

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072220\
 Data File : BN011222.D
 Acq On : 21 Jul 2020 17:07
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 21 17:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 21 14:35:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1499	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5381	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3302	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	7635	0.40	ng	0.00
29) Chrysene-d12	21.09	240	5996	0.40	ng	-0.01
36) Perylene-d12	23.23	264	5645	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1342	0.36	ng	0.00
5) Phenol-d6	6.69	99	1666	0.40	ng	0.00
8) Nitrobenzene-d5	8.64	82	1733	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	3586	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	544	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5465	0.35	ng	0.00
27) Fluoranthene-d10	18.91	212	8837	0.37	ng	0.00
31) Terphenyl-d14	19.54	244	7101	0.45	ng	0.00

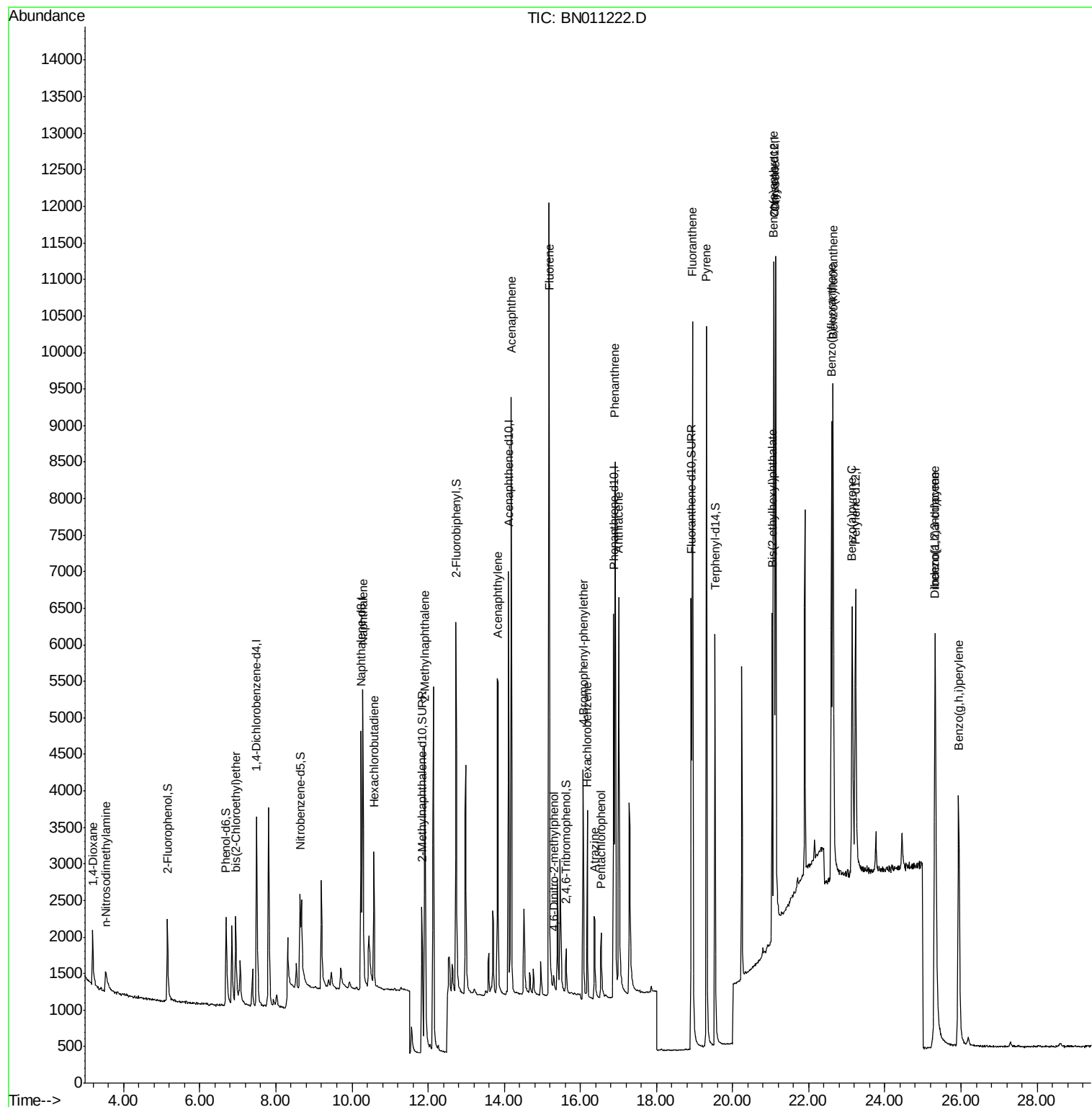
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	745	0.348	ng	96
3) n-Nitrosodimethylamine	3.53	42	394	0.365	ng	89
6) bis(2-Chloroethyl)ether	6.94	93	1564	0.409	ng	94
9) Naphthalene	10.29	128	5994	0.374	ng	99
10) Hexachlorobutadiene	10.58	225	1439	0.363	ng	# 99
12) 2-Methylnaphthalene	11.91	142	4106	0.408	ng	98
16) Acenaphthylene	13.84	152	6045	0.360	ng	100
17) Acenaphthene	14.18	154	4164	0.372	ng	99
18) Fluorene	15.18	166	5441	0.378	ng	99
20) 4,6-Dinitro-2-methylphenol	15.30	198	346	0.376	ng	93
21) 4-Bromophenyl-phenylether	16.08	248	1885	0.363	ng	98
22) Hexachlorobenzene	16.19	284	2057	0.341	ng	98
23) Atrazine	16.36	200	1393	0.383	ng	95
24) Pentachlorophenol	16.54	266	620	0.346	ng	96
25) Phenanthrene	16.91	178	9061	0.369	ng	100
26) Anthracene	17.00	178	7258	0.356	ng	100
28) Fluoranthene	18.95	202	10616	0.361	ng	100
30) Pyrene	19.31	202	10378	0.453	ng	99
32) Benzo(a)anthracene	21.08	228	7178	0.370	ng	98
33) Chrysene	21.13	228	9656	0.407	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	3819	0.477	ng	97
35) Indeno(1,2,3-cd)pyrene	25.31	276	8856	0.352	ng	99
37) Benzo(b)fluoranthene	22.60	252	7913	0.349	ng	100
38) Benzo(k)fluoranthene	22.64	252	9747	0.380	ng	97
39) Benzo(a)pyrene	23.14	252	6970	0.341	ng	99
40) Dibenzo(a,h)anthracene	25.33	278	6702	0.310	ng	99
41) Benzo(g,h,i)perylene	25.94	276	7678	0.323	ng	98

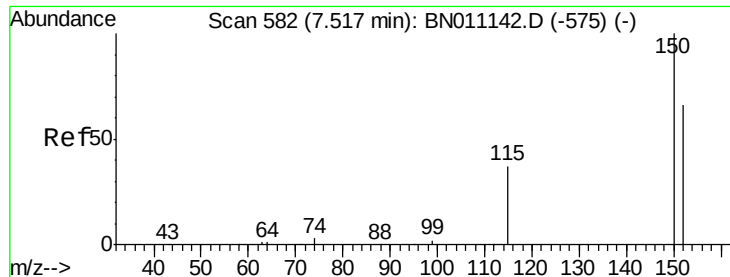
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 21 17:37:40 2020
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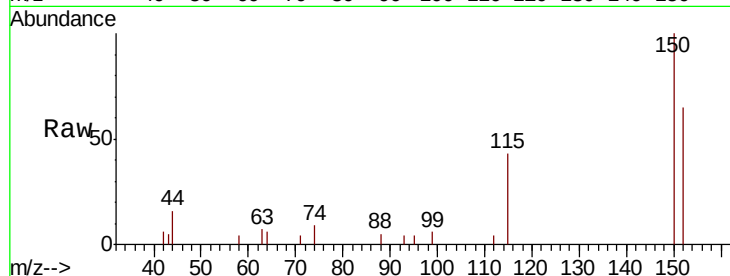


#1

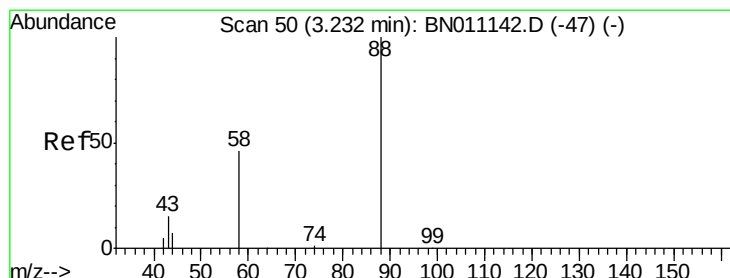
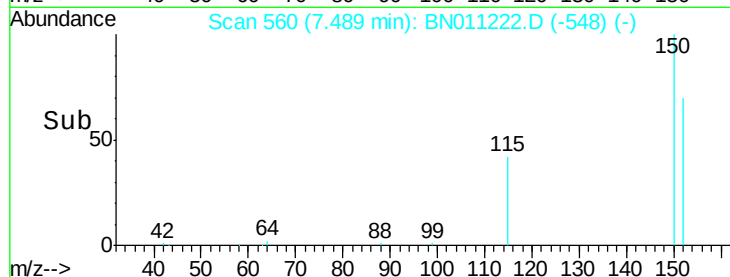
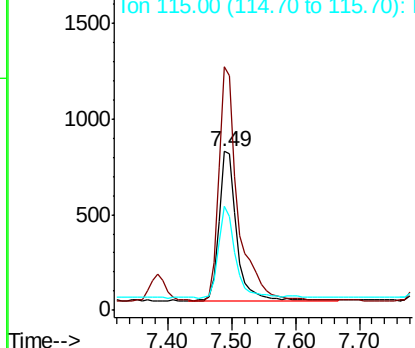
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.00 min
Lab File: BN011222.D
Acq: 21 Jul 2020 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1499
Ion Ratio Lower Upper
152 100
150 153.3 119.4 179.0
115 65.3 48.3 72.5



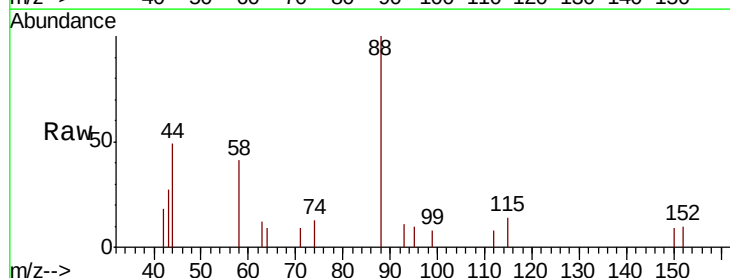
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



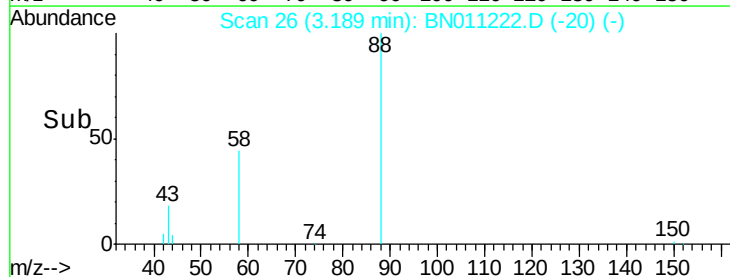
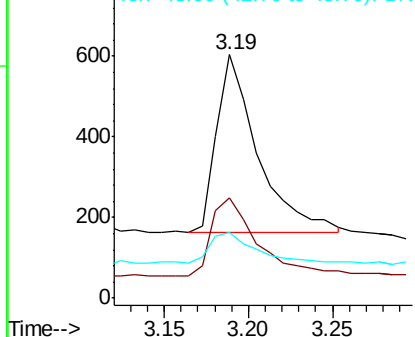
#2

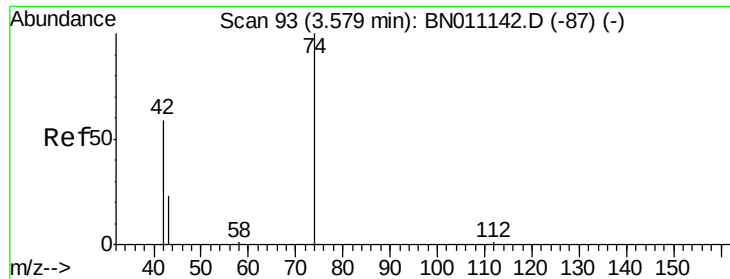
1,4-Dioxane
Concen: 0.348 ng
RT: 3.19 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN011222.D
Acq: 21 Jul 2020 17:07

Tgt Ion: 88 Resp: 745
Ion Ratio Lower Upper
88 100
58 48.6 36.5 54.7
43 18.5 14.3 21.5



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



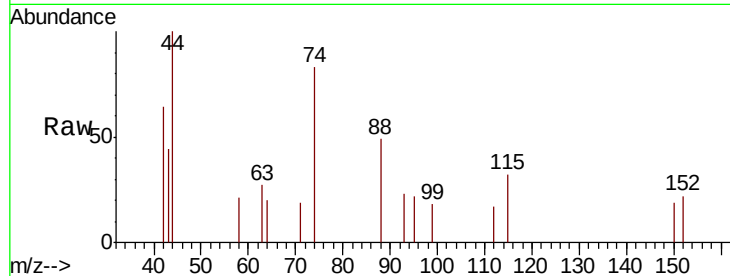


#3

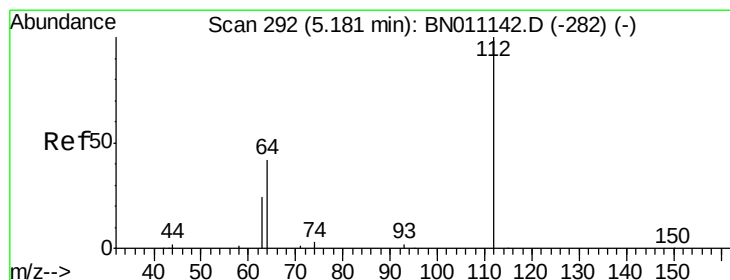
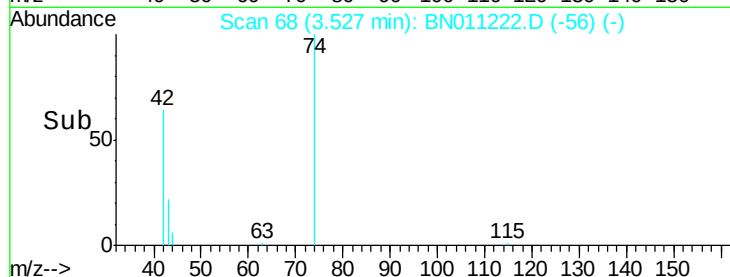
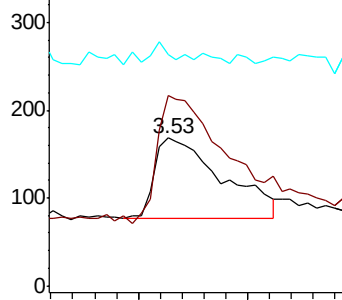
n-Nitrosodimethylamine
 Concen: 0.365 ng
 RT: 3.53 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BN011222.D
 Acq: 21 Jul 2020 17:07

