

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011224.D
 Acq On : 22 Jul 2020 18:57
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 23 03:55:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1443	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5255	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3247	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	7318	0.40	ng	0.00
29) Chrysene-d12	21.09	240	5774	0.40	ng	-0.01
36) Perylene-d12	23.22	264	5304	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1303	0.37	ng	0.00
5) Phenol-d6	6.69	99	1694	0.42	ng	0.00
8) Nitrobenzene-d5	8.64	82	1729	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	3708	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	544	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5386	0.35	ng	0.00
27) Fluoranthene-d10	18.91	212	8629	0.37	ng	0.00
31) Terphenyl-d14	19.53	244	6712	0.45	ng	0.00

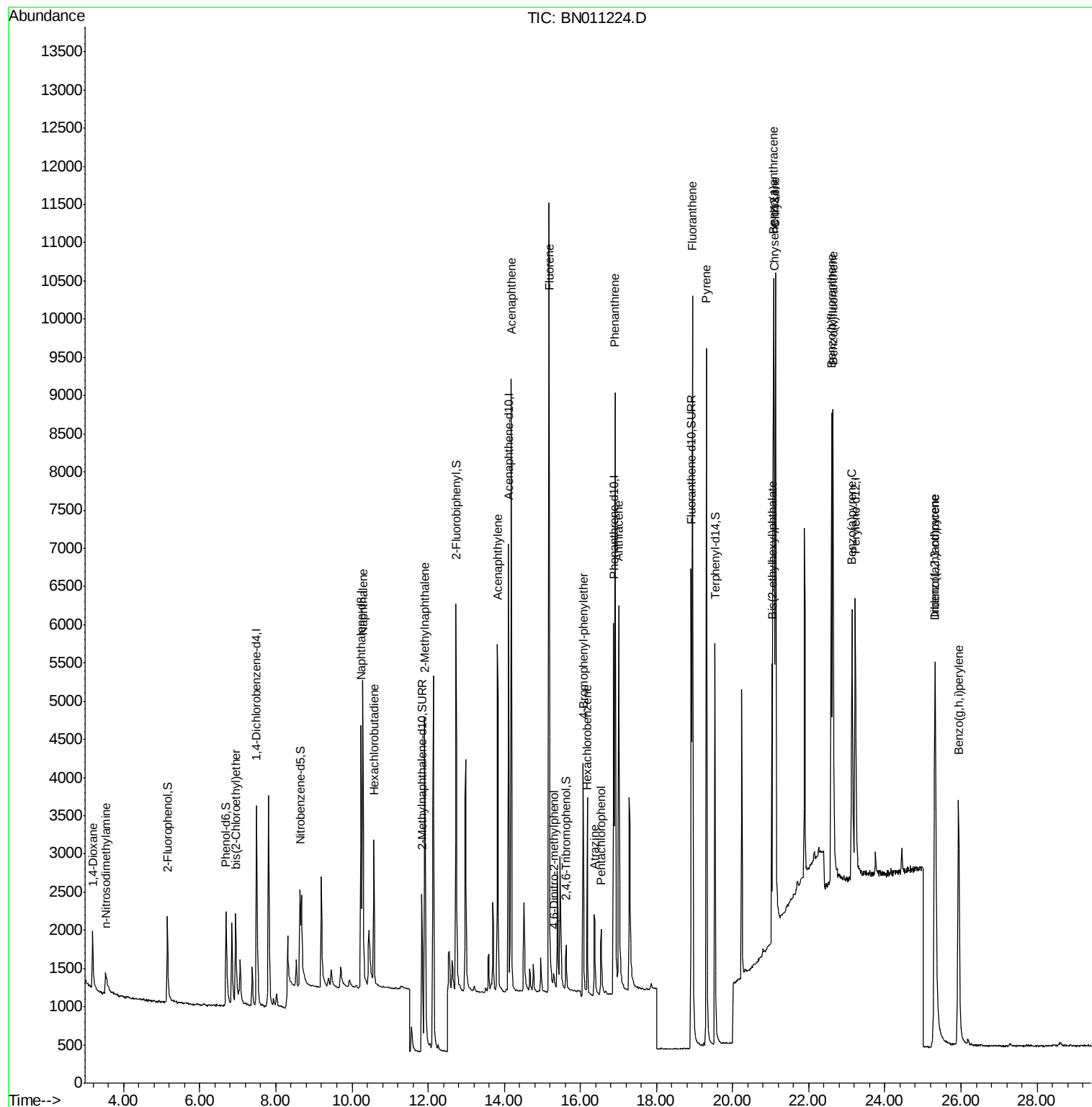
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	711	0.345	ng	94
3) n-Nitrosodimethylamine	3.53	42	379	0.365	ng	# 90
6) bis(2-Chloroethyl)ether	6.94	93	1358	0.369	ng	98
9) Naphthalene	10.29	128	5896	0.377	ng	99
10) Hexachlorobutadiene	10.58	225	1465	0.378	ng	# 99
12) 2-Methylnaphthalene	11.91	142	3993	0.406	ng	98
16) Acenaphthylene	13.82	152	5948	0.360	ng	100
17) Acenaphthene	14.18	154	4027	0.365	ng	97
18) Fluorene	15.18	166	5316	0.376	ng	99
20) 4,6-Dinitro-2-methylphenol	15.30	198	329	0.374	ng	96
21) 4-Bromophenyl-phenylether	16.08	248	1797	0.361	ng	98
22) Hexachlorobenzene	16.19	284	1969	0.340	ng	96
23) Atrazine	16.36	200	1354	0.388	ng	95
24) Pentachlorophenol	16.54	266	604	0.352	ng	92
25) Phenanthrene	16.91	178	8794	0.374	ng	99
26) Anthracene	17.00	178	7035	0.360	ng	100
28) Fluoranthene	18.94	202	10209	0.362	ng	99
30) Pyrene	19.31	202	10111	0.459	ng	100
32) Benzo(a)anthracene	21.08	228	7015	0.375	ng	97
33) Chrysene	21.12	228	9134	0.399	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	3712	0.482	ng	97
35) Indeno(1,2,3-cd)pyrene	25.31	276	8413	0.347	ng	100
37) Benzo(b)fluoranthene	22.60	252	7612	0.357	ng	99
38) Benzo(k)fluoranthene	22.64	252	9389	0.390	ng	98
39) Benzo(a)pyrene	23.13	252	6668	0.348	ng	98
40) Dibenzo(a,h)anthracene	25.33	278	6354	0.313	ng	99
41) Benzo(g,h,i)perylene	25.94	276	7350	0.329	ng	99

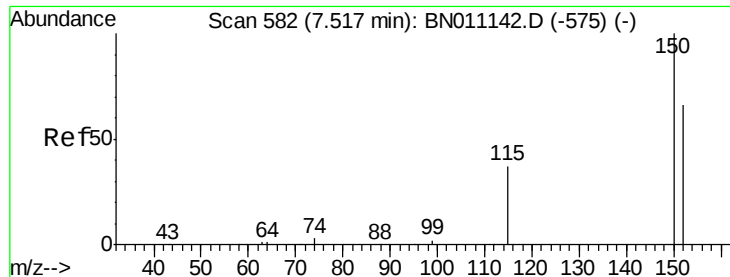
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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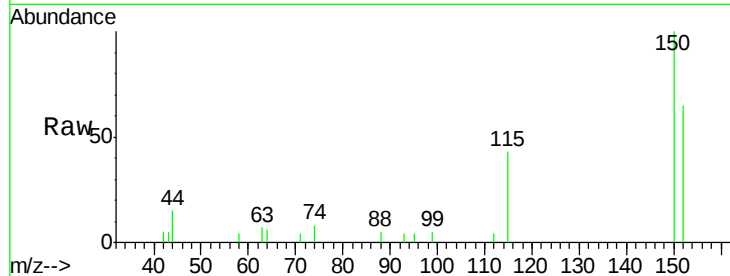


#1

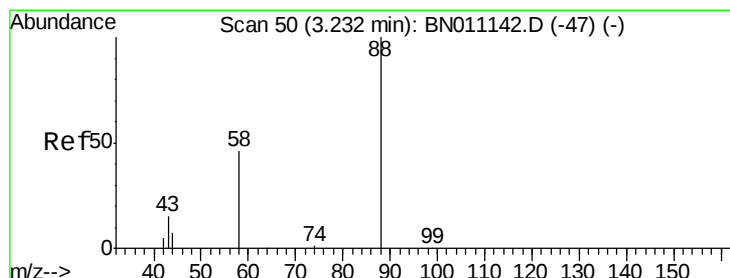
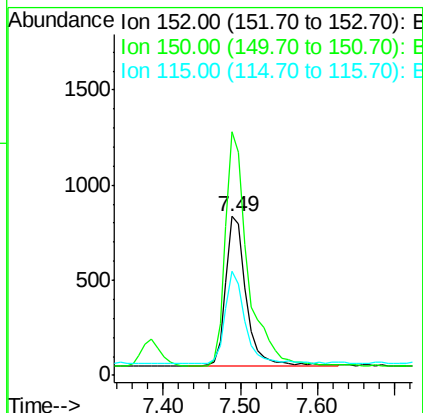
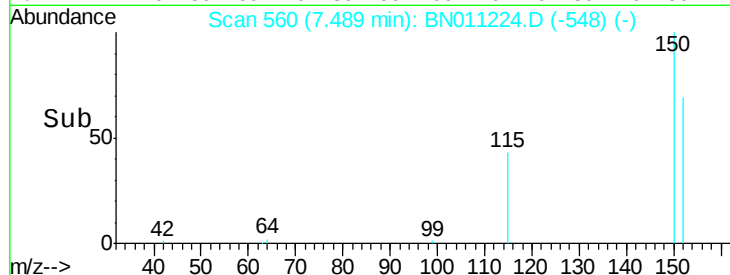
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 1443
Ion Ratio Lower Upper
152 100
150 153.5 119.4 179.0
115 65.7 48.3 72.5



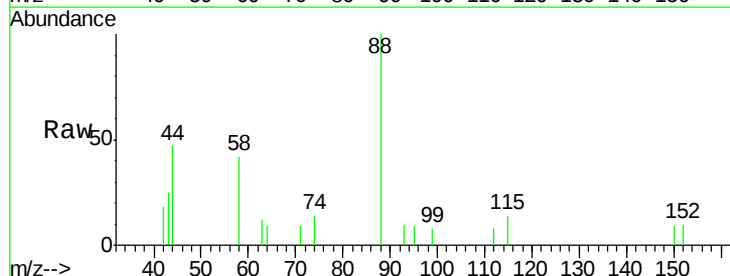
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



