

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011082.D
 Acq On : 02 Jul 2020 12:46
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 02 14:21:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 14:12:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1883	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	6188	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3280	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	6611	0.40	ng	-0.01
29) Chrysene-d12	21.10	240	6052	0.40	ng	-0.01
36) Perylene-d12	23.25	264	5931	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2213	0.47	ng	0.00
5) Phenol-d6	6.72	99	2220	0.41	ng	0.00
8) Nitrobenzene-d5	8.66	82	2144	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	4224	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	531	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	6541	0.42	ng	0.00
27) Fluoranthene-d10	18.94	212	7886	0.39	ng	0.00
31) Terphenyl-d14	19.55	244	6655	0.42	ng	0.00

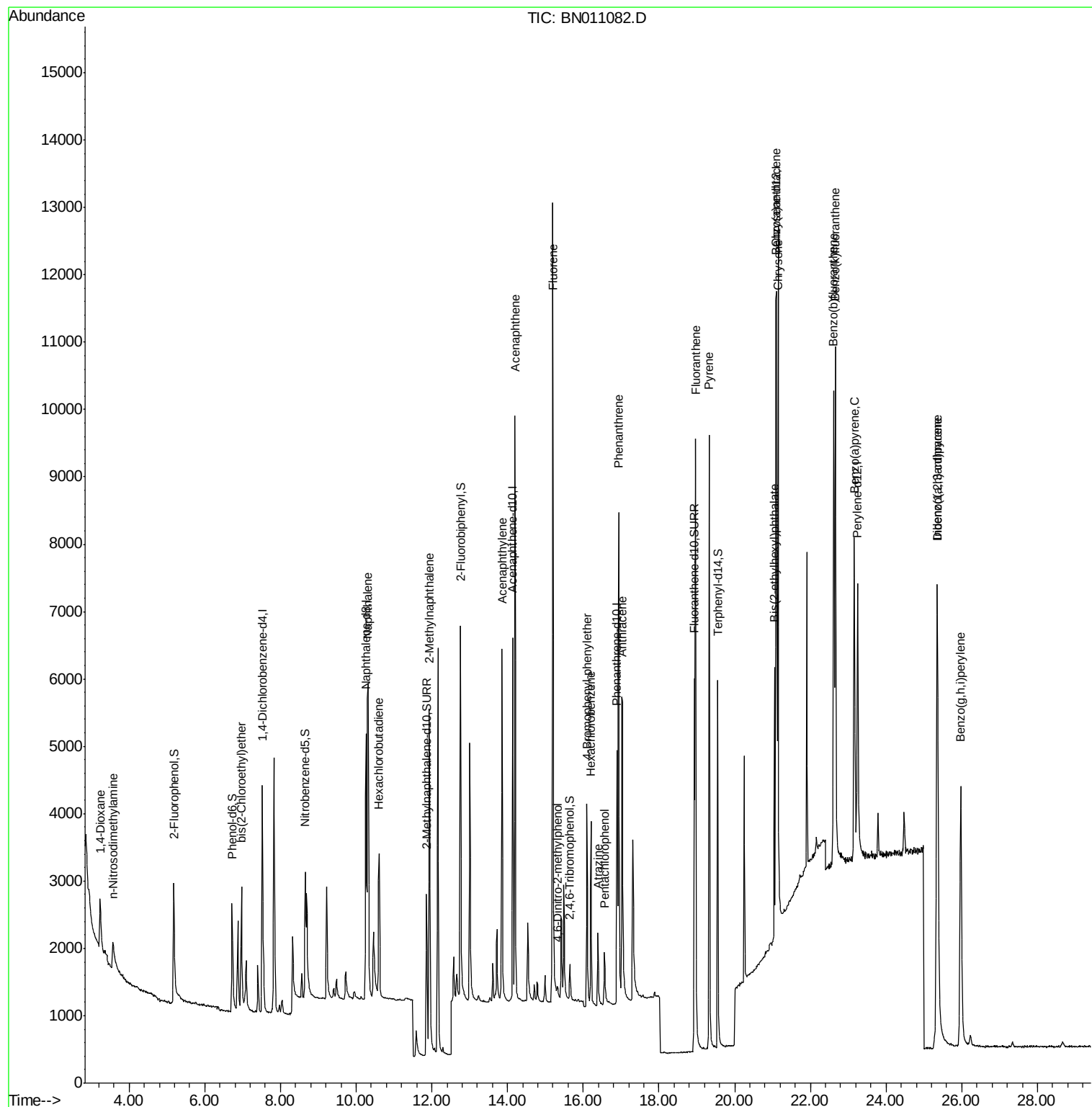
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1105	0.416	ng	98
3) n-Nitrosodimethylamine	3.56	42	543	0.405	ng	# 98
6) bis(2-Chloroethyl)ether	6.97	93	1988	0.406	ng	97
9) Naphthalene	10.32	128	7312	0.396	ng	100
10) Hexachlorobutadiene	10.61	225	1857	0.397	ng	# 99
12) 2-Methylnaphthalene	11.94	142	4879	0.395	ng	100
16) Acenaphthylene	13.85	152	6365	0.387	ng	99
17) Acenaphthene	14.20	154	4436	0.398	ng	100
18) Fluorene	15.20	166	5572	0.400	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	237	0.375	ng	91
21) 4-Bromophenyl-phenylether	16.10	248	1678	0.382	ng	96
22) Hexachlorobenzene	16.20	284	2063	0.398	ng	98
23) Atrazine	16.39	200	1168	0.376	ng	99
24) Pentachlorophenol	16.56	266	570	0.409	ng	93
25) Phenanthrene	16.93	178	8519	0.398	ng	100
26) Anthracene	17.03	178	6849	0.387	ng	99
28) Fluoranthene	18.97	202	9384	0.390	ng	99
30) Pyrene	19.33	202	9368	0.415	ng	100
32) Benzo(a)anthracene	21.09	228	8279	0.409	ng	99
33) Chrysene	21.14	228	9330	0.402	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	3348	0.409	ng	100
35) Indeno(1,2,3-cd)pyrene	25.35	276	10087	0.416	ng	98
37) Benzo(b)fluoranthene	22.62	252	9023	0.380	ng	99
38) Benzo(k)fluoranthene	22.66	252	10486	0.412	ng	99
39) Benzo(a)pyrene	23.16	252	8226	0.401	ng	99
40) Dibenzo(a,h)anthracene	25.36	278	7711	0.367	ng	98
41) Benzo(g,h,i)perylene	25.98	276	8827	0.382	ng	100

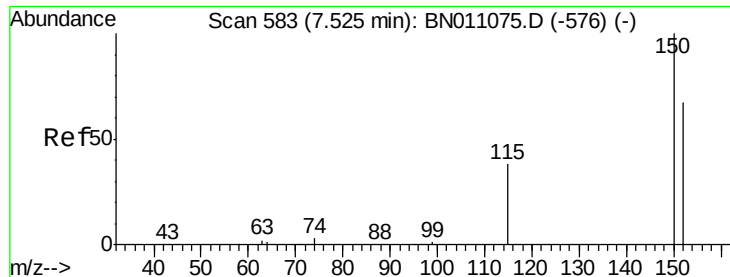
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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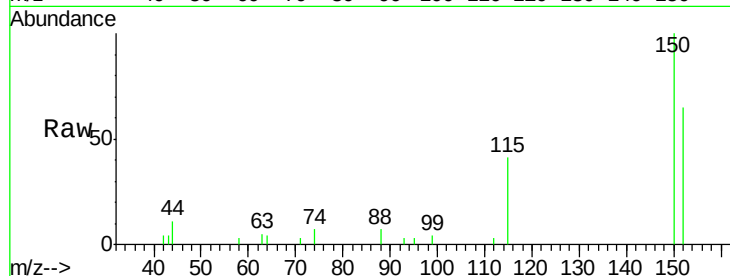


#1

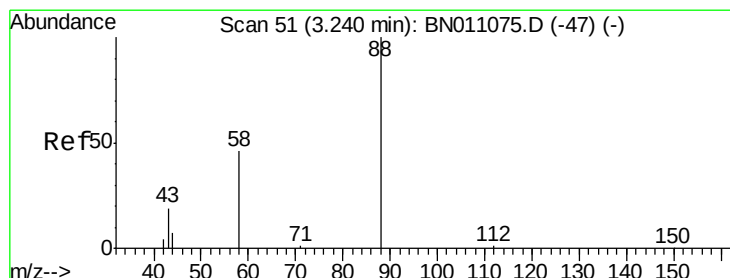
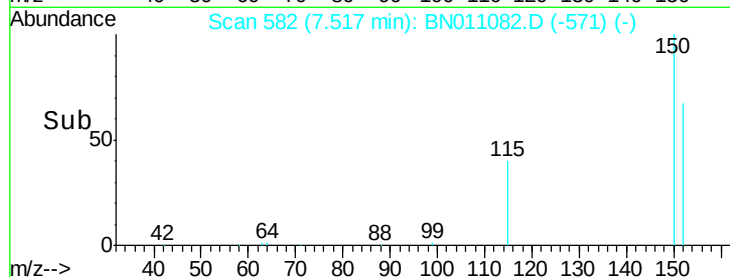
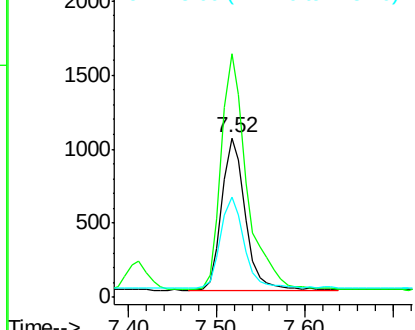
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 1883
Ion Ratio Lower Upper
152 100
150 153.0 117.4 176.0
115 62.7 47.9 71.9



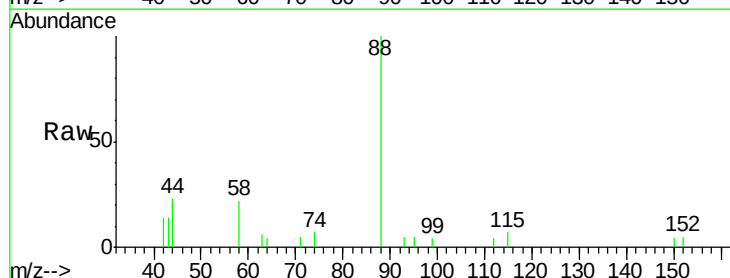
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



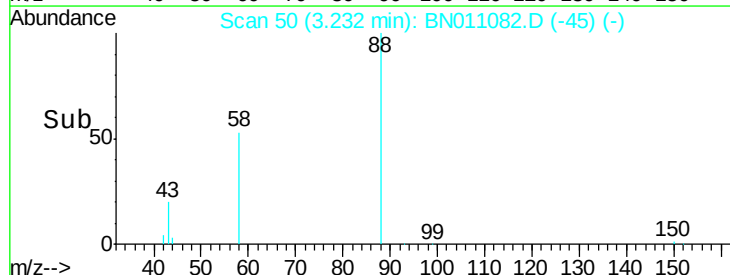
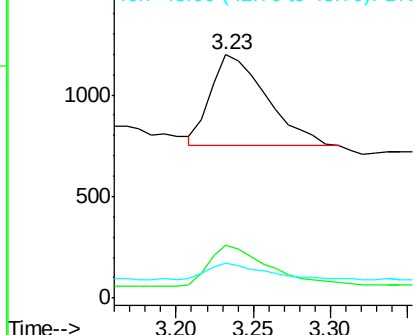
#2

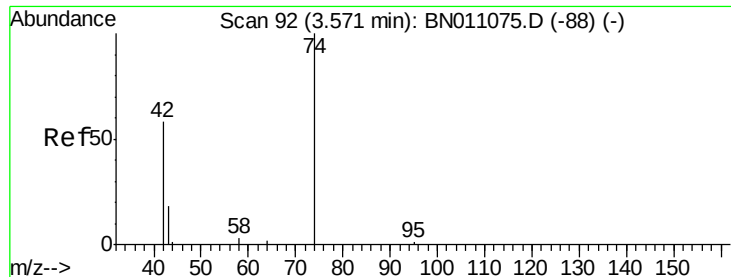
1,4-Dioxane
Concen: 0.416 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

Tgt Ion: 88 Resp: 1105
Ion Ratio Lower Upper
88 100
58 49.5 38.6 57.8
43 18.0 15.4 23.0



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: 0.405 ng

RT: 3.56 min Scan# 91

Delta R.T. -0.01 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

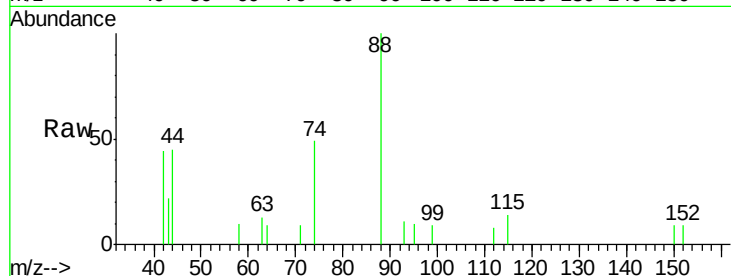
Tot Ion: 42 Resp: 543

Ion Ratio Lower Upper

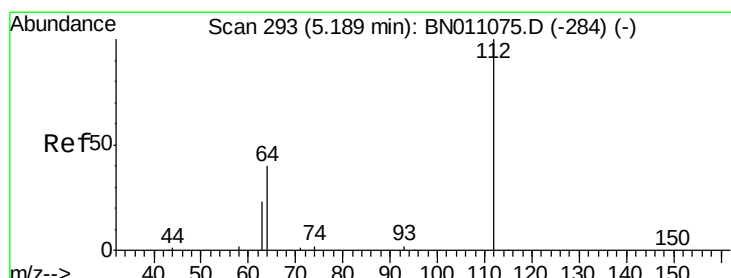
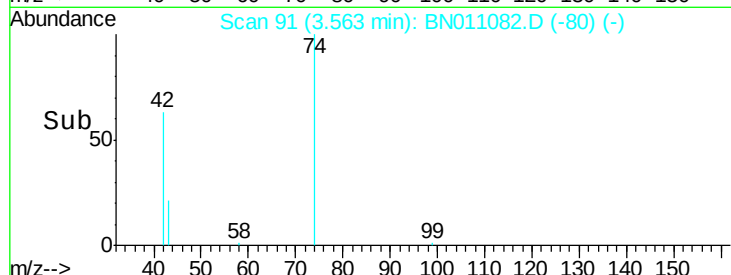
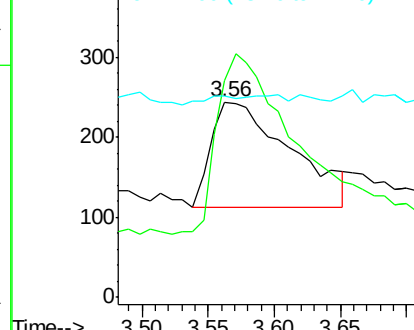
42 100

