

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070720\
 Data File : BN011117.D
 Acq On : 07 Jul 2020 16:57
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 07 17:27:42 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 Jul 07 14:39:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1441	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	4419	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2322	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	4787	0.40	ng	0.00
29) Chrysene-d12	21.10	240	4495	0.40	ng	0.00
36) Perylene-d12	23.24	264	4358	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.17	112	1355	0.38	ng	0.00
5) Phenol-d6	6.71	99	1687	0.41	ng	0.00
8) Nitrobenzene-d5	8.66	82	1613	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.85	152	2999	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	431	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	4471	0.41	ng	0.00
27) Fluoranthene-d10	18.93	212	5974	0.41	ng	0.00
31) Terphenyl-d14	19.55	244	4932	0.42	ng	0.00

Target Compounds

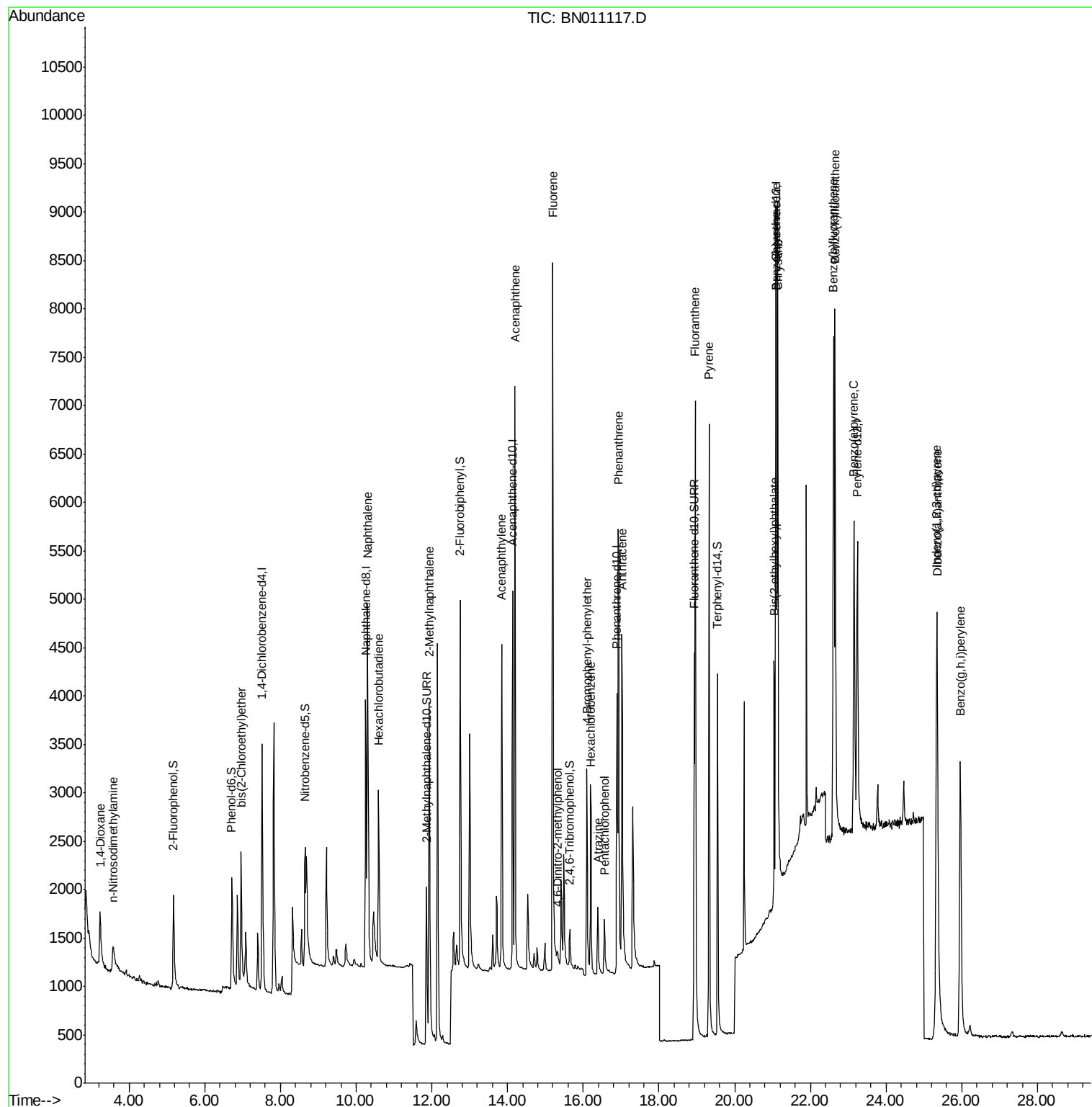
						Qvalue
2) 1,4-Dioxane	3.23	88	746	0.367	ng	99
3) n-Nitrosodimethylamine	3.56	42	433	0.422	ng	# 82
6) bis(2-Chloroethyl)ether	6.96	93	1492	0.398	ng	100
9) Naphthalene	10.30	128	5250	0.398	ng	98
10) Hexachlorobutadiene	10.60	225	1446	0.433	ng	# 99
12) 2-Methylnaphthalene	11.93	142	3458	0.392	ng	97
16) Acenaphthylene	13.84	152	4691	0.403	ng	100
17) Acenaphthene	14.20	154	3182	0.403	ng	99
18) Fluorene	15.20	166	4032	0.409	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	232	0.454	ng	97
21) 4-Bromophenyl-phenylether	16.10	248	1276	0.401	ng	88
22) Hexachlorobenzene	16.20	284	1593	0.425	ng	100
23) Atrazine	16.39	200	920	0.409	ng	97
24) Pentachlorophenol	16.56	266	424	0.420	ng	98
25) Phenanthrene	16.92	178	6216	0.401	ng	99
26) Anthracene	17.02	178	5063	0.395	ng	99
28) Fluoranthene	18.96	202	7050	0.404	ng	98
30) Pvrene	19.32	202	7031	0.419	ng	99
32) Benzo(a)anthracene	21.09	228	5737	0.382	ng	99
33) Chrysene	21.13	228	7240	0.420	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	2613	0.430	ng	99
35) Indeno(1,2,3-cd)pyrene	25.34	276	7486	0.415	ng	# 95
37) Benzo(b)fluoranthene	22.61	252	6649	0.381	ng	98
38) Benzo(k)fluoranthene	22.65	252	7859	0.420	ng	98
39) Benzo(a)pyrene	23.15	252	6061	0.403	ng	98
40) Dibenzo(a,h)anthracene	25.36	278	5578	0.362	ng	98
41) Benzo(g,h,i)perylene	25.96	276	6864	0.404	ng	97

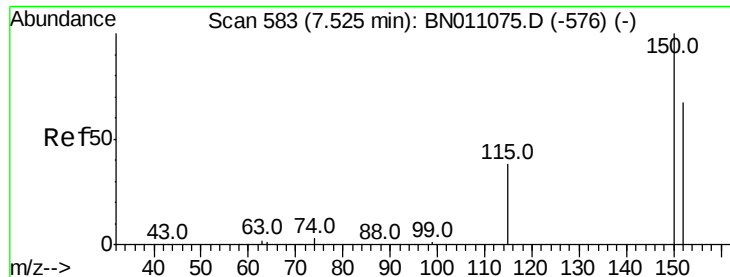
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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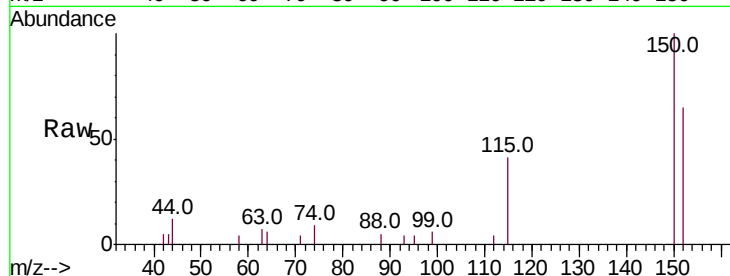


#1

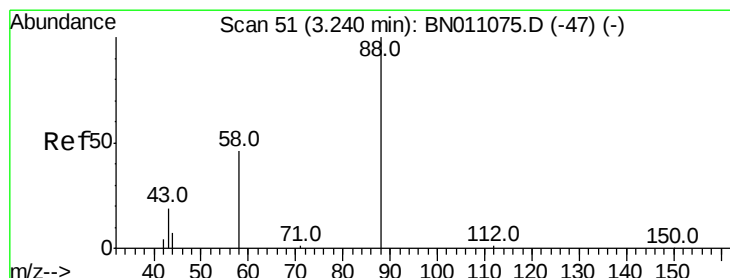
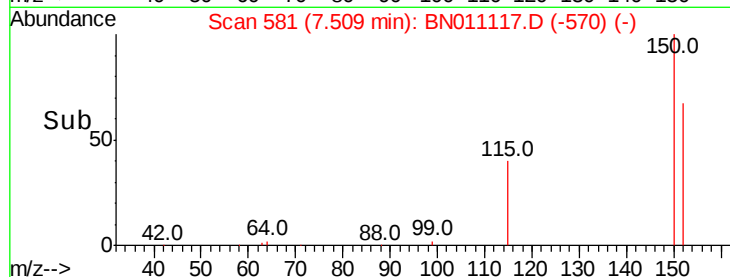
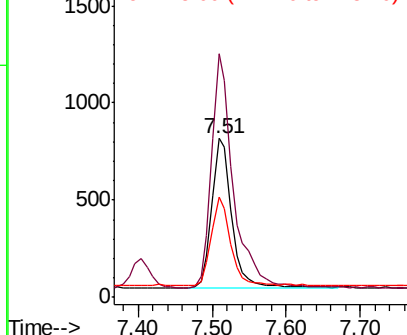
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1441
Ion Ratio Lower Upper
152 100
150 153.6 117.4 176.0
115 63.4 47.9 71.9



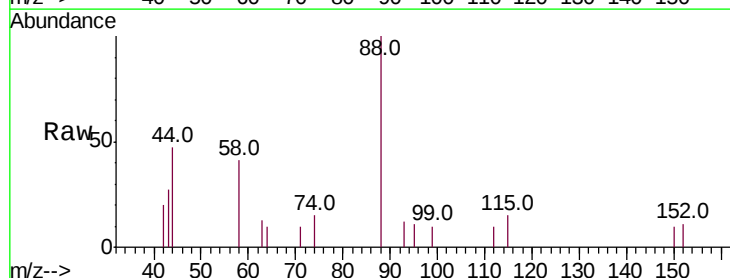
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



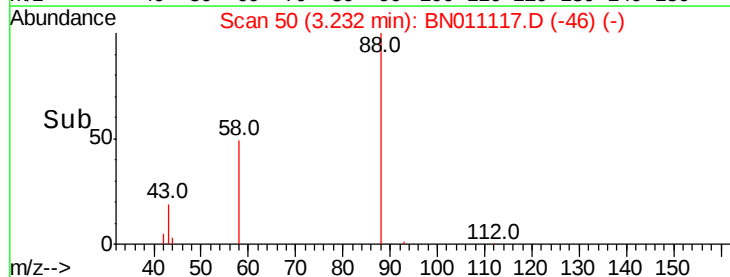
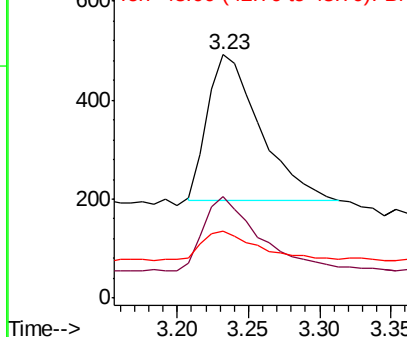
#2

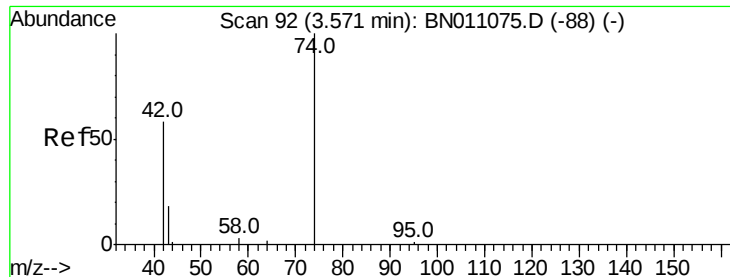
1,4-Dioxane
Concen: 0.367 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.02 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

Tgt Ion: 88 Resp: 746
Ion Ratio Lower Upper
88 100
58 47.5 38.6 57.8
43 18.9 15.4 23.0



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



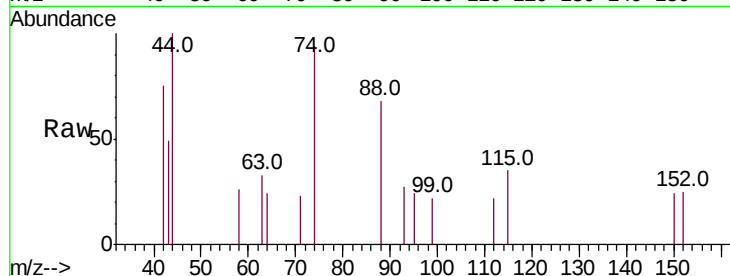


#3

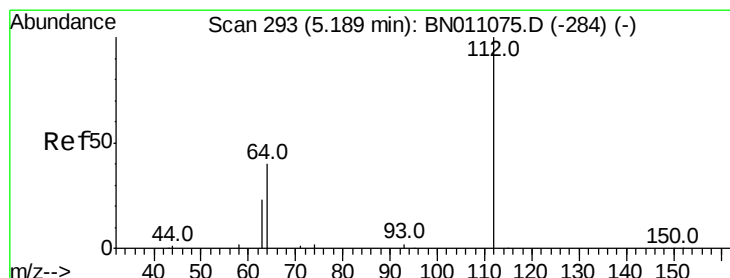
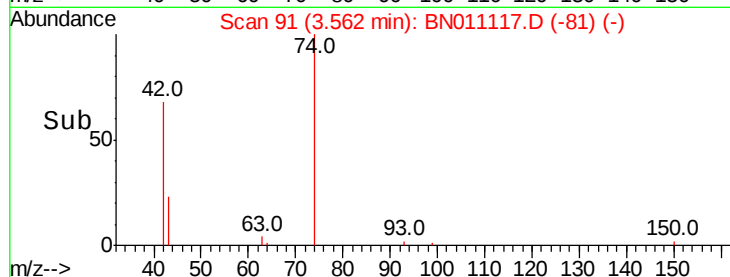
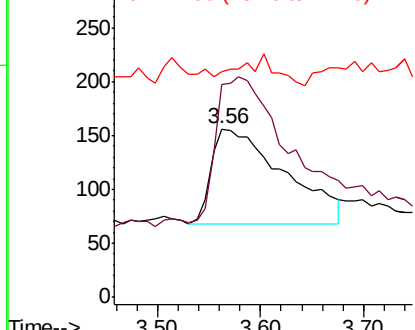
n-Nitrosodimethylamine
 Concen: 0.422 ng
 RT: 3.56 min Scan# 91
 Delta R.T. -0.02 min
 Lab File: BN011117.D
 Acq: 07 Jul 2020 16:57