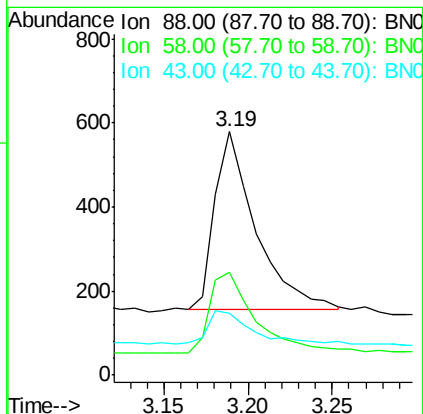
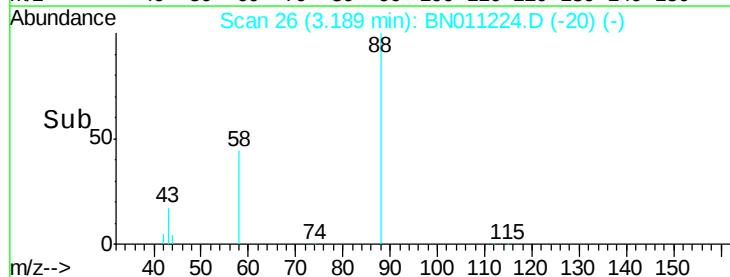
#2

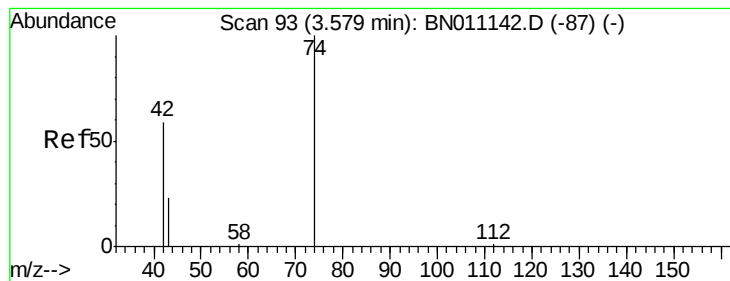
1,4-Dioxane
Concen: 0.345 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion: 88 Resp: 711
Ion Ratio Lower Upper
88 100
58 49.6 36.5 54.7
43 20.0 14.3 21.5



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



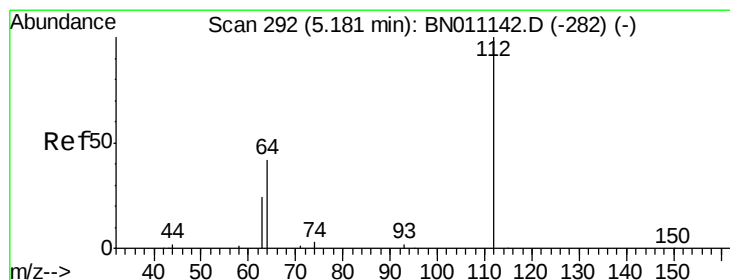
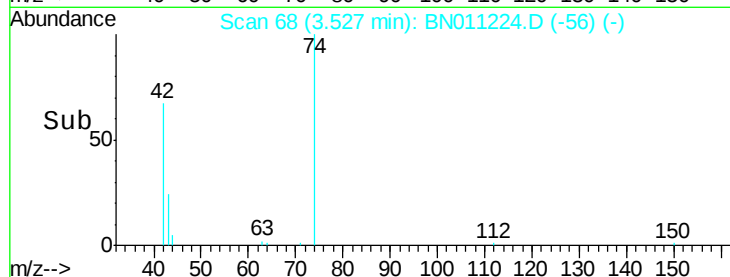
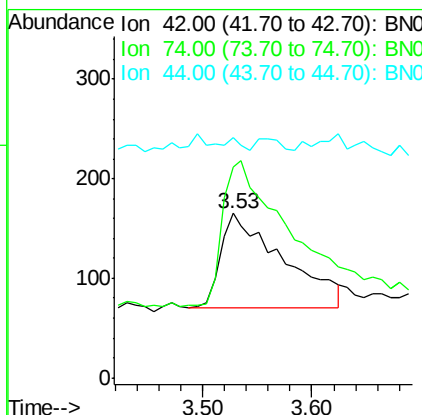
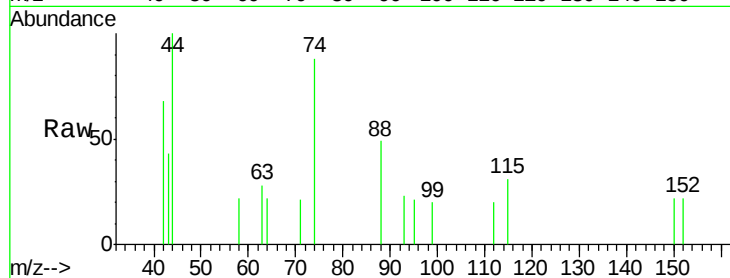


#3

n-Nitrosodimethylamine
 Concen: 0.365 ng
 RT: 3.53 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BN011224.D
 Acq: 22 Jul 2020 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

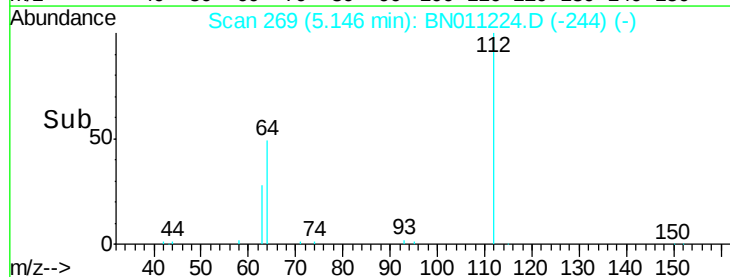
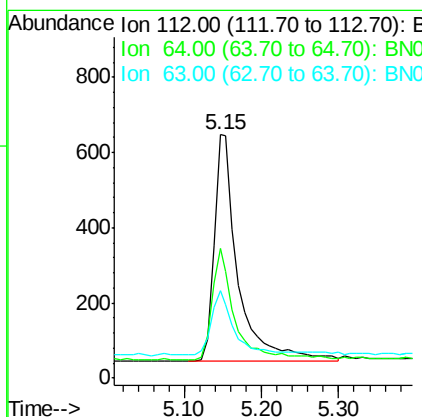
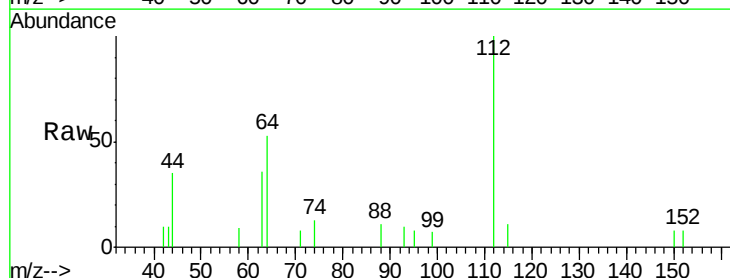
Tot Ion: 42 Resp: 379
 Ion Ratio Lower Upper
 42 100
 74 162.5 140.9 211.3
 44 2.4 7.6 11.4#

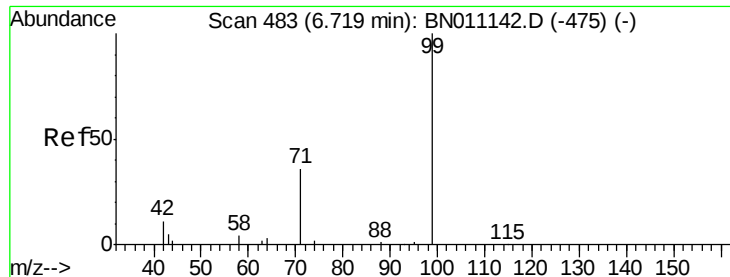


#4

2-Fluorophenol
 Concen: 0.366 ng
 RT: 5.15 min Scan# 269
 Delta R.T. 0.00 min
 Lab File: BN011224.D
 Acq: 22 Jul 2020 18:57

Tgt Ion: 112 Resp: 1303
 Ion Ratio Lower Upper
 112 100
 64 46.4 36.7 55.1
 63 25.9 20.4 30.6





#5

Phenol-d6

Concen: 0.421 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

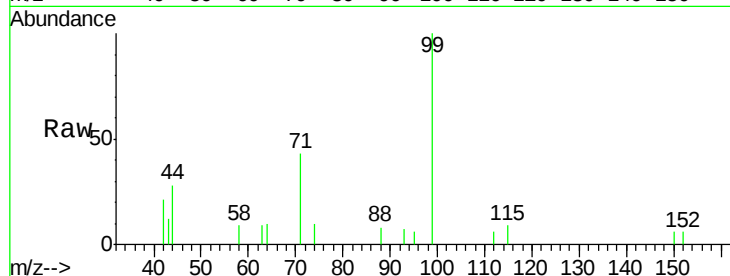
Tot Ion: 99 Resp: 1694

Ion Ratio Lower Upper

99 100

42 14.2 10.8 16.2

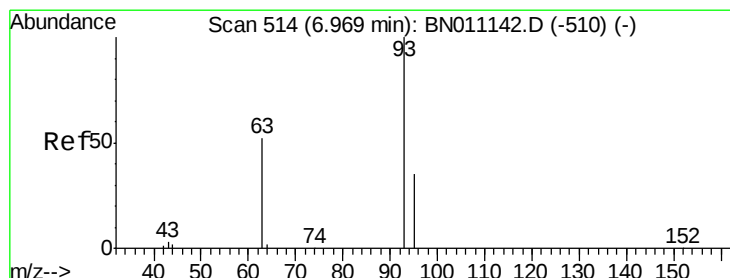
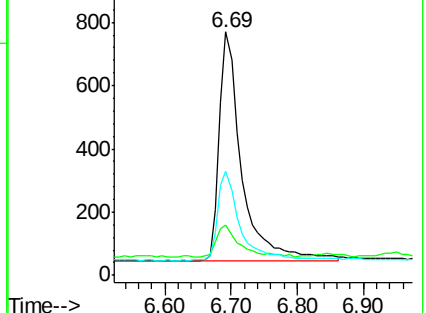
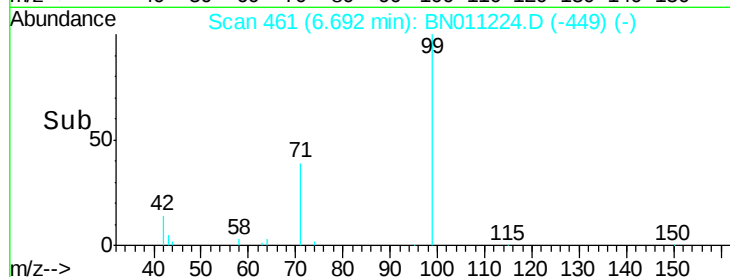
71 38.7 31.3 46.9