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 394
 Ion Ratio Lower Upper
 42 100
 74 159.6 140.9 211.3
 44 8.6 7.6 11.4



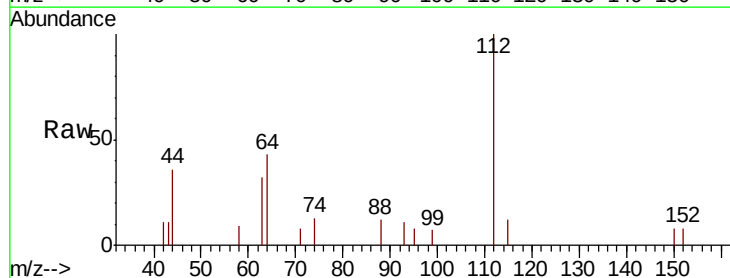
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



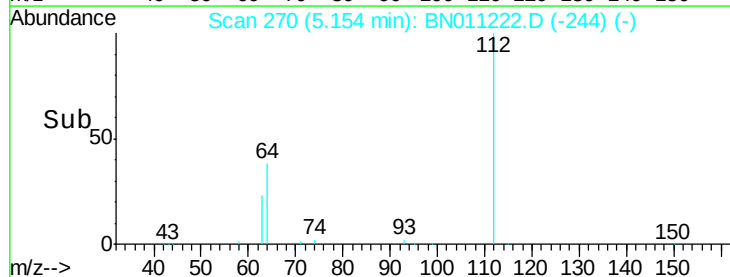
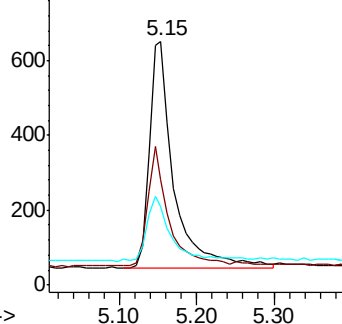
#4

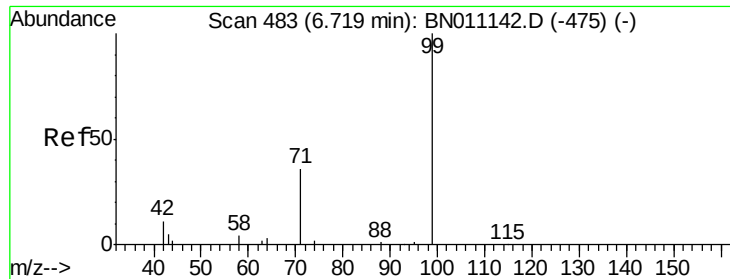
2-Fluorophenol
 Concen: 0.363 ng
 RT: 5.15 min Scan# 270
 Delta R.T. 0.01 min
 Lab File: BN011222.D
 Acq: 21 Jul 2020 17:07

Tgt Ion: 112 Resp: 1342
 Ion Ratio Lower Upper
 112 100
 64 44.9 36.7 55.1
 63 27.9 20.4 30.6



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





#5

Phenol-d6

Concen: 0.399 ng

RT: 6.69 min Scan# 461

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

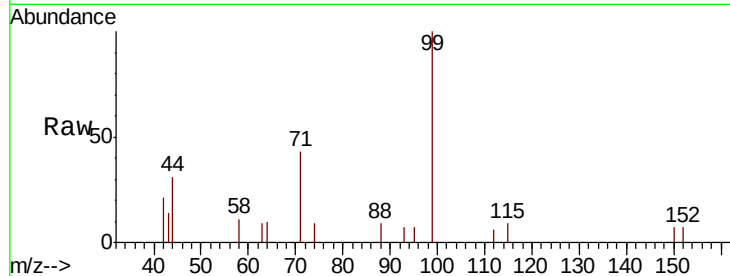
Tot Ion: 99 Resp: 1666

Ion Ratio Lower Upper

99 100

42 12.8 10.8 16.2

71 38.8 31.3 46.9



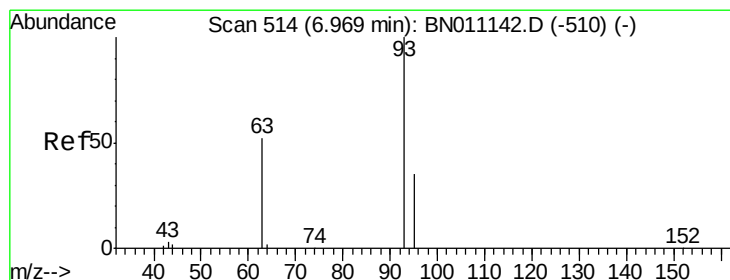
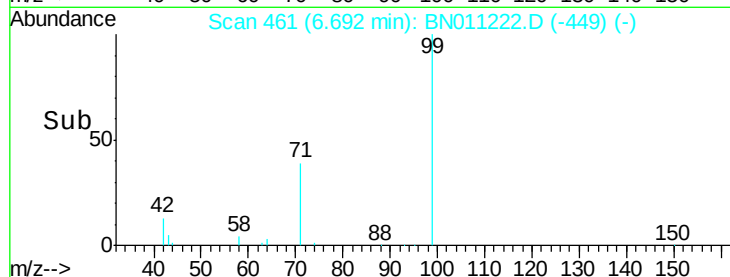
Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011142.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011142.D (-475) (-)

6.69

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.409 ng

RT: 6.94 min Scan# 492

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

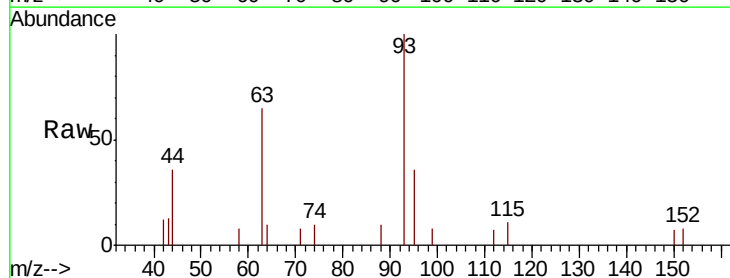
Tgt Ion: 93 Resp: 1564

Ion Ratio Lower Upper

93 100

63 52.9 47.4 71.0

95 33.8 28.1 42.1



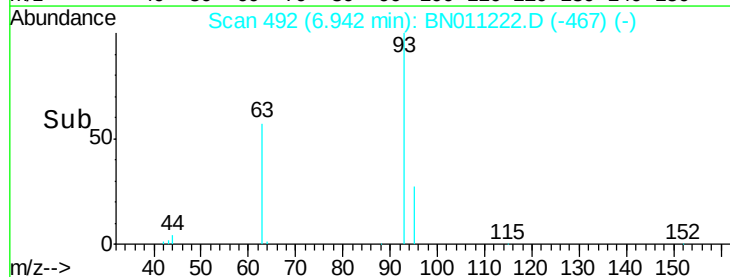
Abundance Ion 93.00 (92.70 to 93.70): BN011142.D (-510) (-)

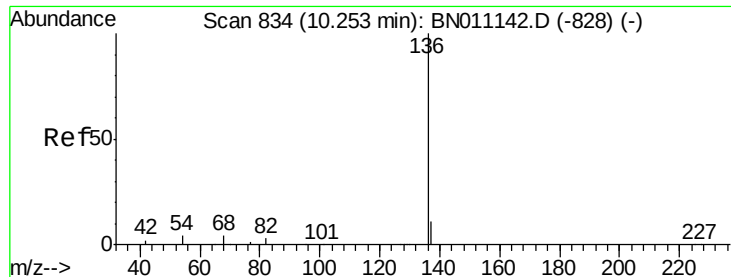
Ion 63.00 (62.70 to 63.70): BN011142.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011142.D (-510) (-)

6.94

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5381

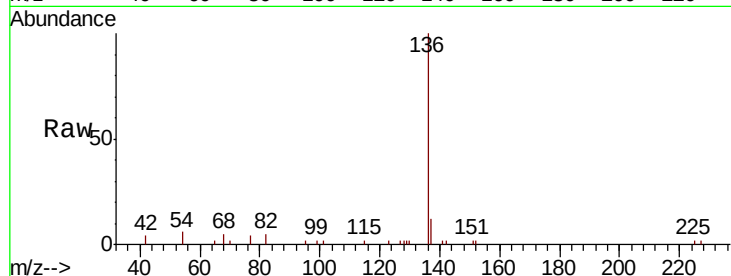
Ion Ratio Lower Upper

136 100

137 12.2 10.3 15.5

54 5.7 4.9 7.3

68 5.4 4.9 7.3

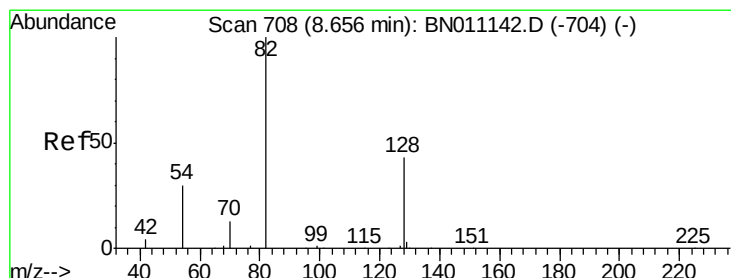
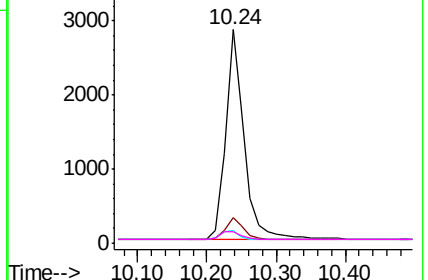
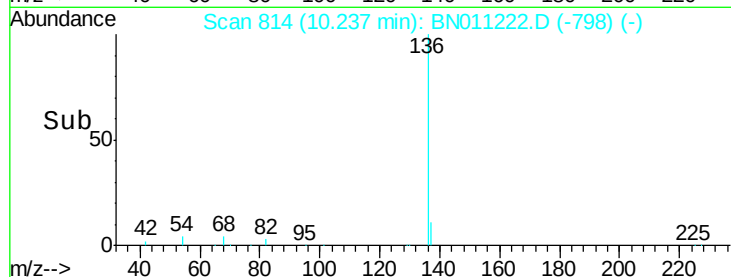


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

RT: 8.64 min Scan# 688

Delta R.T. 0.01 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

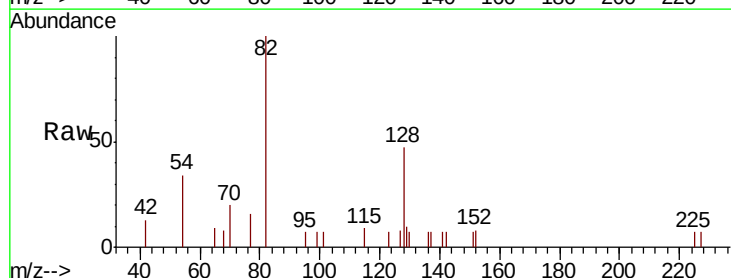
Tgt Ion: 82 Resp: 1733

Ion Ratio Lower Upper

82 100

128 47.3 38.1 57.1

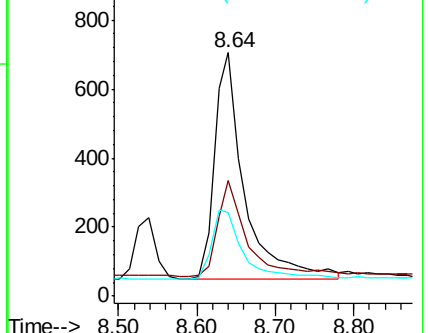
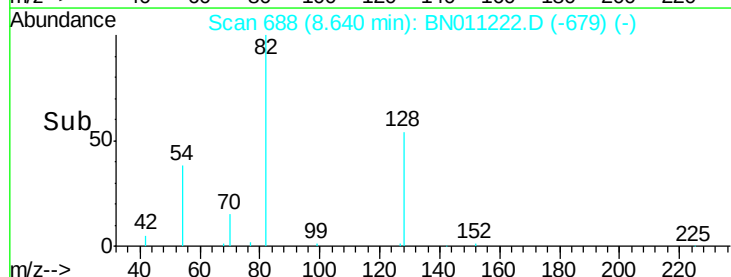
54 34.1 27.1 40.7