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 433
 Ion Ratio Lower Upper
 42 100
 74 152.4 142.5 213.7
 44 0.0 0.0 0.0



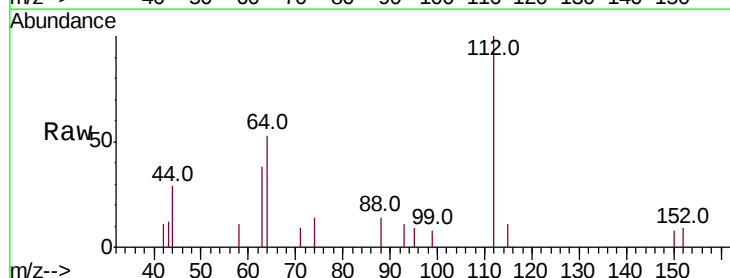
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



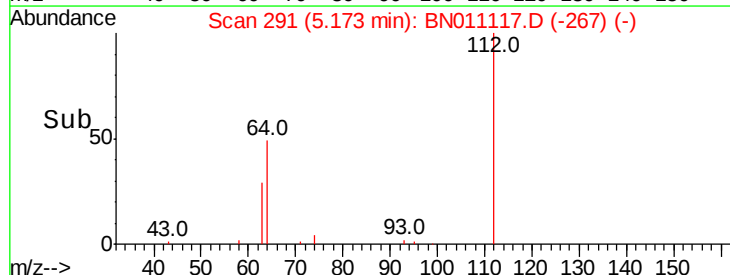
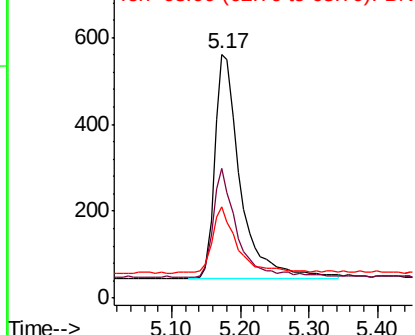
#4

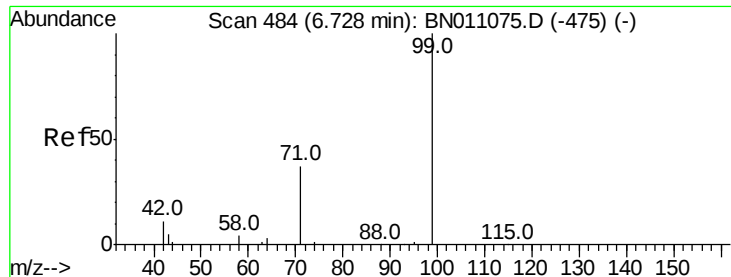
2-Fluorophenol
 Concen: 0.378 ng
 RT: 5.17 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: BN011117.D
 Acq: 07 Jul 2020 16:57

Tgt Ion: 112 Resp: 1355
 Ion Ratio Lower Upper
 112 100
 64 46.1 36.5 54.7
 63 29.6 20.6 30.8



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: 0.409 ng

RT: 6.71 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

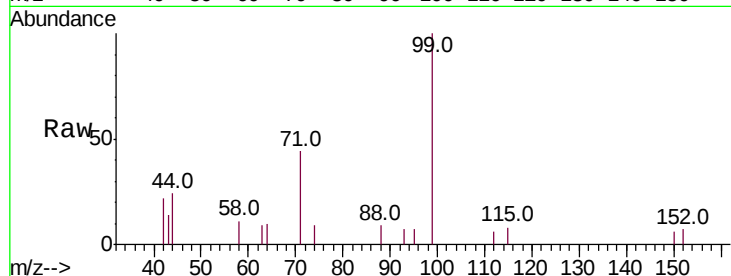
Tot Ion: 99 Resp: 1687

Ion Ratio Lower Upper

99 100

42 16.4 9.8 14.8#

71 39.4 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011117.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011117.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011117.D (-475) (-)

6.71

800

600

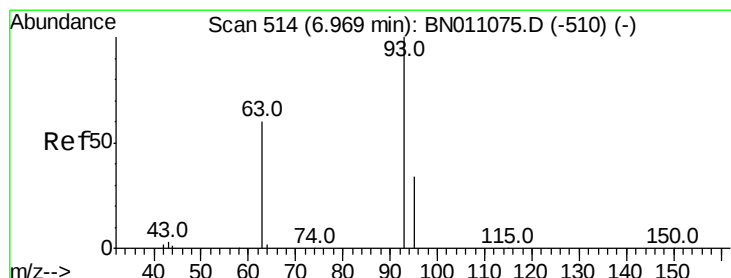
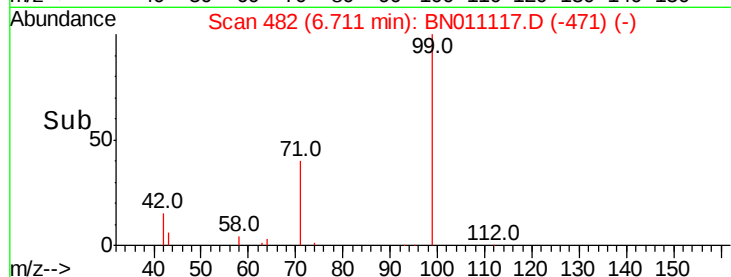
400

200

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

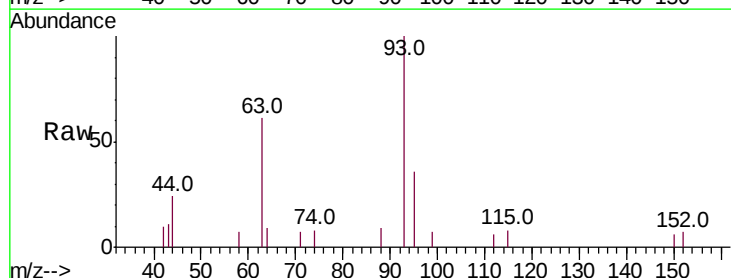
Tgt Ion: 93 Resp: 1492

Ion Ratio Lower Upper

93 100

63 58.8 47.4 71.2

95 33.0 26.4 39.6



Abundance Ion 93.00 (92.70 to 93.70): BN011117.D (-510) (-)

Ion 63.00 (62.70 to 63.70): BN011117.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011117.D (-510) (-)

6.96

800

600

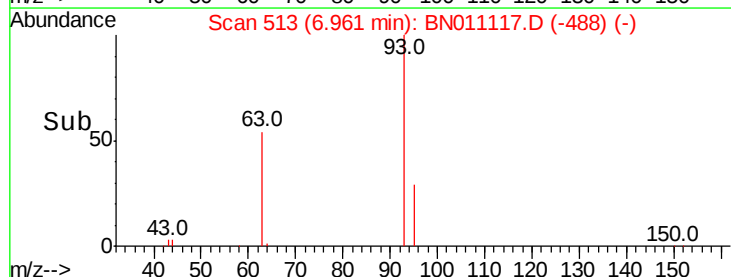
400

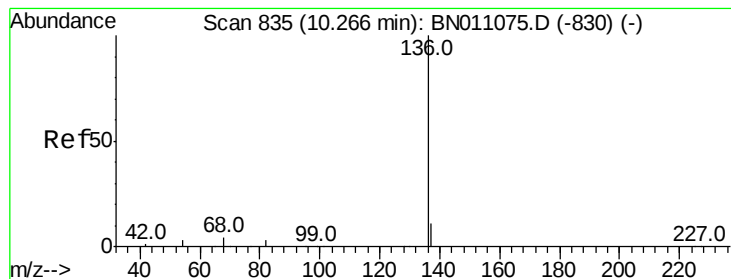
200

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN01117.D

Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4419

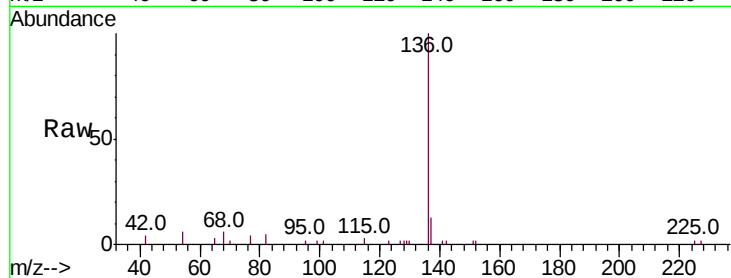
Ion Ratio Lower Upper

136 100

137 13.3 9.6 14.4

54 6.2 3.8 5.6#

68 6.3 4.3 6.5

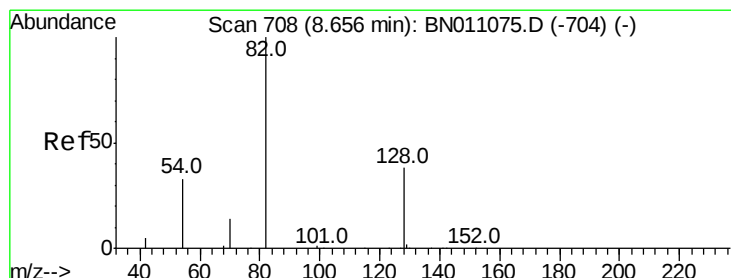
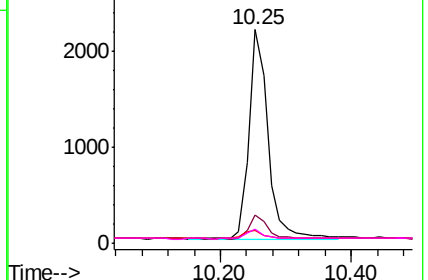
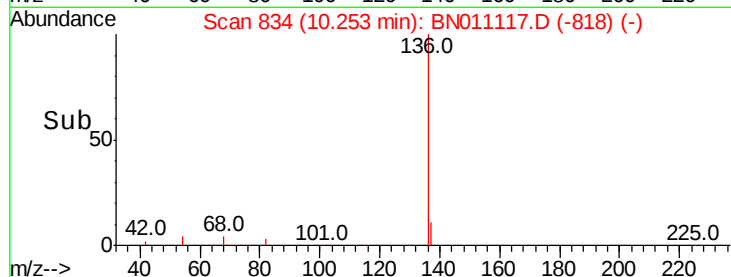


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.430 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN01117.D

Acq: 07 Jul 2020 16:57

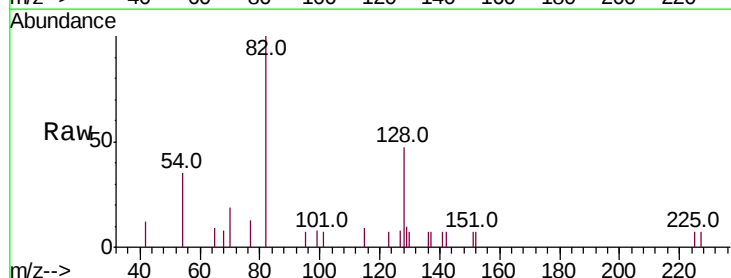
Tgt Ion: 82 Resp: 1613

Ion Ratio Lower Upper

82 100

128 47.3 34.2 51.2

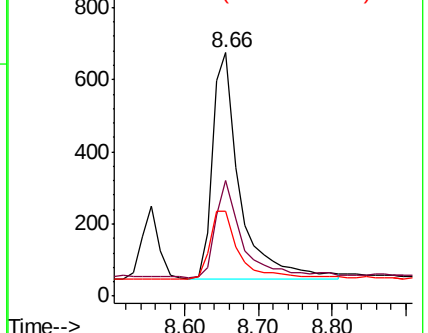
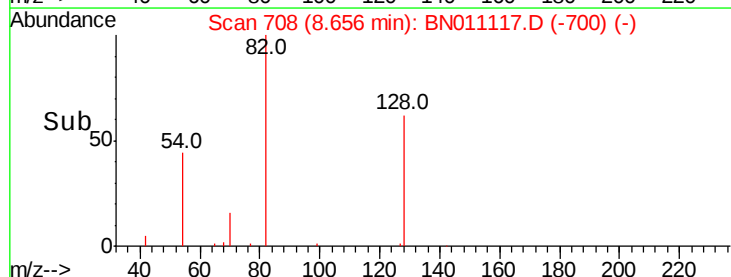
54 34.7 29.4 44.0