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

bis(2-Chloroethyl)ether

Concen: 0.369 ng

RT: 6.94 min Scan# 492

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

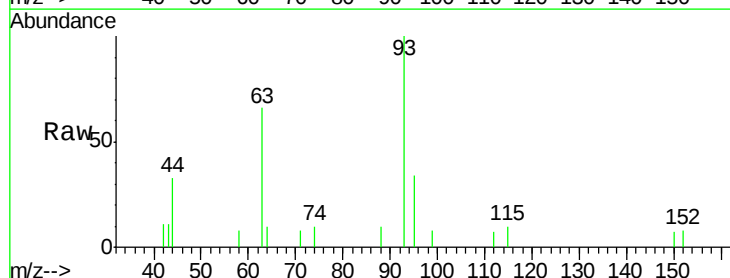
Tgt Ion: 93 Resp: 1358

Ion Ratio Lower Upper

93 100

63 59.5 47.4 71.0

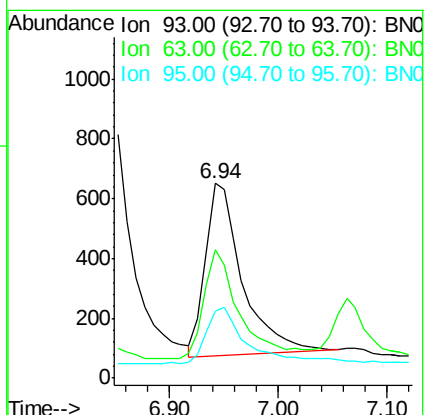
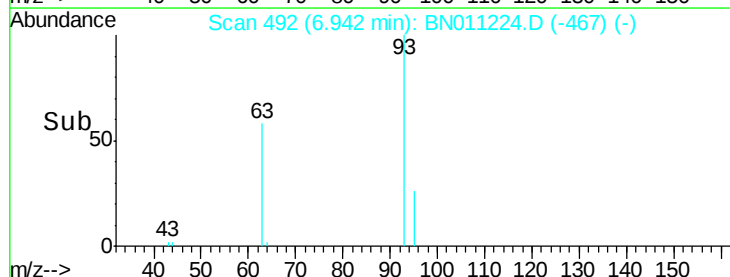
95 37.5 28.1 42.1

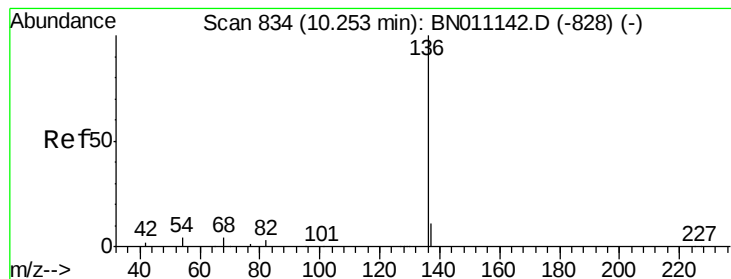


Abundance Ion 93.00 (92.70 to 93.70): BN011142.D (-510) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 5255

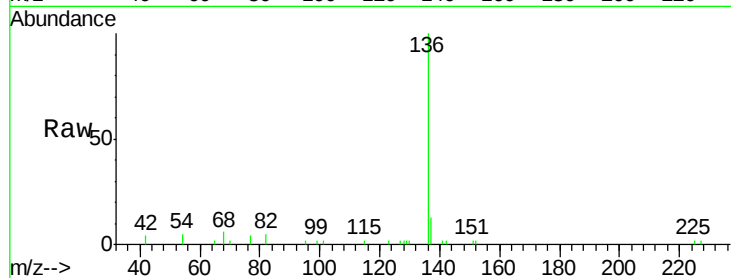
Ion Ratio Lower Upper

136 100

137 12.5 10.3 15.5

54 5.2 4.9 7.3

68 5.9 4.9 7.3

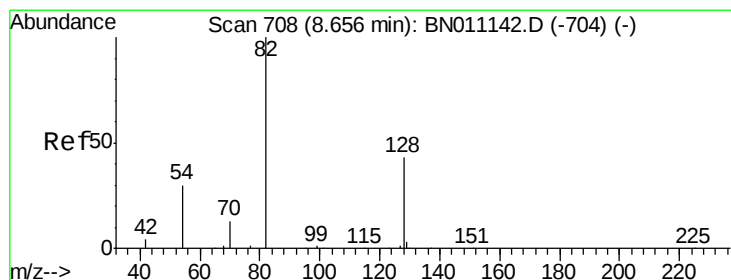
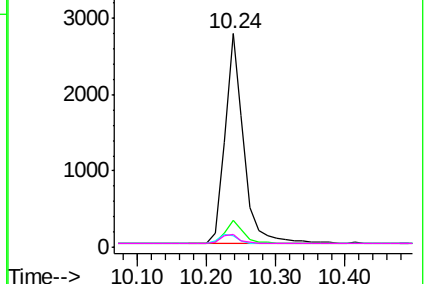
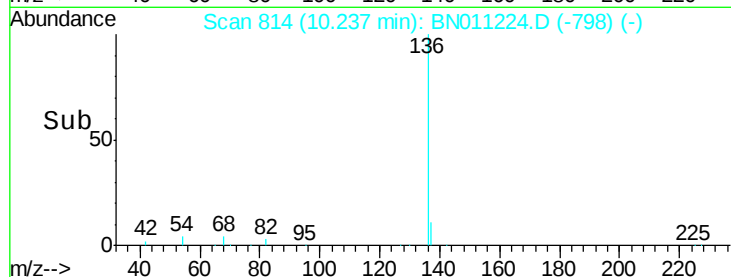


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.64 min Scan# 688

Delta R.T. 0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

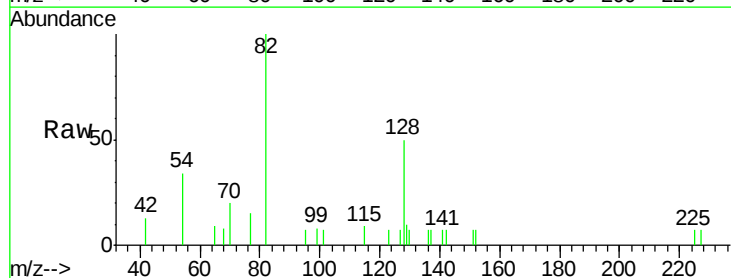
Tgt Ion: 82 Resp: 1729

Ion Ratio Lower Upper

82 100

128 49.6 38.1 57.1

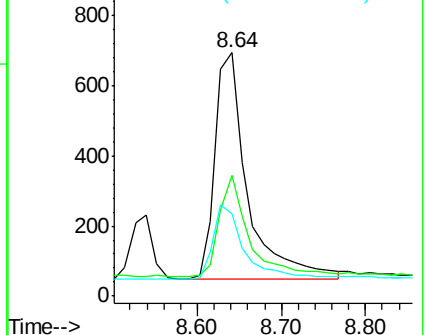
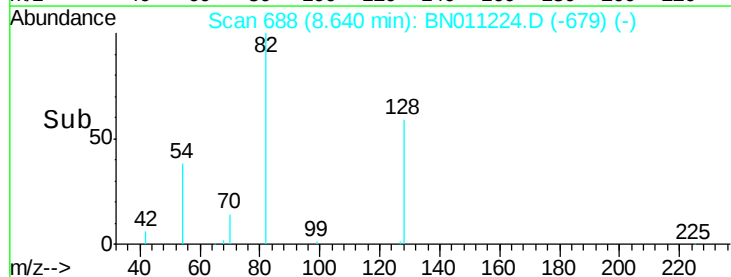
54 33.8 27.1 40.7

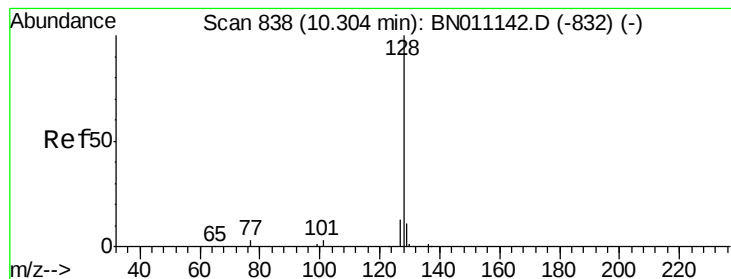


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.377 ng

RT: 10.29 min Scan# 818

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

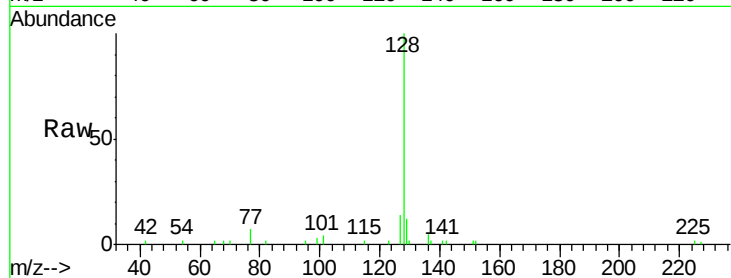
Tot Ion:128 Resp: 5896

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.6

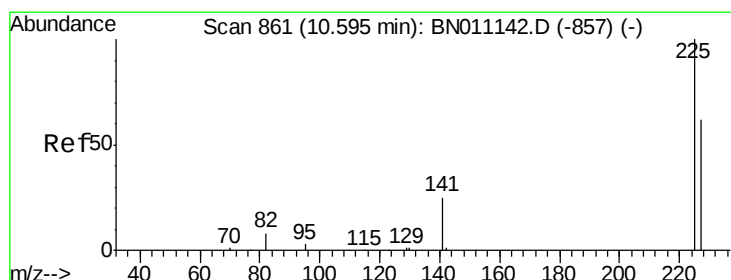
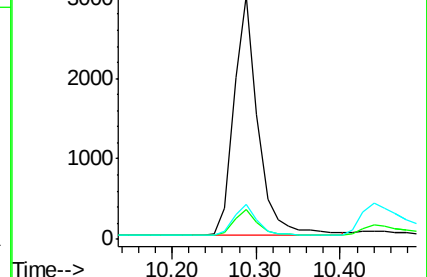
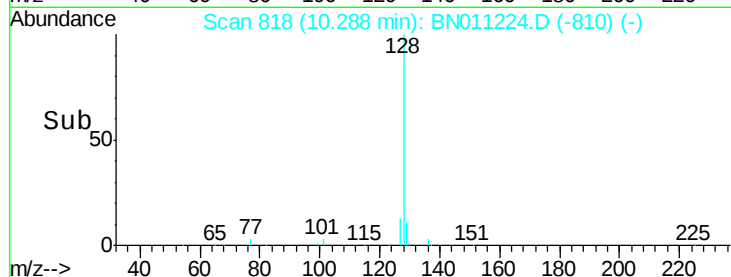
127 14.2 11.8 17.6



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: 0.378 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

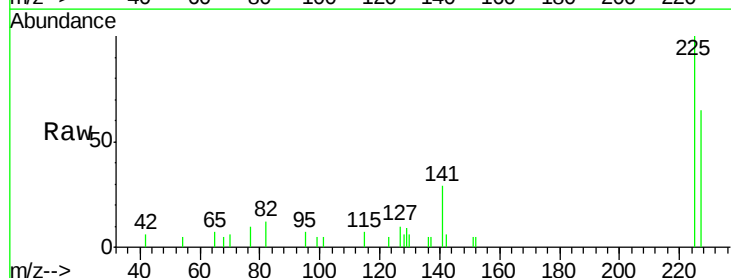
Tgt Ion:225 Resp: 1465

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

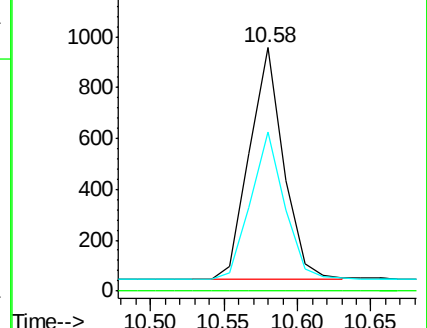
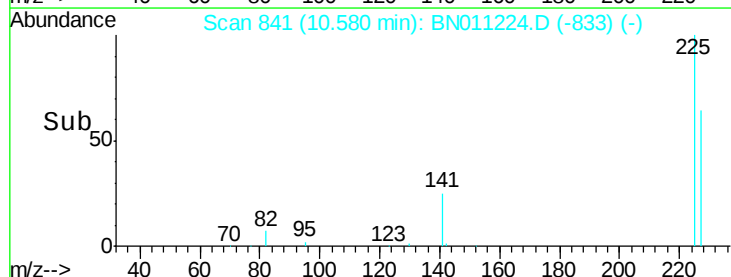
227 63.4 51.2 76.8