74 175.0 142.5 213.7

44 3.3 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: 0.472 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.01 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

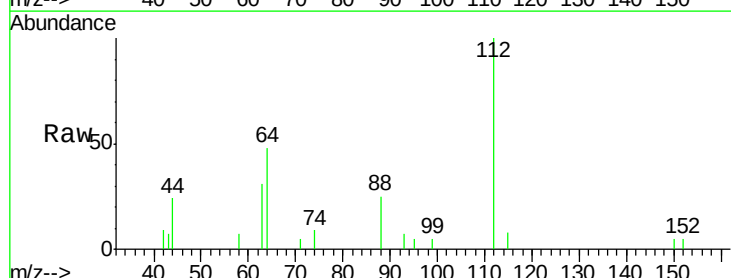
Tgt Ion: 112 Resp: 2213

Ion Ratio Lower Upper

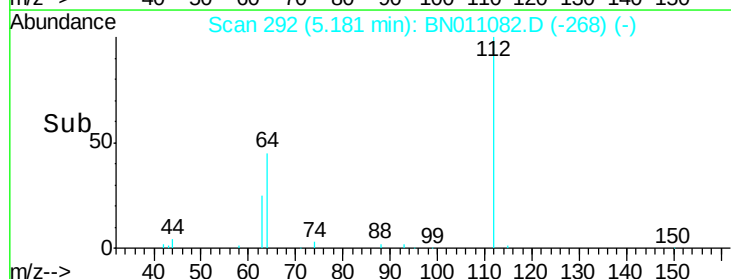
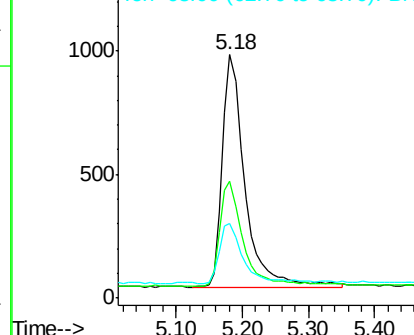
112 100

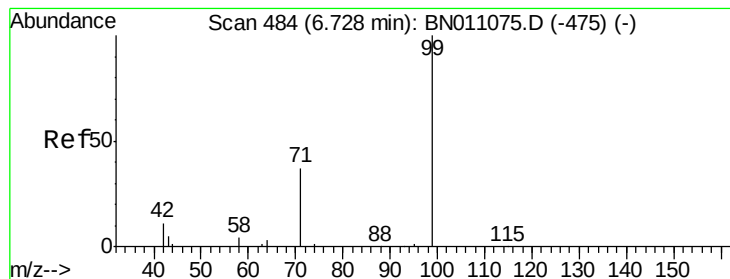
64 46.4 36.5 54.7

63 26.1 20.6 30.8



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





#5

Phenol-d6

Concen: 0.412 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.01 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

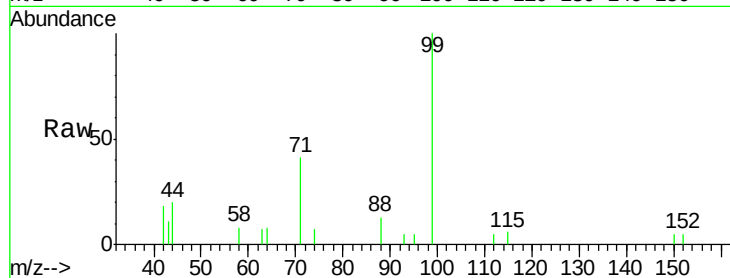
Tot Ion: 99 Resp: 2220

Ion Ratio Lower Upper

99 100

42 12.0 9.8 14.8

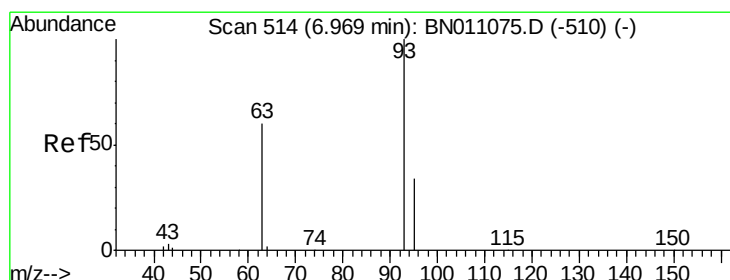
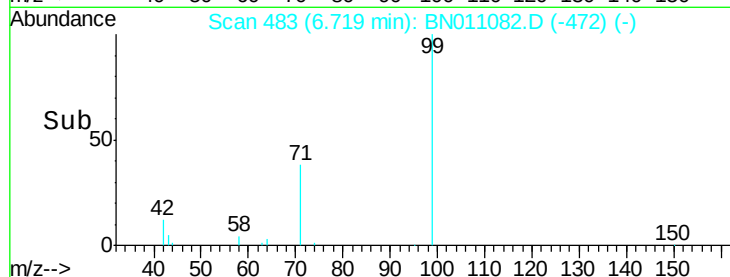
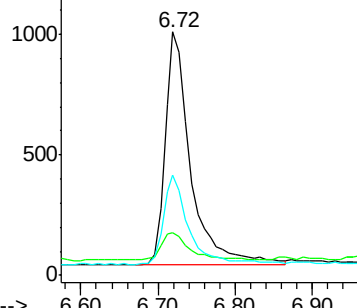
71 37.8 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011075.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011075.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011075.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.406 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

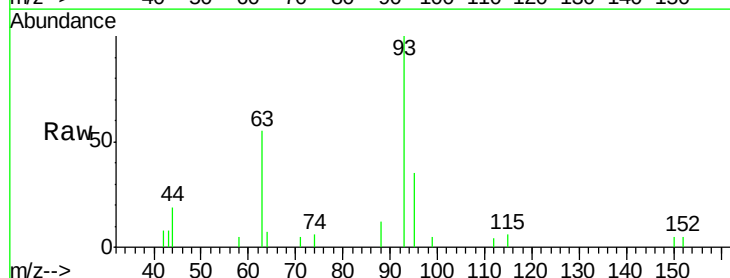
Tgt Ion: 93 Resp: 1988

Ion Ratio Lower Upper

93 100

63 56.2 47.4 71.2

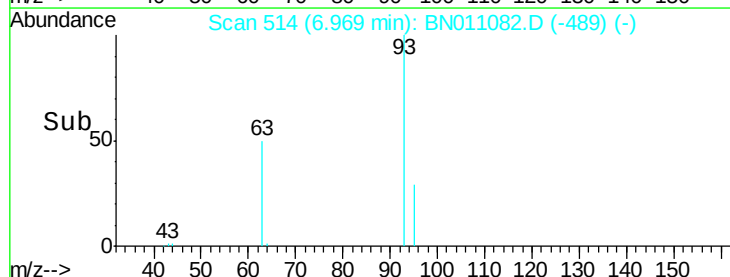
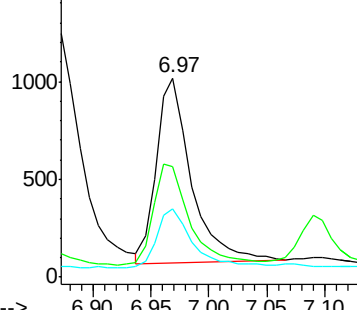
95 32.4 26.4 39.6

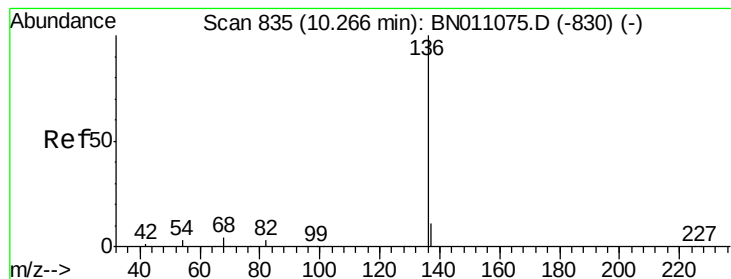


Abundance Ion 93.00 (92.70 to 93.70): BN011075.D (-510) (-)

Ion 63.00 (62.70 to 63.70): BN011075.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011075.D (-510) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6188

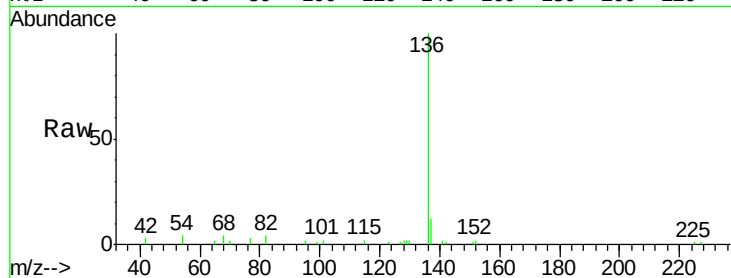
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 4.1 3.8 5.6

68 4.3 4.3 6.5

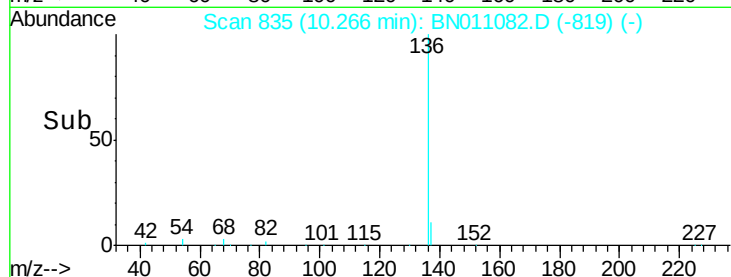


Abundance Ion 136.00 (135.70 to 136.70): E

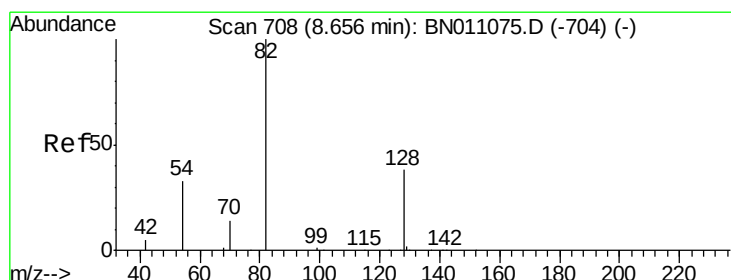
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.408 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

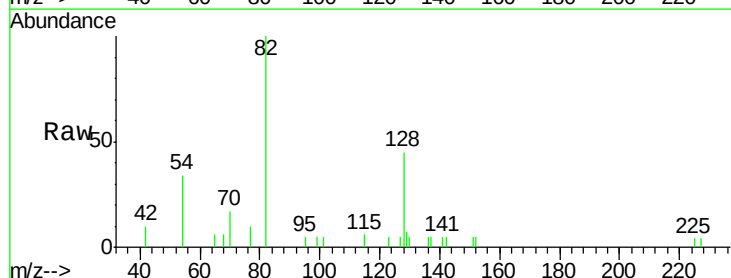
Tgt Ion: 82 Resp: 2144

Ion Ratio Lower Upper

82 100

128 45.1 34.2 51.2

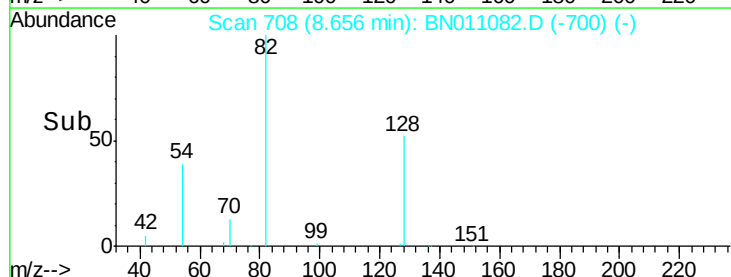
54 34.3 29.4 44.0



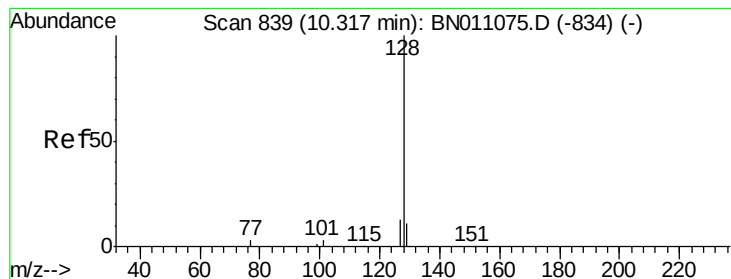
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.396 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

