
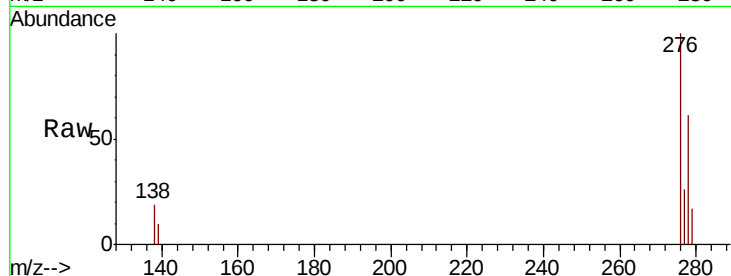




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.373 ng
 RT: 25.85 min Scan# 3211
 Delta R.T. -0.01 min
 Lab File: BN011672.D
 Acq: 27 Aug 2020 19:55

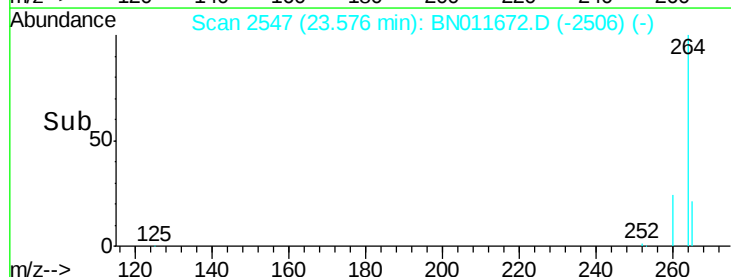
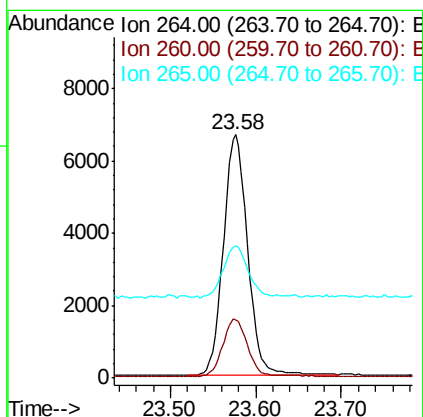
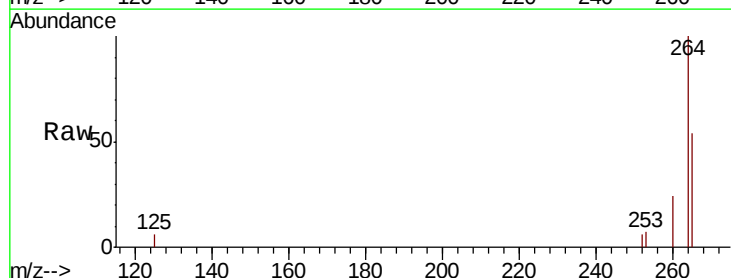
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

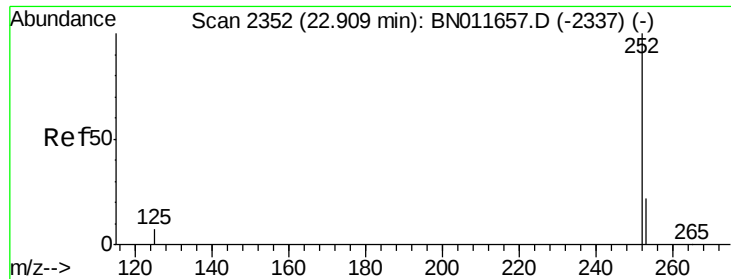
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.4	23.2
277	25.3	20.1	30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BN011672.D
 Acq: 27 Aug 2020 19:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	54.3	38.9	58.3