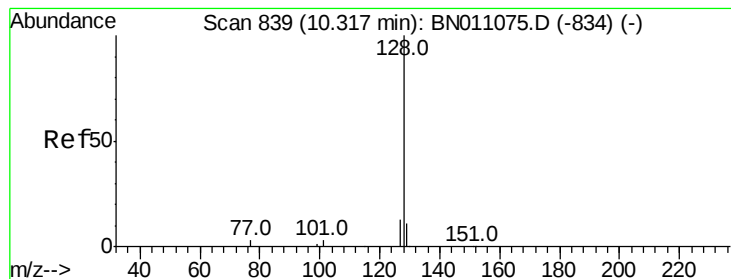


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

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SSTDCCC0.4EC

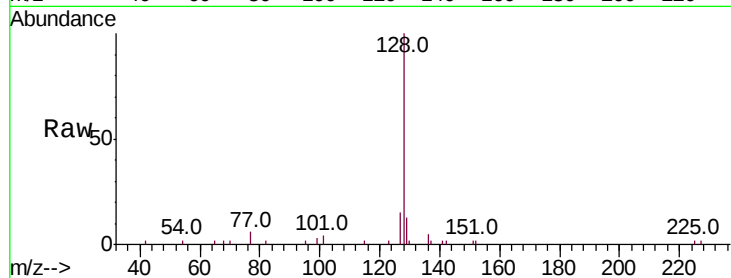
Tot Ion:128 Resp: 5250

Ion Ratio Lower Upper

128 100

129 12.6 9.8 14.8

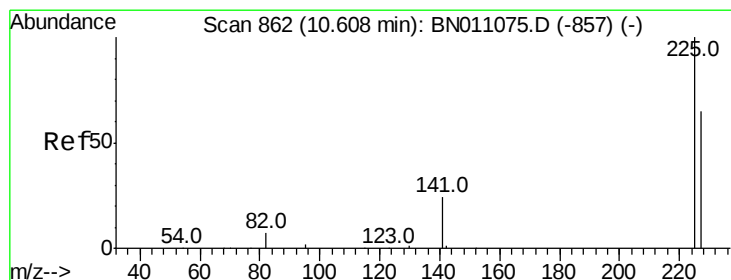
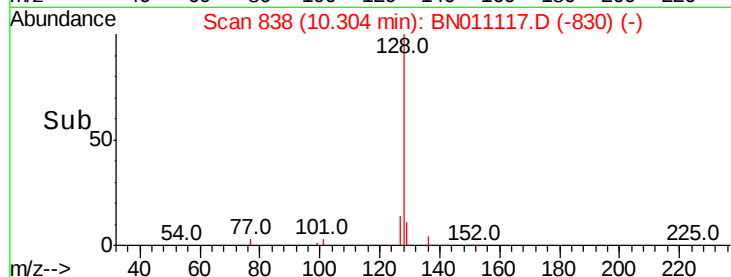
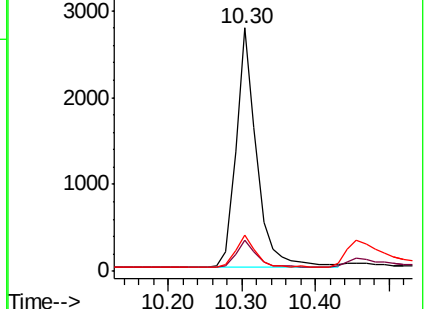
127 15.0 11.3 16.9



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: 0.433 ng

RT: 10.60 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

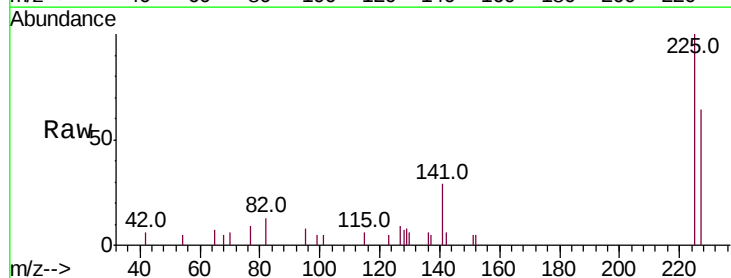
Tgt Ion:225 Resp: 1446

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

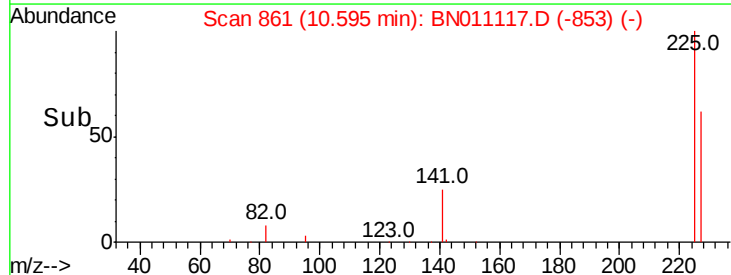
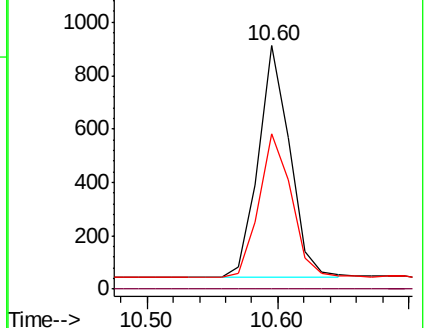
227 63.9 51.4 77.2

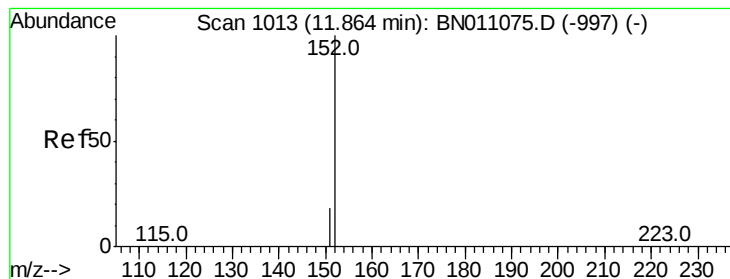


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 11.85 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

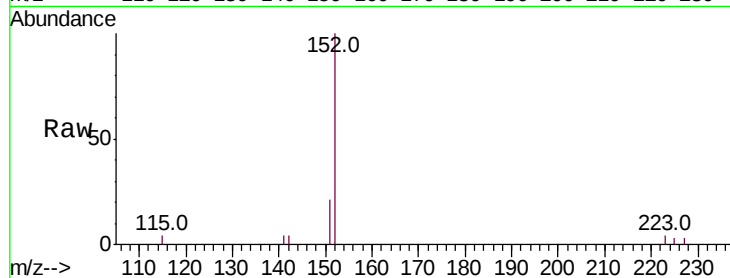
SSTDCCC0.4EC

Tot Ion:152 Resp: 2999

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.85

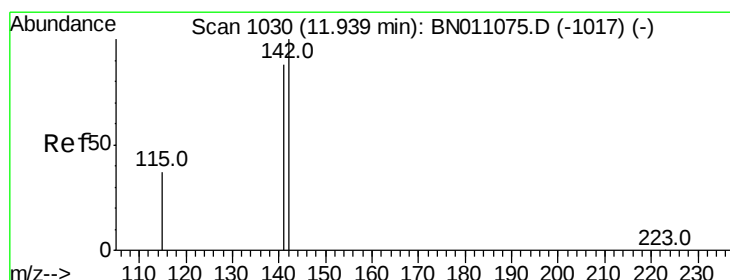
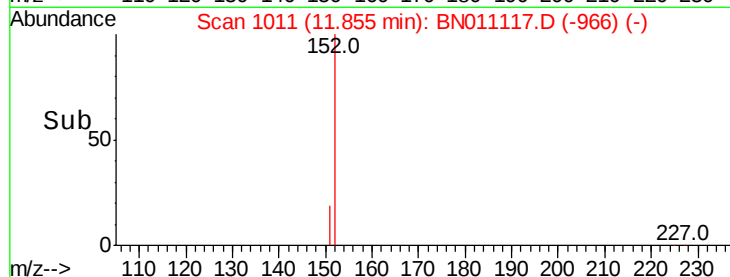
1500

1000

500

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.392 ng

RT: 11.93 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

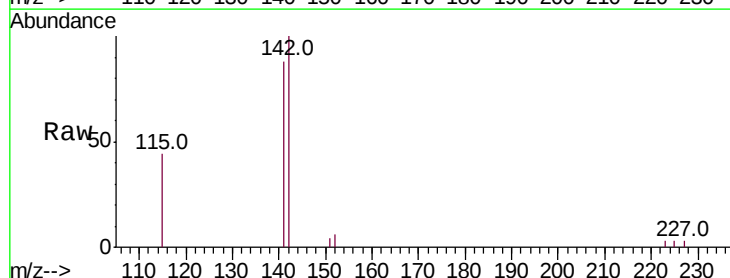
Tgt Ion:142 Resp: 3458

Ion Ratio Lower Upper

142 100

141 88.2 70.3 105.5

115 43.7 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

11.93

2500

2000

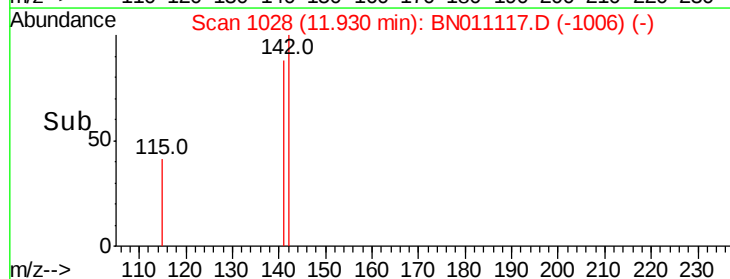
1500

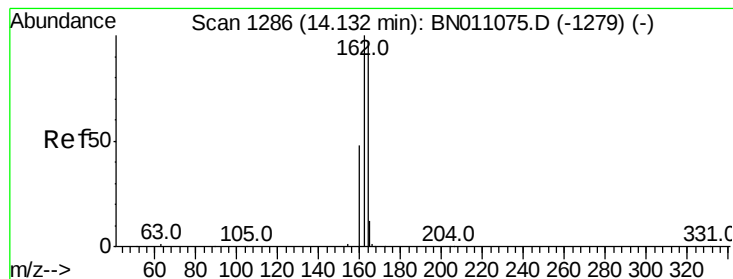
1000

500

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: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

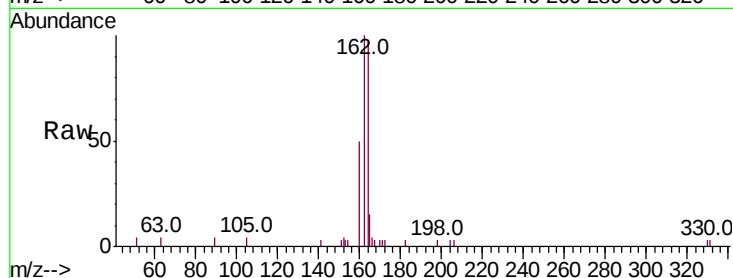
Tot Ion:164 Resp: 2322

Ion Ratio Lower Upper

164 100

162 102.9 82.3 123.5

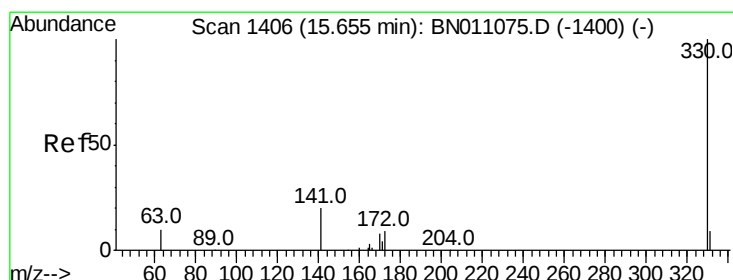
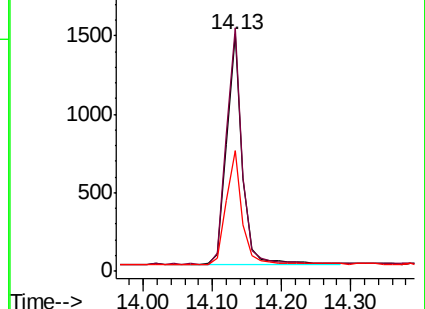
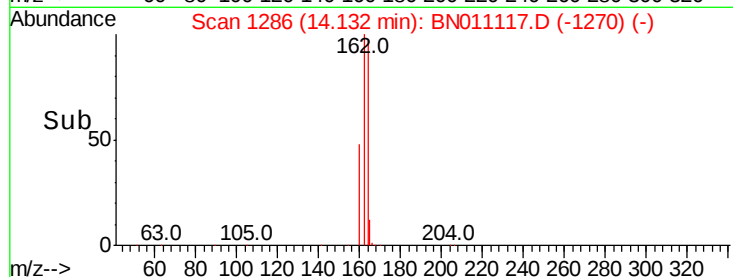
160 51.0 40.6 61.0



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: 0.442 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

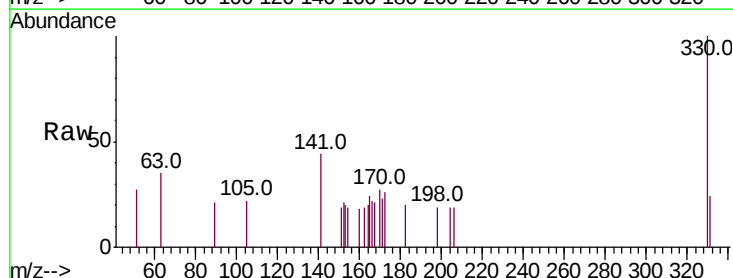
Tgt Ion:330 Resp: 431

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

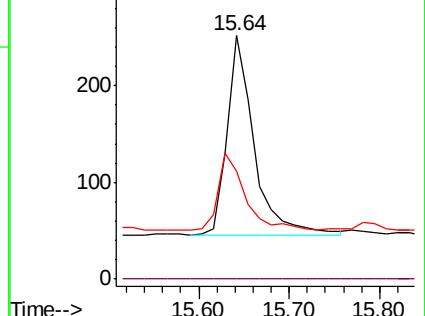
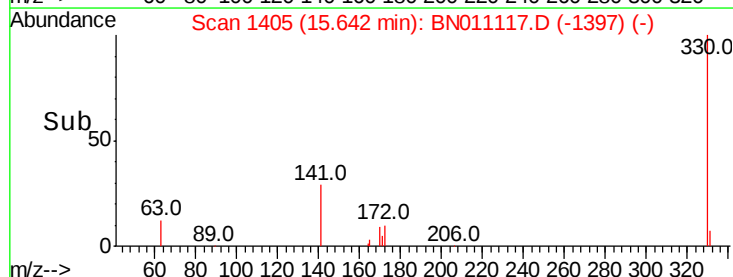
141 36.7 32.6 49.0