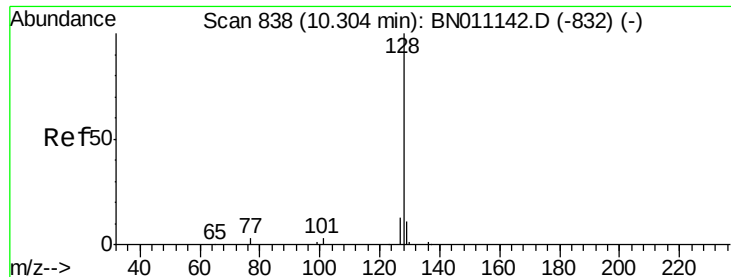


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.374 ng

RT: 10.29 min Scan# 818

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

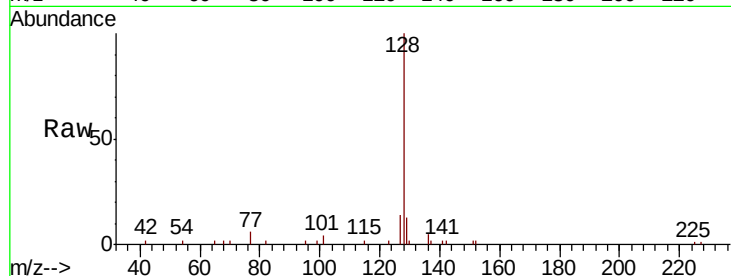
Tot Ion:128 Resp: 5994

Ion Ratio Lower Upper

128 100

129 12.5 9.8 14.6

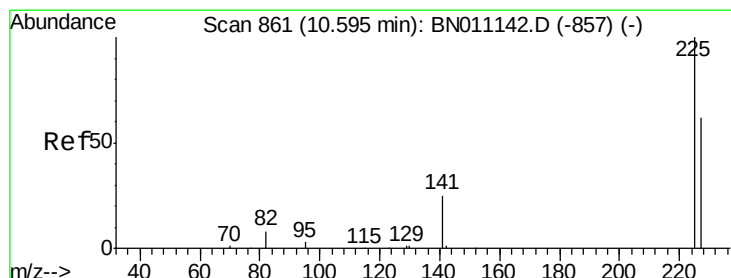
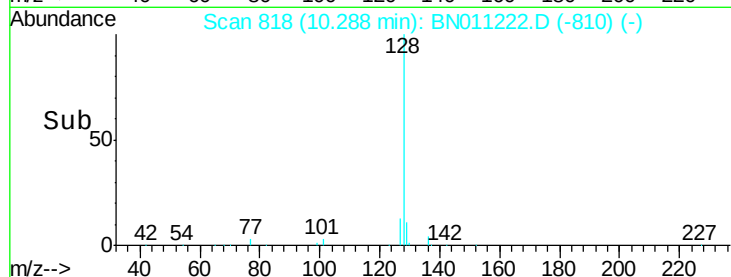
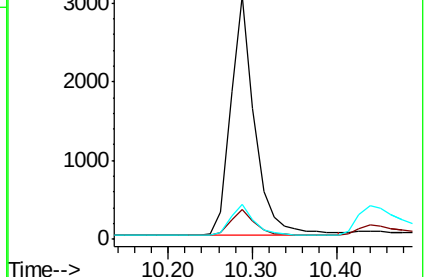
127 14.1 11.8 17.6



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: 0.363 ng

RT: 10.58 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

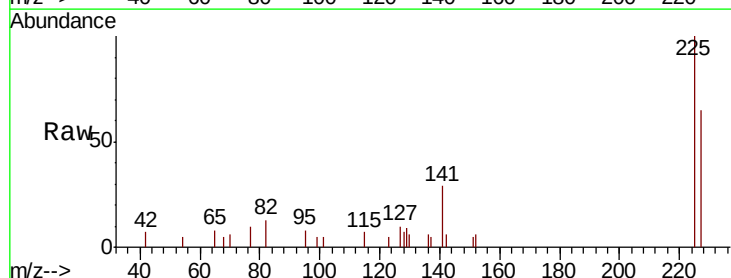
Tgt Ion:225 Resp: 1439

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

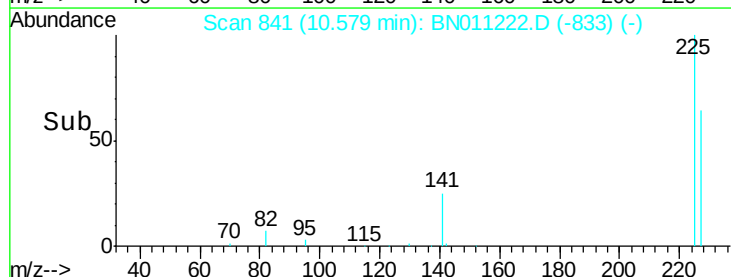
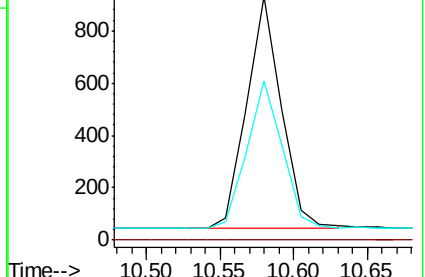
227 64.8 51.2 76.8

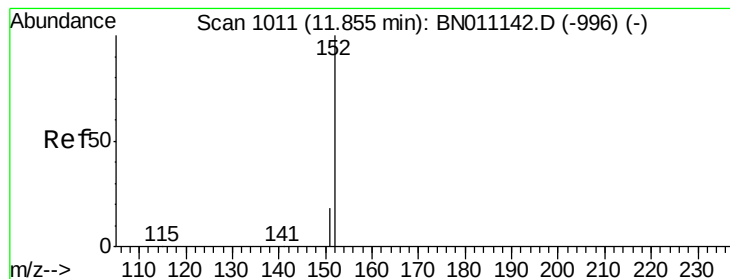


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 11.84 min Scan# 987

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

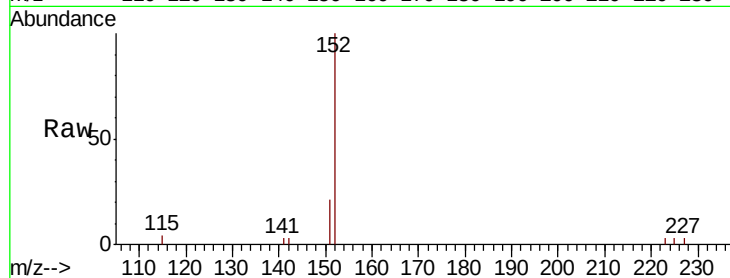
SSTDCCC0.4EC

Tot Ion:152 Resp: 3586

Ion Ratio Lower Upper

152 100

151 21.0 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

1500

1000

500

0

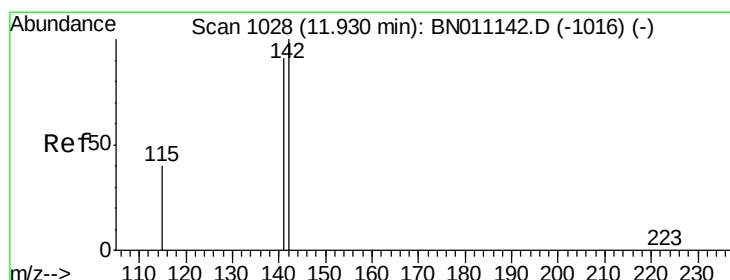
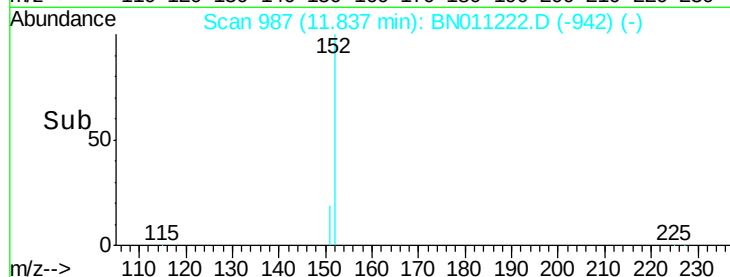
11.84

11.80

11.90

12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 11.91 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

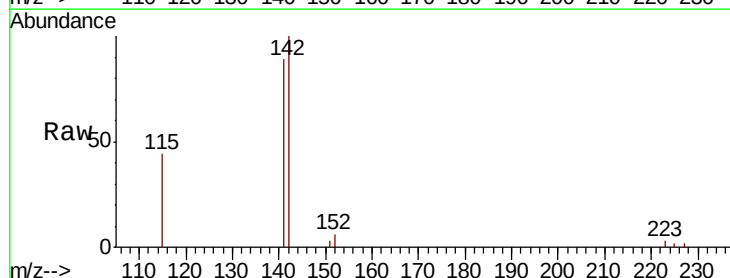
Tgt Ion:142 Resp: 4106

Ion Ratio Lower Upper

142 100

141 88.9 72.7 109.1

115 43.6 33.8 50.6



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

3000

2500

2000

1500

1000

500

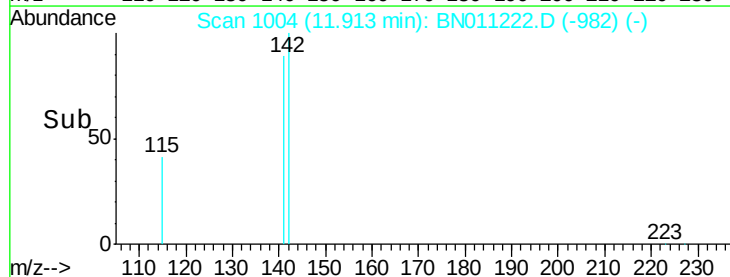
0

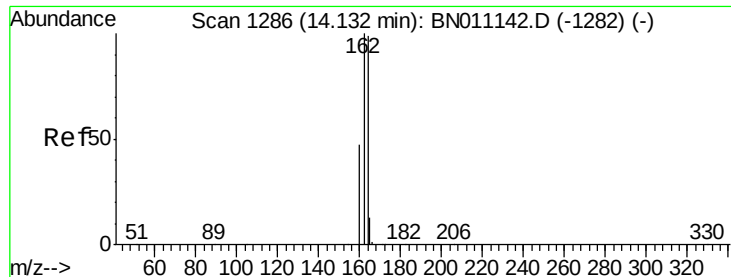
11.91

11.80

12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

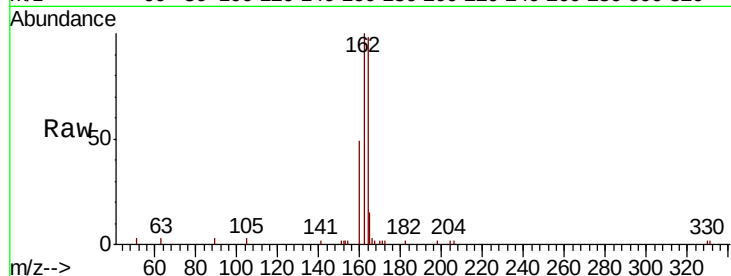
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:164 Resp: 3302

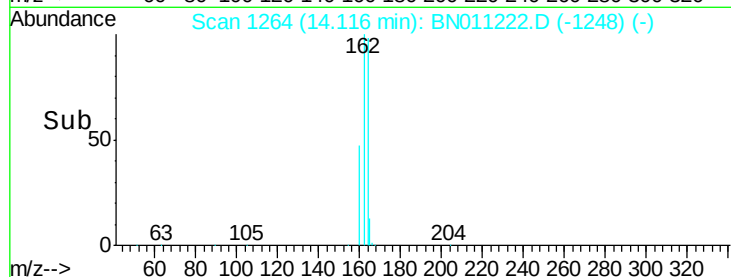
Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.0	121.4
160	49.6	39.0	58.6



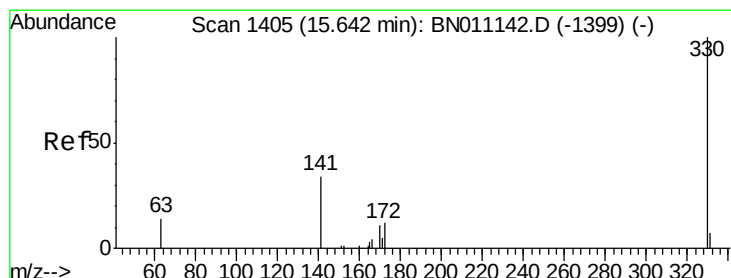
Abundance Ion 164.00 (163.70 to 164.70): E

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: 0.371 ng

RT: 15.63 min Scan# 1383

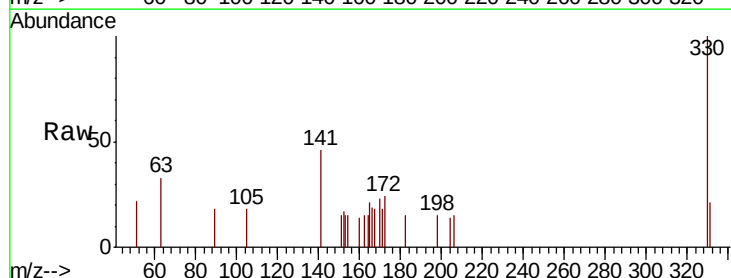
Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Tgt Ion:330 Resp: 544

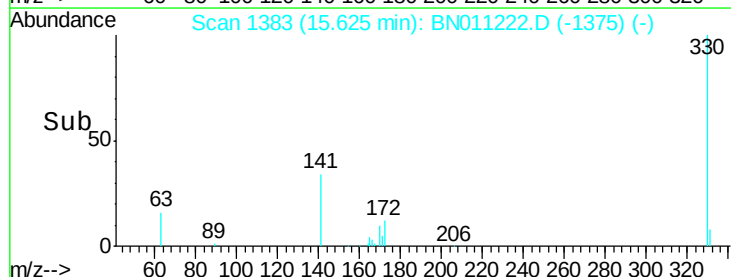
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.9	31.5	47.3



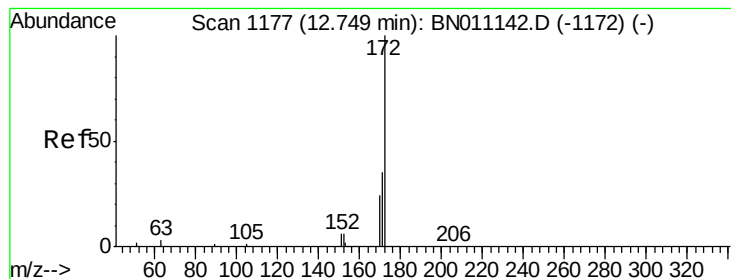
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.353 ng