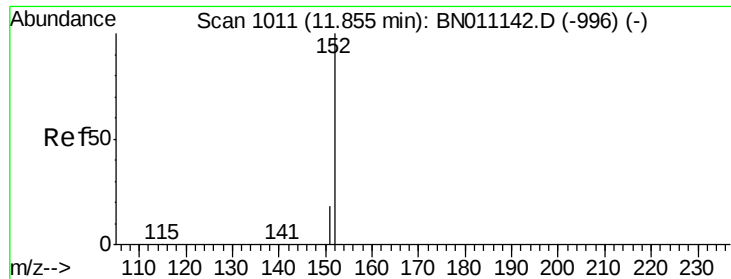


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

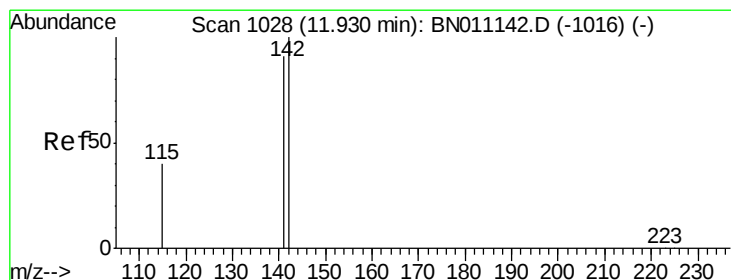
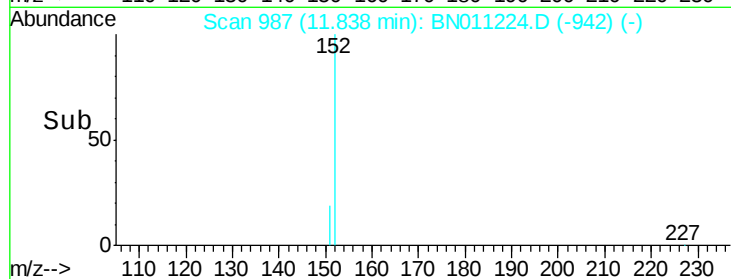
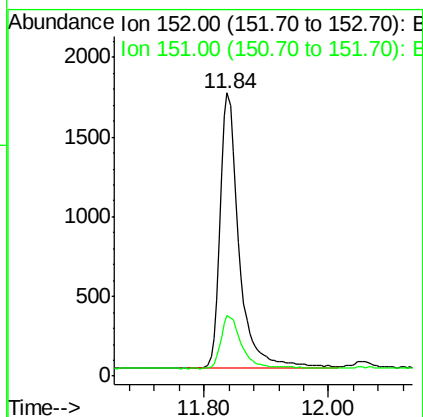
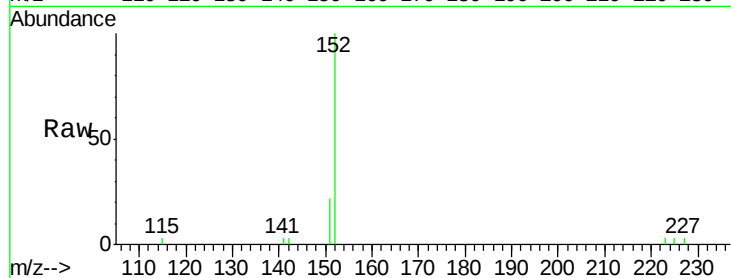




#11
2-Methylnaphthalene-d10
Concen: 0.435 ng
RT: 11.84 min Scan# 987
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

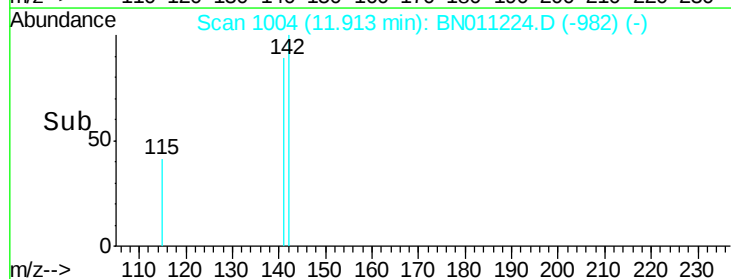
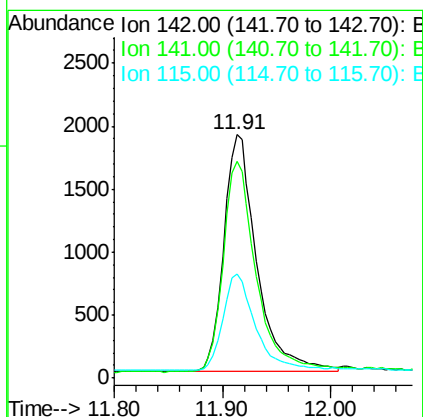
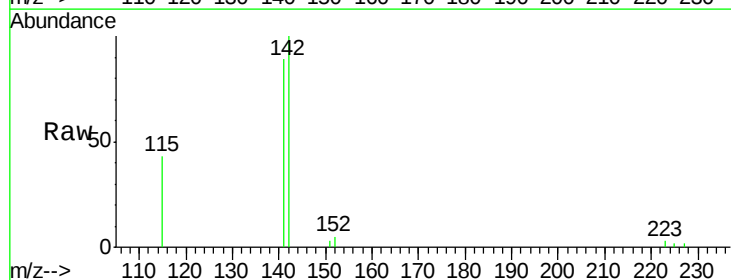
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

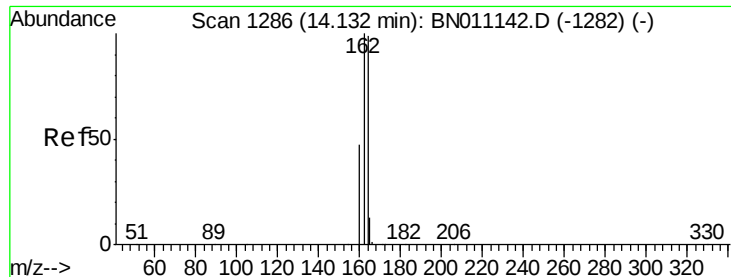
Tot Ion:152 Resp: 3708
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 11.91 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion:142 Resp: 3993
Ion Ratio Lower Upper
142 100
141 89.0 72.7 109.1
115 42.8 33.8 50.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

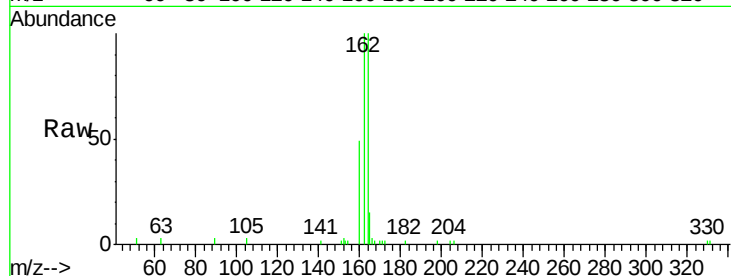
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:164 Resp: 3247

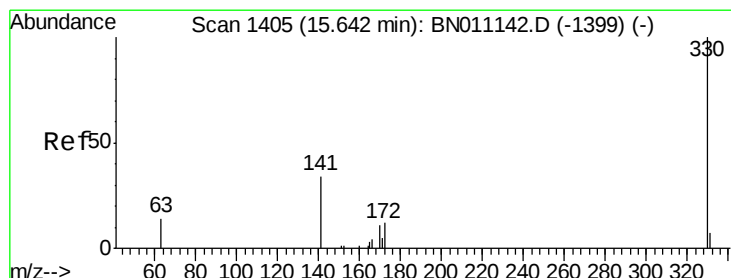
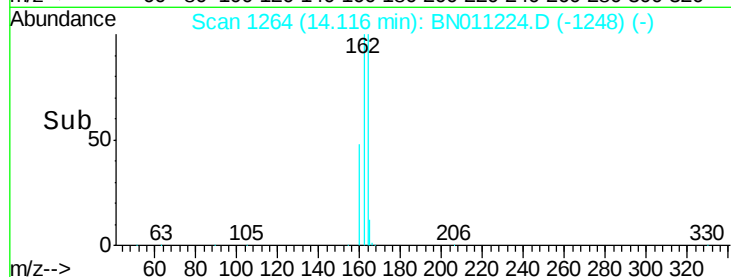
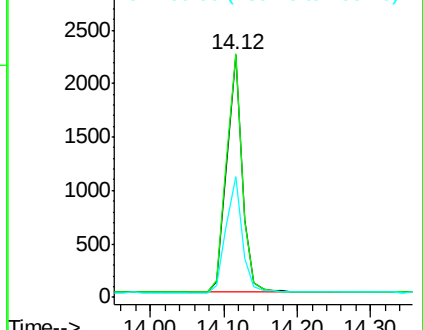
Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.0	121.4
160	49.5	39.0	58.6



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



#14

2,4,6-Tribromophenol

Concen: 0.377 ng

RT: 15.63 min Scan# 1383

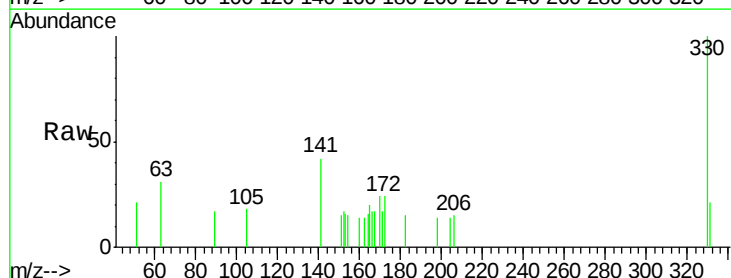
Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Tgt Ion:330 Resp: 544

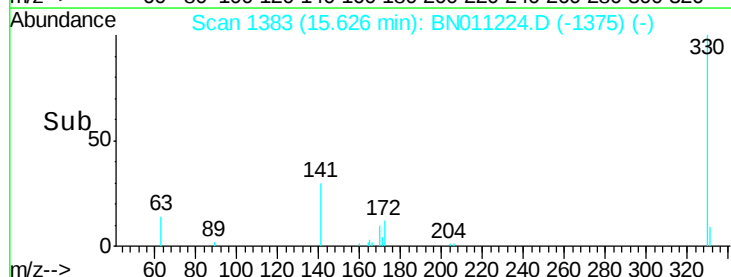
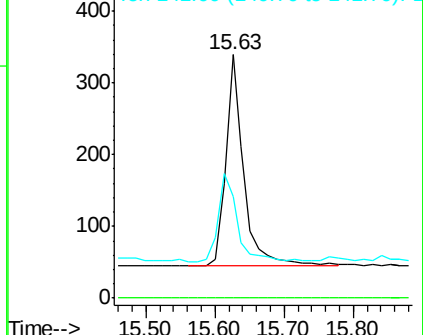
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.8	31.5	47.3