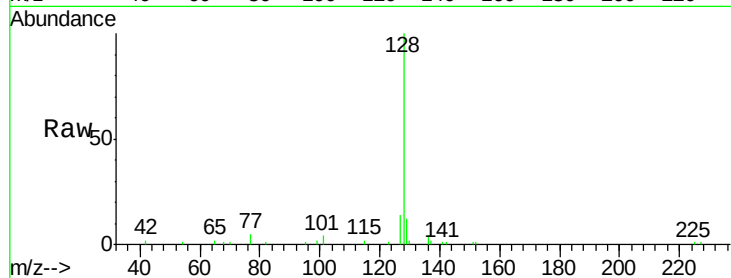
Tot Ion:128 Resp: 7312

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.8

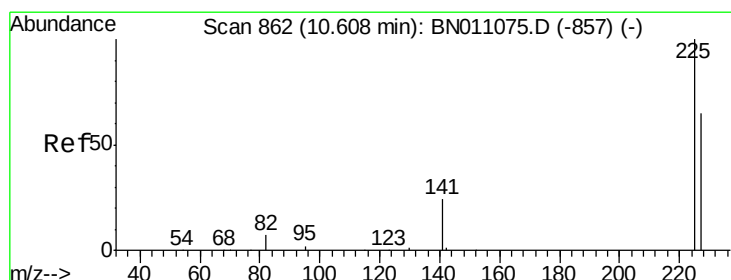
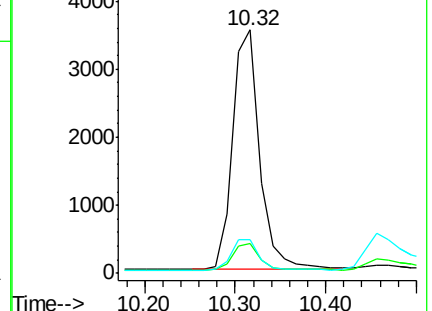
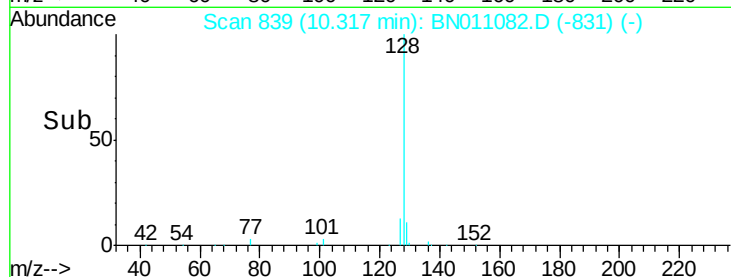
127 14.1 11.3 16.9



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: 0.397 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

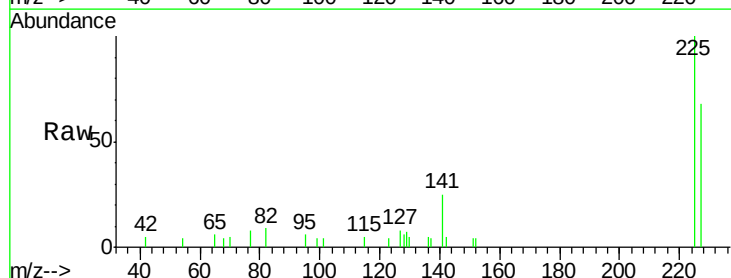
Tgt Ion:225 Resp: 1857

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

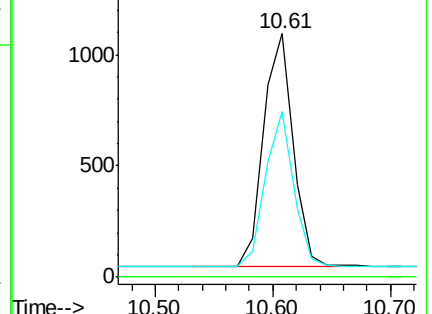
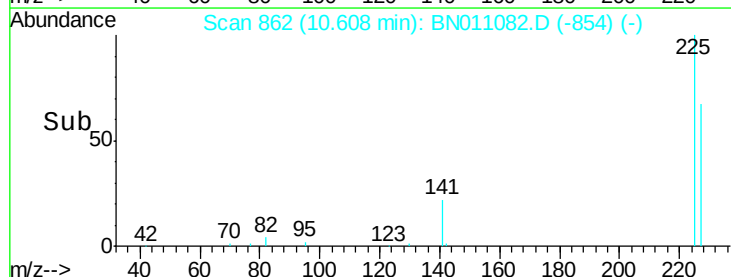
227 63.9 51.4 77.2

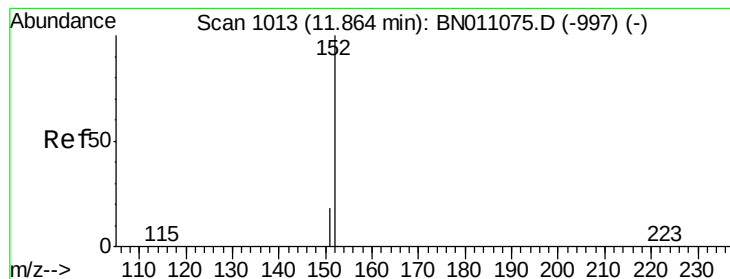


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 11.86 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

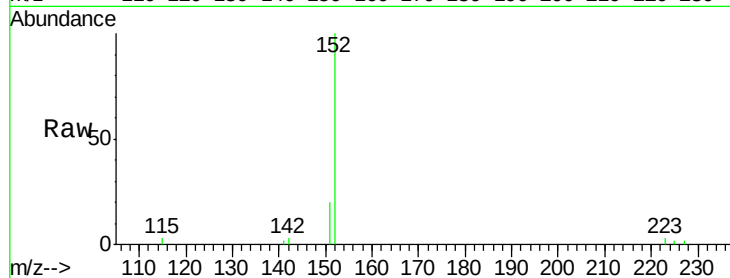
SSTDCCC0.4

Tot Ion:152 Resp: 4224

Ion Ratio Lower Upper

152 100

151 20.1 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.86

2500

2000

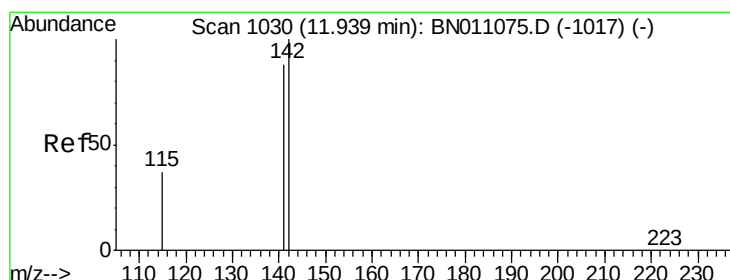
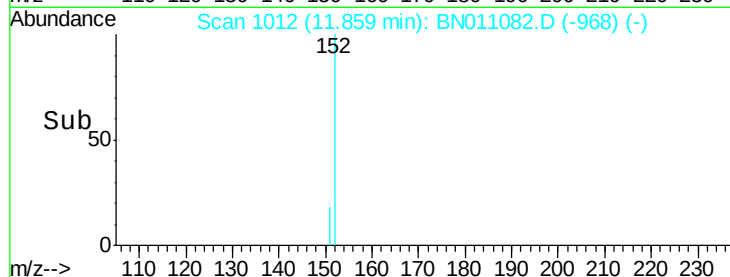
1500

1000

500

0

Time--> 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.395 ng

RT: 11.94 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

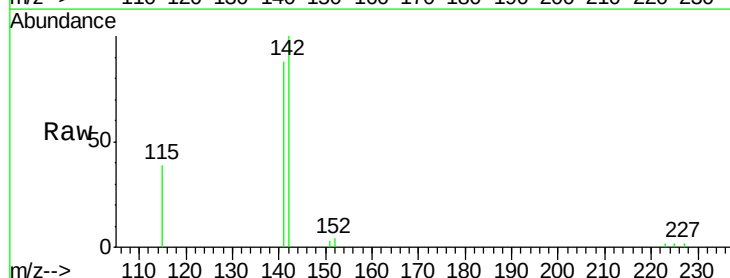
Tgt Ion:142 Resp: 4879

Ion Ratio Lower Upper

142 100

141 87.8 70.3 105.5

115 39.1 31.2 46.8



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

11.94

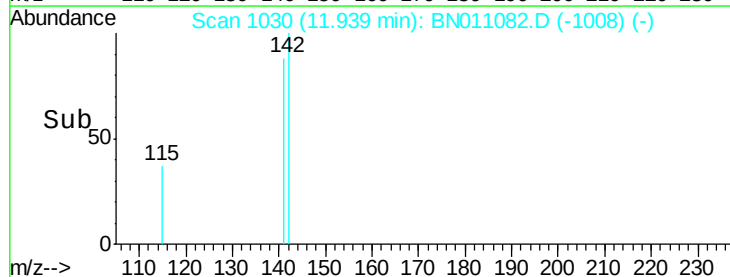
3000

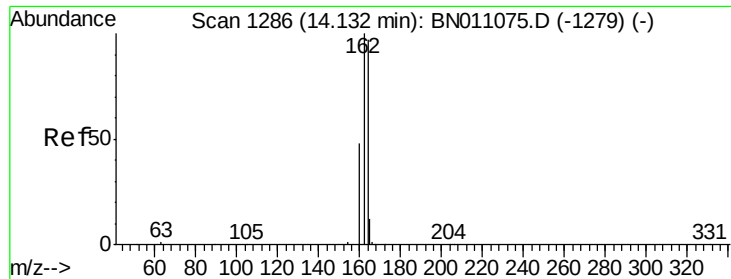
2000

1000

0

Time--> 11.80 11.90 12.00 12.10

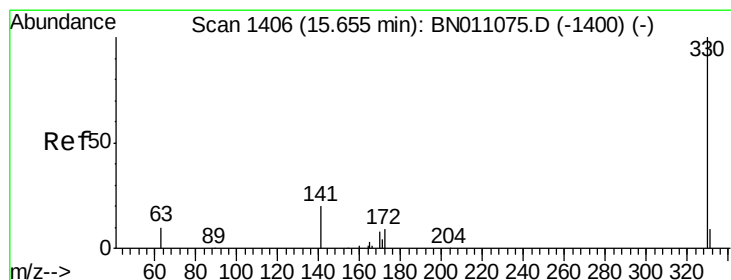
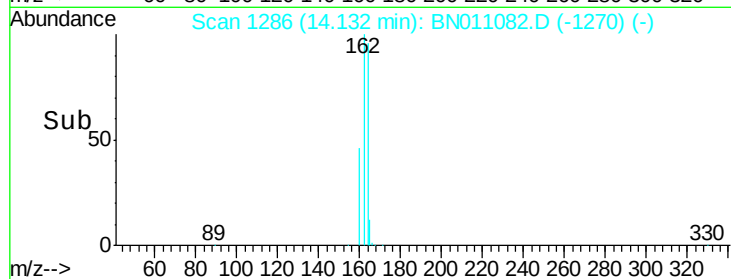
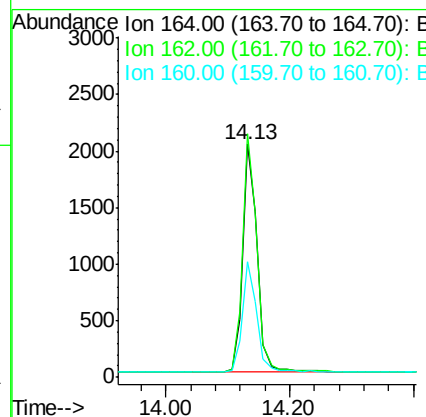
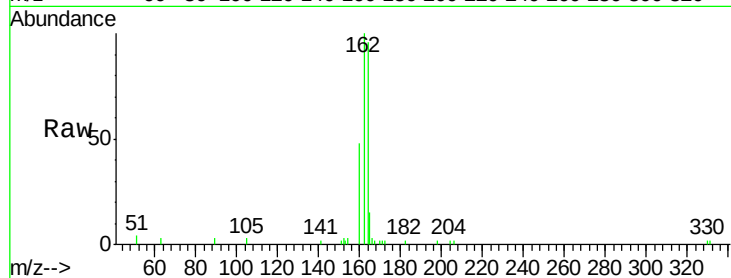




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.13 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BN011082.D
 Acq: 02 Jul 2020 12:46

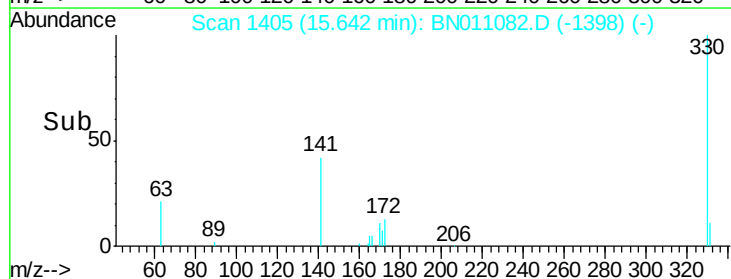
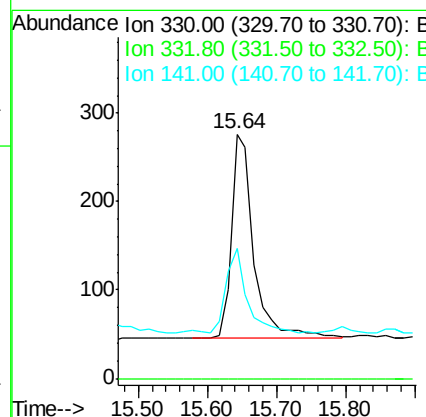
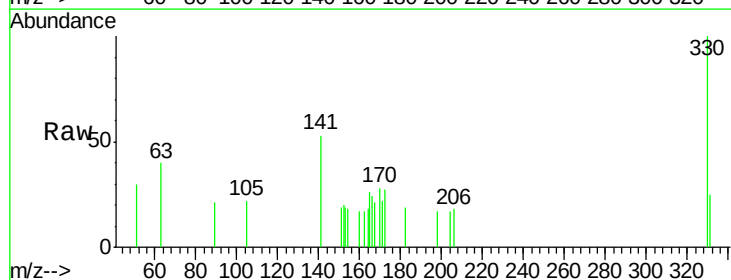
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

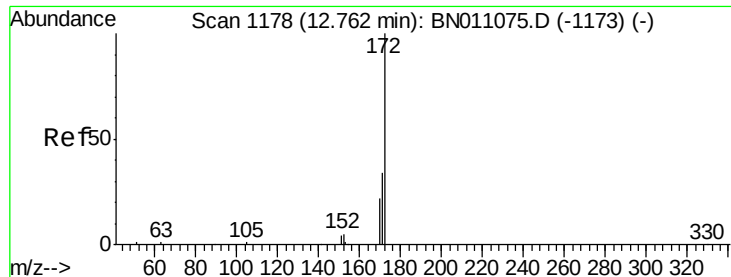
Tot Ion:164 Resp: 3280
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.3 123.5
 160 49.7 40.6 61.0



#14
 2,4,6-Tribromophenol
 Concen: 0.385 ng
 RT: 15.64 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BN011082.D
 Acq: 02 Jul 2020 12:46

Tgt Ion:330 Resp: 531
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.5 32.6 49.0