RT: 12.73 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

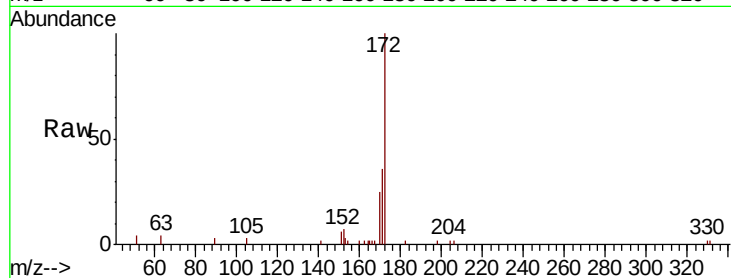
Tot Ion:172 Resp: 5465

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

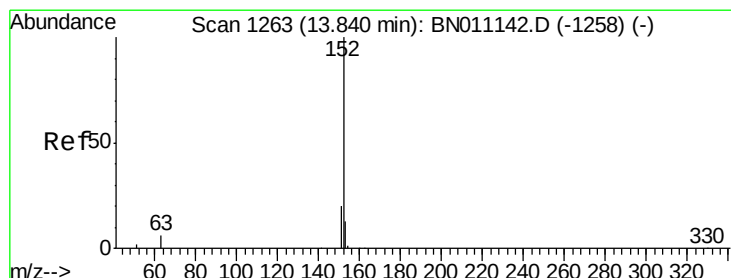
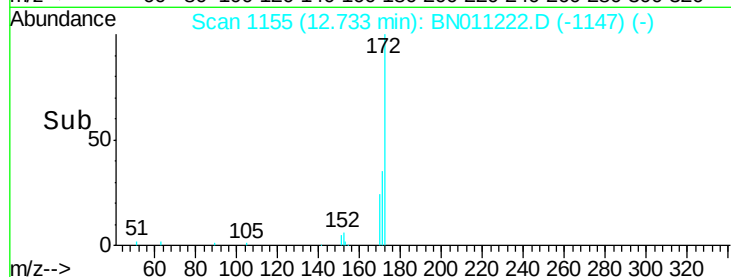
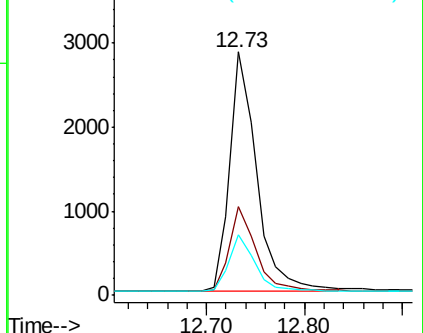
170 25.1 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.360 ng

RT: 13.84 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

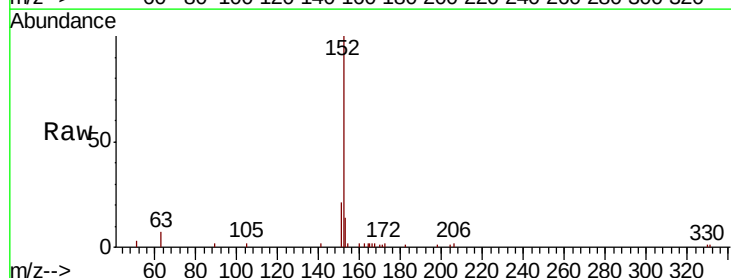
Tgt Ion:152 Resp: 6045

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

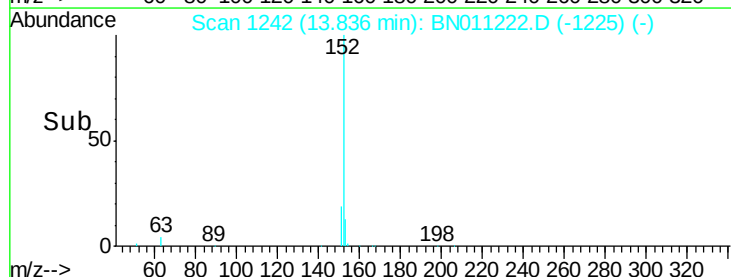
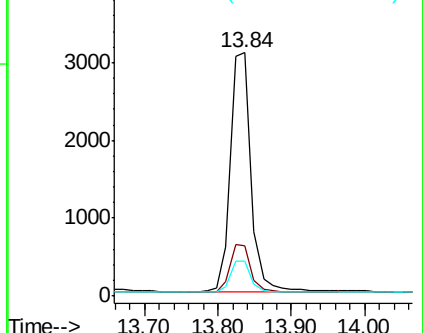
153 13.1 10.6 15.8

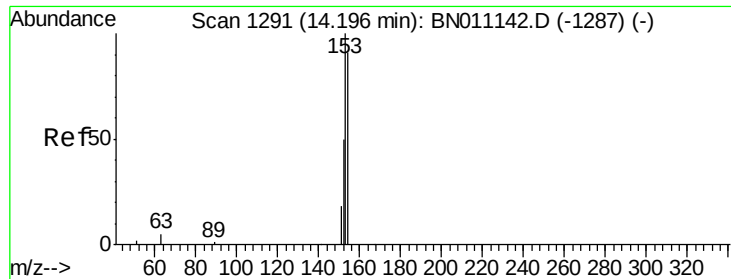


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.372 ng

RT: 14.18 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

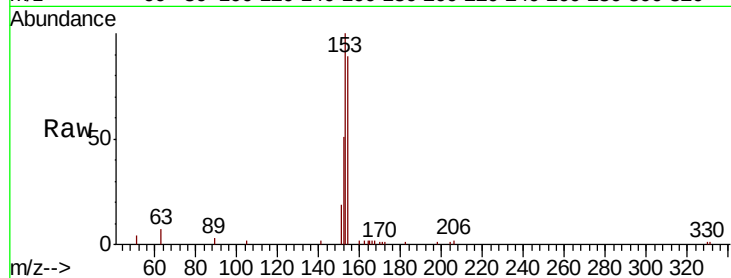
Tot Ion:154 Resp: 4164

Ion Ratio Lower Upper

154 100

153 115.1 91.3 136.9

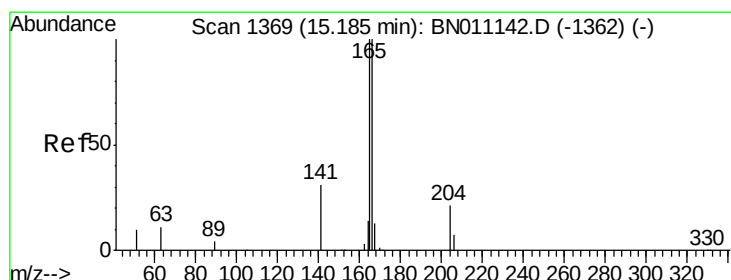
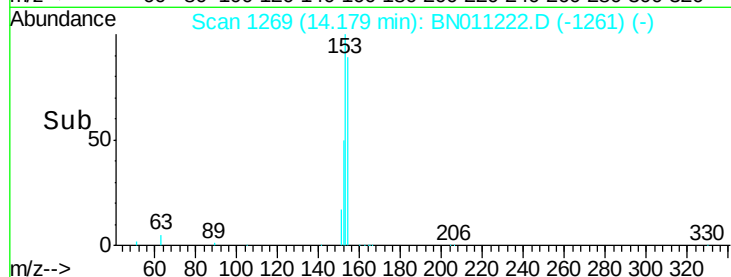
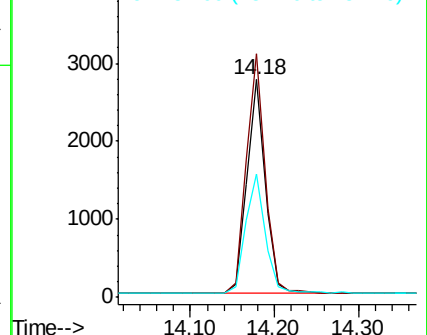
152 59.7 46.6 69.8



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: 0.378 ng

RT: 15.18 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

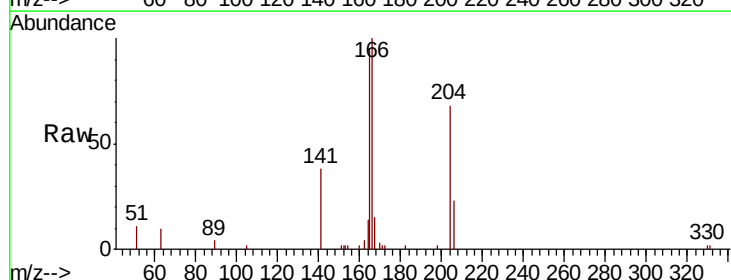
Tgt Ion:166 Resp: 5441

Ion Ratio Lower Upper

166 100

165 97.8 79.1 118.7

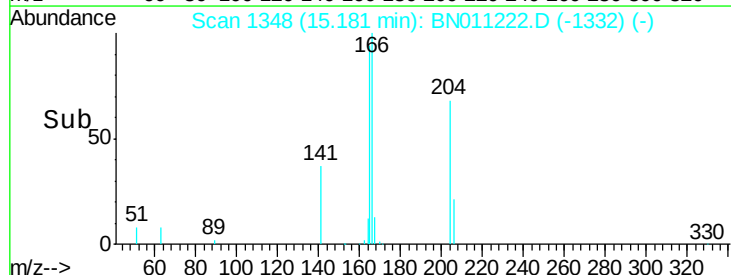
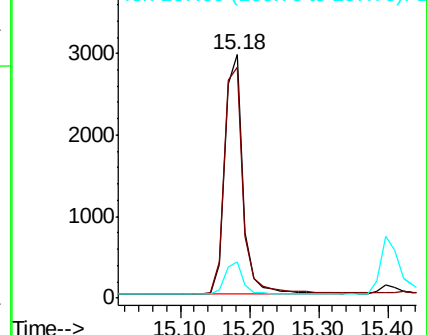
167 13.4 10.5 15.7

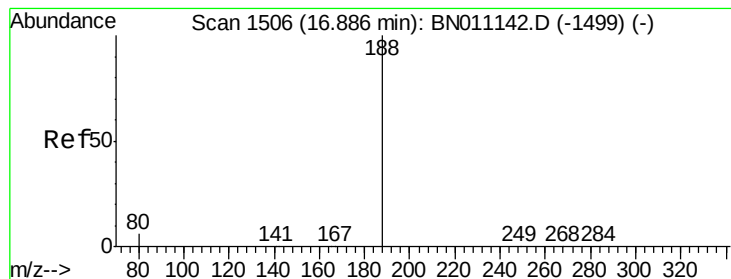


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.87 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

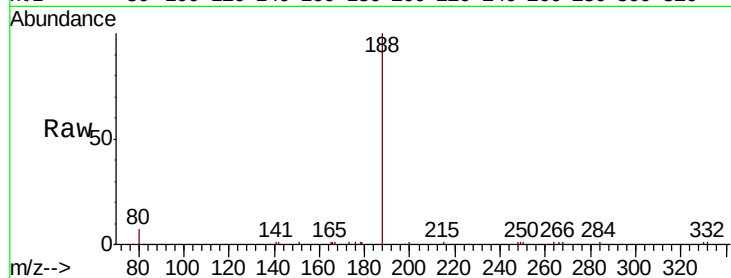
Tot Ion:188 Resp: 7635

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

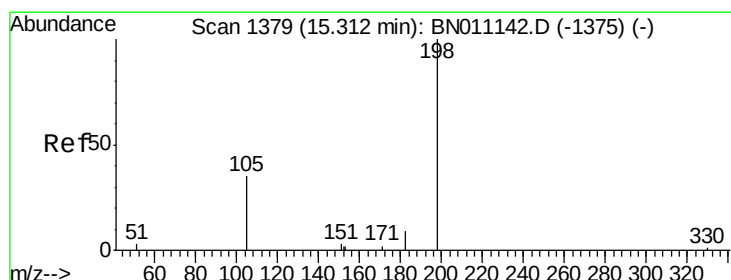
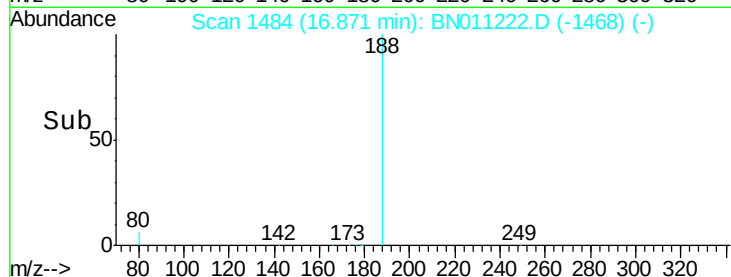
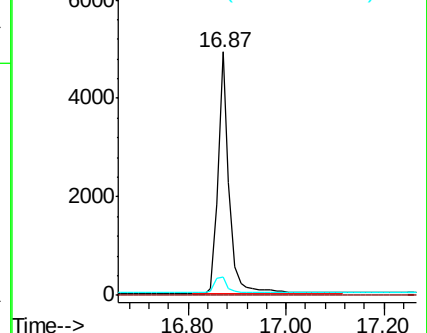
80 7.4 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.376 ng

RT: 15.30 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

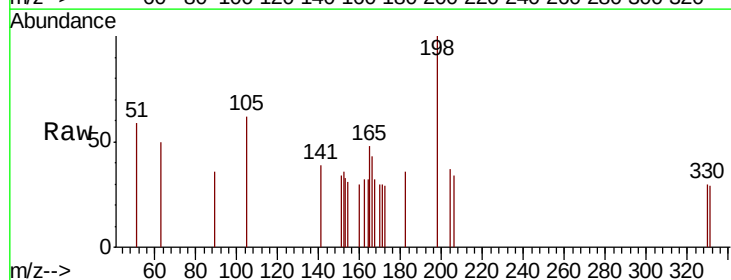
Tgt Ion:198 Resp: 346

Ion Ratio Lower Upper

198 100

51 58.7 53.1 79.7

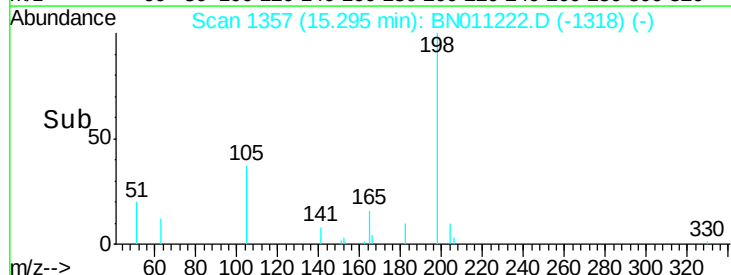
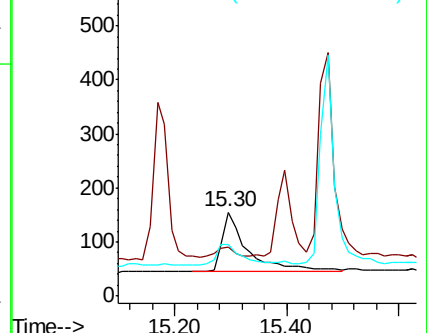
105 61.9 51.9 77.9