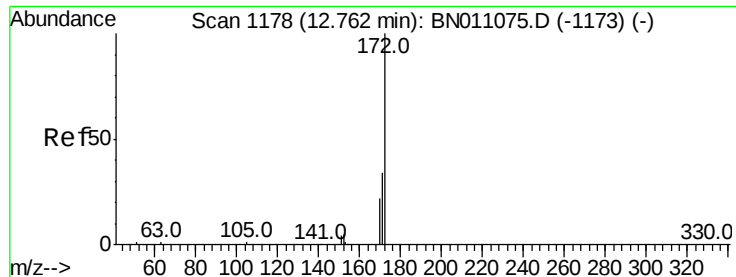


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

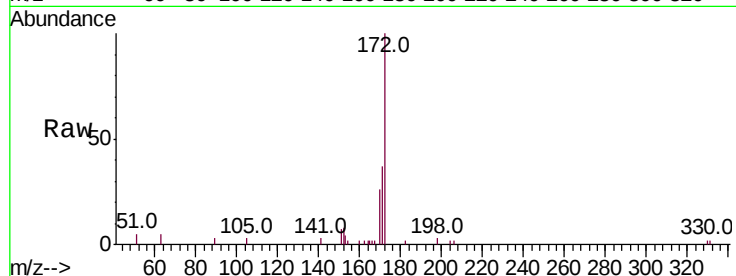




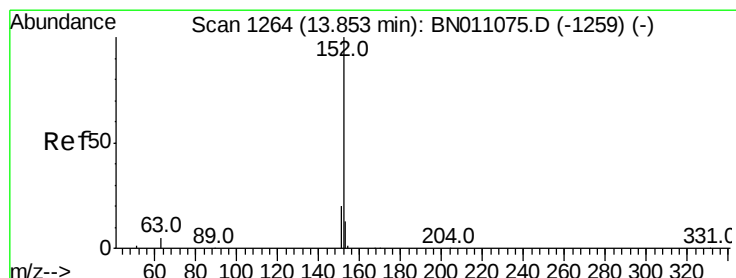
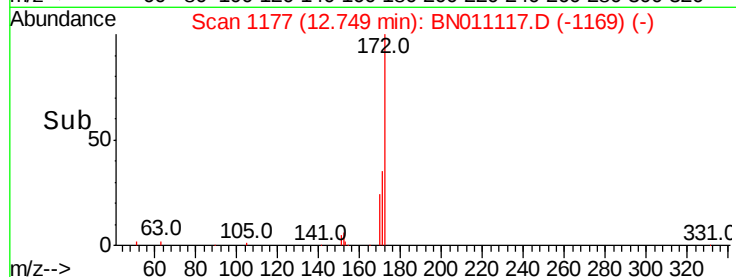
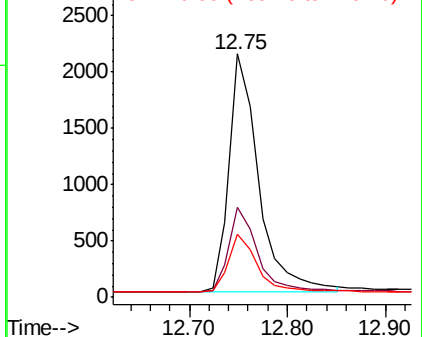
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.75 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 4471
Ion Ratio Lower Upper
172 100
171 36.9 27.9 41.9
170 26.1 18.7 28.1

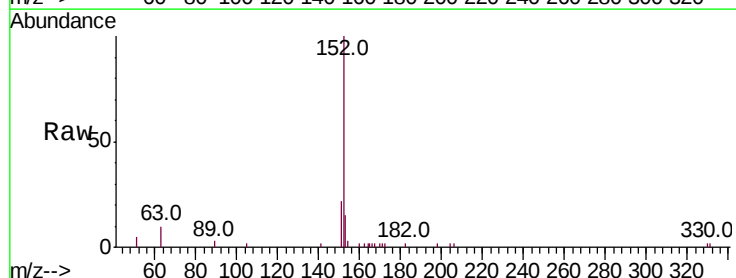


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

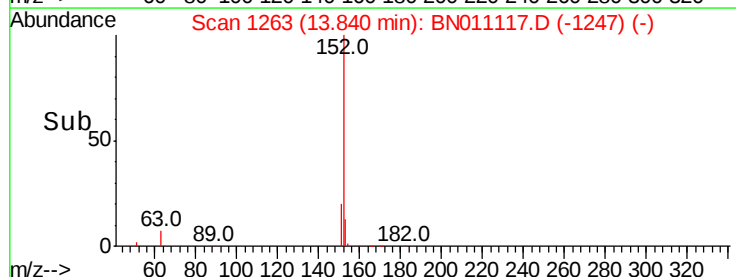
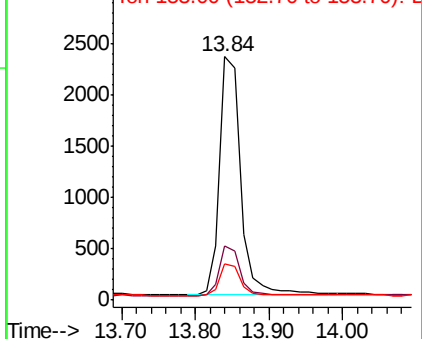


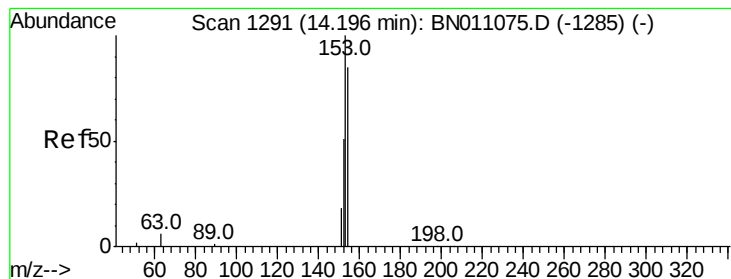
#16
Acenaphthylene
Concen: 0.403 ng
RT: 13.84 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

Tgt Ion:152 Resp: 4691
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.2 10.8 16.2



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: 0.403 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

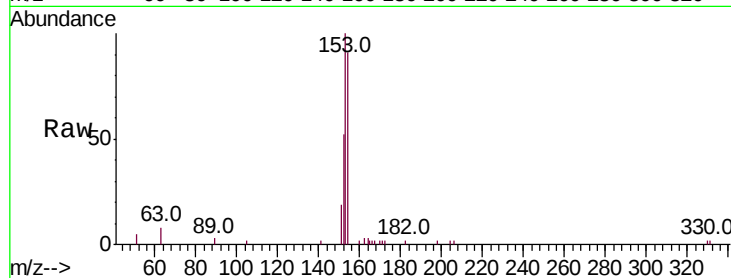
Tot Ion:154 Resp: 3182

Ion Ratio Lower Upper

154 100

153 115.4 91.7 137.5

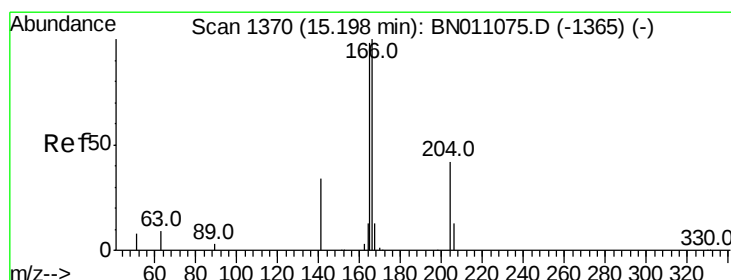
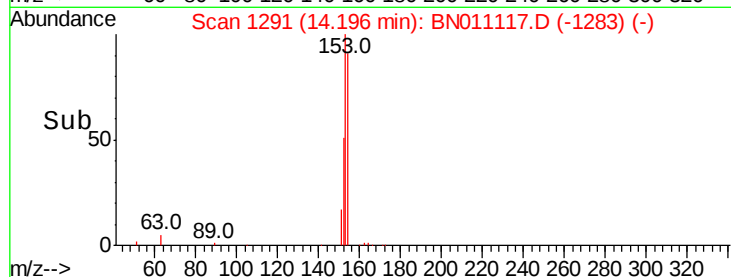
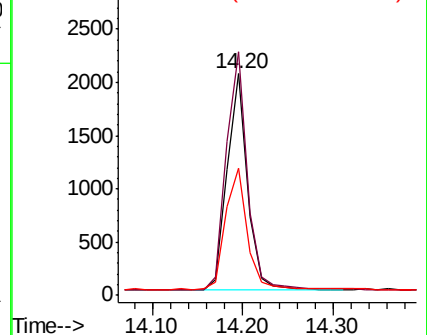
152 60.1 46.8 70.2



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: 0.409 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

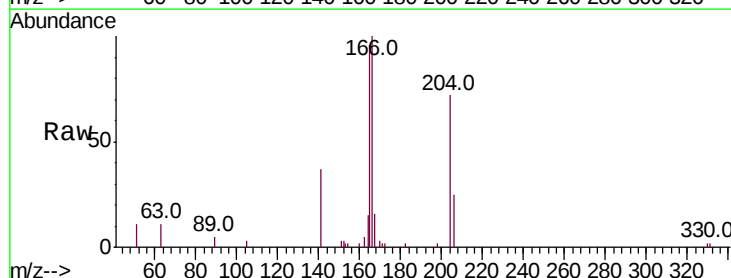
Tgt Ion:166 Resp: 4032

Ion Ratio Lower Upper

166 100

165 97.6 78.9 118.3

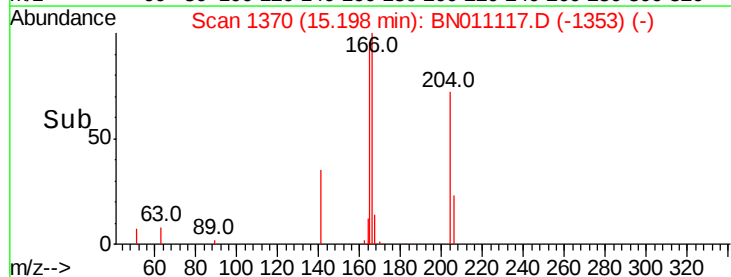
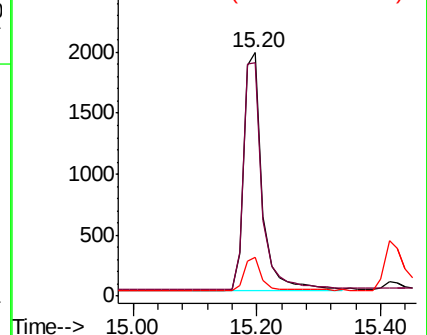
167 13.6 10.9 16.3

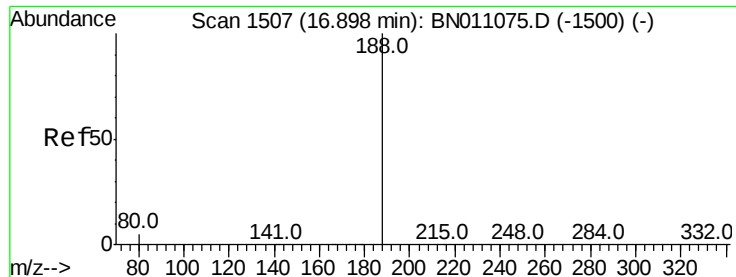


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

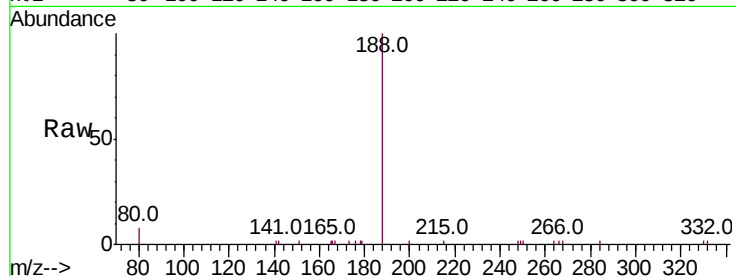
Tot Ion:188 Resp: 4787

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

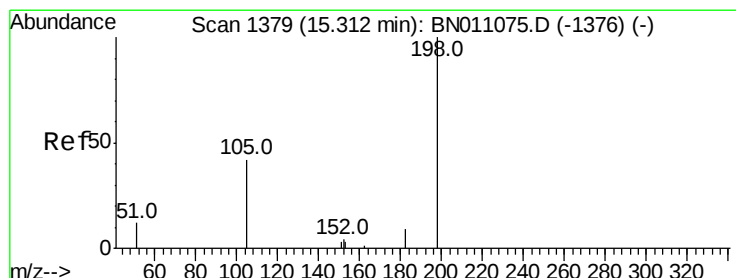
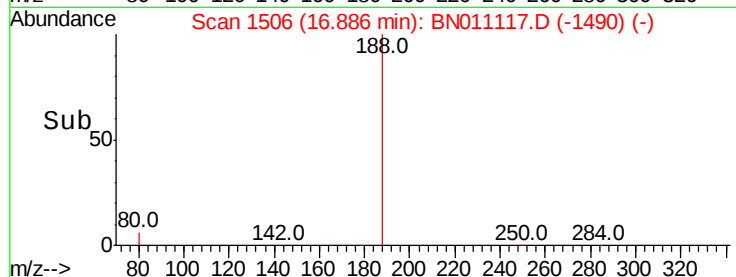
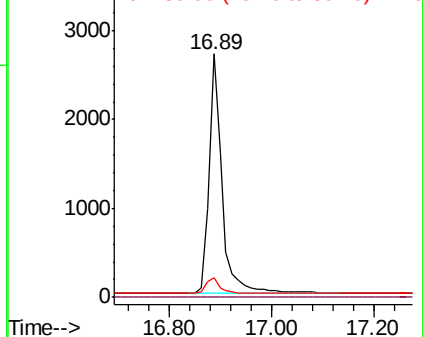
80 8.1 5.3 7.9#