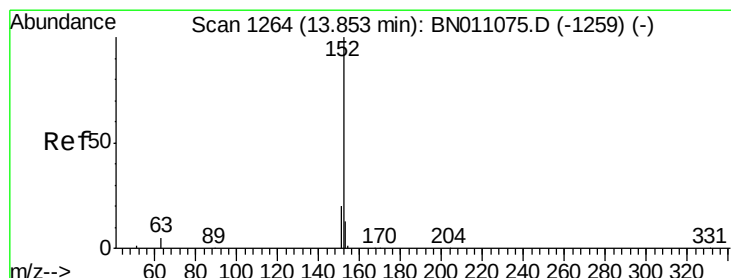
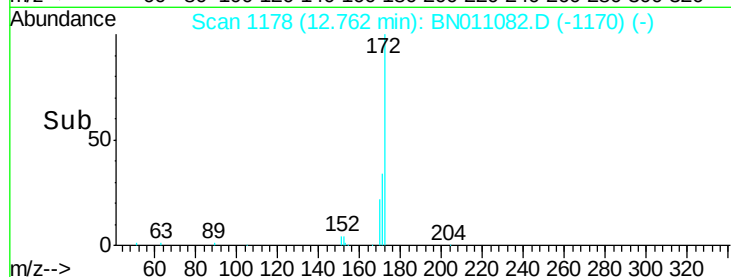
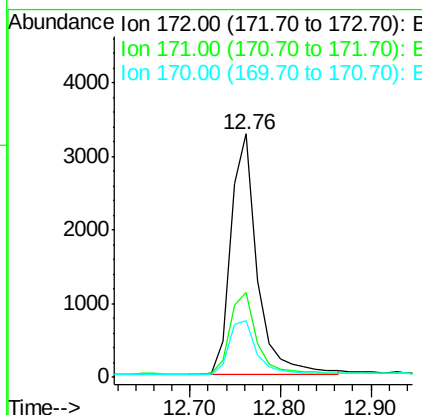
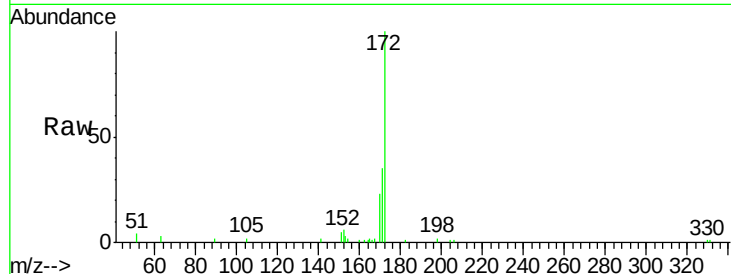




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

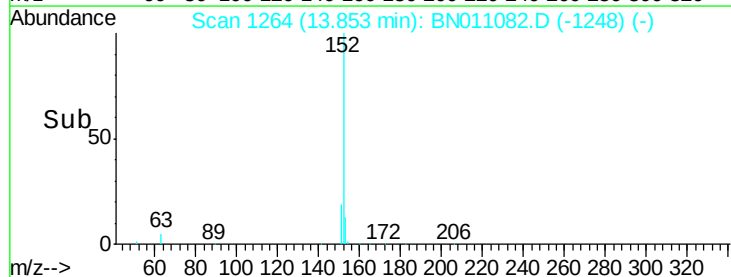
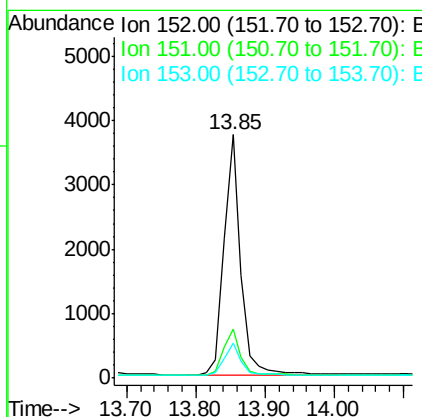
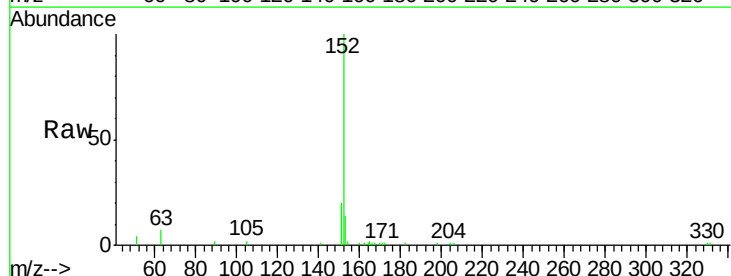
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

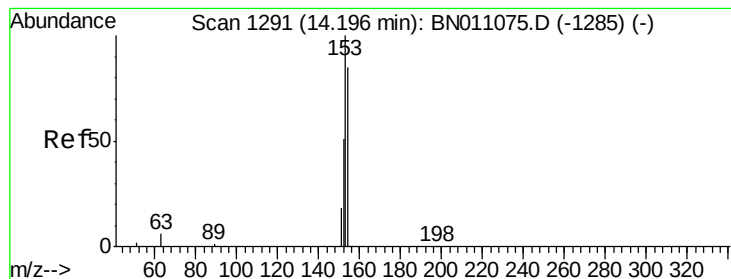
Tot Ion:172 Resp: 6541
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.3 18.7 28.1



#16
Acenaphthylene
Concen: 0.387 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

Tgt Ion:152 Resp: 6365
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.1 10.8 16.2





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

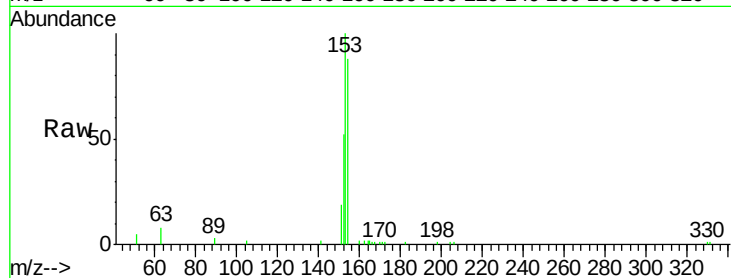
Tot Ion:154 Resp: 4436

Ion Ratio Lower Upper

154 100

153 115.0 91.7 137.5

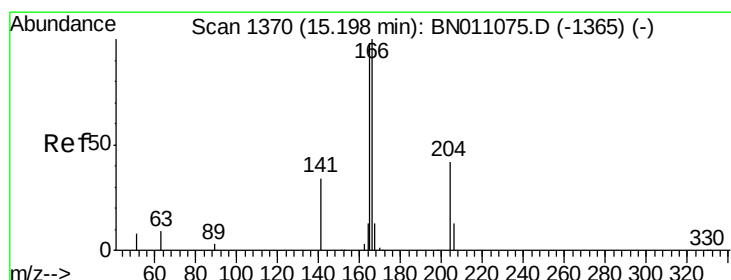
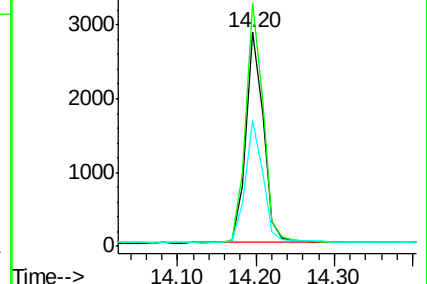
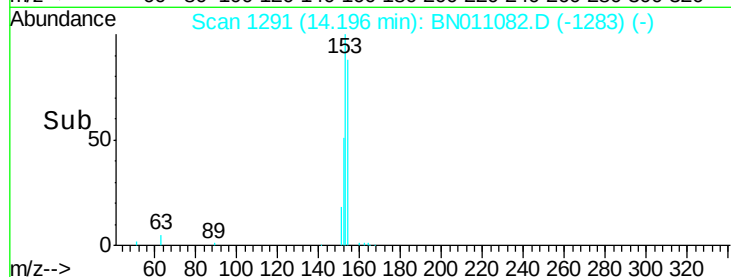
152 58.6 46.8 70.2



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: 0.400 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

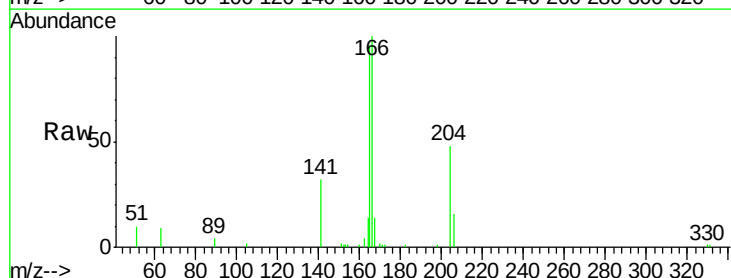
Tgt Ion:166 Resp: 5572

Ion Ratio Lower Upper

166 100

165 97.6 78.9 118.3

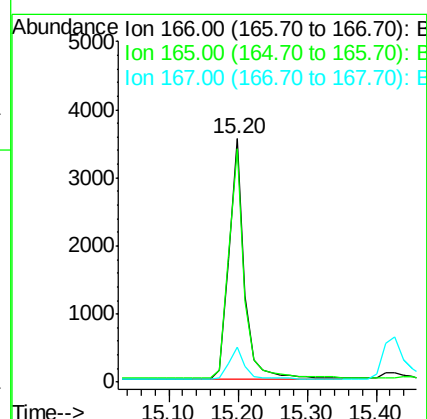
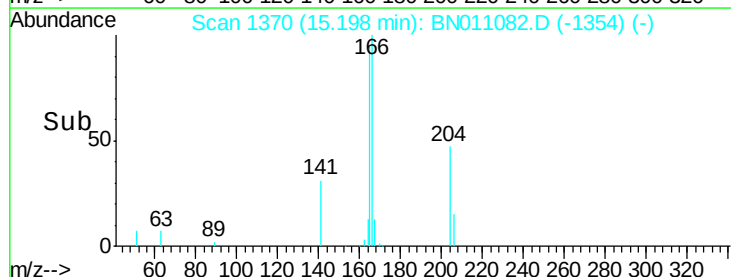
167 13.3 10.9 16.3

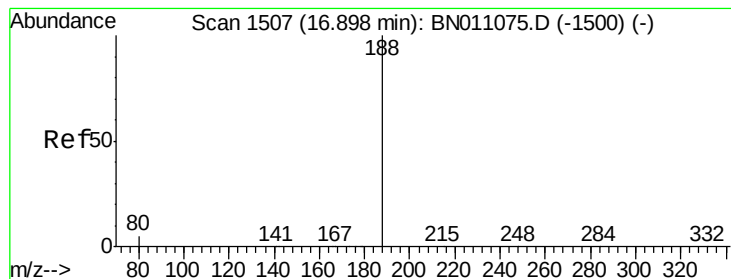


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.89 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

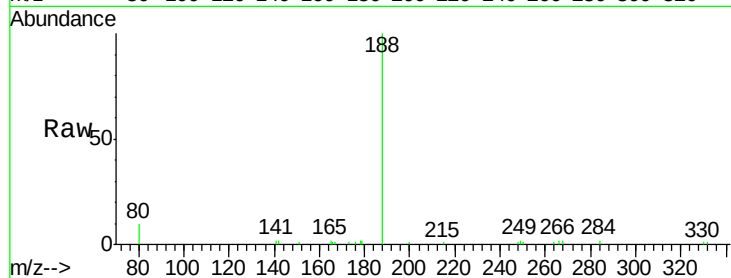
Tot Ion:188 Resp: 6611

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

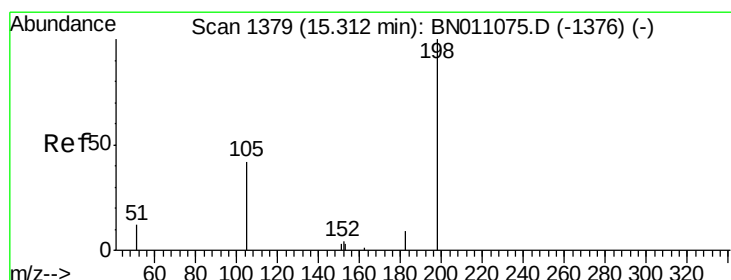
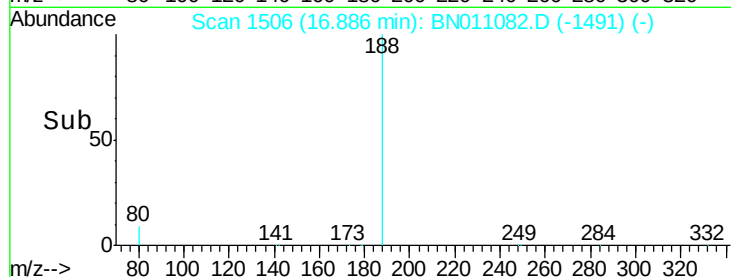
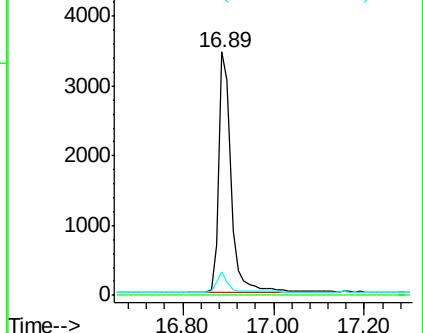
80 9.9 5.3 7.9#



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

4,6-Dinitro-2-methylphenol

Concen: 0.375 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

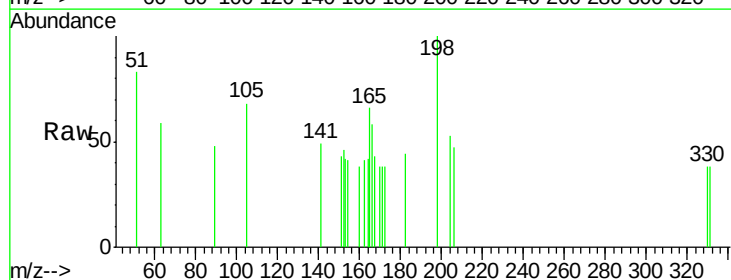
Tgt Ion:198 Resp: 237

Ion Ratio Lower Upper

198 100

51 83.3 58.2 87.4

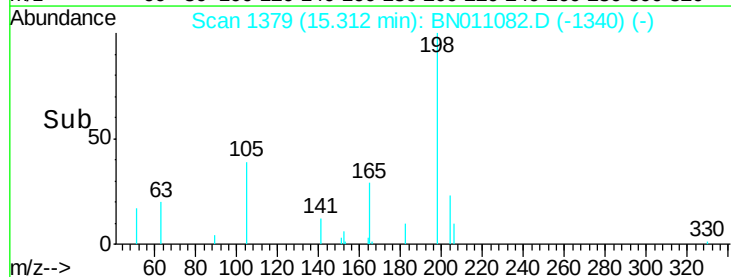
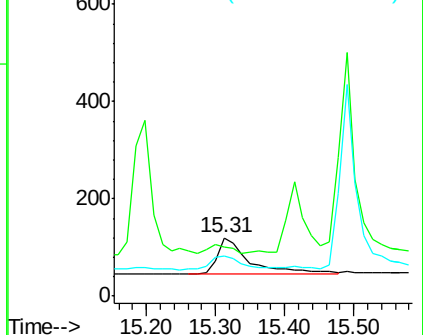
105 68.3 59.0 88.4