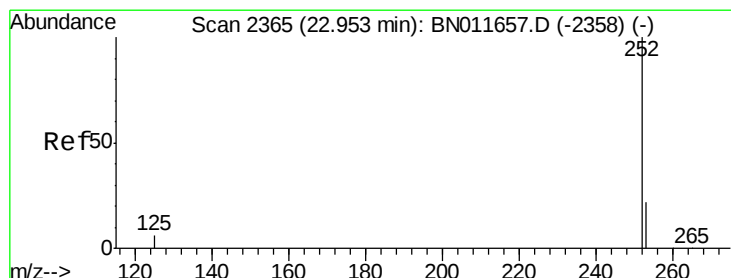
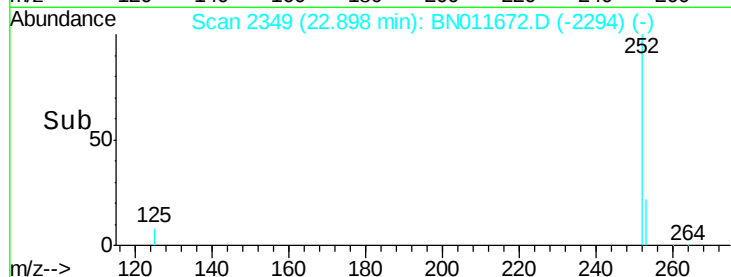
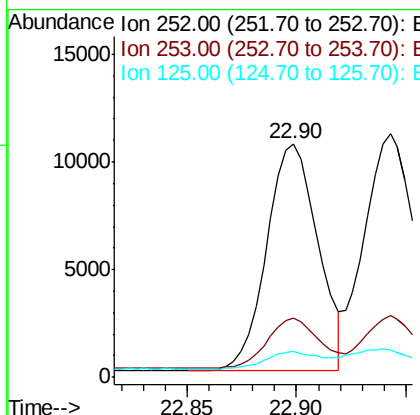
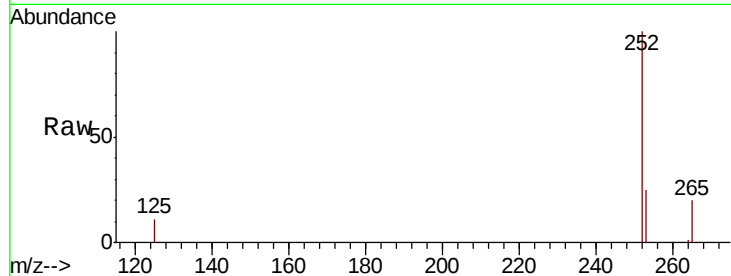




#37
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 22.90 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

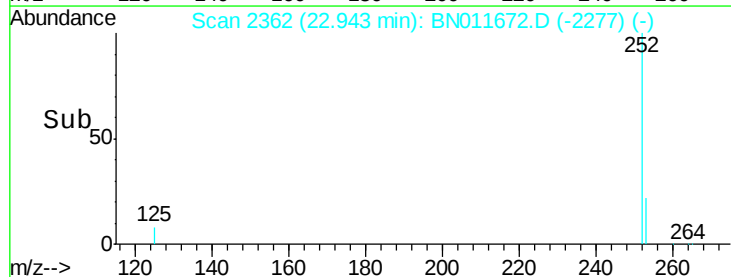
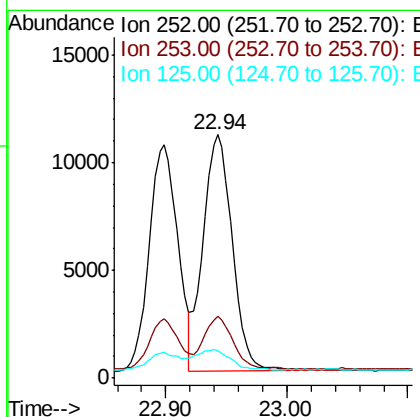
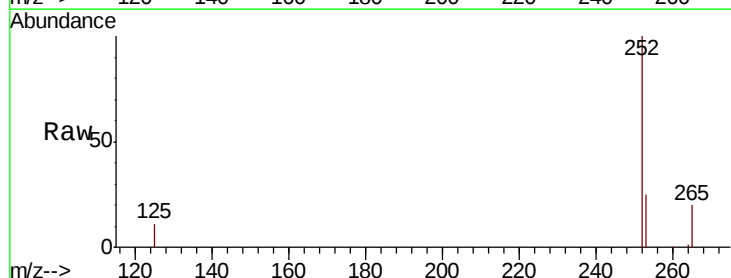
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