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.454 ng

RT: 15.31 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

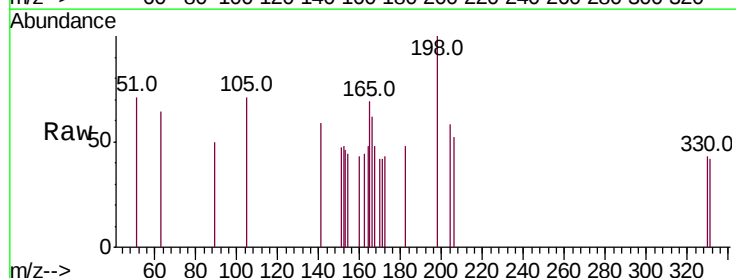
Tgt Ion:198 Resp: 232

Ion Ratio Lower Upper

198 100

51 70.8 58.2 87.4

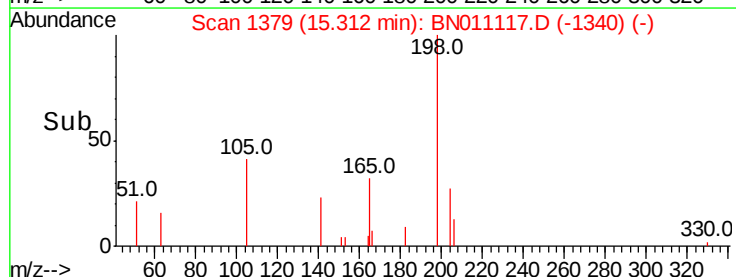
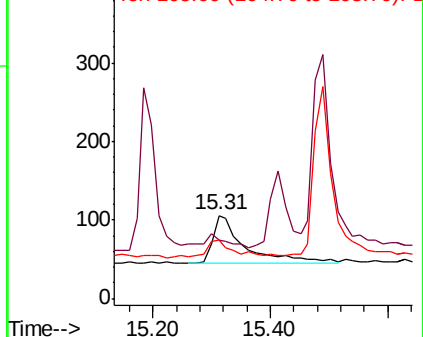
105 70.8 59.0 88.4

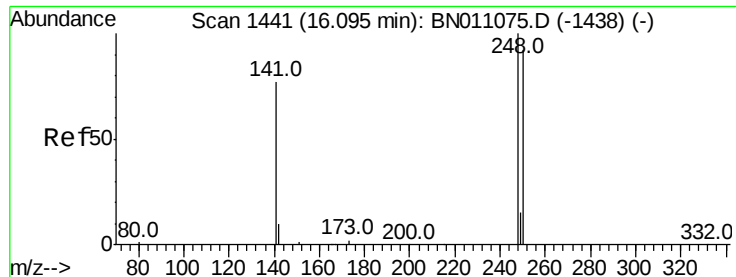


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.401 ng

RT: 16.10 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN01117.D

Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

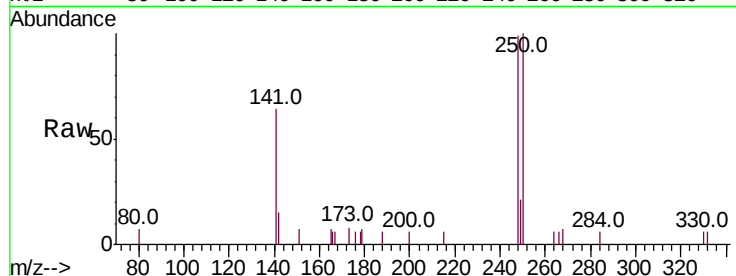
Tot Ion:248 Resp: 1276

Ion Ratio Lower Upper

248 100

250 100.6 73.8 110.8

141 64.7 63.1 94.7



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

16.10

800

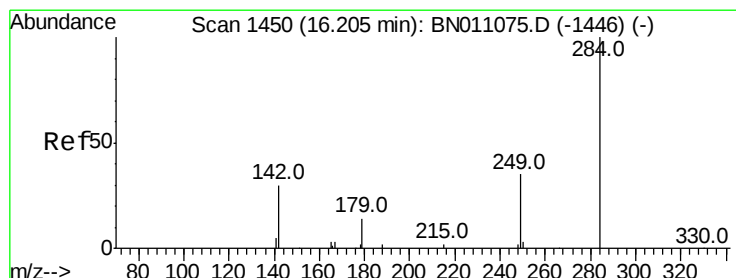
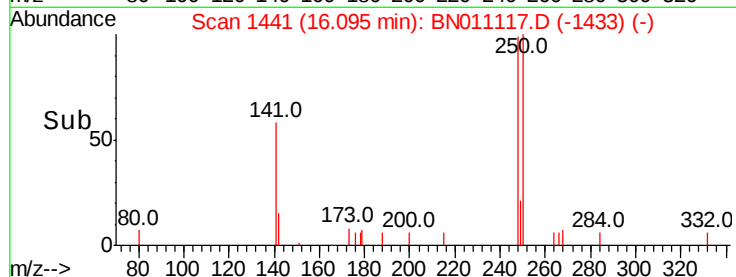
600

400

200

0

Time--> 16.00 16.05 16.10 16.15



#22

Hexachlorobenzene

Concen: 0.425 ng

RT: 16.20 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BN01117.D

Acq: 07 Jul 2020 16:57

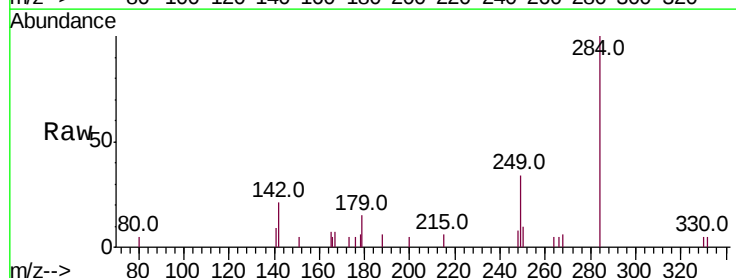
Tgt Ion:284 Resp: 1593

Ion Ratio Lower Upper

284 100

142 41.9 33.3 49.9

249 34.1 27.4 41.2



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

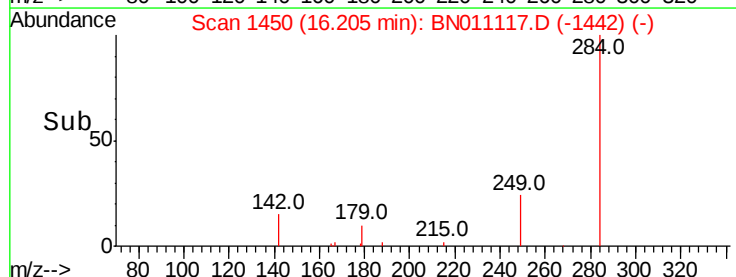
16.20

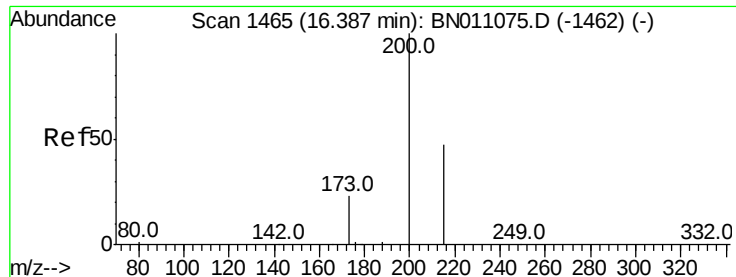
1000

500

0

Time--> 16.20 16.40

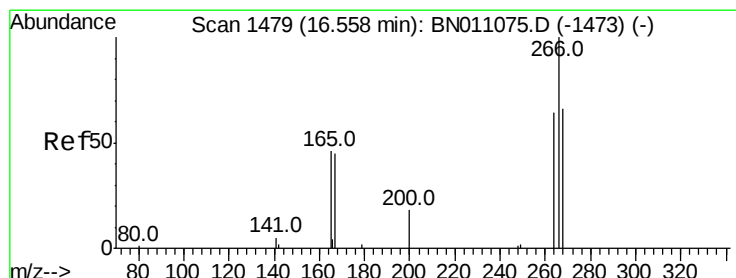
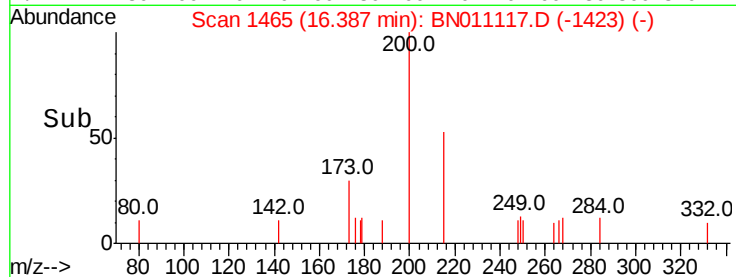
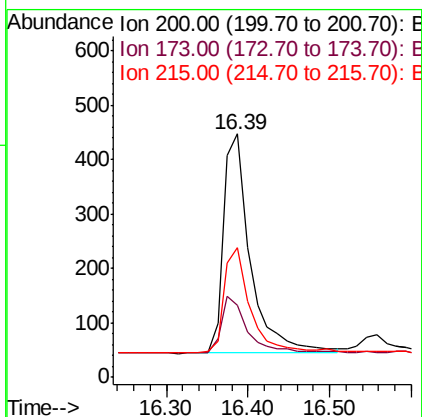
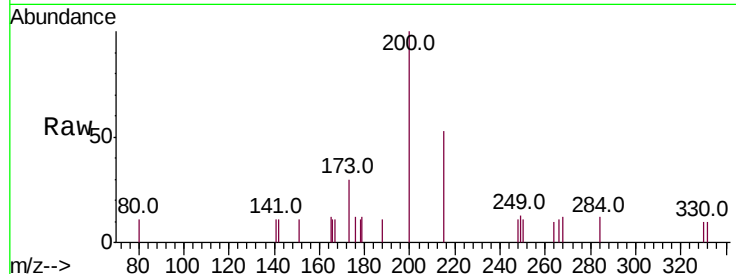




#23
Atrazine
Concen: 0.409 ng
RT: 16.39 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

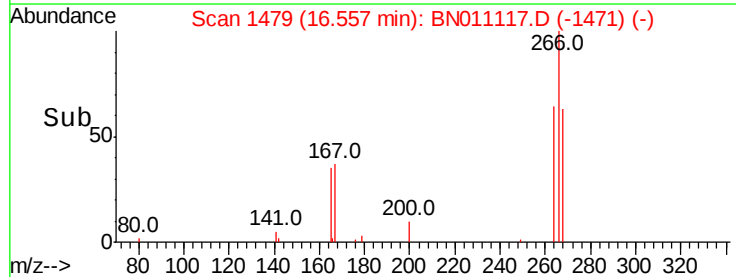
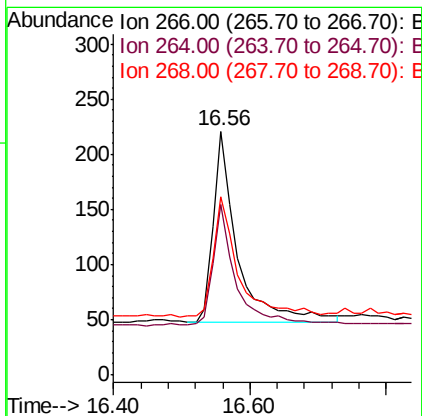
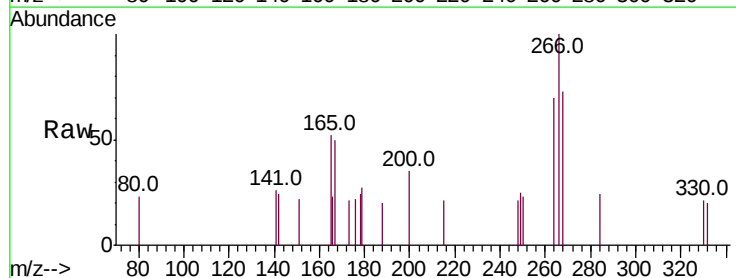
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

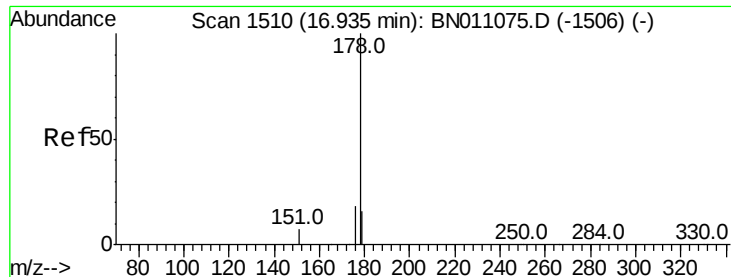
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.5	22.8	34.2
215	53.2	40.7	61.1



#24
Pentachlorophenol
Concen: 0.420 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.8	47.4	71.0
268	67.2	55.0	82.4





#25

Phenanthrene

Concen: 0.401 ng

RT: 16.92 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

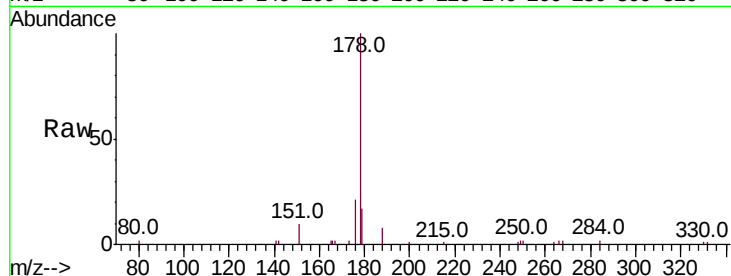
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 6216

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.2	12.5	18.7

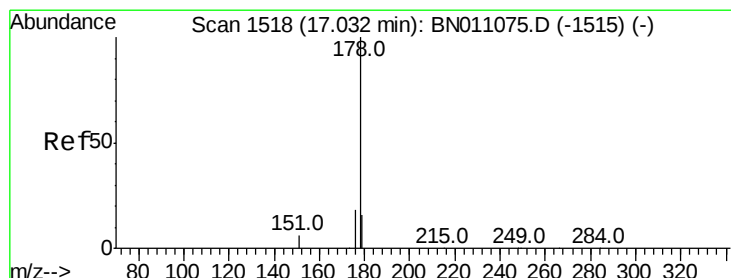
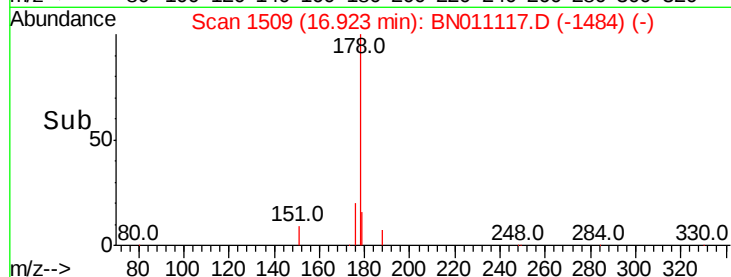
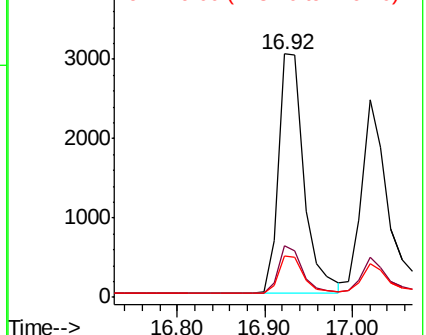