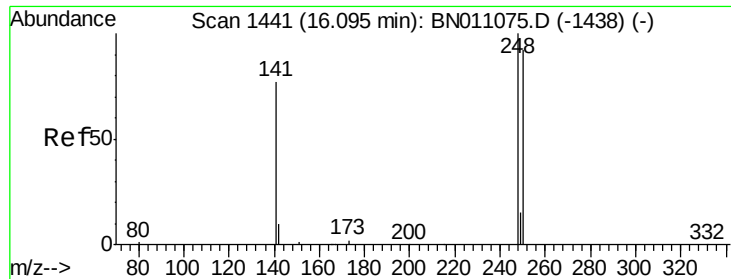


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

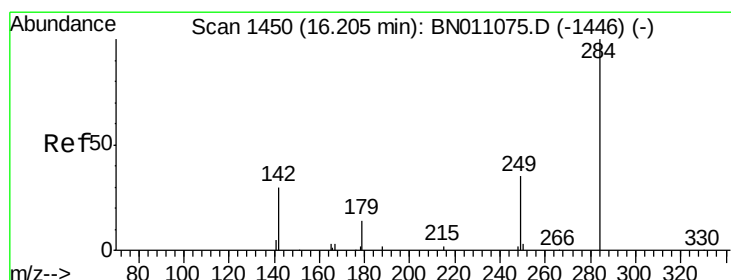
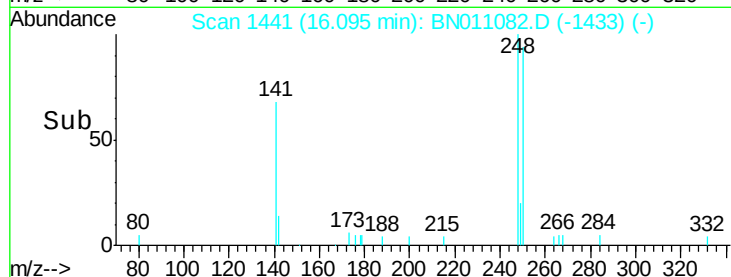
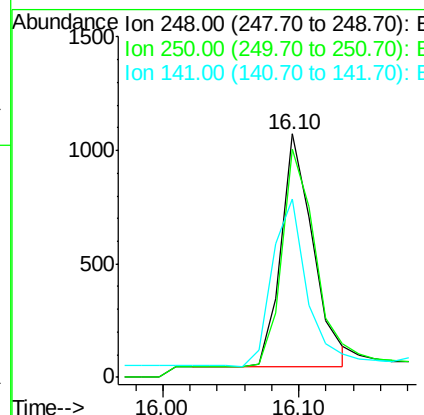
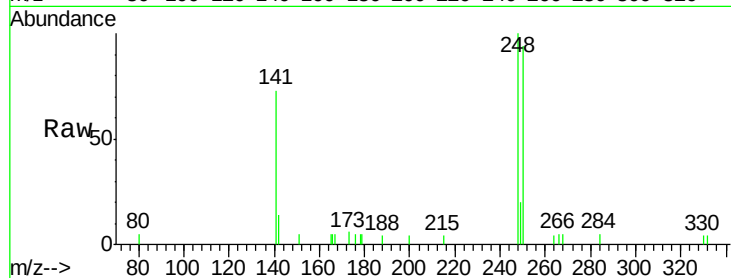




#21
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

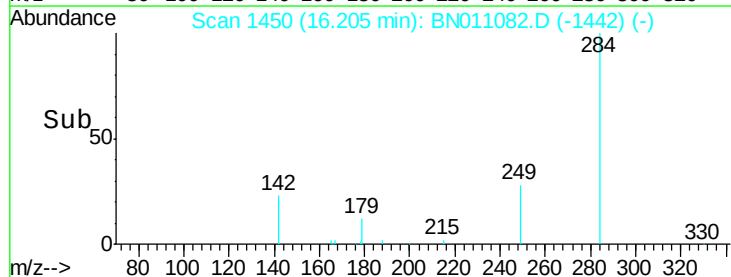
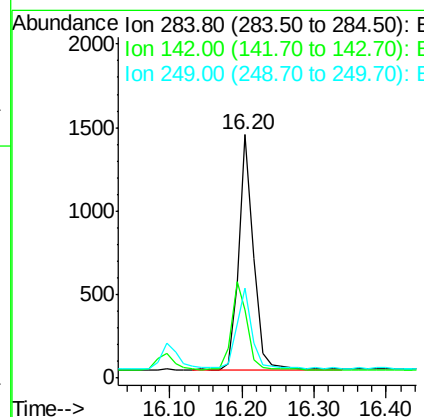
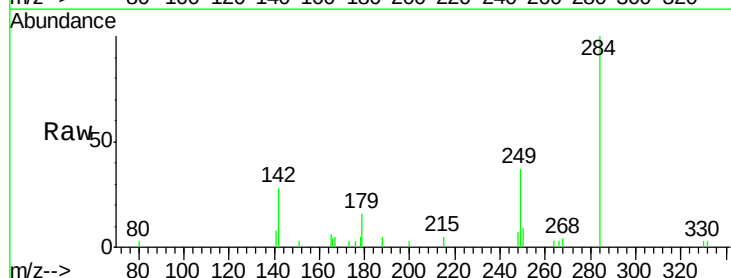
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

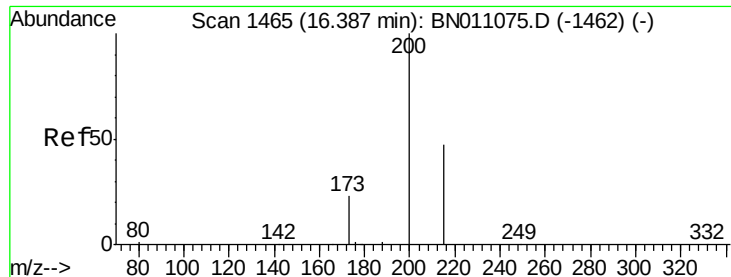
Tot Ion:248 Resp: 1678
Ion Ratio Lower Upper
248 100
250 93.7 73.8 110.8
141 73.2 63.1 94.7



#22
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

Tgt Ion:284 Resp: 2063
Ion Ratio Lower Upper
284 100
142 39.9 33.3 49.9
249 34.8 27.4 41.2

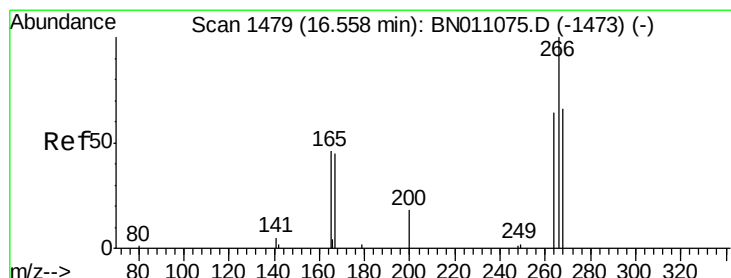
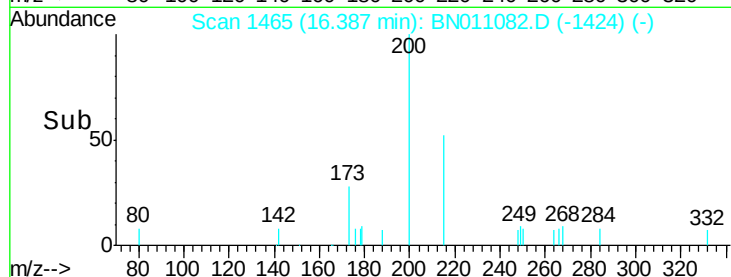
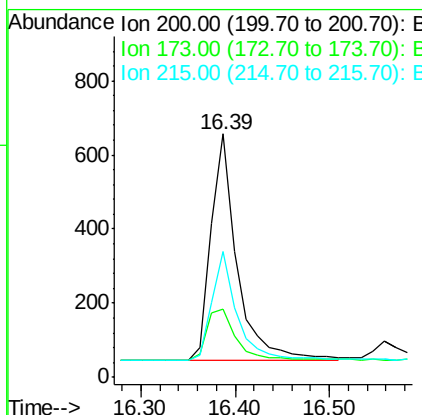
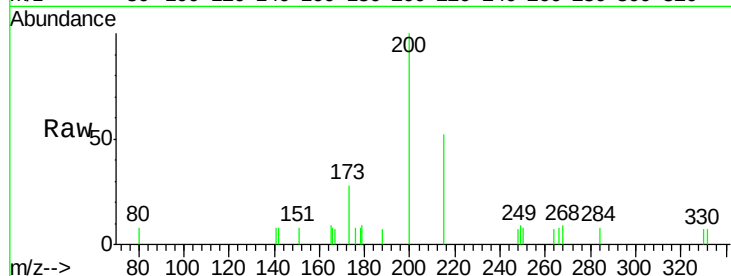




#23
Atrazine
Concen: 0.376 ng
RT: 16.39 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

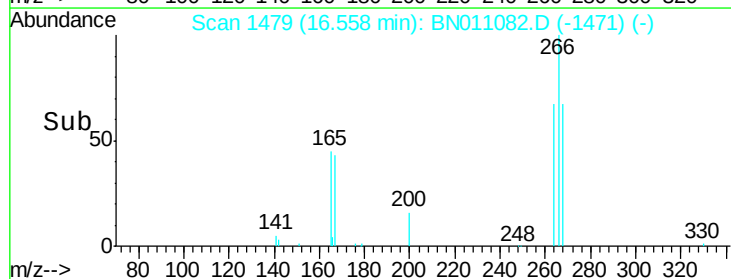
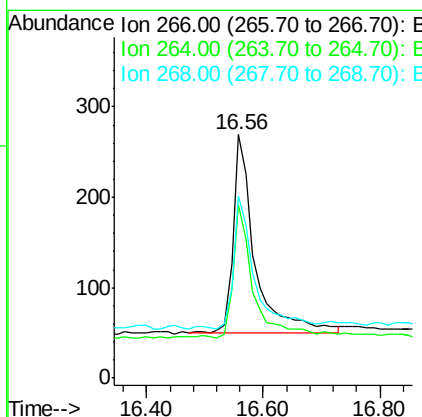
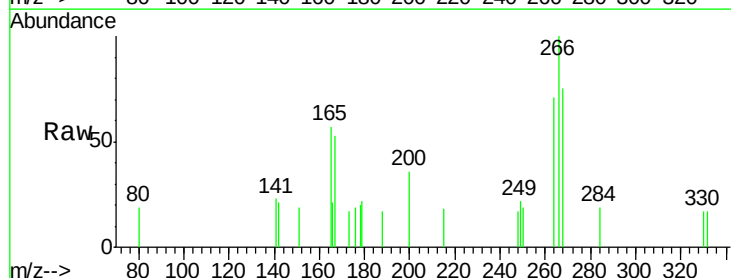
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

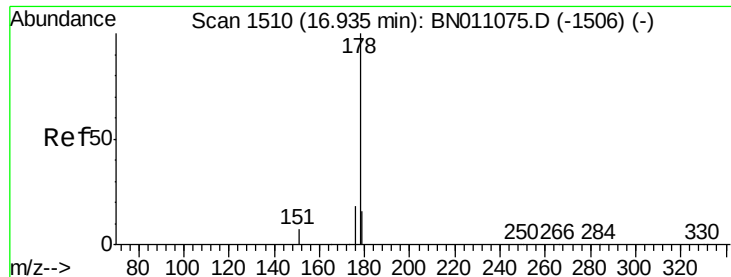
Tot Ion:200 Resp: 1168
Ion Ratio Lower Upper
200 100
173 27.9 22.8 34.2
215 51.9 40.7 61.1



#24
Pentachlorophenol
Concen: 0.409 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

Tgt Ion:266 Resp: 570
Ion Ratio Lower Upper
266 100
264 65.6 47.4 71.0
268 64.2 55.0 82.4





#25

Phenanthrene

Concen: 0.398 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

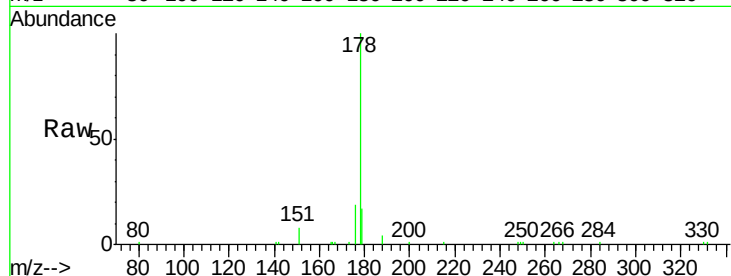
Tot Ion:178 Resp: 8519

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

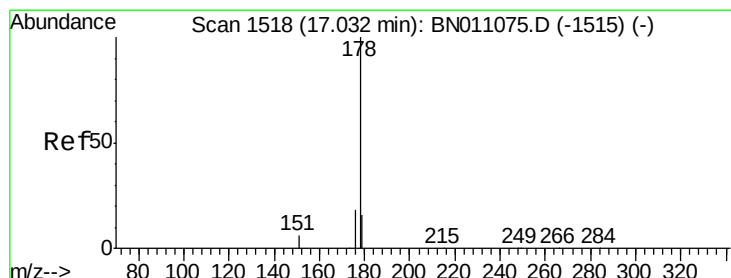
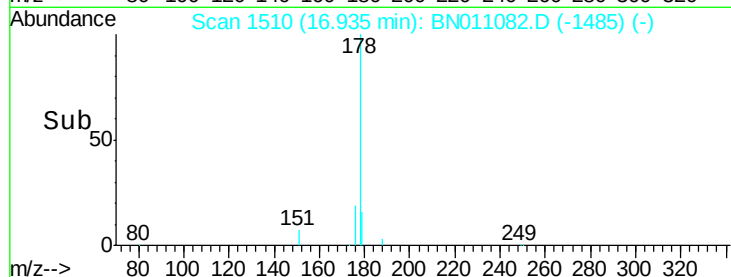
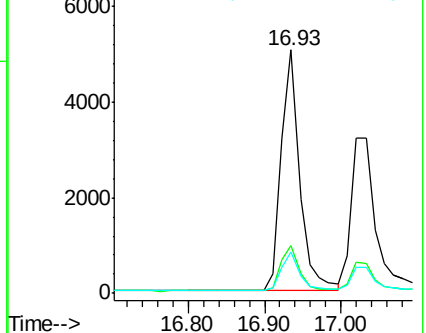
179 15.4 12.5 18.7