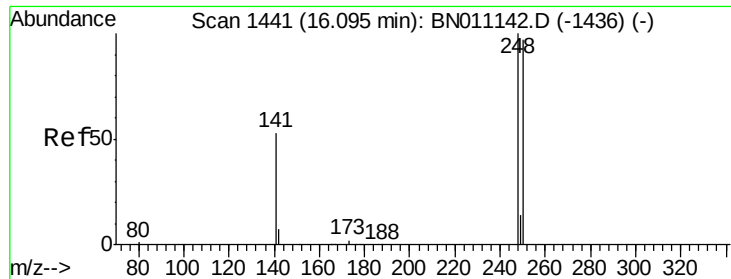


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E

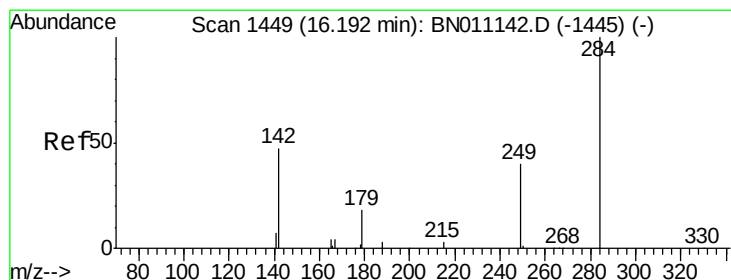
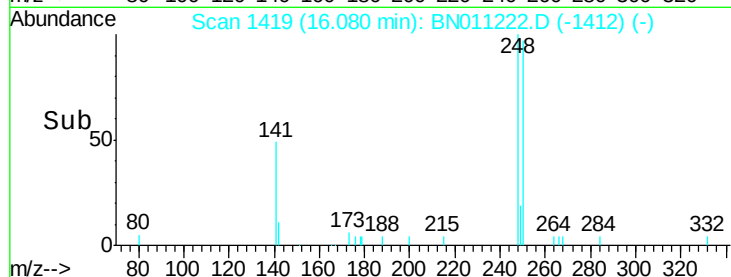
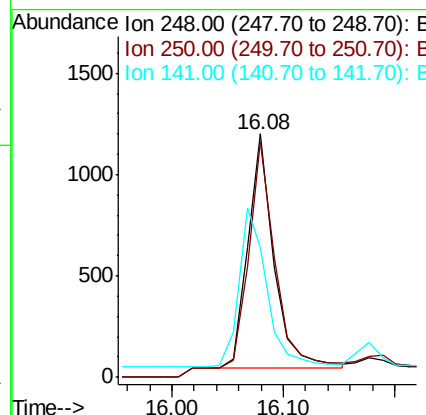
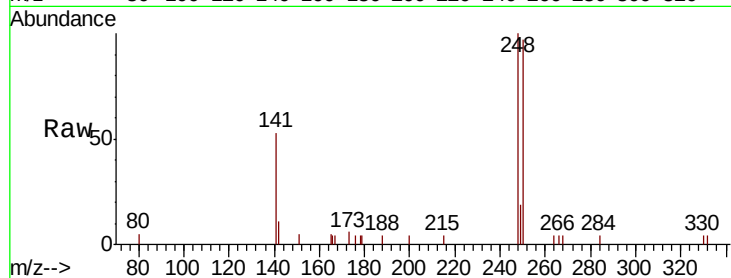




#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BN011222.D
Acq: 21 Jul 2020 17:07

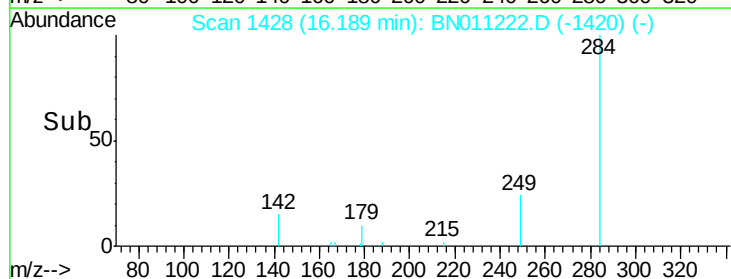
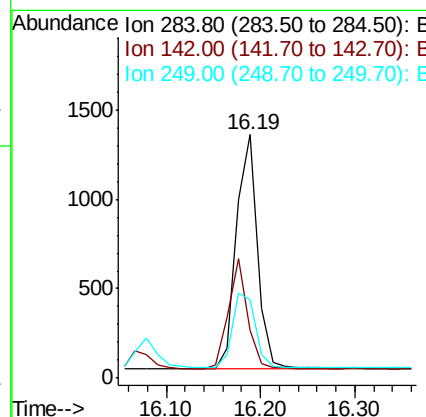
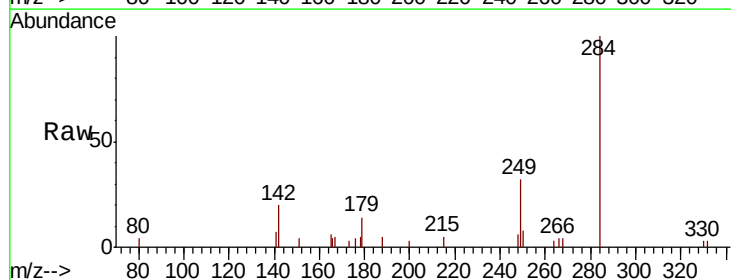
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

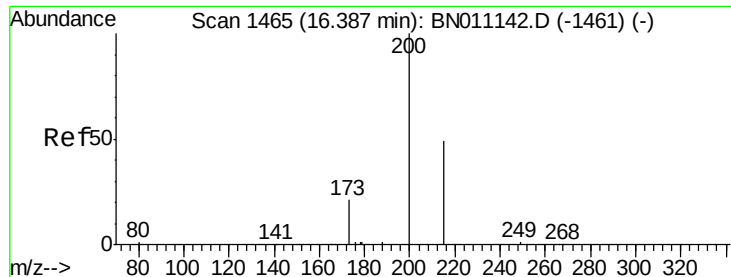
Tot Ion:248 Resp: 1885
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 53.1 45.1 67.7



#22
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.19 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN011222.D
Acq: 21 Jul 2020 17:07

Tgt Ion:284 Resp: 2057
Ion Ratio Lower Upper
284 100
142 42.4 32.6 48.8
249 34.6 28.4 42.6





#23

Atrazine

Concen: 0.383 ng

RT: 16.36 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

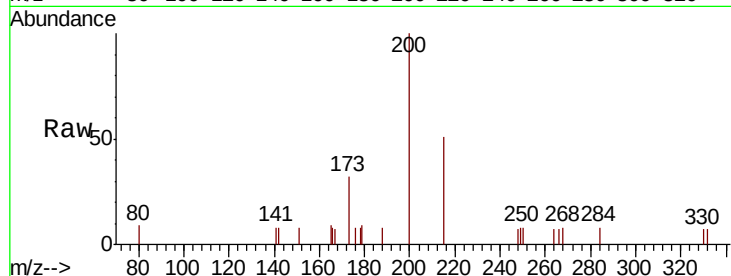
Tot Ion:200 Resp: 1393

Ion Ratio Lower Upper

200 100

173 31.9 23.0 34.4

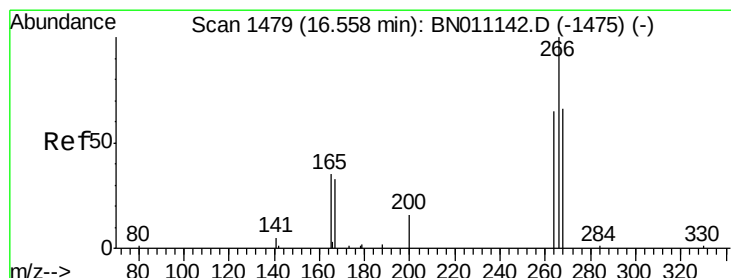
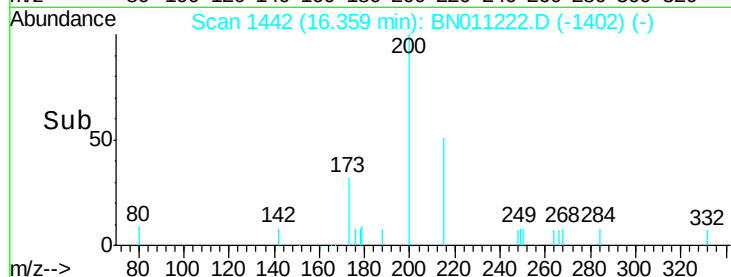
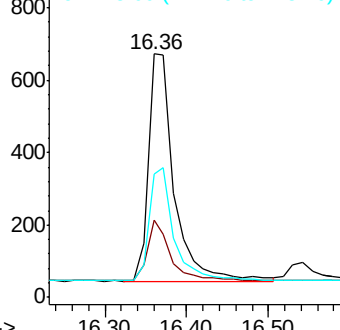
215 50.5 42.6 63.8



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: 0.346 ng

RT: 16.54 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

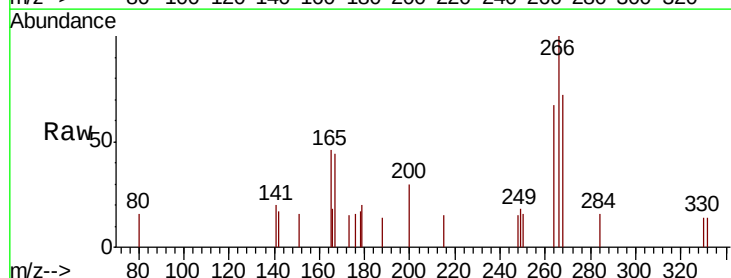
Tgt Ion:266 Resp: 620

Ion Ratio Lower Upper

266 100

264 61.0 52.5 78.7

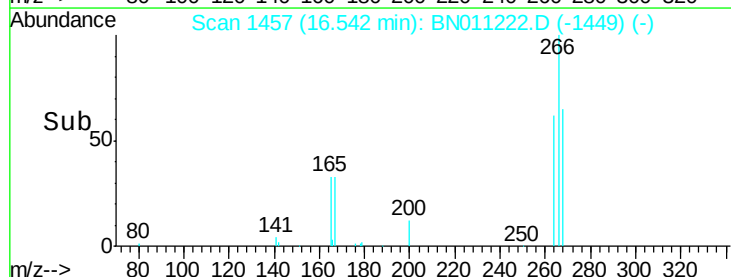
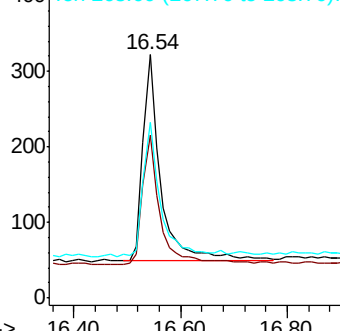
268 62.3 48.9 73.3

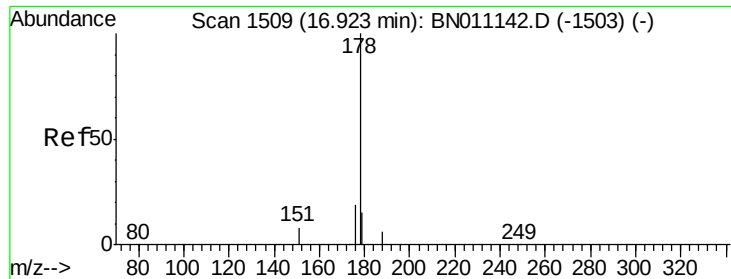


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.369 ng

RT: 16.91 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

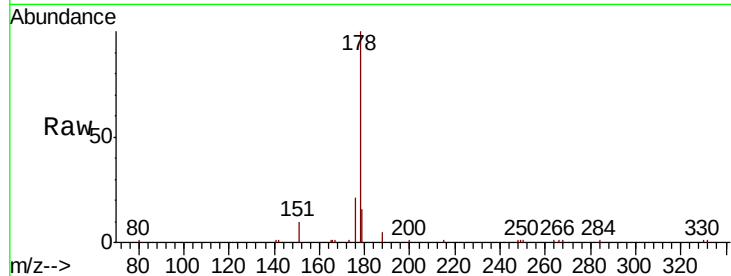
Tot Ion:178 Resp: 9061

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

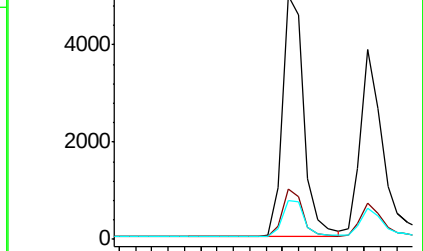
179 15.5 12.6 18.8



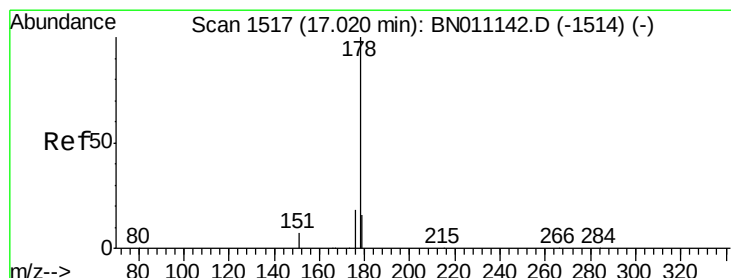
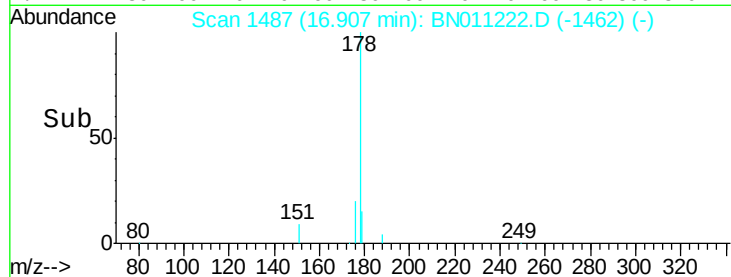
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.70 16.80 16.90 17.00