Abundance

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: 0.395 ng

RT: 17.02 min Scan# 1517

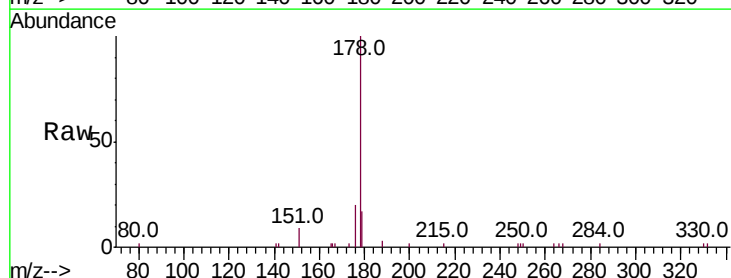
Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Tgt Ion:178 Resp: 5063

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.2	21.4
179	14.7	12.2	18.2

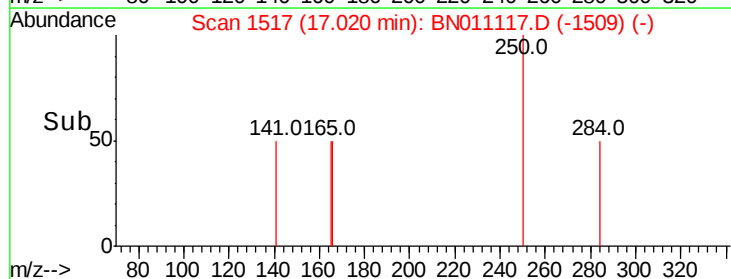
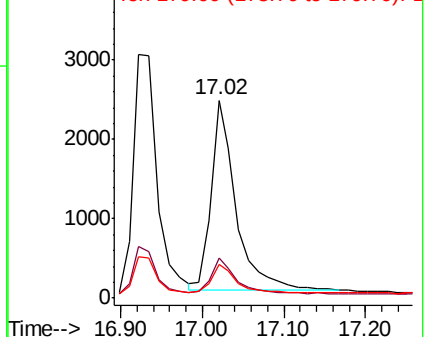


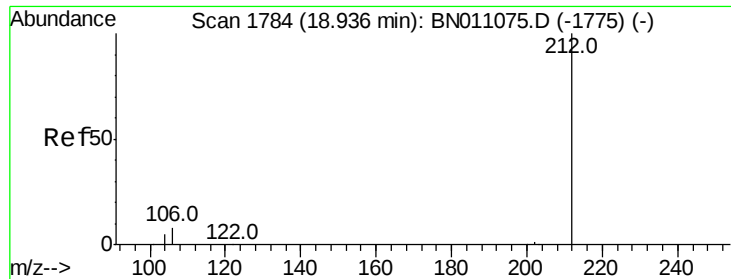
Abundance

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

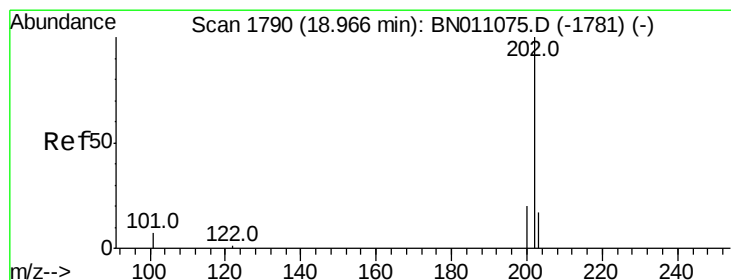
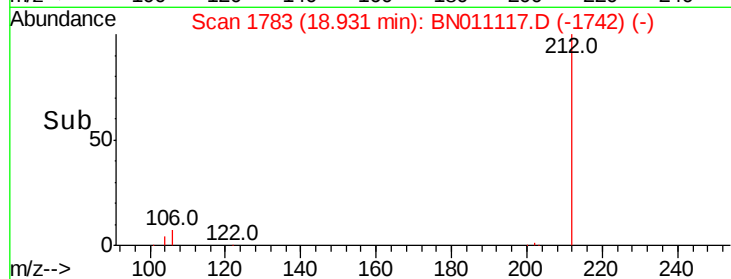
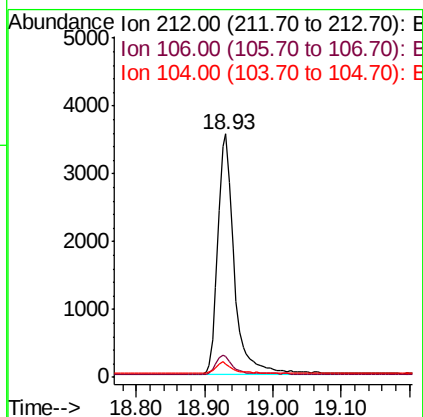
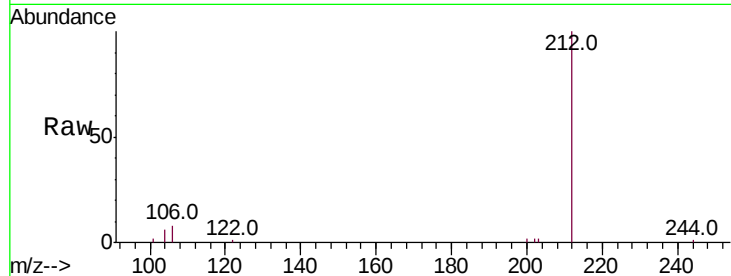




#27
 Fluoranthene-d10
 Concen: 0.413 ng
 RT: 18.93 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BN011117.D
 Acq: 07 Jul 2020 16:57

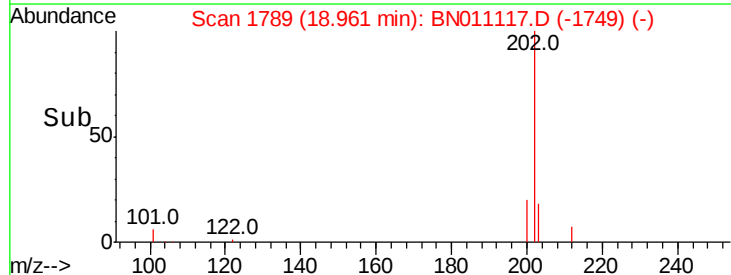
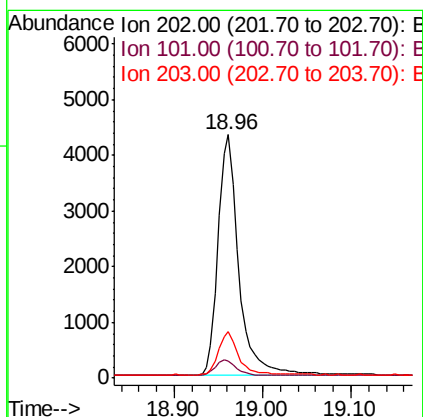
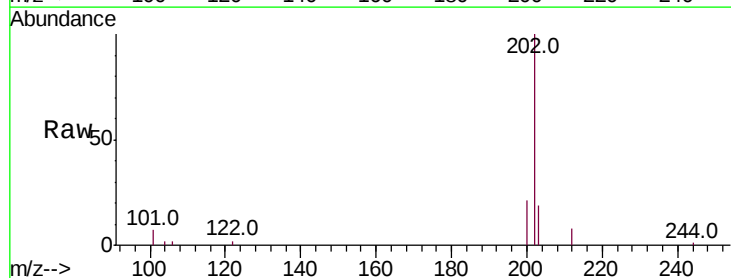
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

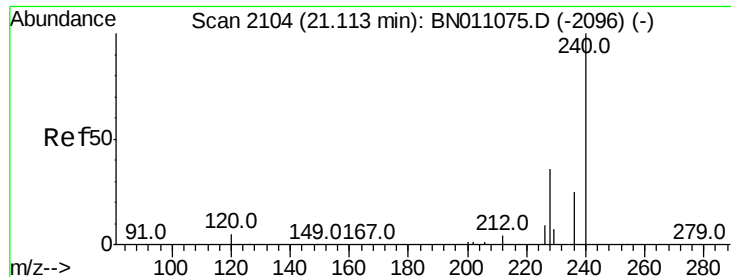
Tot Ion:212 Resp: 5974
 Ion Ratio Lower Upper
 212 100
 106 7.9 7.1 10.7
 104 4.7 4.2 6.4



#28
 Fluoranthene
 Concen: 0.404 ng
 RT: 18.96 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BN011117.D
 Acq: 07 Jul 2020 16:57

Tgt Ion:202 Resp: 7050
 Ion Ratio Lower Upper
 202 100
 101 6.6 6.3 9.5
 203 17.4 13.5 20.3

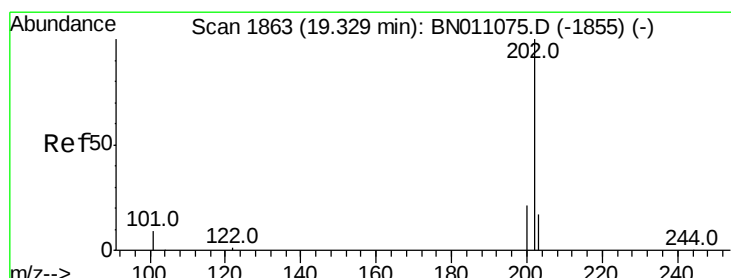
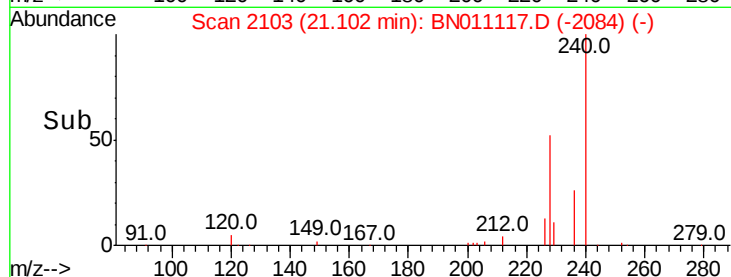
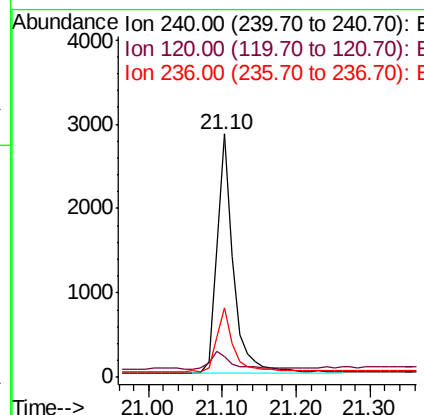
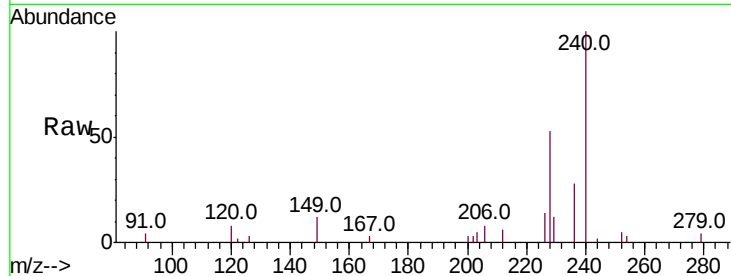




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

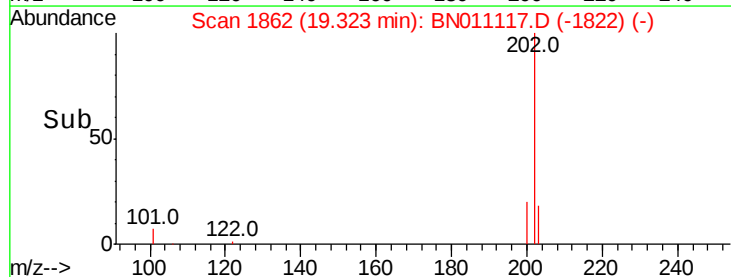
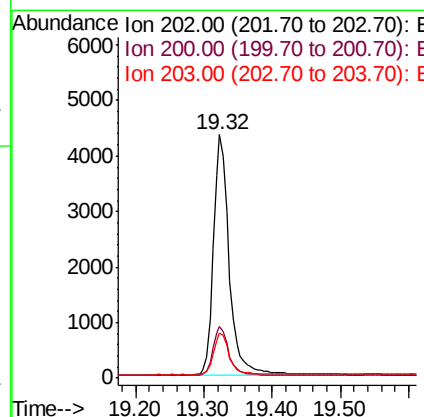
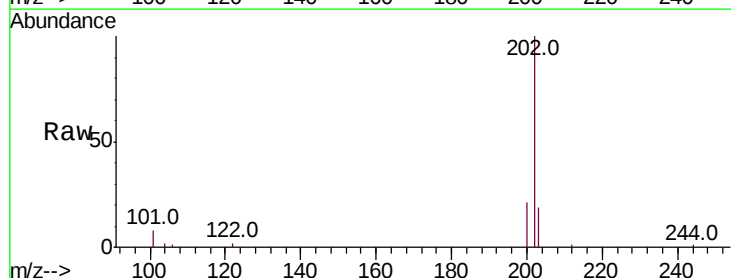
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

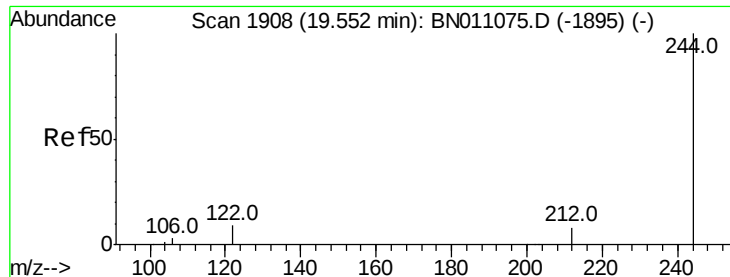
Tot Ion:240 Resp: 4495
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 28.4 21.9 32.9