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



#26

Anthracene

Concen: 0.387 ng

RT: 17.03 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

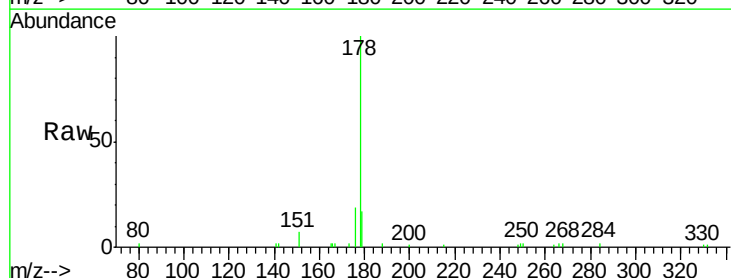
Tgt Ion:178 Resp: 6849

Ion Ratio Lower Upper

178 100

176 18.1 14.2 21.4

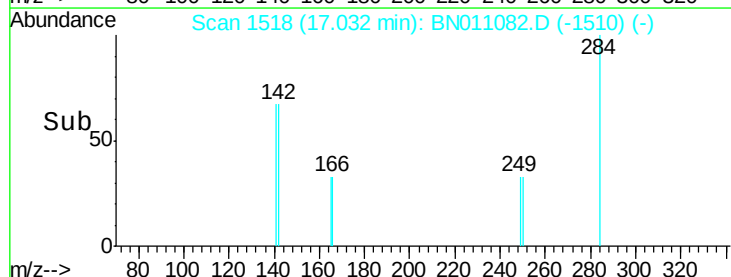
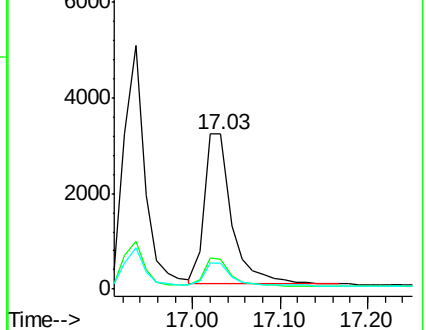
179 15.5 12.2 18.2

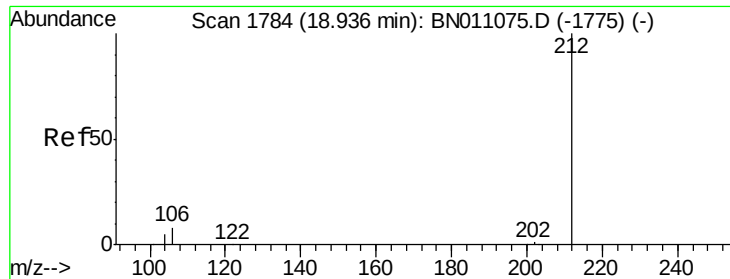


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

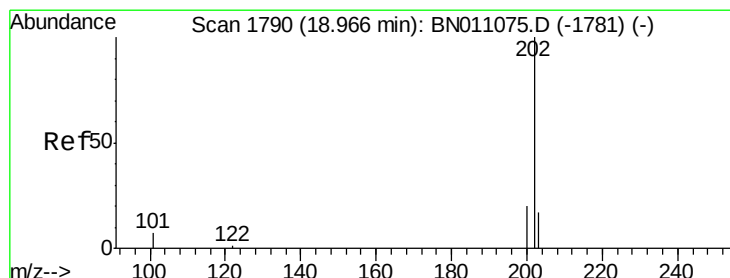
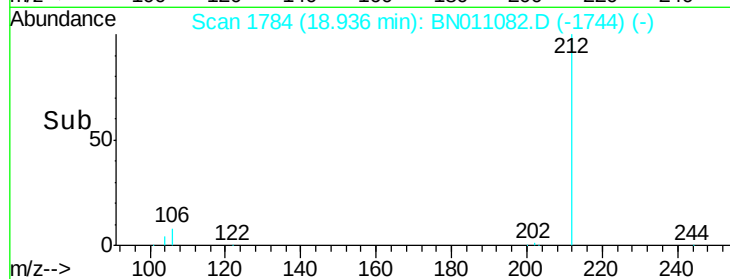
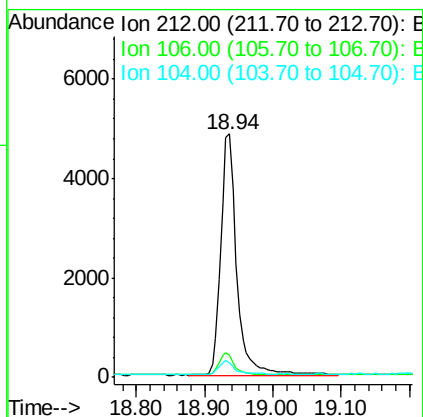
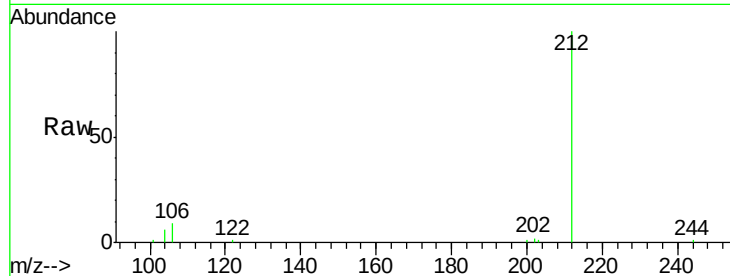




#27
 Fluoranthene-d10
 Concen: 0.394 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011082.D
 Acq: 02 Jul 2020 12:46

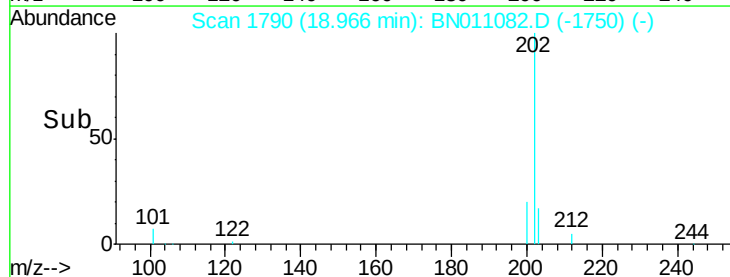
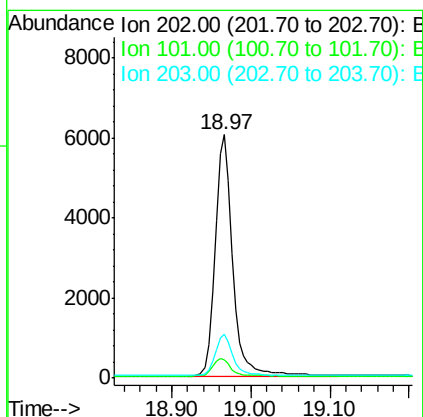
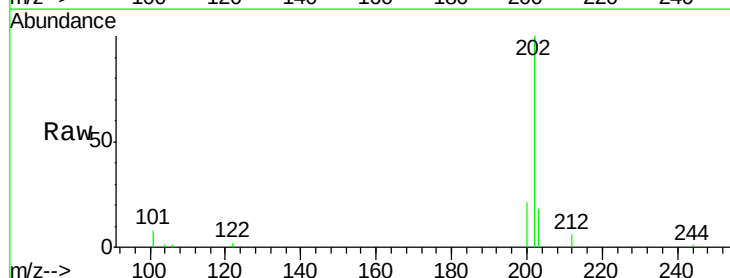
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

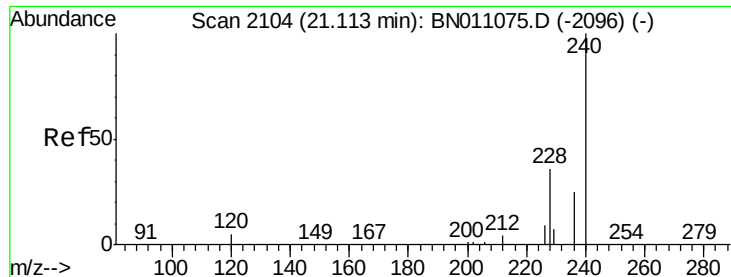
Tot Ion:212 Resp: 7886
 Ion Ratio Lower Upper
 212 100
 106 8.5 7.1 10.7
 104 5.2 4.2 6.4



#28
 Fluoranthene
 Concen: 0.390 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BN011082.D
 Acq: 02 Jul 2020 12:46

Tgt Ion:202 Resp: 9384
 Ion Ratio Lower Upper
 202 100
 101 7.7 6.3 9.5
 203 17.2 13.5 20.3

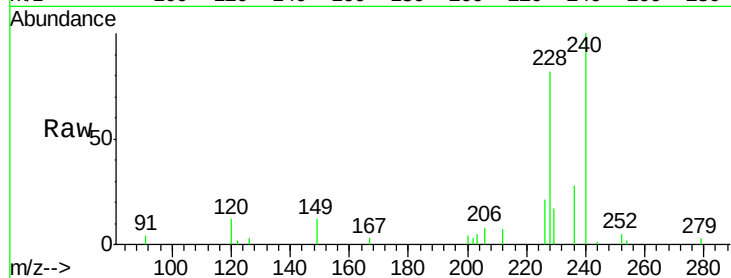




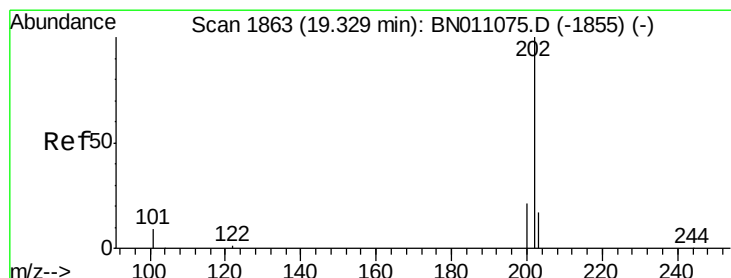
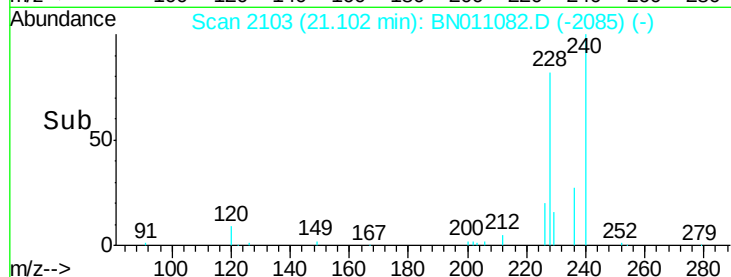
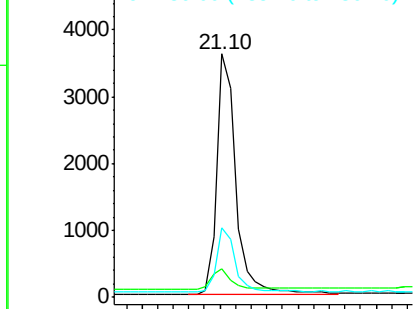
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 6052
Ion Ratio Lower Upper
240 100
120 11.8 6.5 9.7#
236 28.5 21.9 32.9

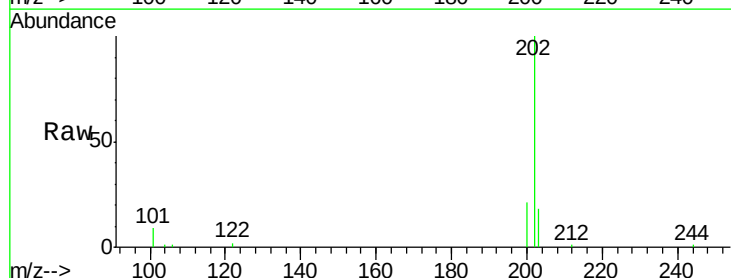


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

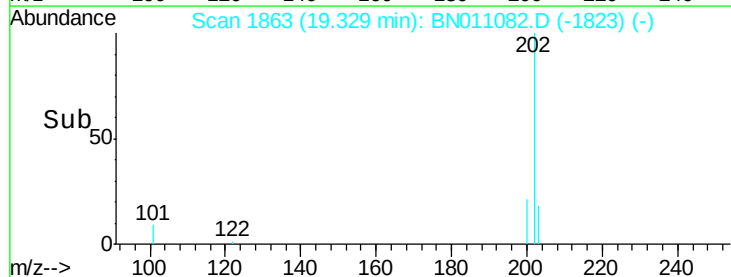
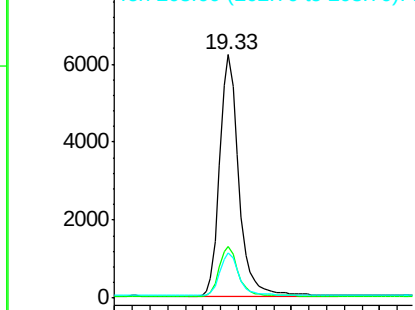


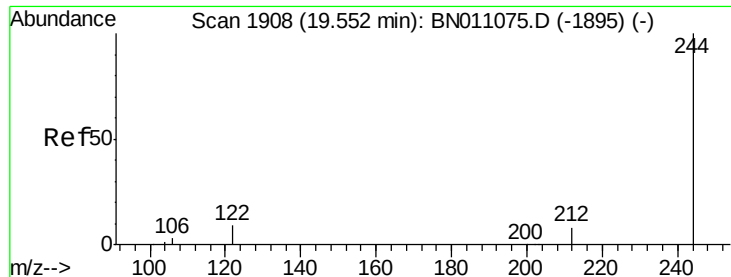
#30
Pyrene
Concen: 0.415 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011082.D
Acq: 02 Jul 2020 12:46