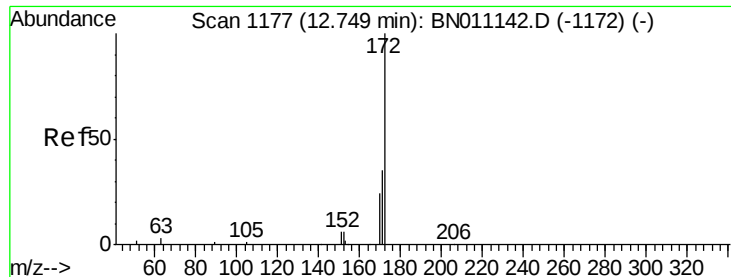


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

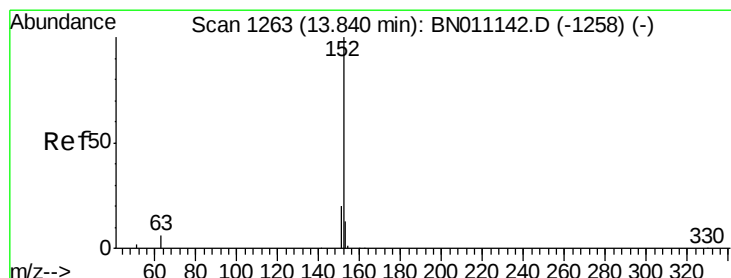
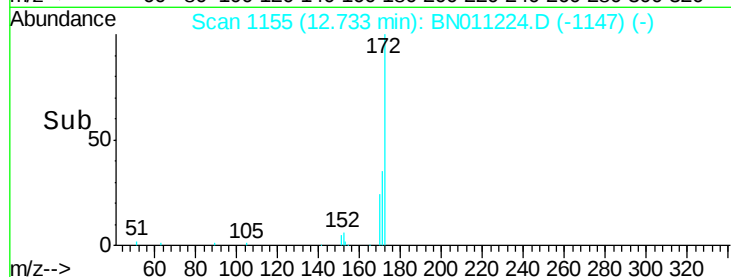
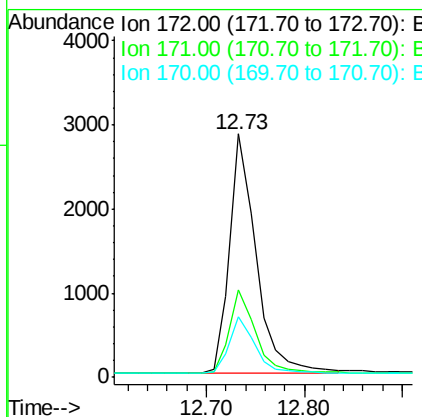
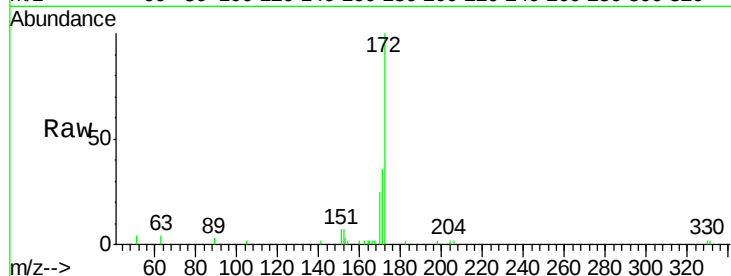




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

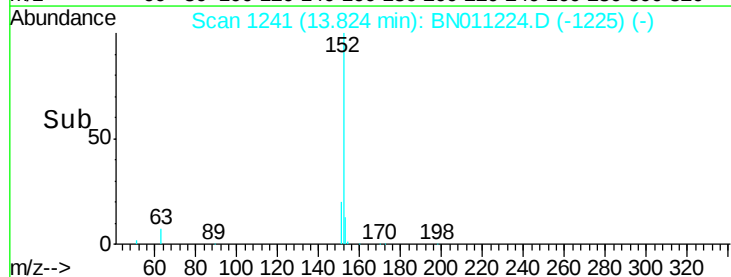
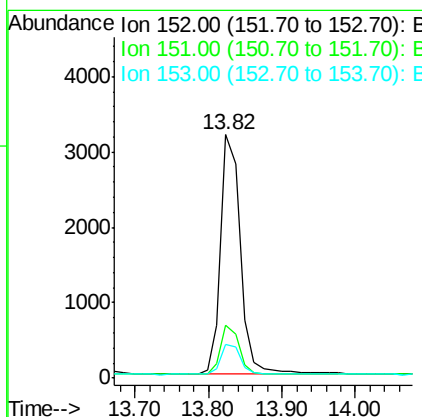
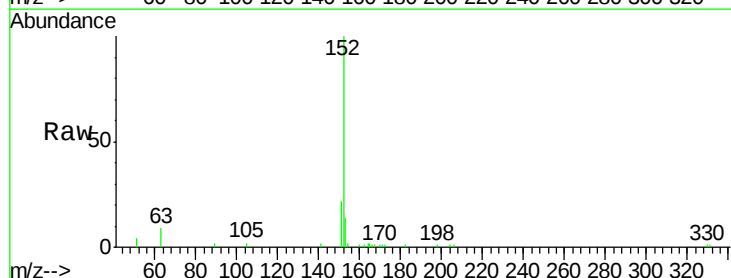
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

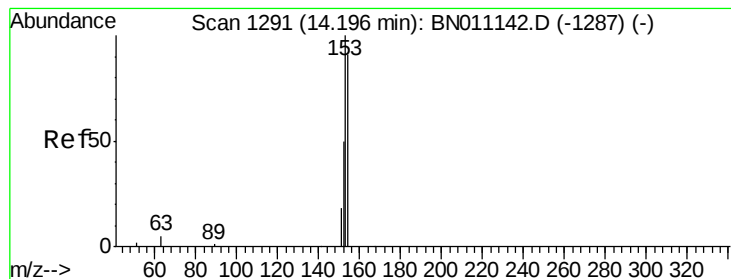
Tot Ion:172 Resp: 5386
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.9 20.3 30.5



#16
Acenaphthylene
Concen: 0.360 ng
RT: 13.82 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion:152 Resp: 5948
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.3 10.6 15.8





#17

Acenaphthene

Concen: 0.365 ng

RT: 14.18 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

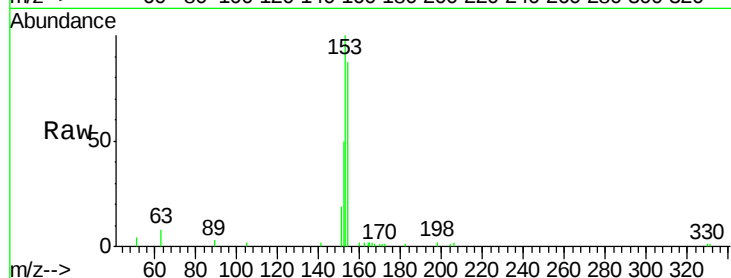
Tot Ion:154 Resp: 4027

Ion Ratio Lower Upper

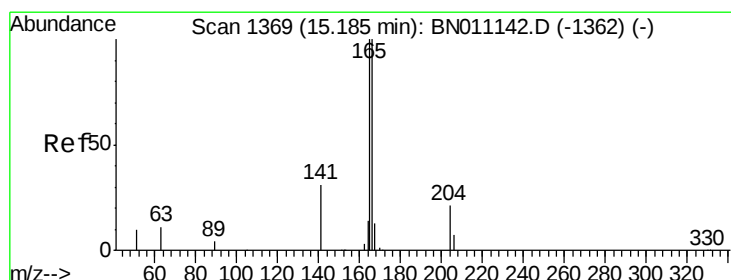
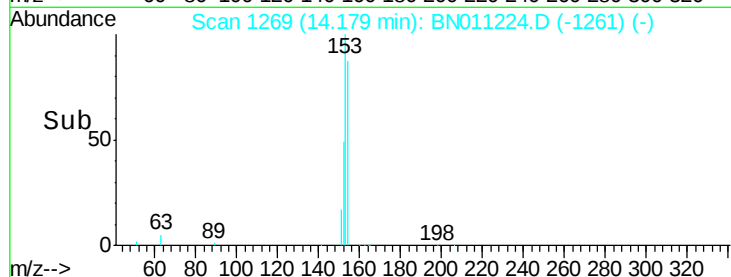
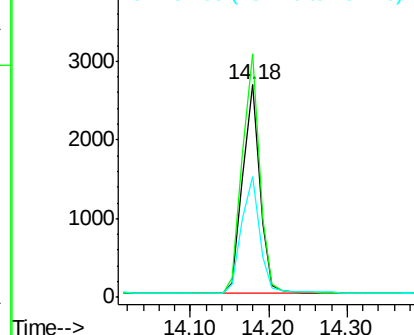
154 100

153 117.5 91.3 136.9

152 60.1 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: 0.376 ng

RT: 15.18 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

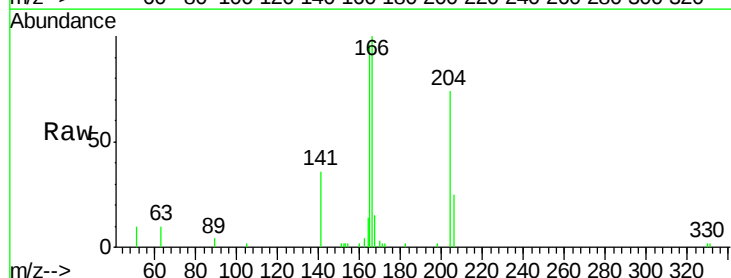
Tgt Ion:166 Resp: 5316

Ion Ratio Lower Upper

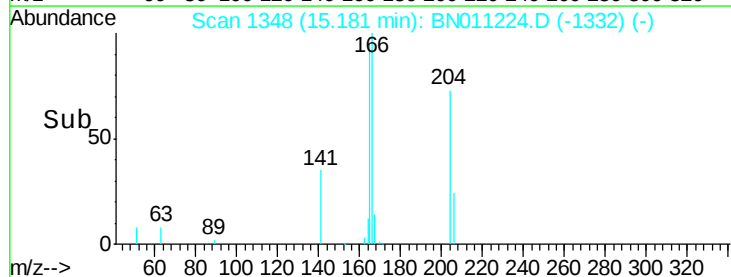
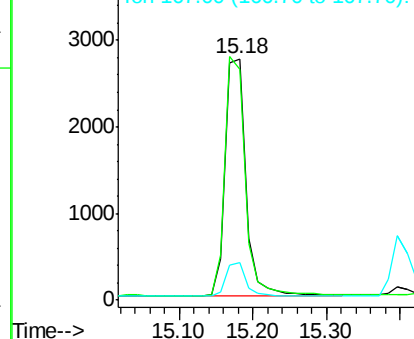
166 100