#26

Anthracene

Concen: 0.356 ng

RT: 17.00 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

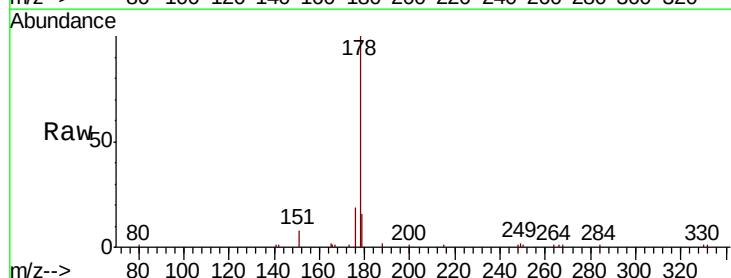
Tgt Ion:178 Resp: 7258

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

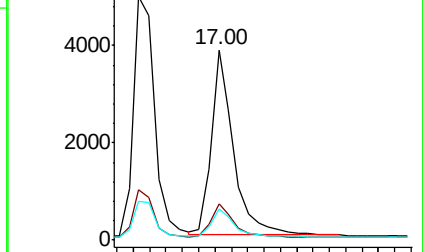
179 15.3 12.0 18.0



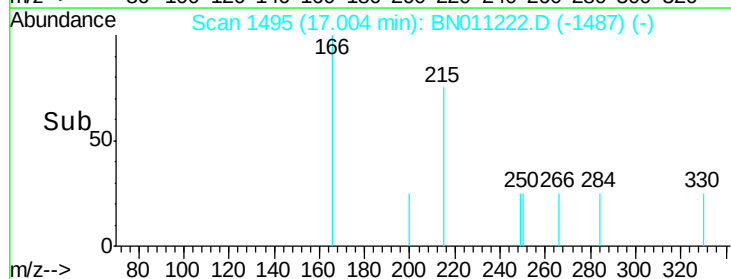
Abundance Ion 178.00 (177.70 to 178.70): E

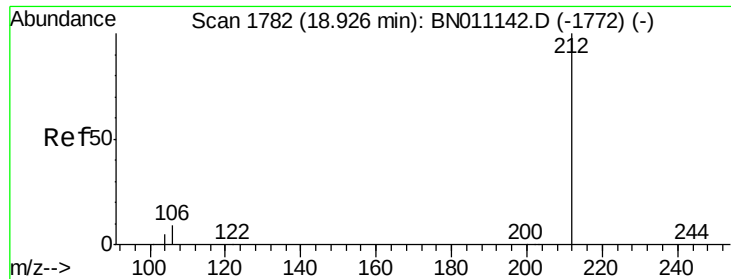
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.90 17.00 17.10 17.20

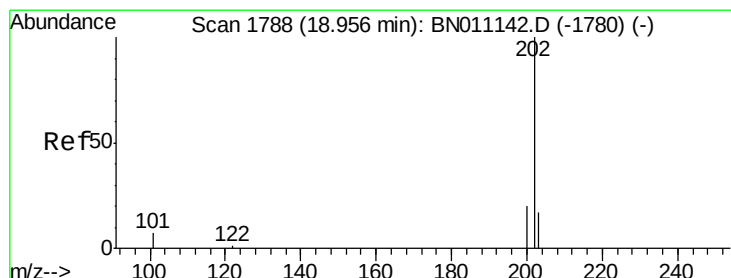
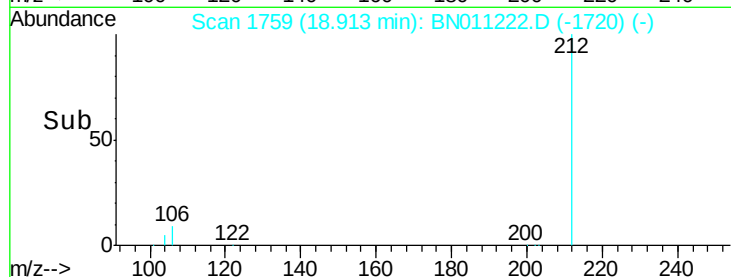
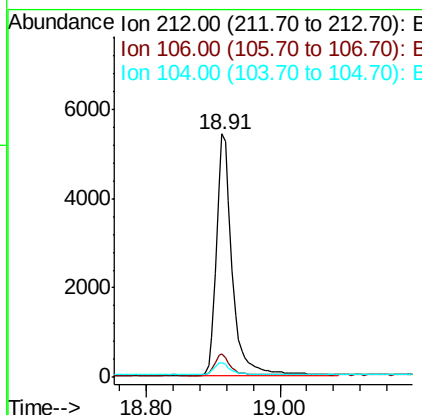
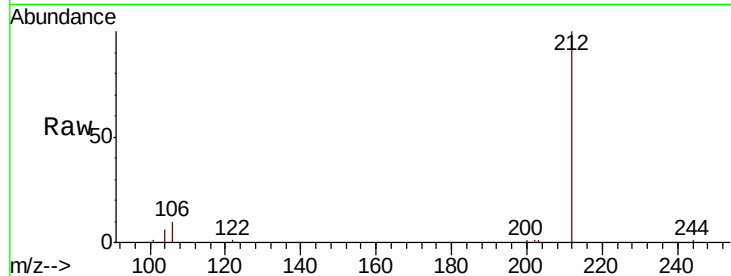




#27
 Fluoranthene-d10
 Concen: 0.367 ng
 RT: 18.91 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BN011222.D
 Acq: 21 Jul 2020 17:07

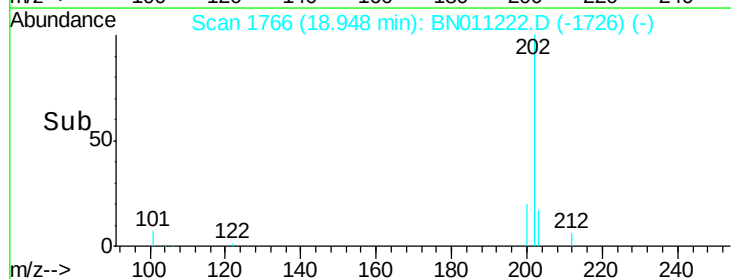
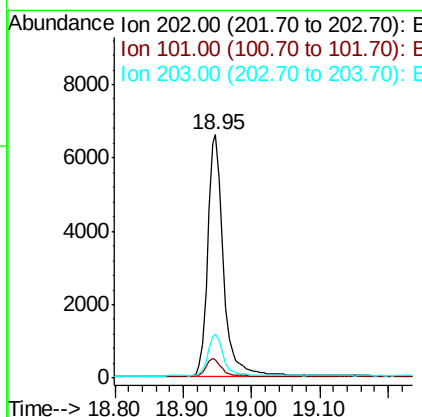
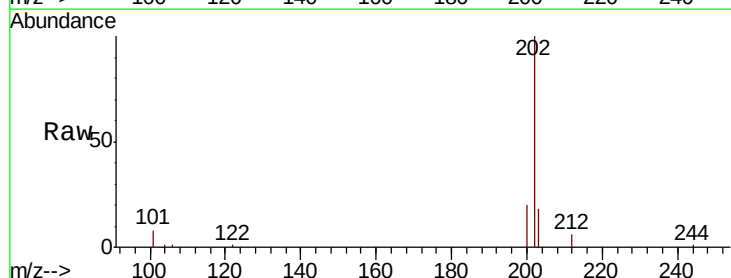
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

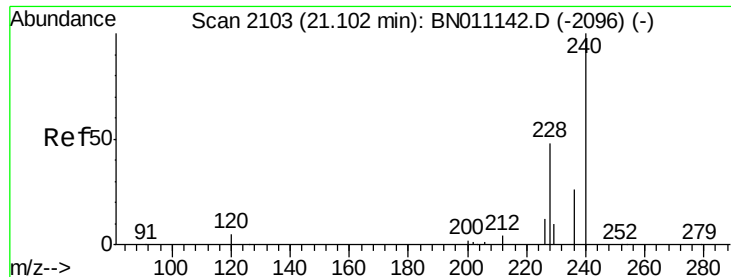
Tot Ion:212 Resp: 8837
 Ion Ratio Lower Upper
 212 100
 106 8.6 7.0 10.6
 104 5.2 4.2 6.4



#28
 Fluoranthene
 Concen: 0.361 ng
 RT: 18.95 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BN011222.D
 Acq: 21 Jul 2020 17:07

Tgt Ion:202 Resp: 10616
 Ion Ratio Lower Upper
 202 100
 101 7.6 5.9 8.9
 203 16.9 13.6 20.4

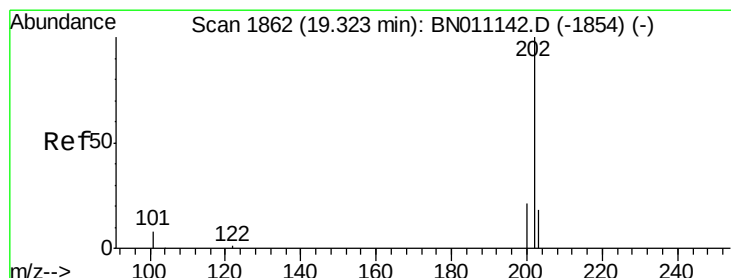
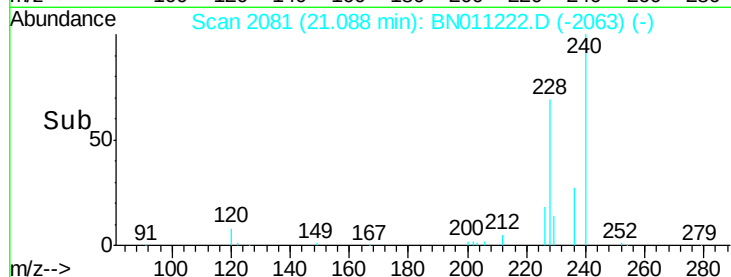
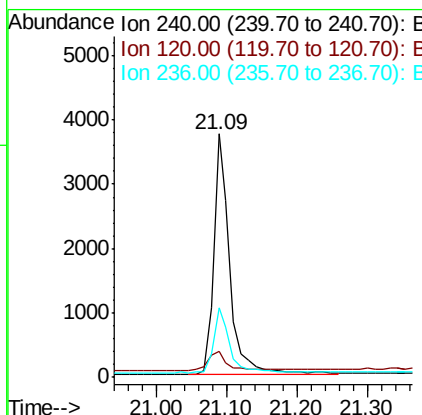
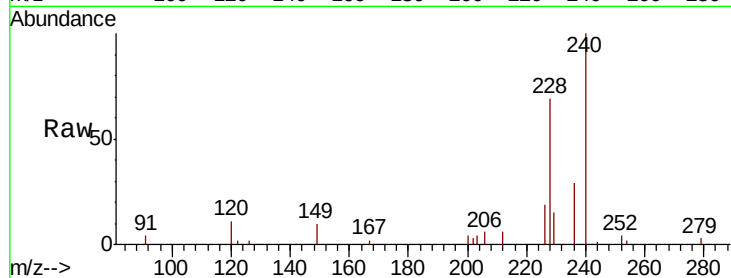




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.09 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BN011222.D
Acq: 21 Jul 2020 17:07

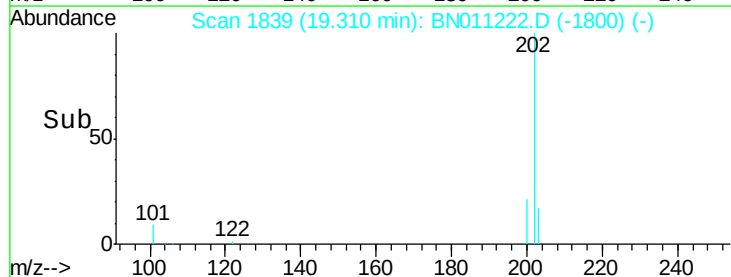
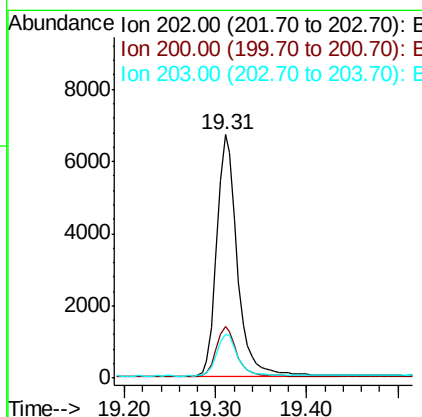
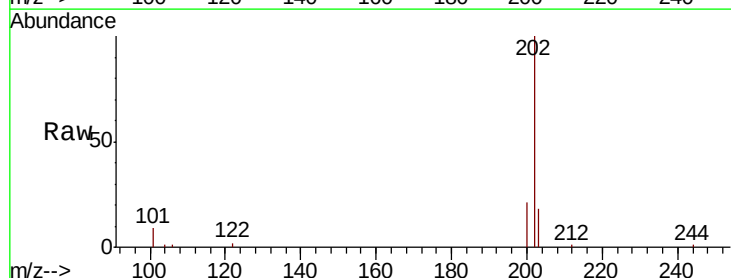
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

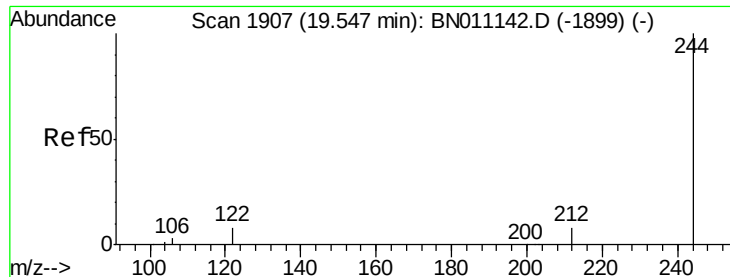
Tot Ion:240 Resp: 5996
Ion Ratio Lower Upper
240 100
120 10.8 6.5 9.7#
236 28.8 21.9 32.9



#30
Pyrene
Concen: 0.453 ng
RT: 19.31 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BN011222.D
Acq: 21 Jul 2020 17:07

Tgt Ion:202 Resp: 10378
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 17.5 14.2 21.4