Tgt Ion:202 Resp: 9368
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 17.8 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: 0.422 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

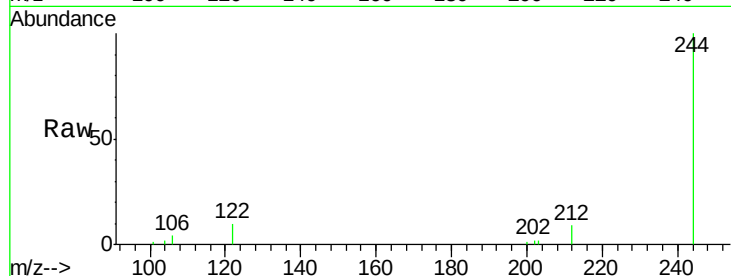
Tot Ion:244 Resp: 6655

Ion Ratio Lower Upper

244 100

212 9.0 7.5 11.3

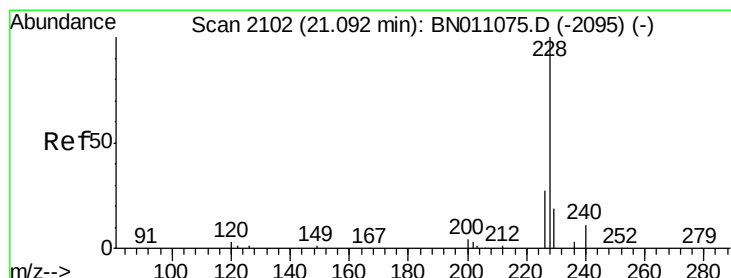
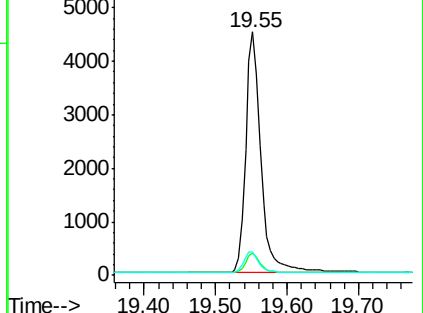
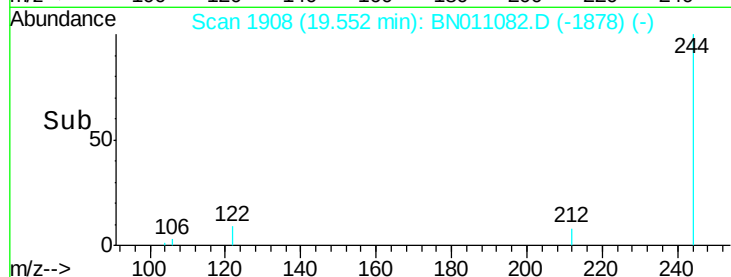
122 9.6 8.2 12.4



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: 0.409 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

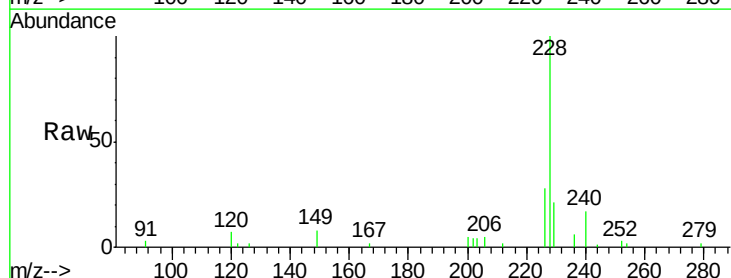
Tgt Ion:228 Resp: 8279

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

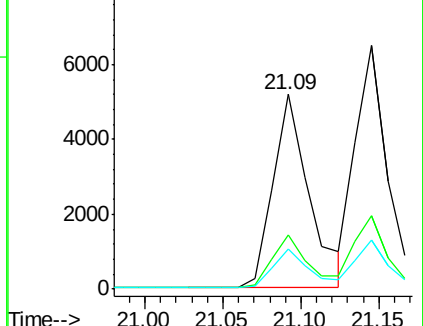
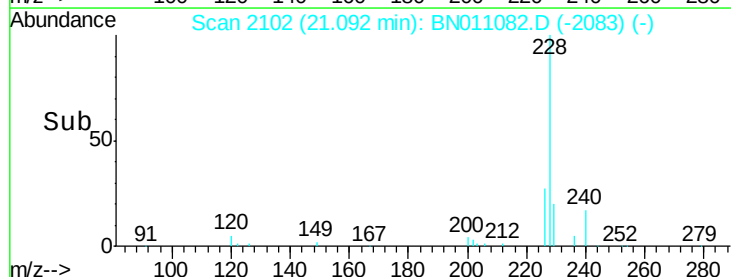
229 20.6 16.1 24.1

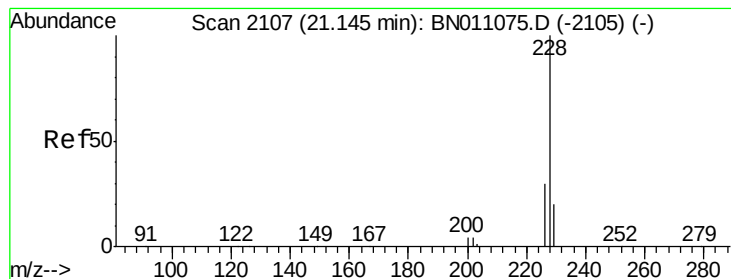


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.402 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

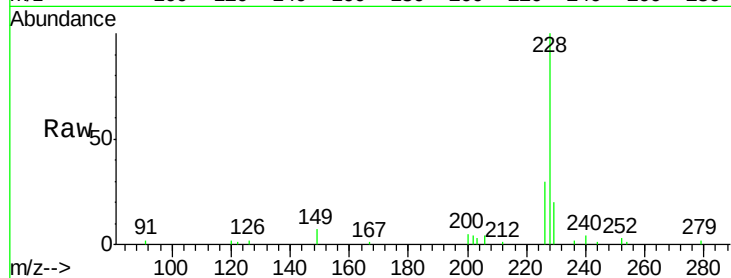
Tot Ion:228 Resp: 9330

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

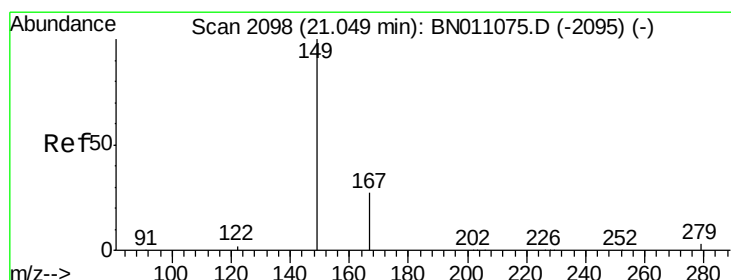
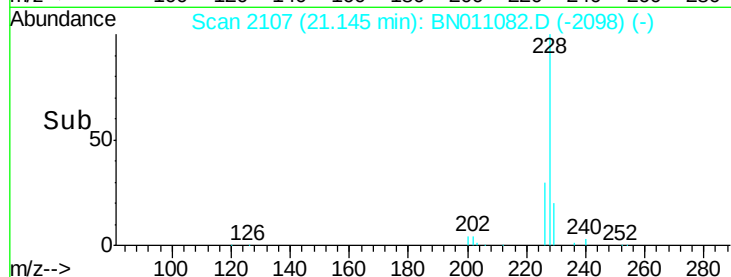
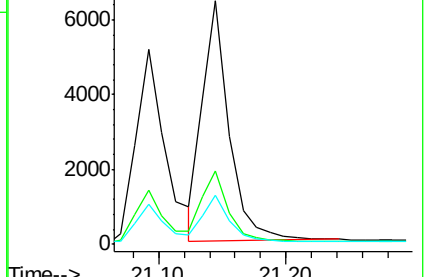
229 20.3 16.4 24.6



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: 0.409 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

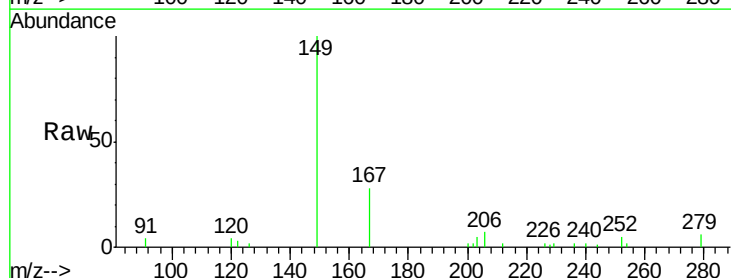
Tgt Ion:149 Resp: 3348

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

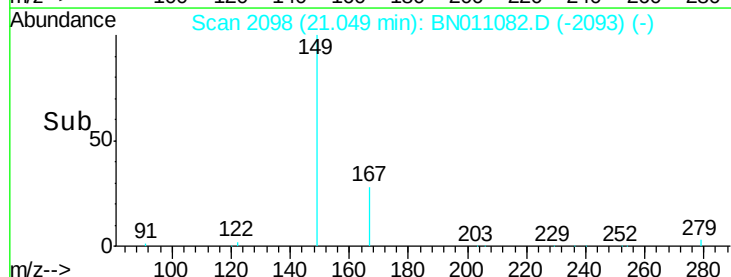
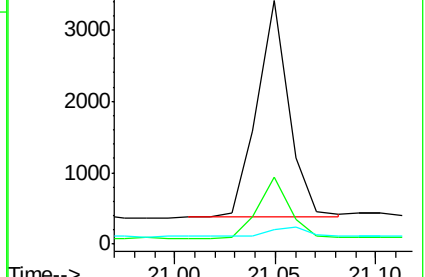
279 5.2 4.5 6.7

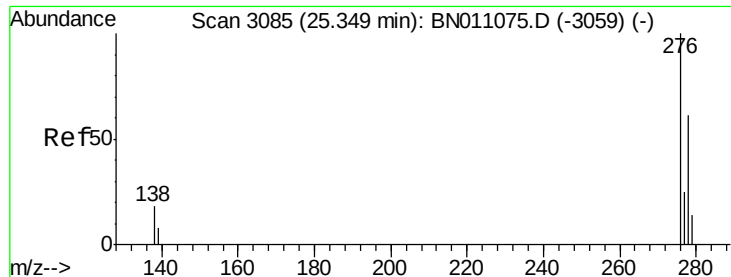


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

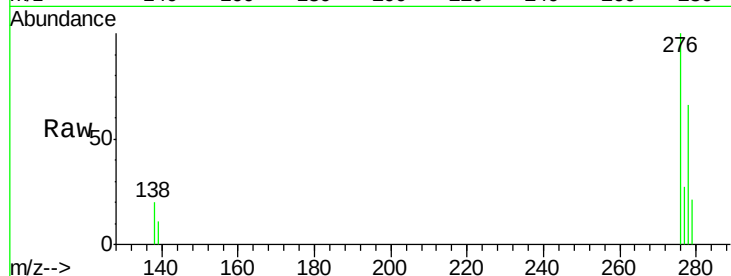




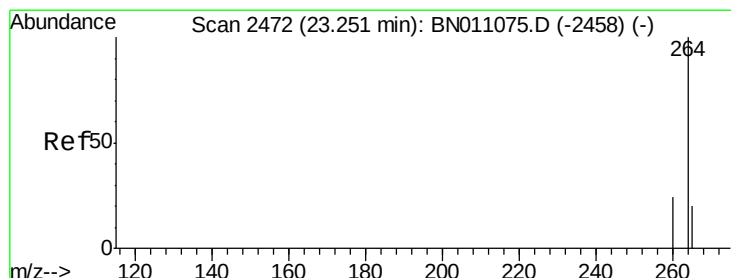
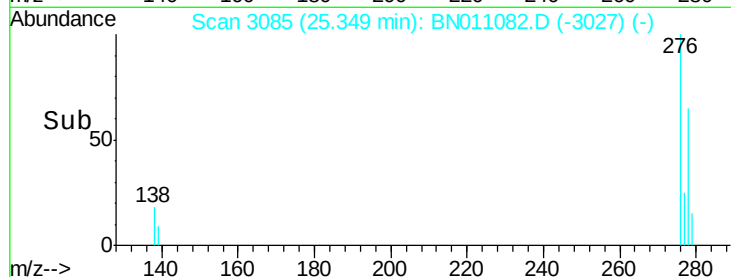
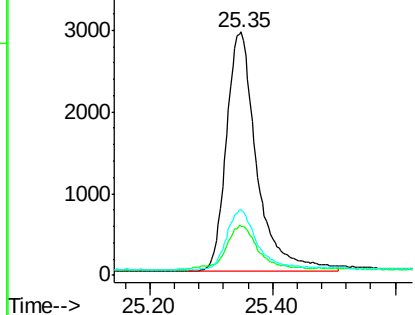
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.416 ng
 RT: 25.35 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BN011082.D
 Acq: 02 Jul 2020 12:46

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:276 Resp: 10087
 Ion Ratio Lower Upper
 276 100
 138 17.6 15.4 23.0
 277 24.5 19.4 29.0

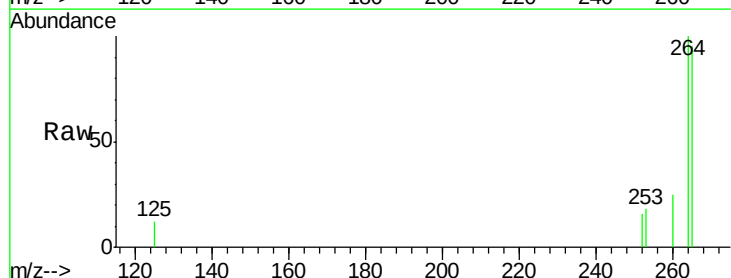


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

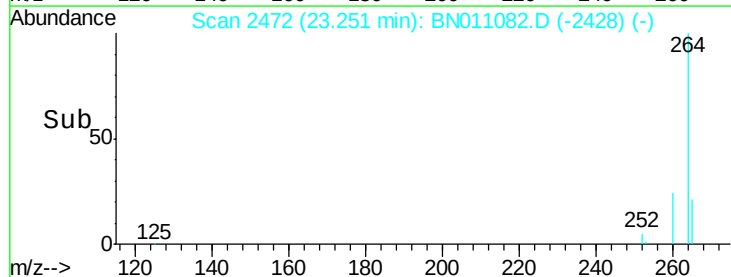
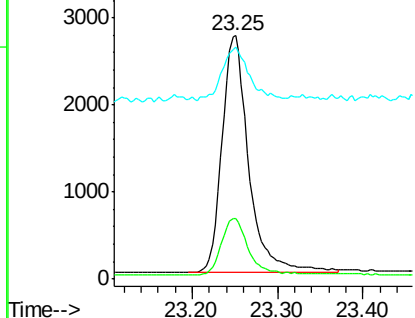