#30
Pyrene
Concen: 0.419 ng
RT: 19.32 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

Tgt Ion:202 Resp: 7031
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 17.2 14.2 21.4





#31

Terphenyl-d14

Concen: 0.421 ng

RT: 19.55 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

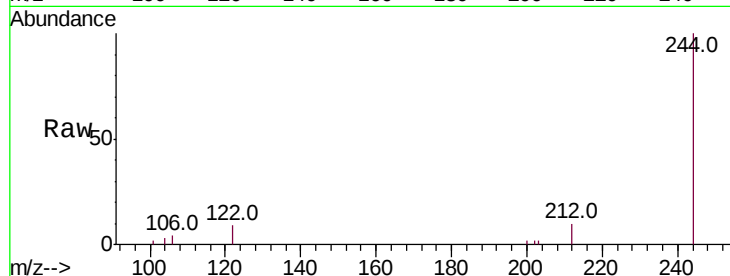
Tot Ion:244 Resp: 4932

Ion Ratio Lower Upper

244 100

212 10.1 7.5 11.3

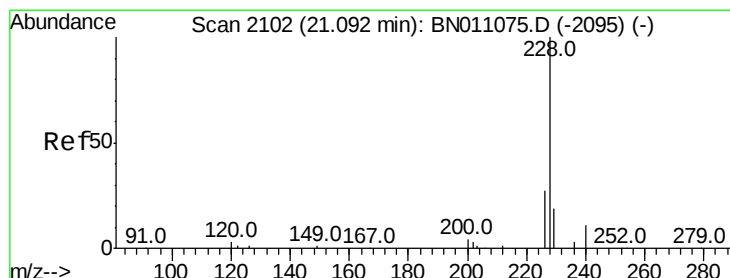
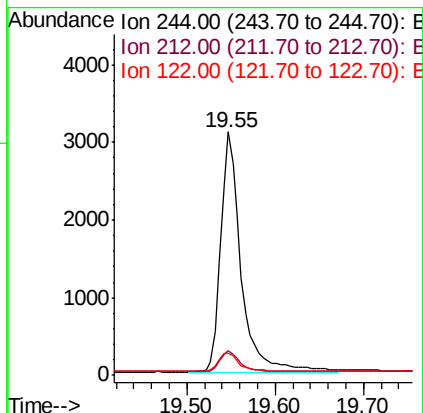
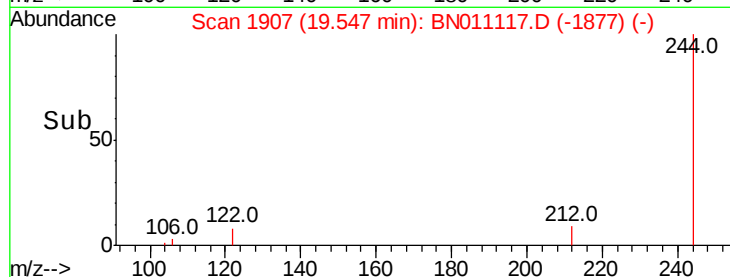
122 9.3 8.2 12.4



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: 0.382 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

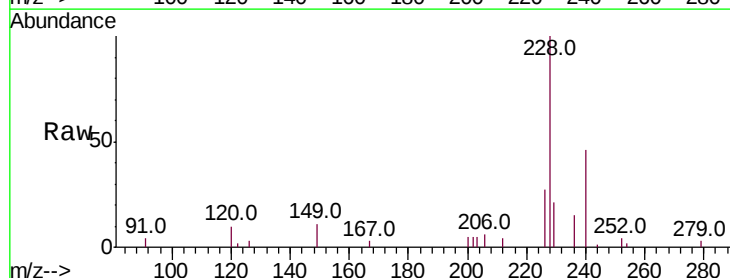
Tgt Ion:228 Resp: 5737

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

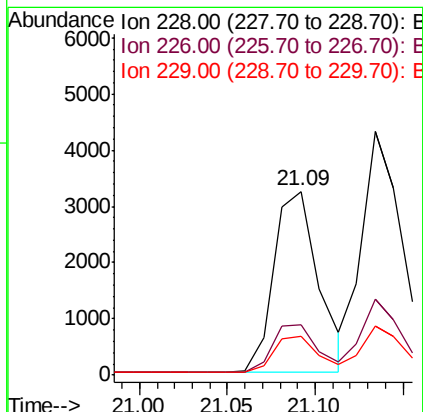
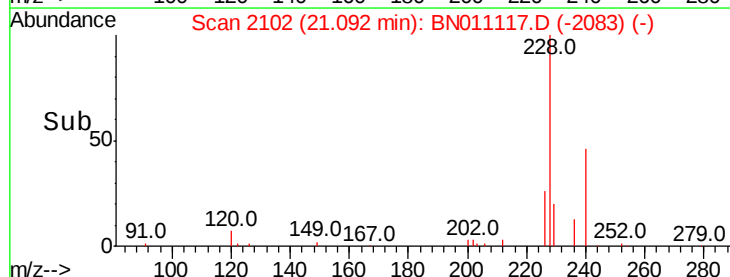
229 21.0 16.1 24.1

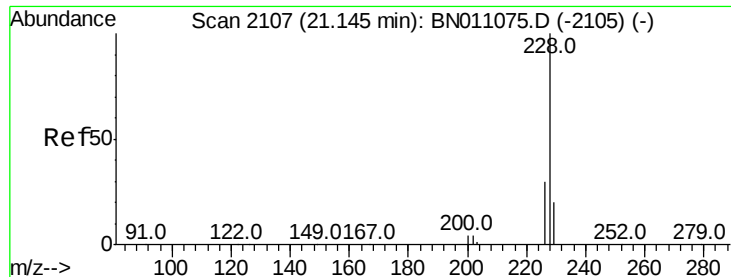


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.420 ng

RT: 21.13 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

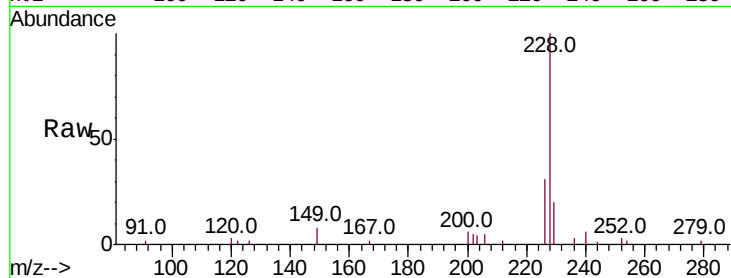
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 7240

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	20.0	16.4	24.6

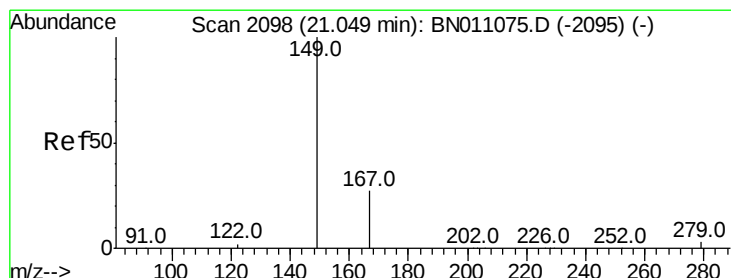
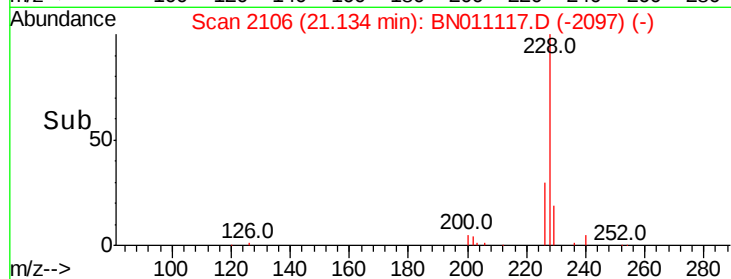
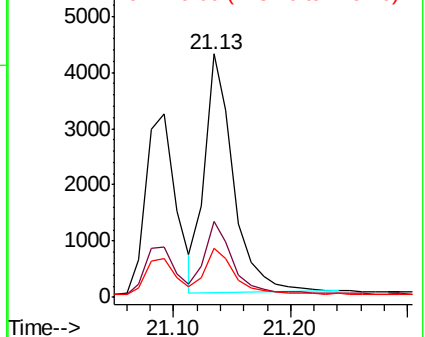


Abundance

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: 0.430 ng

RT: 21.04 min Scan# 2097

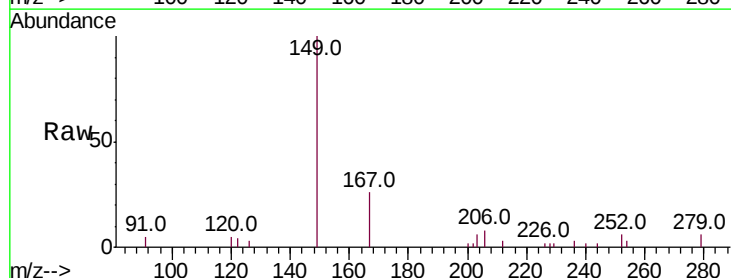
Delta R.T. -0.01 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Tgt Ion:149 Resp: 2613

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	4.9	4.5	6.7

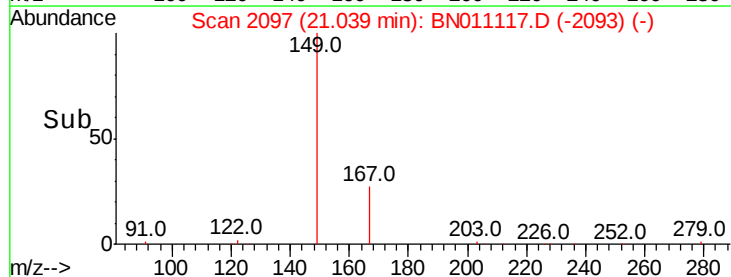
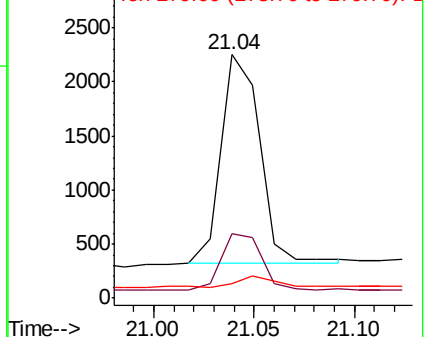


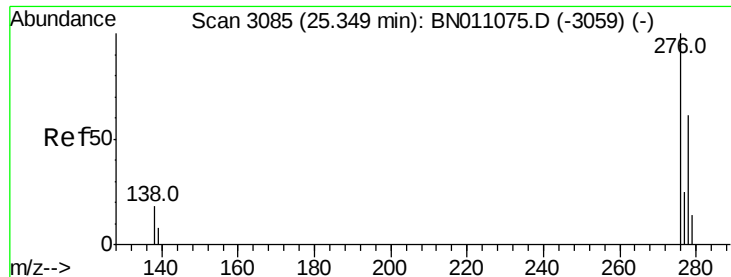
Abundance

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

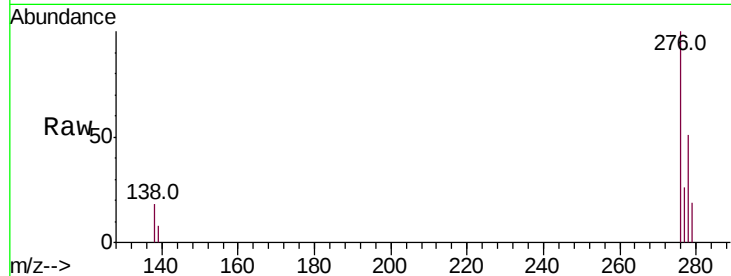




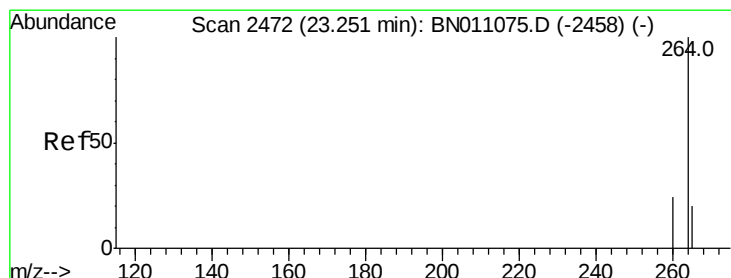
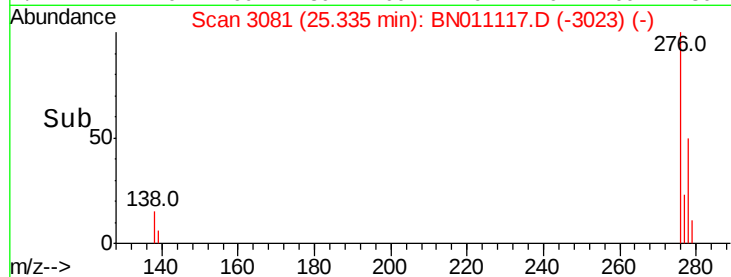
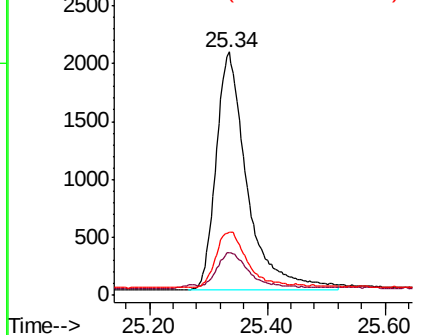
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.415 ng
 RT: 25.34 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: BN011117.D
 Acq: 07 Jul 2020 16:57

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 7486
 Ion Ratio Lower Upper
 276 100
 138 14.6 15.4 23.0#
 277 23.8 19.4 29.0