#31

Terphenyl-d14

Concen: 0.455 ng

RT: 19.54 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

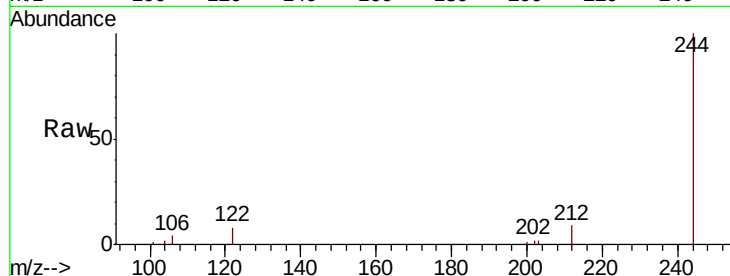
Tot Ion:244 Resp: 7101

Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

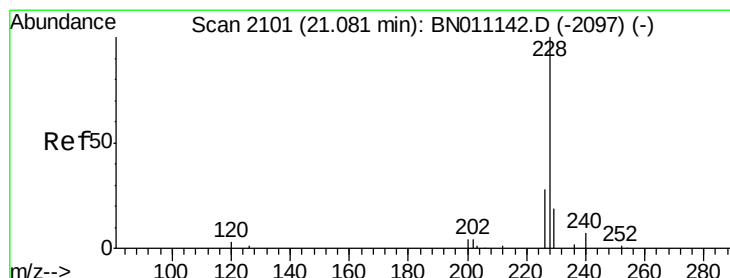
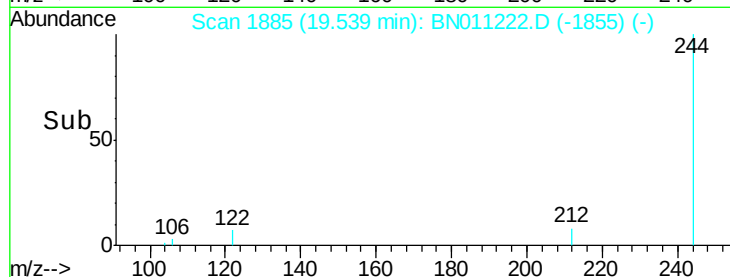
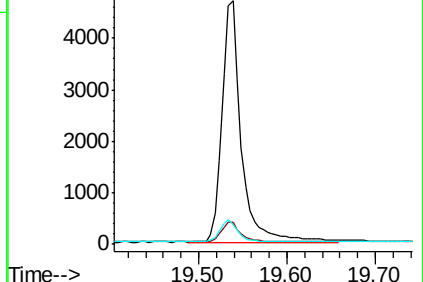
122 8.2 7.4 11.0



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: 0.370 ng

RT: 21.08 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

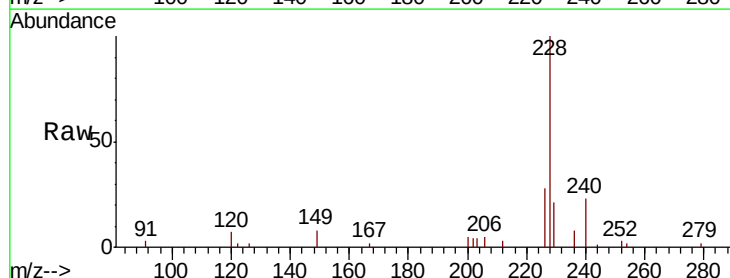
Tgt Ion:228 Resp: 7178

Ion Ratio Lower Upper

228 100

226 27.7 23.2 34.8

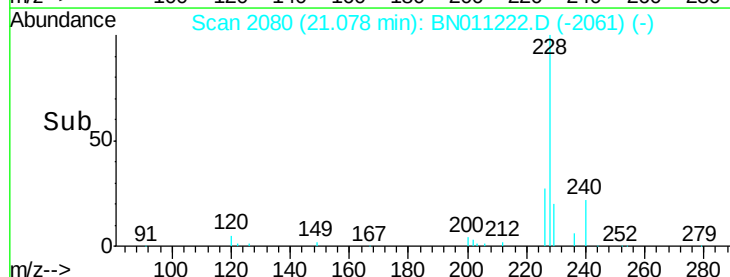
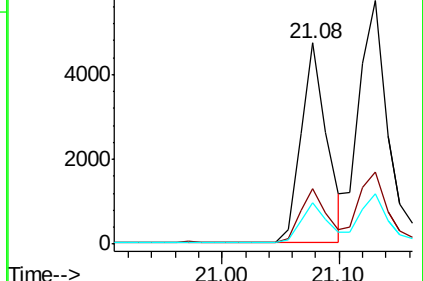
229 20.6 16.2 24.4

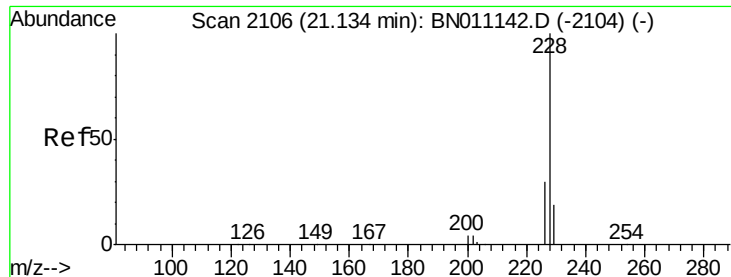


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.407 ng

RT: 21.13 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

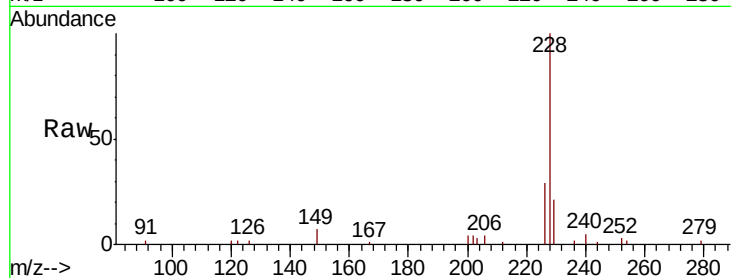
Tot Ion:228 Resp: 9656

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

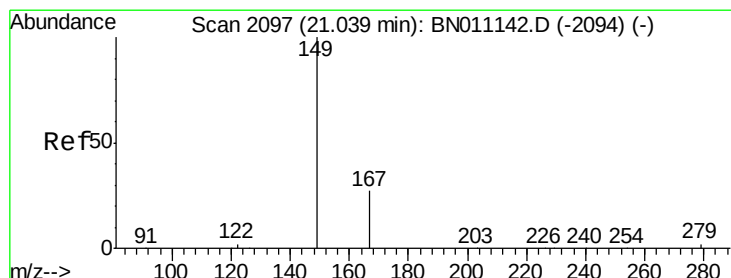
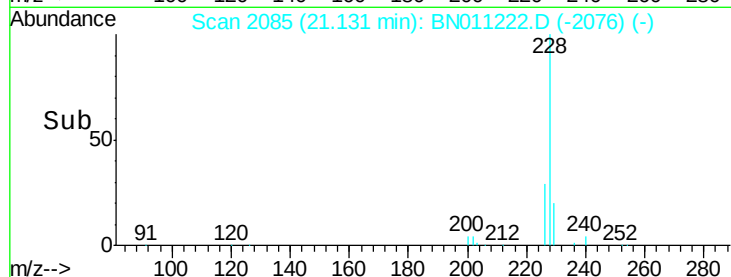
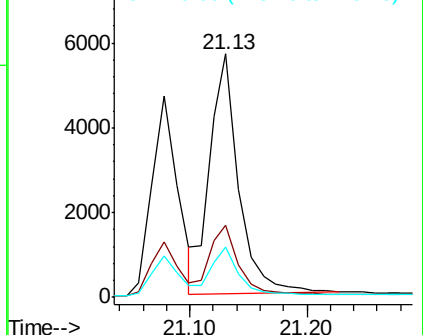
229 20.5 16.2 24.4



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: 0.477 ng

RT: 21.04 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

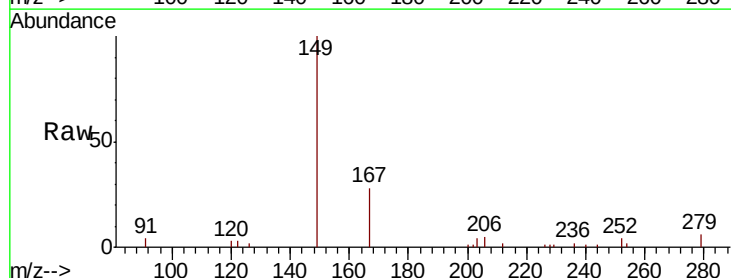
Tgt Ion:149 Resp: 3819

Ion Ratio Lower Upper

149 100

167 27.8 23.4 35.0

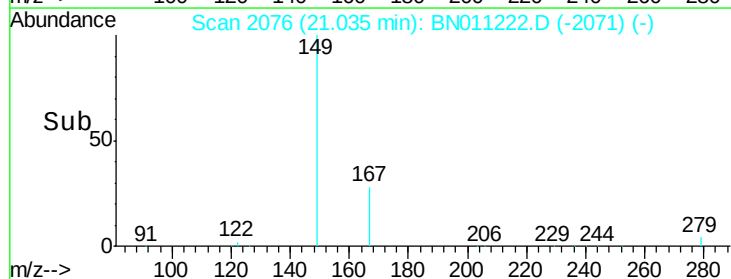
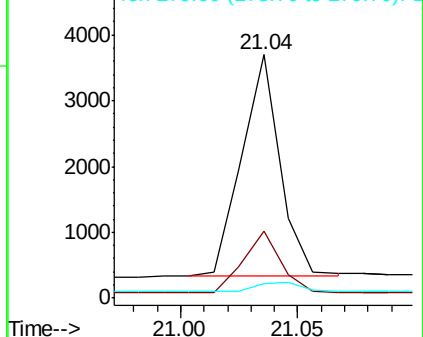
279 4.8 4.5 6.7

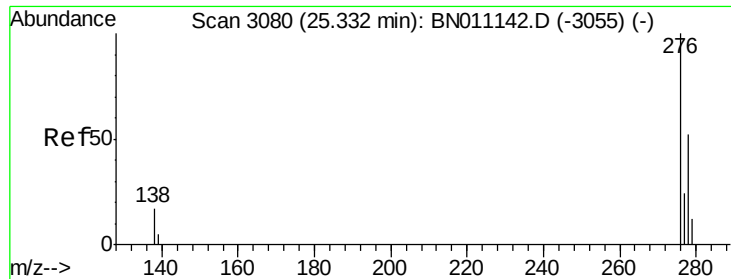


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

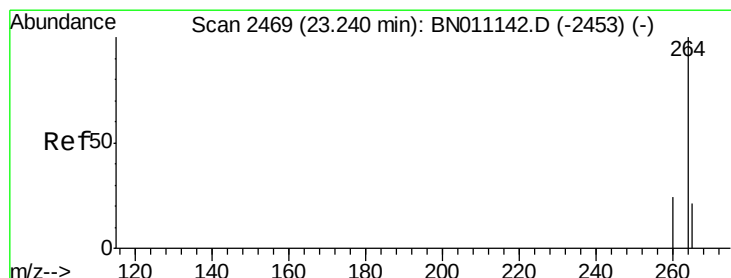
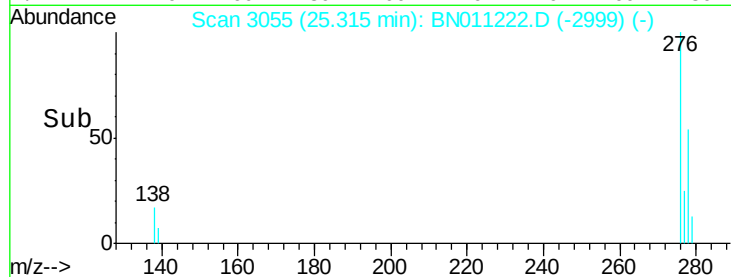
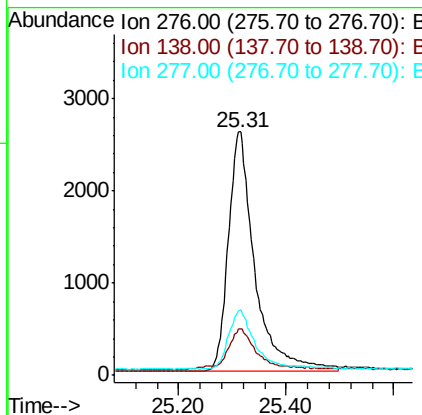
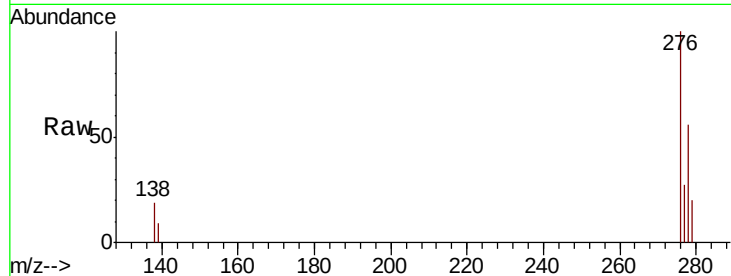




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.352 ng
 RT: 25.31 min Scan# 3055
 Delta R.T. -0.01 min
 Lab File: BN011222.D
 Acq: 21 Jul 2020 17:07

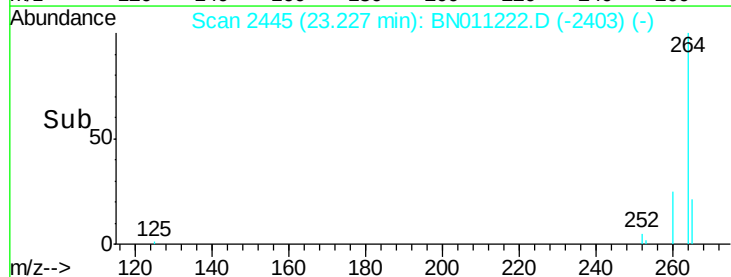
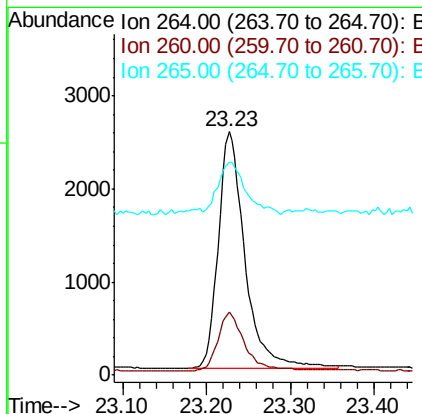
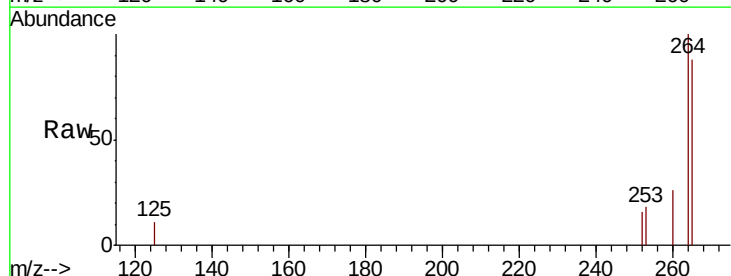
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