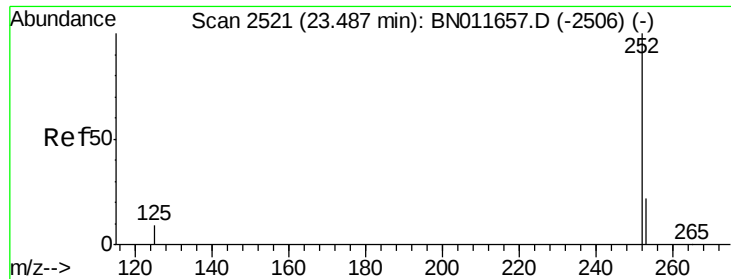
Tot Ion:252 Resp: 17150
Ion Ratio Lower Upper
252 100
253 25.5 19.7 29.5
125 11.3 7.8 11.8



#38
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 22.94 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BN011672.D
Acq: 27 Aug 2020 19:55

Tgt Ion:252 Resp: 18339
Ion Ratio Lower Upper
252 100
253 25.4 19.4 29.0
125 11.3 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.347 ng

RT: 23.48 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

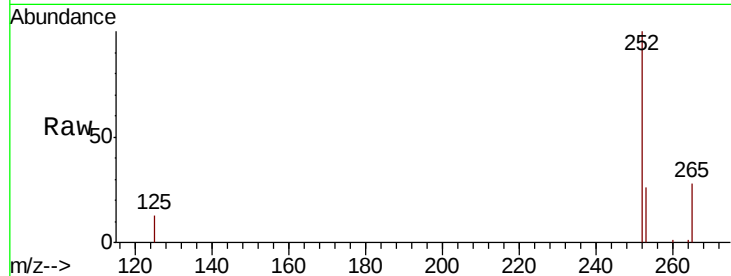
Tot Ion:252 Resp: 15545

Ion Ratio Lower Upper

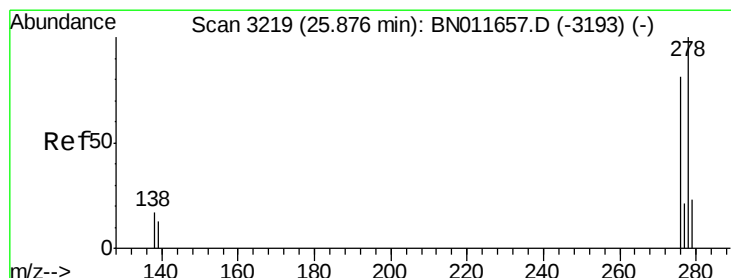
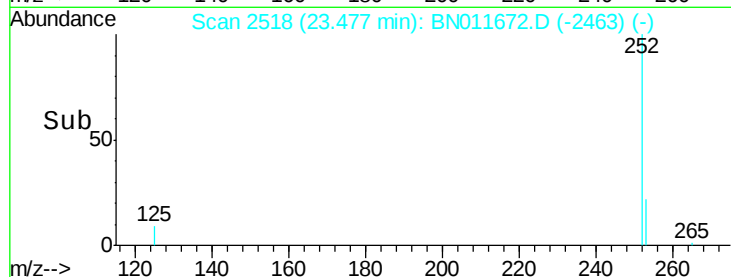
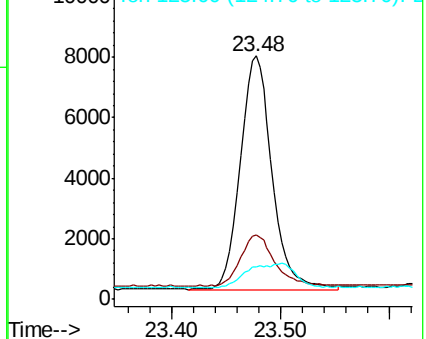
252 100