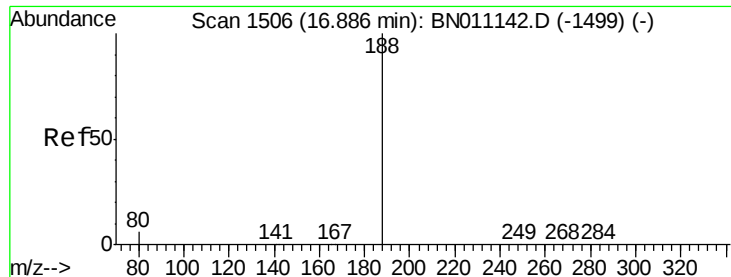
165 99.5 79.1 118.7

167 13.5 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: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

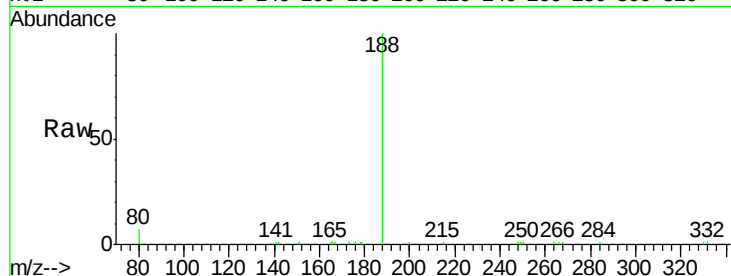
Tot Ion:188 Resp: 7318

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

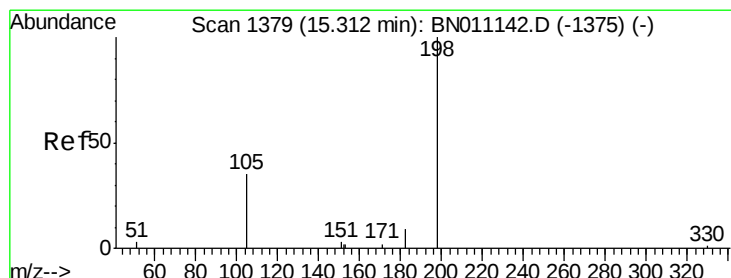
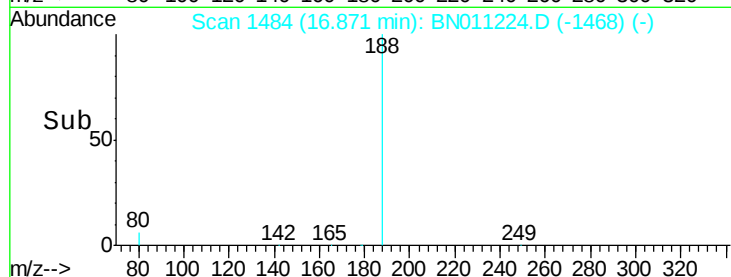
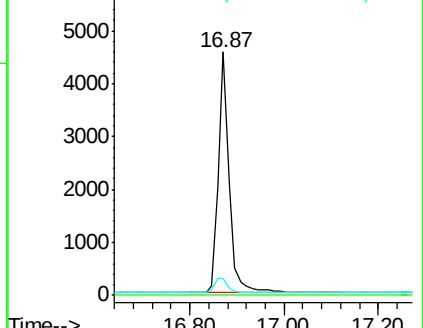
80 7.2 6.3 9.5



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: 0.374 ng

RT: 15.30 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

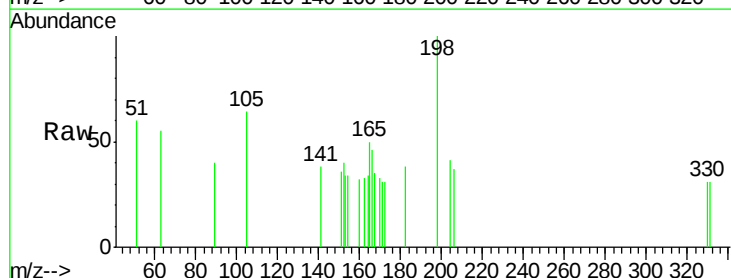
Tgt Ion:198 Resp: 329

Ion Ratio Lower Upper

198 100

51 60.1 53.1 79.7

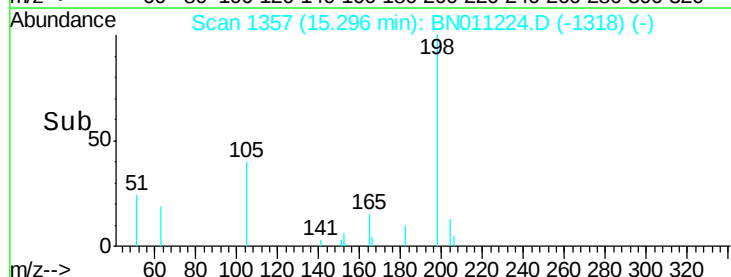
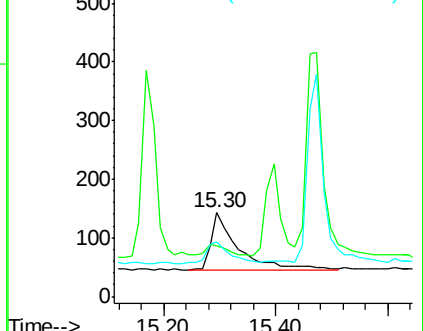
105 64.3 51.9 77.9

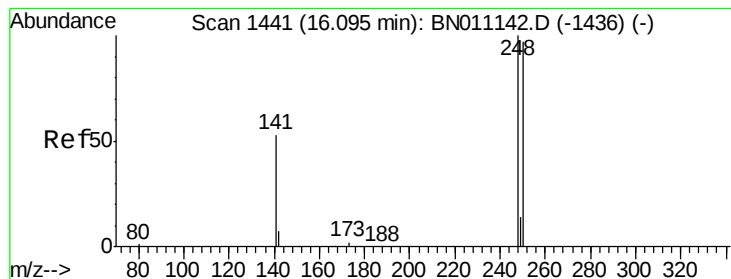


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.361 ng

RT: 16.08 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

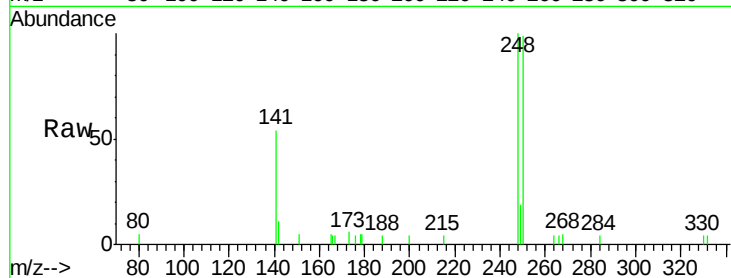
Tot Ion:248 Resp: 1797

Ion Ratio Lower Upper

248 100

250 99.0 78.4 117.6

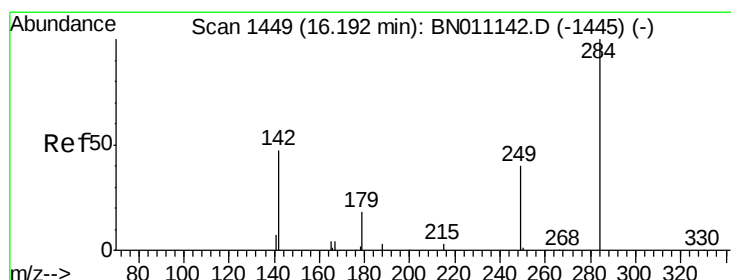
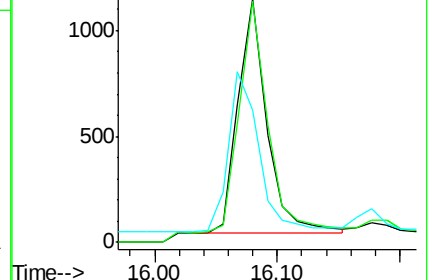
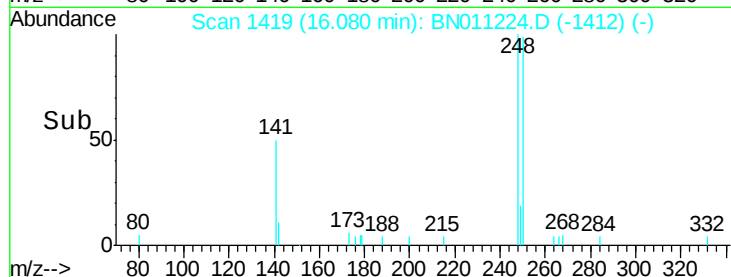
141 54.5 45.1 67.7



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#22

Hexachlorobenzene

Concen: 0.340 ng

RT: 16.19 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

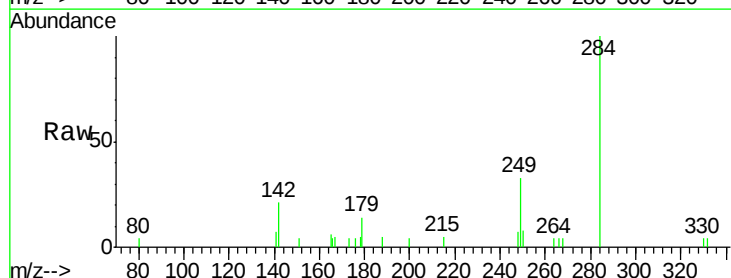
Tgt Ion:284 Resp: 1969

Ion Ratio Lower Upper

284 100

142 44.6 32.6 48.8

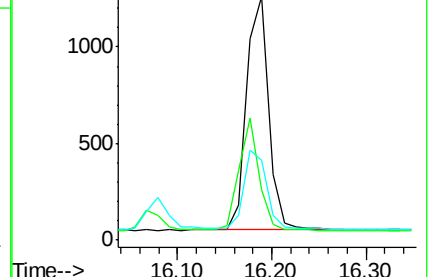
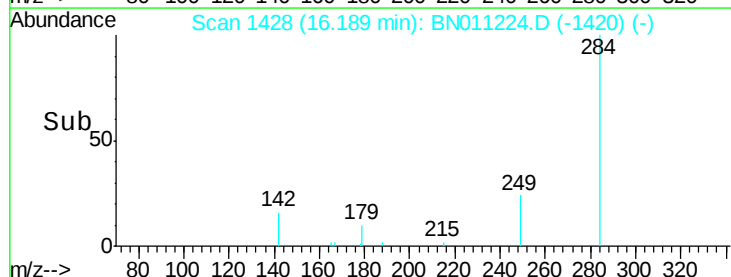
249 34.7 28.4 42.6