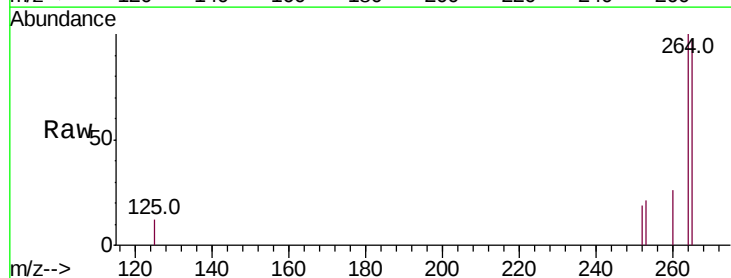


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

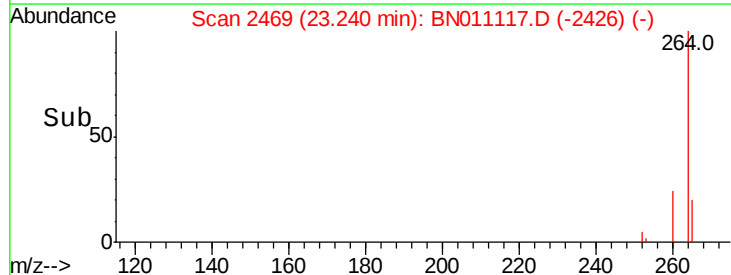
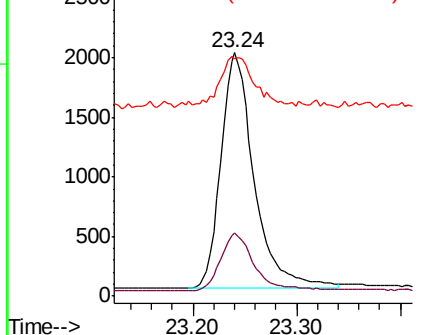


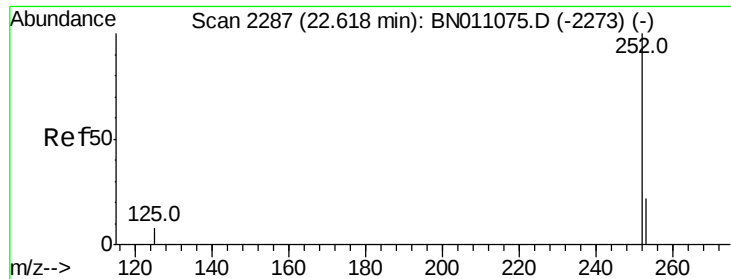
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.24 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BN011117.D
 Acq: 07 Jul 2020 16:57

Tgt Ion:264 Resp: 4358
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.4 30.6
 265 97.4 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

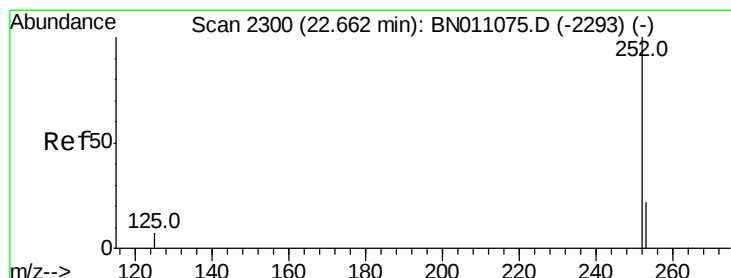
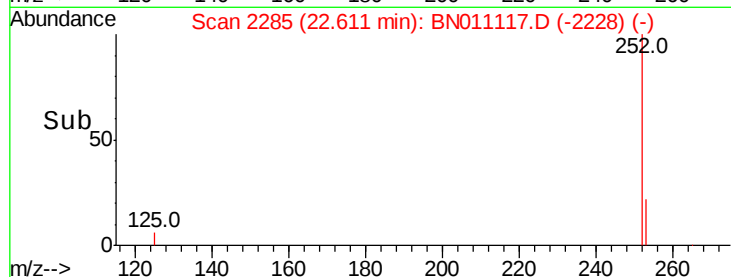
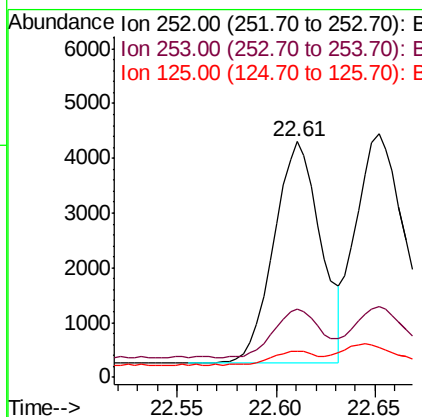
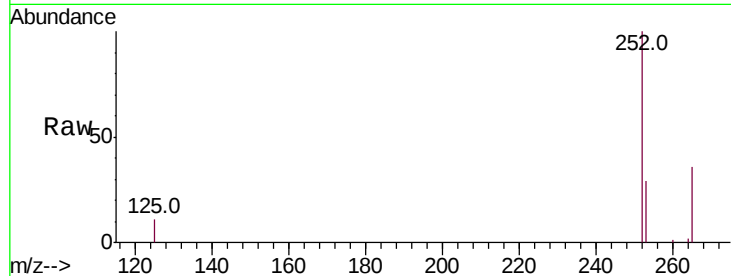




#37
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.61 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

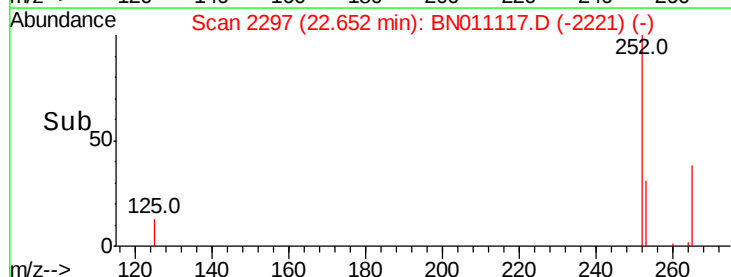
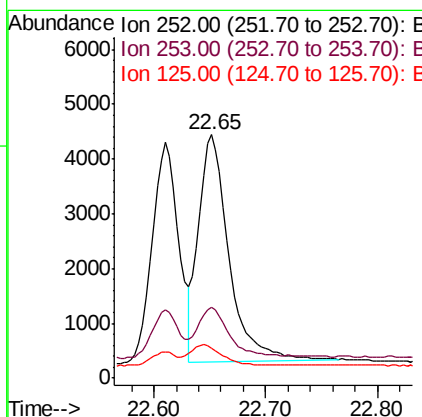
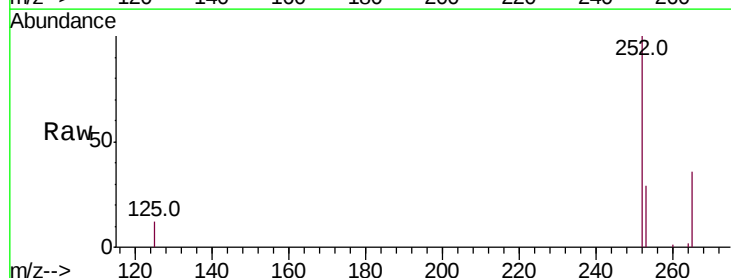
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

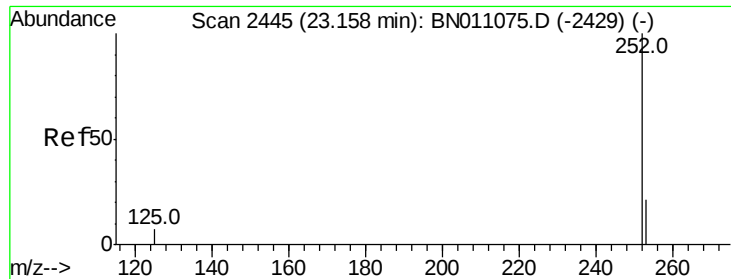
Tot Ion:252 Resp: 6649
Ion Ratio Lower Upper
252 100
253 29.1 22.7 34.1
125 11.2 10.4 15.6



#38
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.65 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BN011117.D
Acq: 07 Jul 2020 16:57

Tgt Ion:252 Resp: 7859
Ion Ratio Lower Upper
252 100
253 29.3 22.9 34.3
125 12.2 10.6 15.8





#39

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.15 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

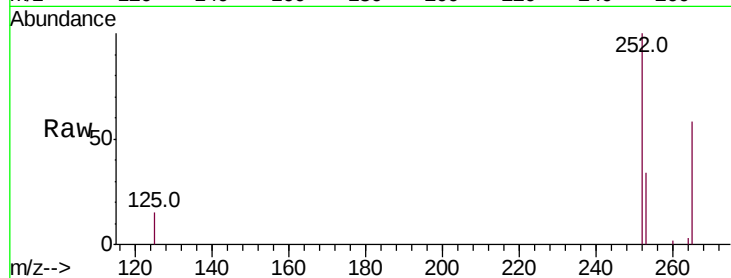
Tot Ion:252 Resp: 6061

Ion Ratio Lower Upper

252 100

253 34.0 25.9 38.9

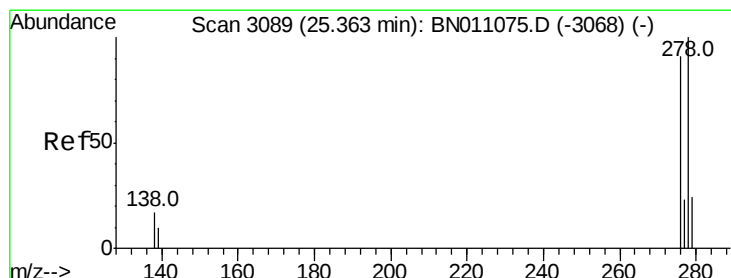
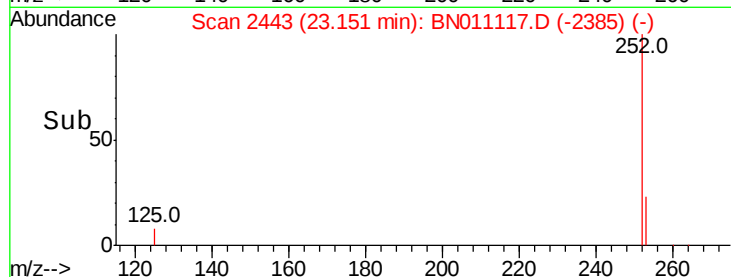
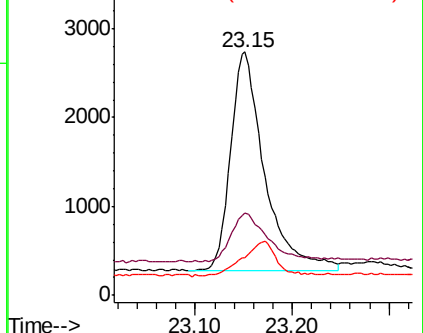
125 15.4 12.5 18.7



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: 0.362 ng

RT: 25.36 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BN011117.D

Acq: 07 Jul 2020 16:57

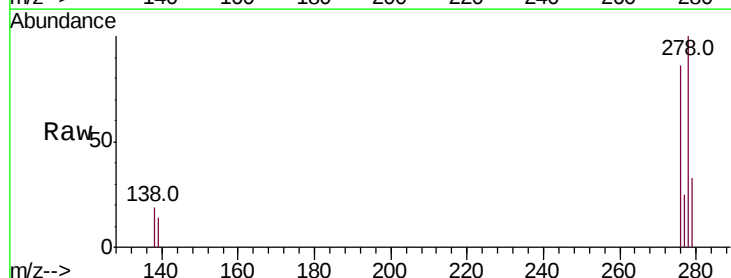
Tgt Ion:278 Resp: 5578

Ion Ratio Lower Upper

278 100

139 13.8 11.9 17.9

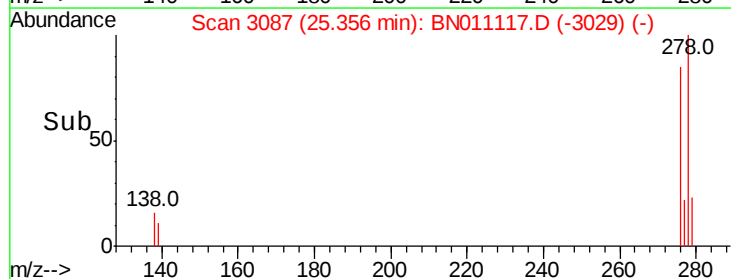
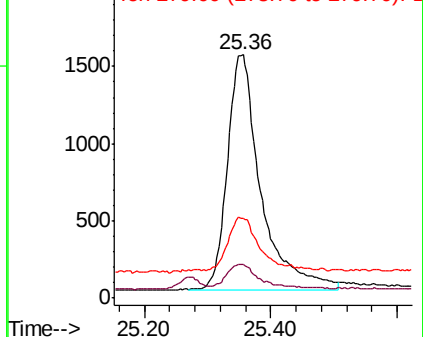
279 32.8 25.5 38.3

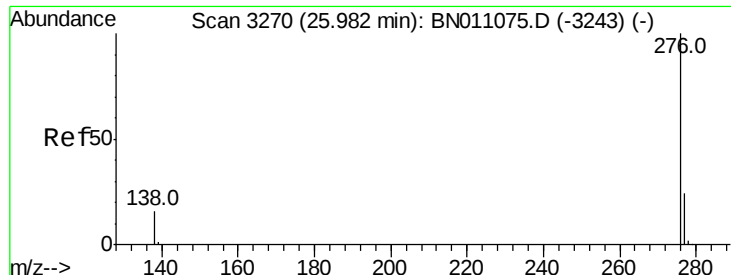


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.404 ng

RT: 25.96 min Scan# 3264

Delta R.T. -0.00 min

Lab File: BN011117.D

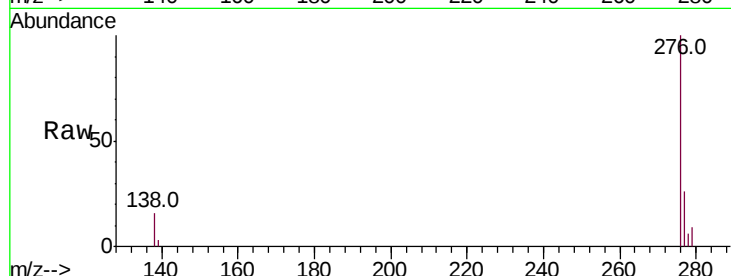
Acq: 07 Jul 2020 16:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 6864

Ion Ratio Lower Upper

276 100

277 25.5 21.1 31.7

138 16.1 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