253 26.4 20.3 30.5

125 13.4 9.8 14.6



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



#40

Dibenzo(a,h)anthracene

Concen: 0.346 ng

RT: 25.87 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BN011672.D

Acq: 27 Aug 2020 19:55

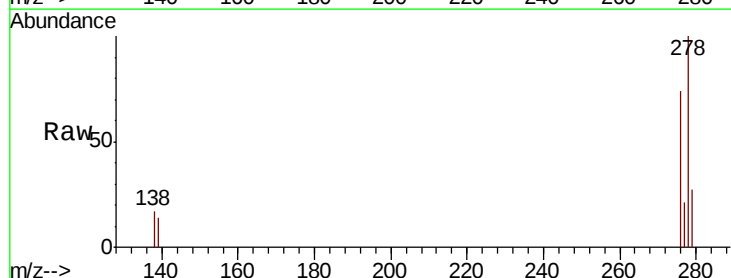
Tgt Ion:278 Resp: 17506

Ion Ratio Lower Upper

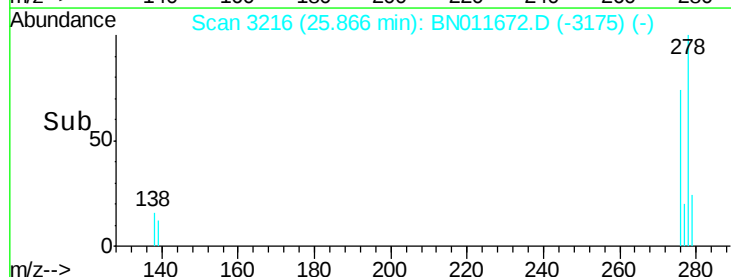
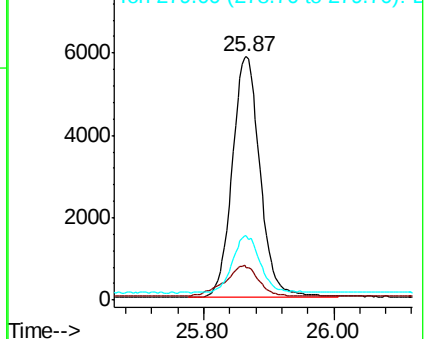
278 100

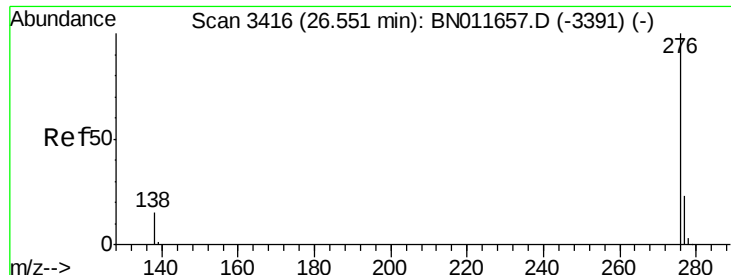
139 13.5 11.0 16.6

279 26.6 20.5 30.7



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: 0.342 ng

RT: 26.54 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN011672.D

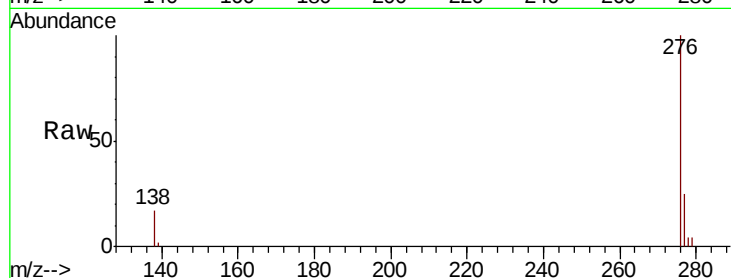
Acq: 27 Aug 2020 19:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



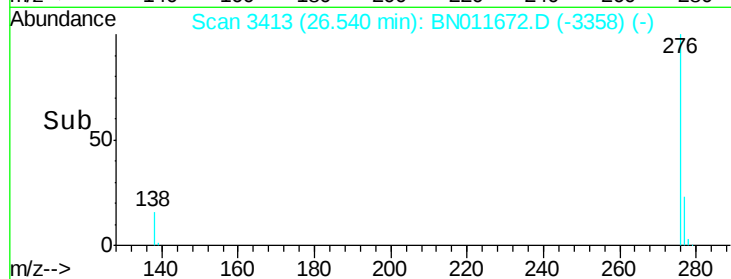
Tot Ion: 276 Resp: 16951

Ion Ratio Lower Upper

276 100

277 25.0 19.7 29.5

138 17.5 13.4 20.2



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