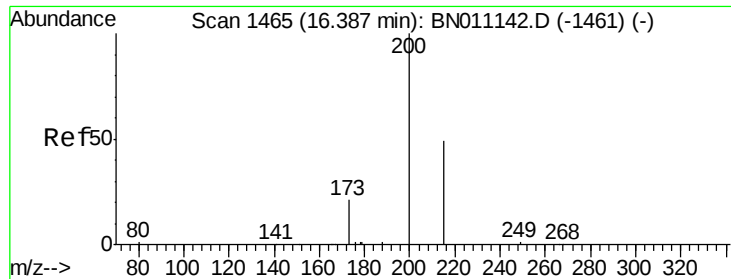


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

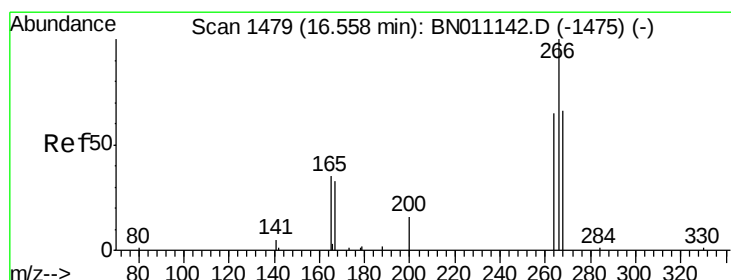
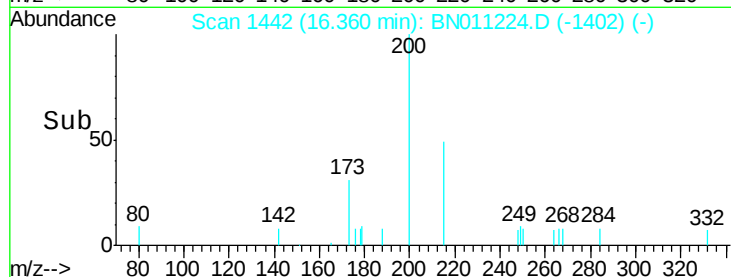
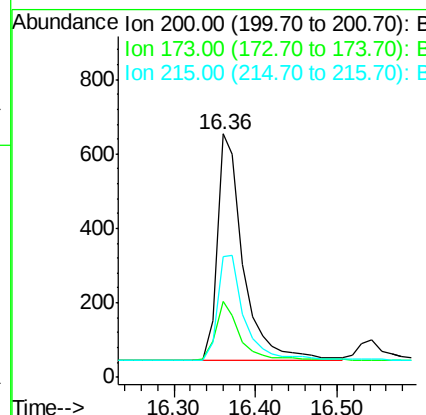
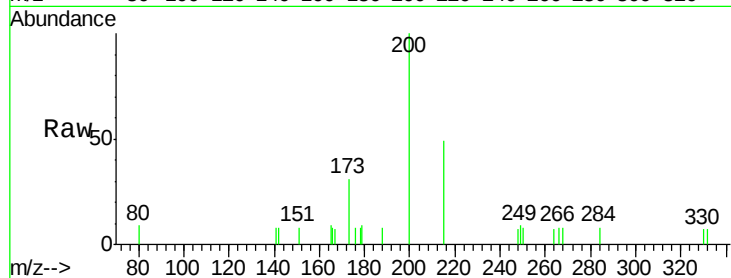




#23
Atrazine
Concen: 0.388 ng
RT: 16.36 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

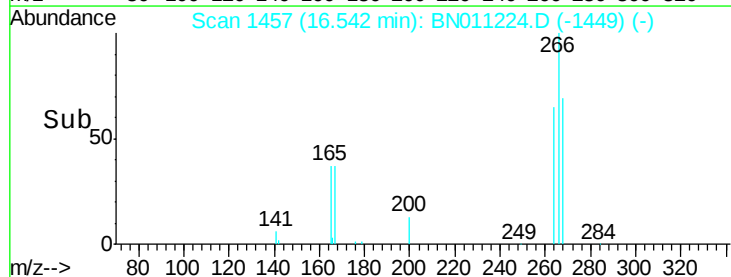
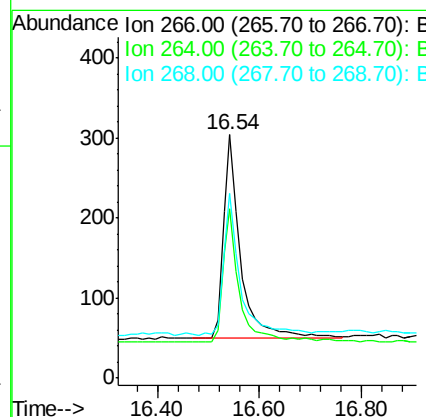
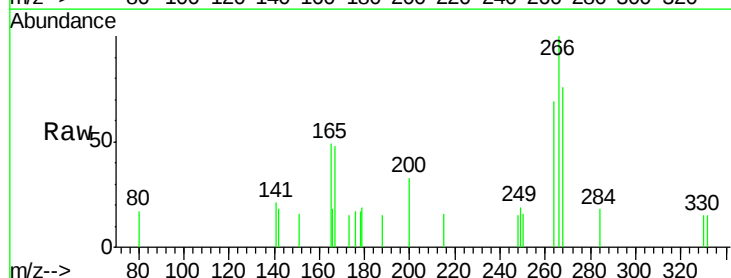
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

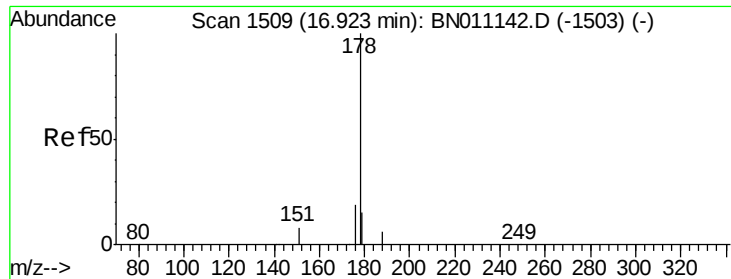
Tot Ion	Ratio	Lower	Upper
200	100		
173	31.0	23.0	34.4
215	49.4	42.6	63.8



#24
Pentachlorophenol
Concen: 0.352 ng
RT: 16.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.1	52.5	78.7
268	67.7	48.9	73.3





#25

Phenanthrene

Concen: 0.374 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

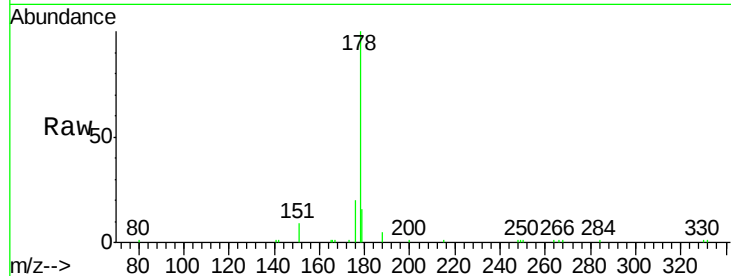
Tot Ion:178 Resp: 8794

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

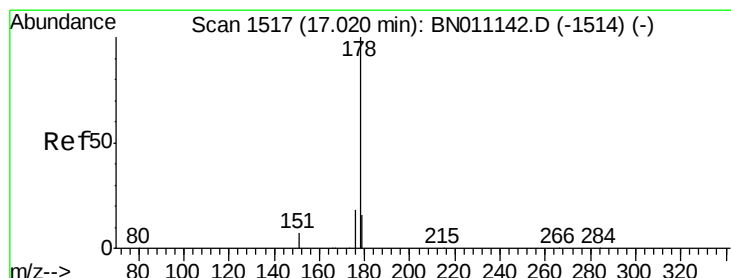
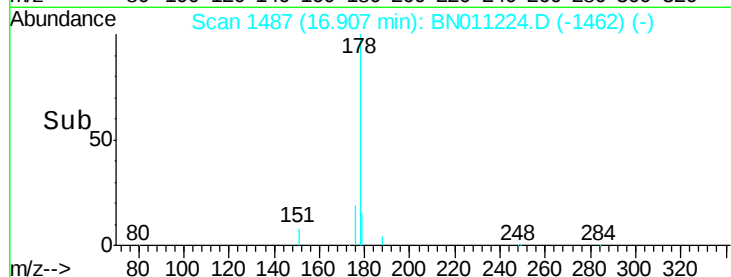
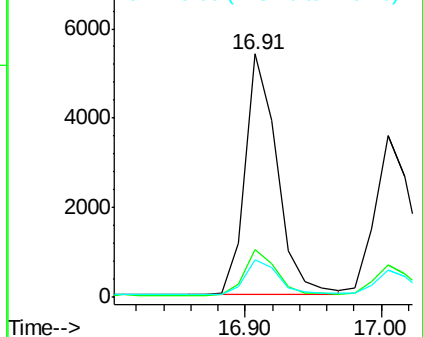
179 15.5 12.6 18.8



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



#26

Anthracene

Concen: 0.360 ng

RT: 17.00 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

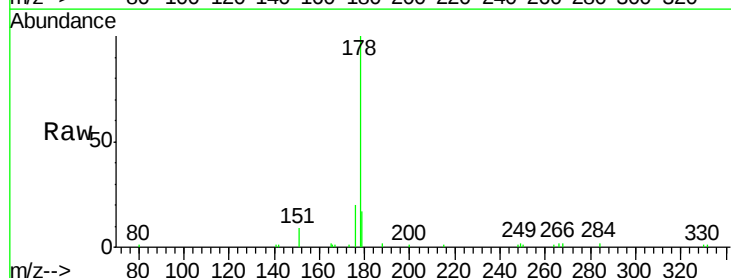
Tgt Ion:178 Resp: 7035

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

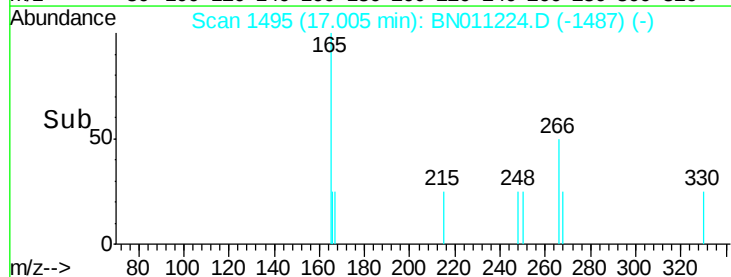
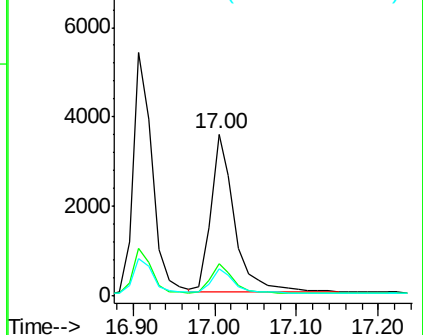
179 15.2 12.0 18.0