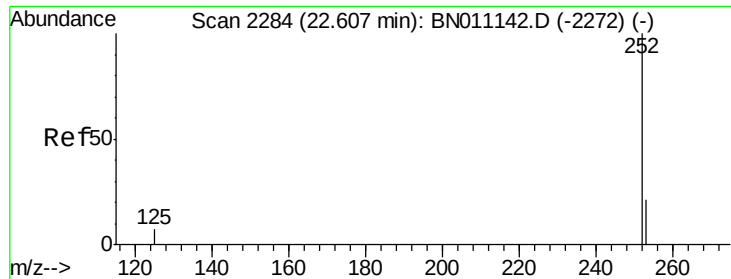
Tot Ion:276 Resp: 8856
 Ion Ratio Lower Upper
 276 100
 138 15.7 13.0 19.6
 277 24.1 19.7 29.5



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.23 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BN011222.D
 Acq: 21 Jul 2020 17:07

Tgt Ion:264 Resp: 5645
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.1 30.1
 265 87.6 76.6 115.0

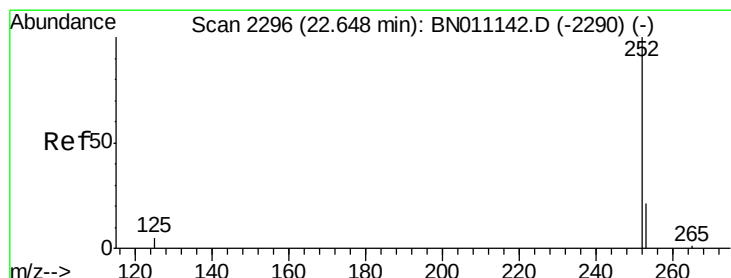
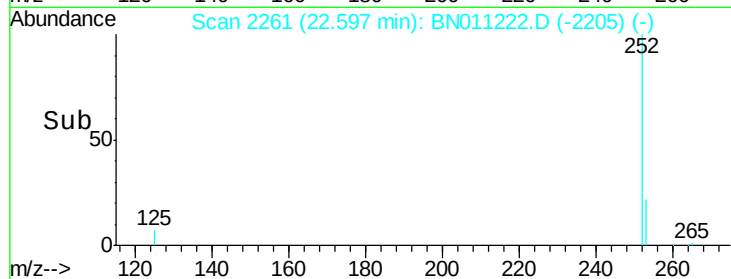
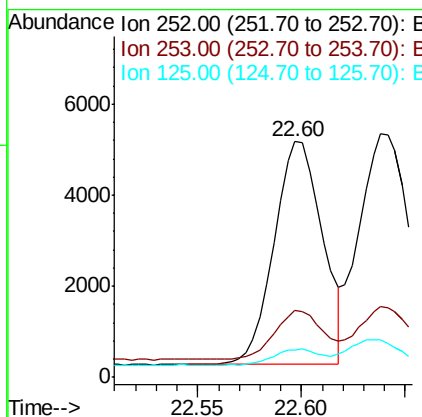
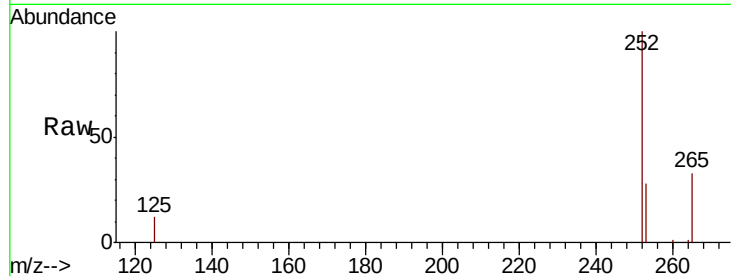




#37
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 22.60 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BN011222.D
Acq: 21 Jul 2020 17:07

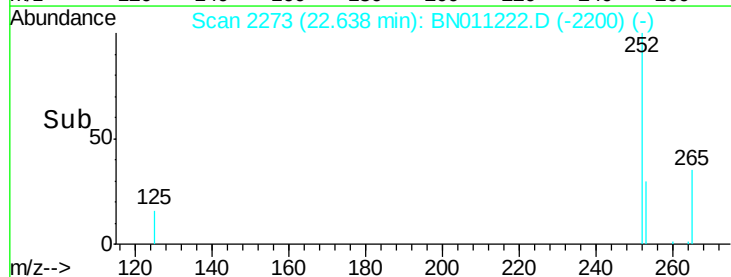
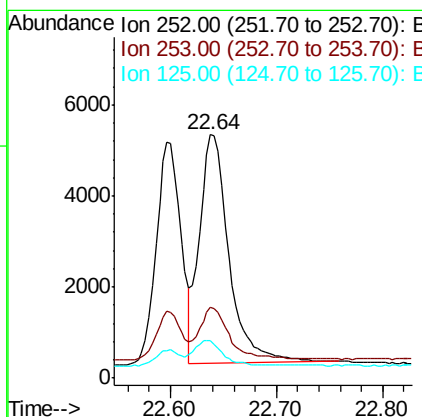
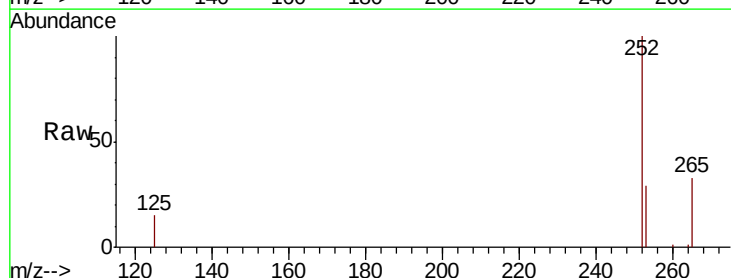
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

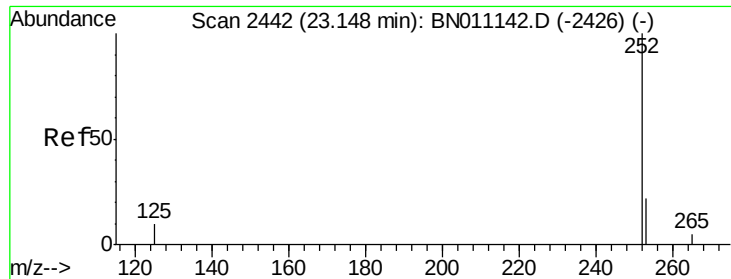
Tot Ion:252 Resp: 7913
Ion Ratio Lower Upper
252 100
253 28.2 22.6 34.0
125 11.7 9.6 14.4



#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BN011222.D
Acq: 21 Jul 2020 17:07

Tgt Ion:252 Resp: 9747
Ion Ratio Lower Upper
252 100
253 28.9 22.2 33.4
125 15.2 11.0 16.4





#39

Benzo(a)pyrene

Concen: 0.341 ng

RT: 23.14 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

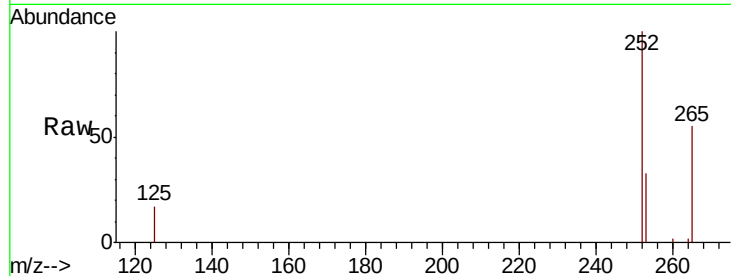
Tot Ion:252 Resp: 6970

Ion Ratio Lower Upper

252 100

253 33.0 25.8 38.6

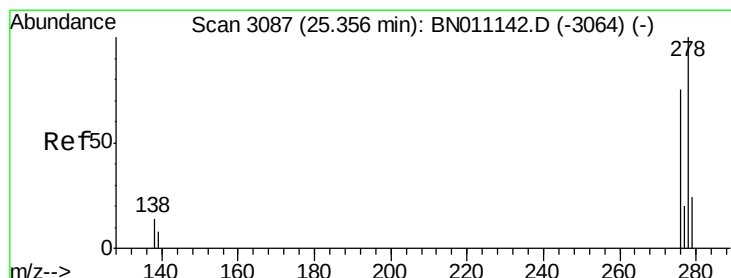
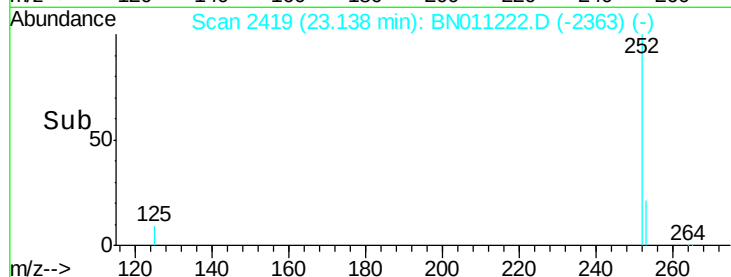
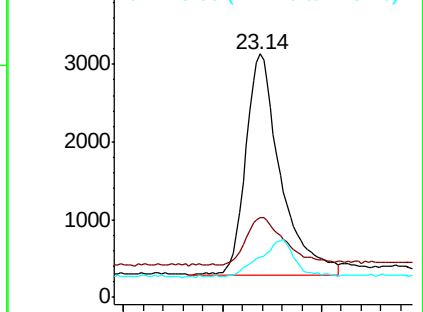
125 16.6 13.4 20.0



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: 0.310 ng

RT: 25.33 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BN011222.D

Acq: 21 Jul 2020 17:07

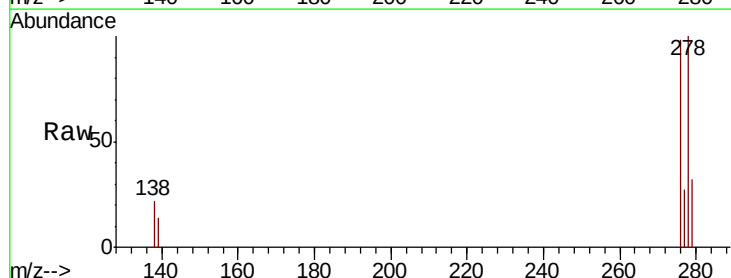
Tgt Ion:278 Resp: 6702

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

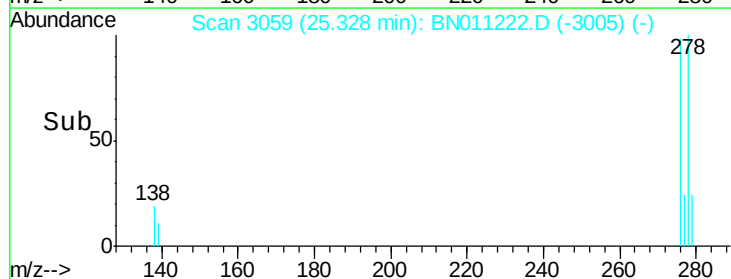
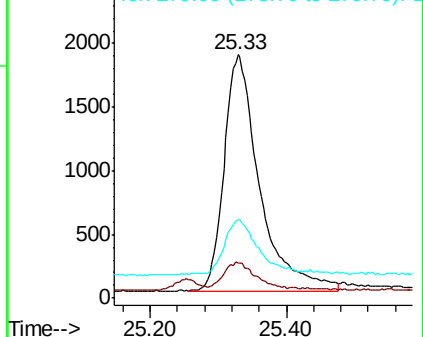
279 32.0 25.0 37.6

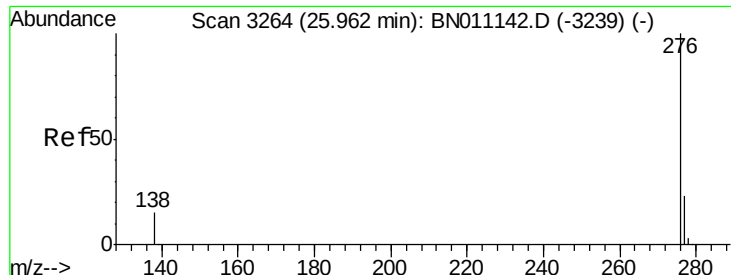


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.323 ng

RT: 25.94 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BN011222.D

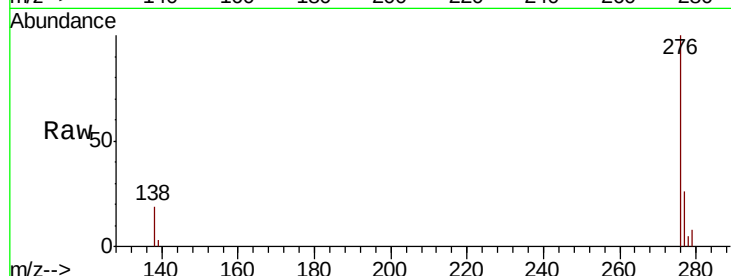
Acq: 21 Jul 2020 17:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



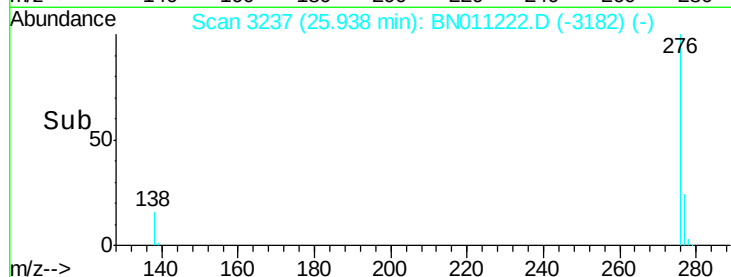
Tot Ion: 276 Resp: 7678

Ion Ratio Lower Upper

276 100

277 26.0 20.5 30.7

138 18.5 13.8 20.6



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