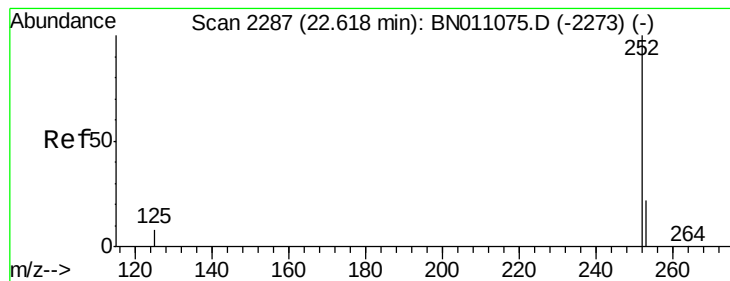
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: BN011082.D
 Acq: 02 Jul 2020 12:46

Tgt Ion:264 Resp: 5931
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.4 30.6
 265 95.1 83.0 124.6



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: 0.380 ng

RT: 22.62 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

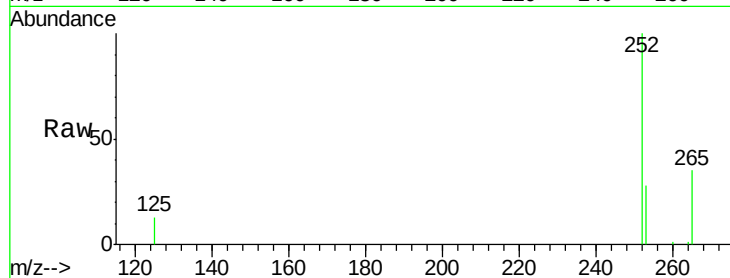
Tot Ion:252 Resp: 9023

Ion Ratio Lower Upper

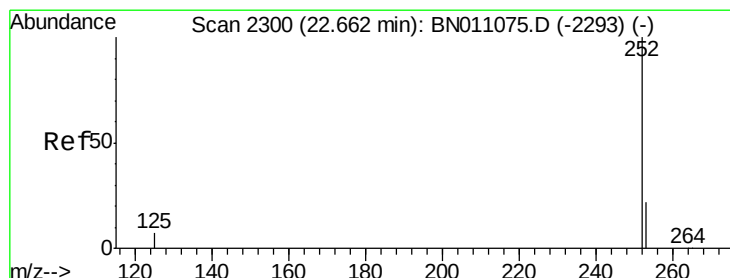
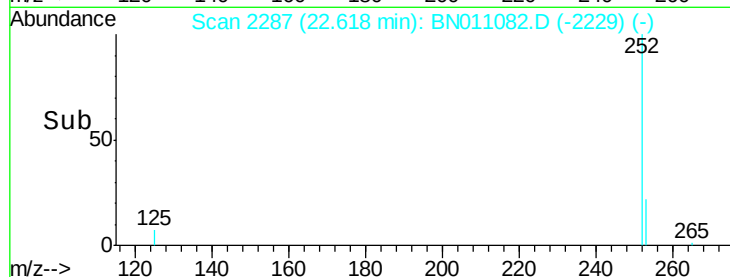
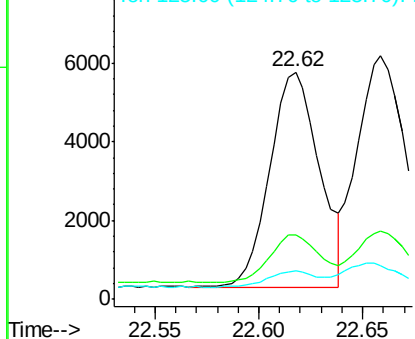
252 100

253 28.3 22.7 34.1

125 12.5 10.4 15.6



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: 0.412 ng

RT: 22.66 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

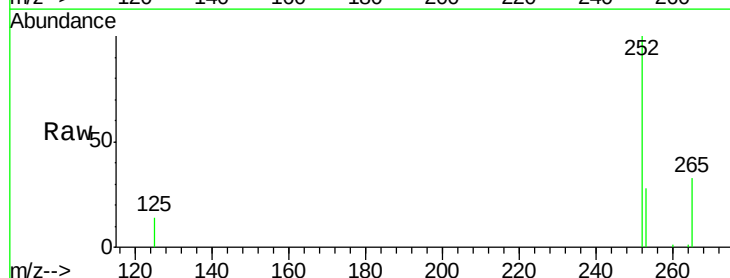
Tgt Ion:252 Resp: 10486

Ion Ratio Lower Upper

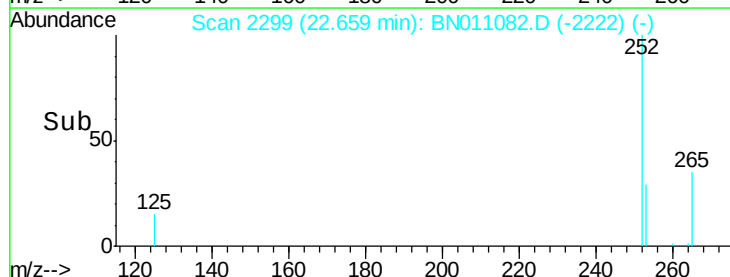
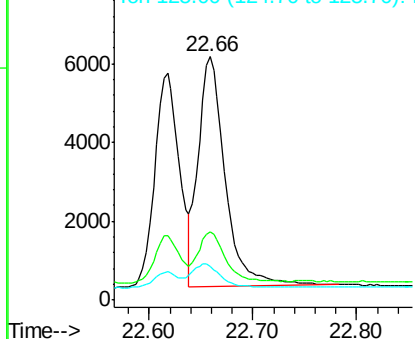
252 100

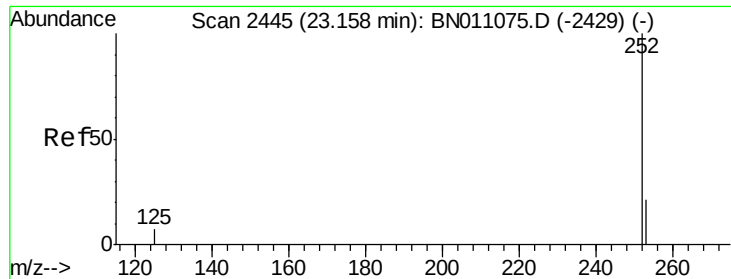
253 27.9 22.9 34.3

125 13.8 10.6 15.8



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: 0.401 ng

RT: 23.16 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

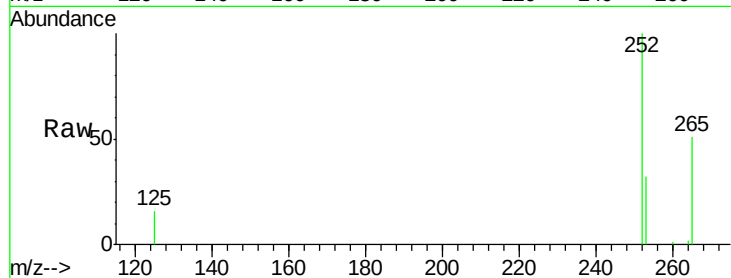
Tot Ion:252 Resp: 8226

Ion Ratio Lower Upper

252 100

253 31.5 25.9 38.9

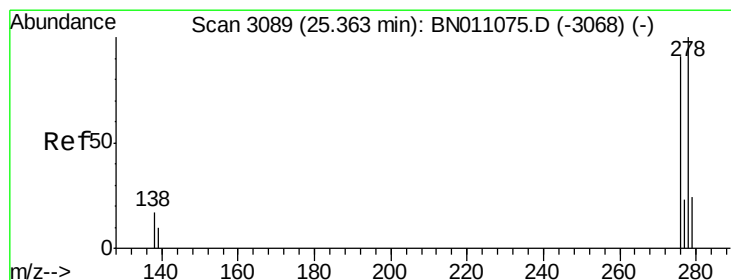
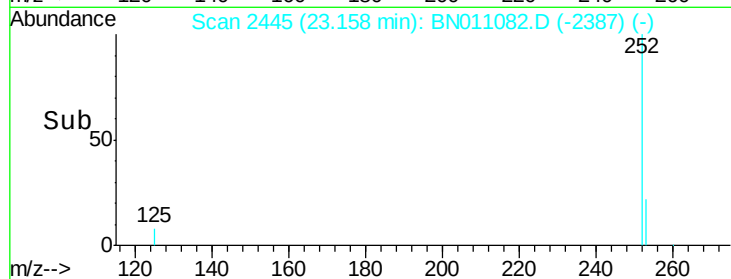
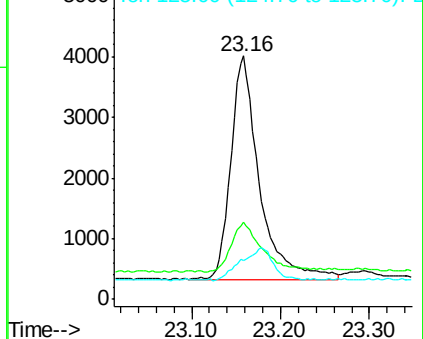
125 15.8 12.5 18.7



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: 0.367 ng

RT: 25.36 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BN011082.D

Acq: 02 Jul 2020 12:46

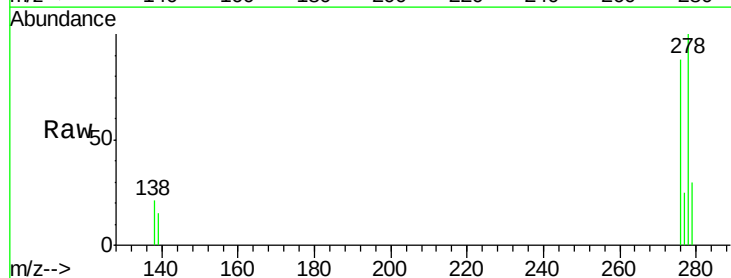
Tgt Ion:278 Resp: 7711

Ion Ratio Lower Upper

278 100

139 15.0 11.9 17.9

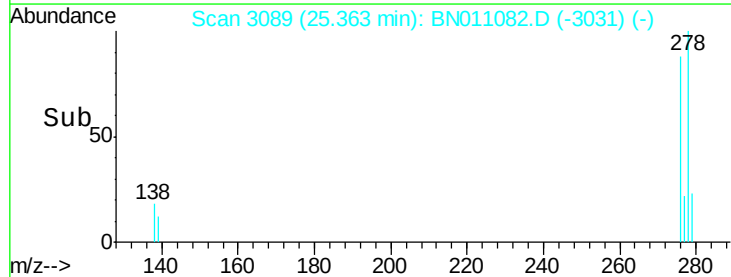
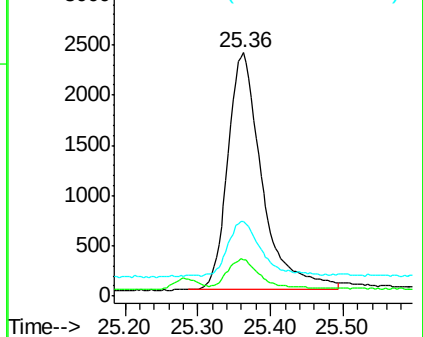
279 30.5 25.5 38.3

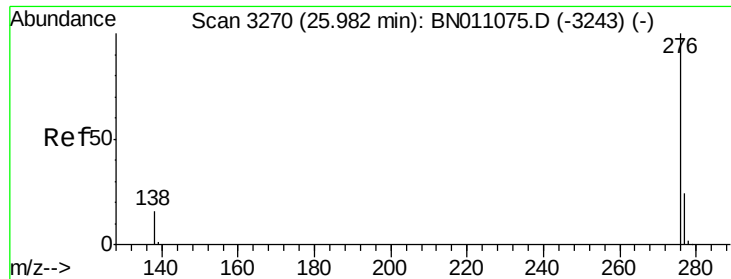


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.382 ng

RT: 25.98 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BN011082.D

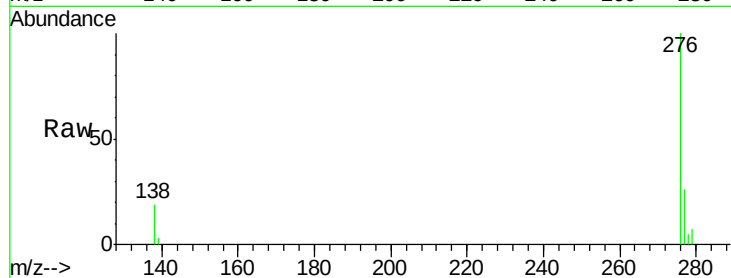
Acq: 02 Jul 2020 12:46

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



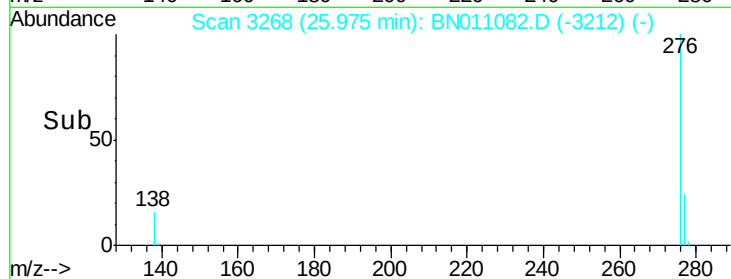
Tot Ion: 276 Resp: 8827

Ion Ratio Lower Upper

276 100

277 26.4 21.1 31.7

138 18.8 15.0 22.6



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