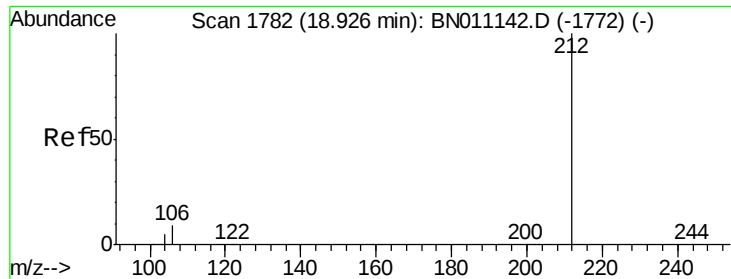


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

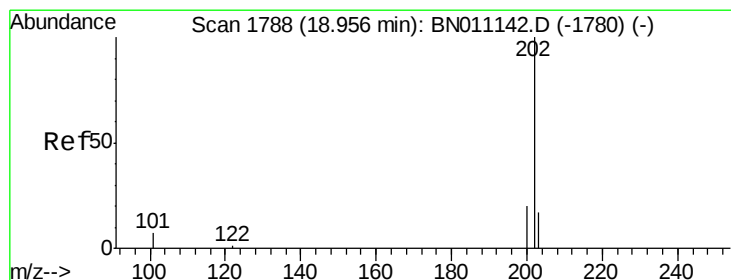
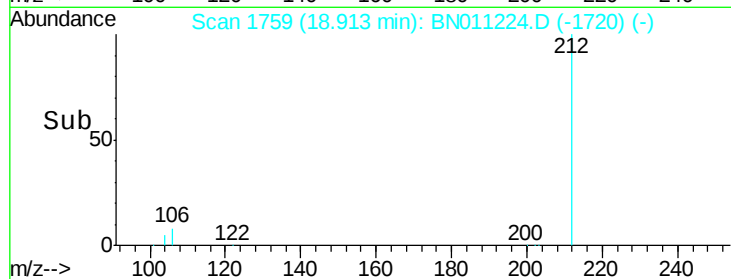
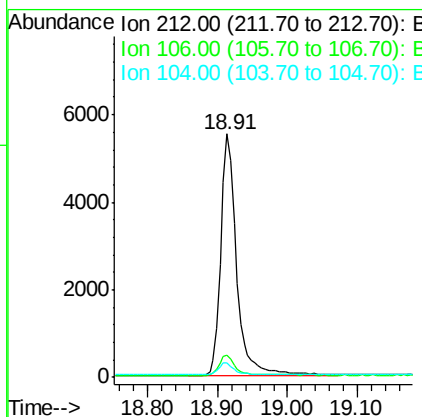
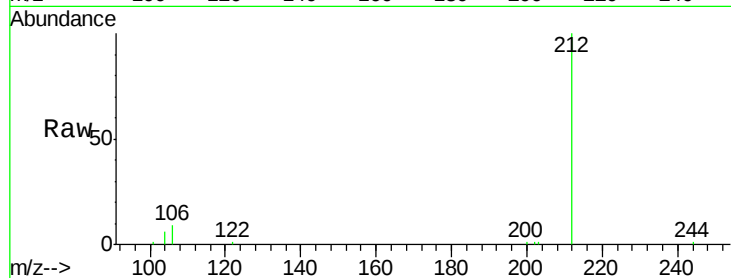




#27
 Fluoranthene-d10
 Concen: 0.374 ng
 RT: 18.91 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BN011224.D
 Acq: 22 Jul 2020 18:57

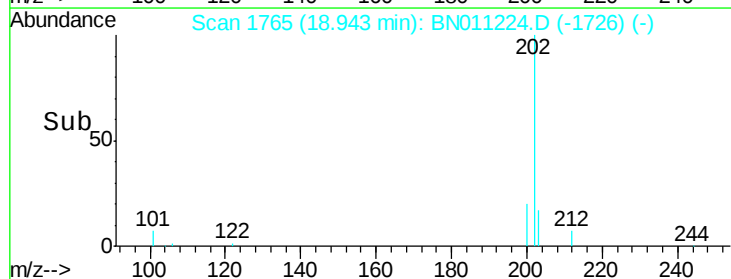
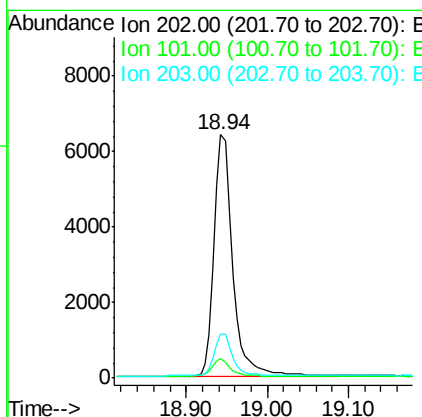
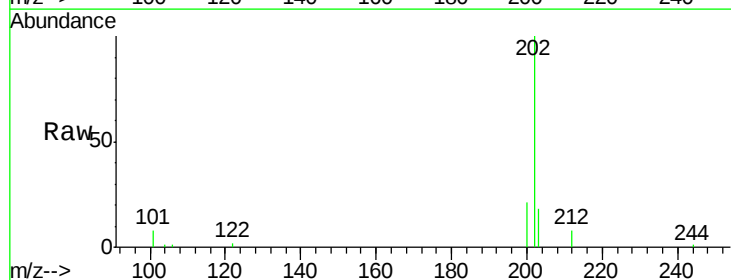
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

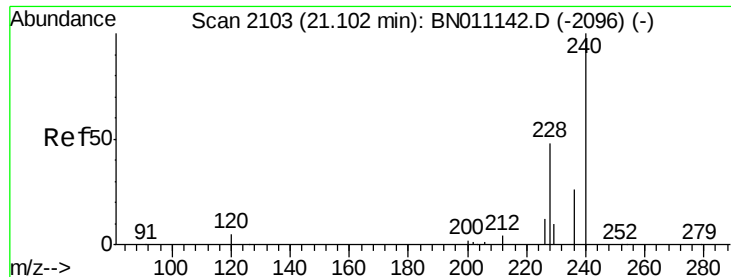
Tot Ion:212 Resp: 8629
 Ion Ratio Lower Upper
 212 100
 106 8.5 7.0 10.6
 104 5.1 4.2 6.4



#28
 Fluoranthene
 Concen: 0.362 ng
 RT: 18.94 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BN011224.D
 Acq: 22 Jul 2020 18:57

Tgt Ion:202 Resp: 10209
 Ion Ratio Lower Upper
 202 100
 101 7.1 5.9 8.9
 203 16.8 13.6 20.4

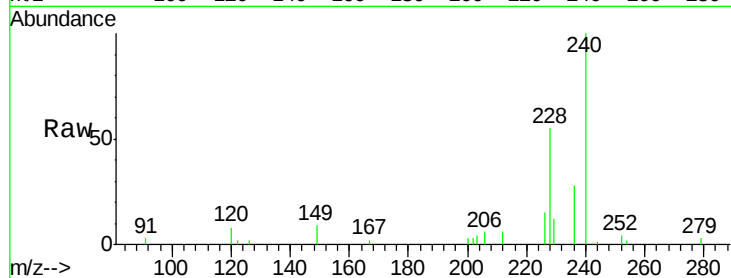




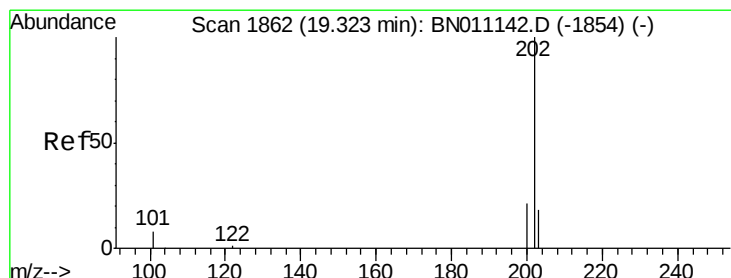
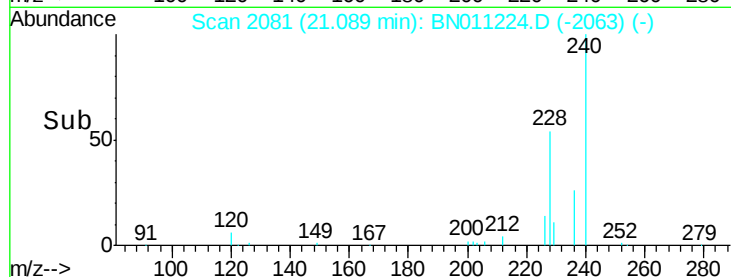
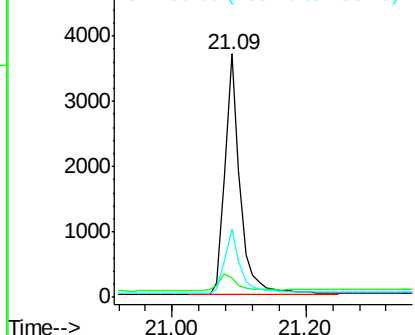
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.09 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 5774
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 27.9 21.9 32.9

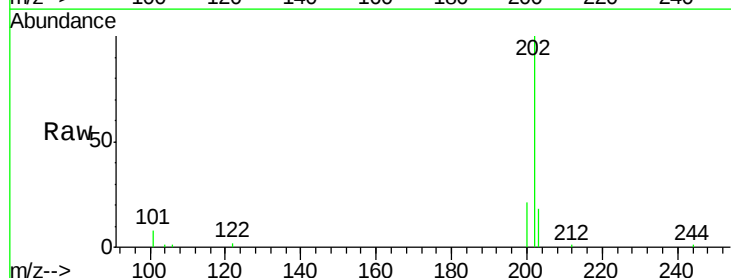


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

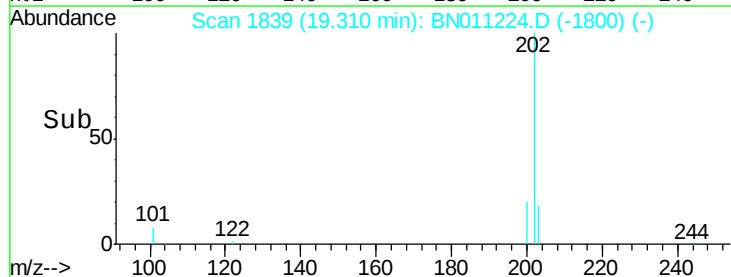
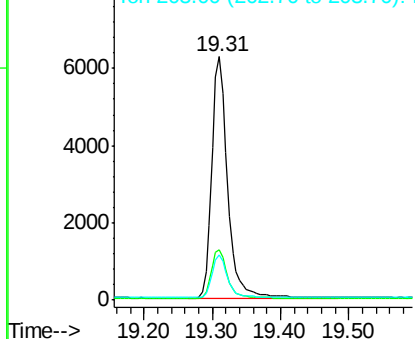


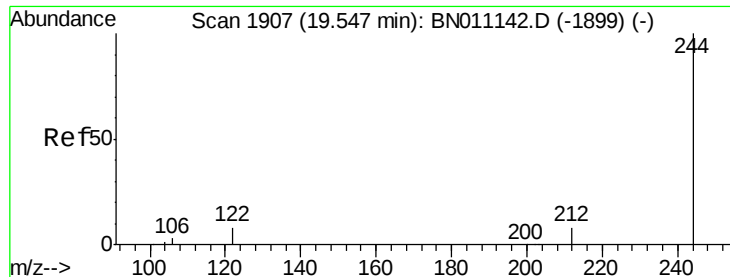
#30
Pyrene
Concen: 0.459 ng
RT: 19.31 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion:202 Resp: 10111
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 17.5 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.447 ng

RT: 19.53 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

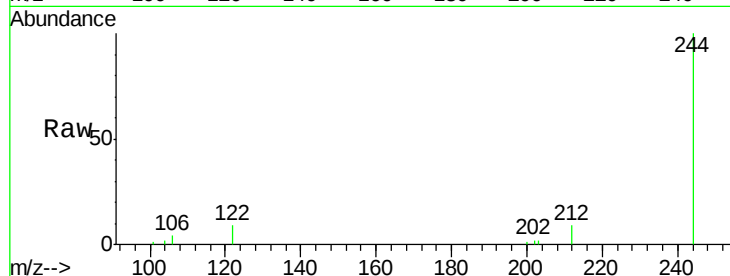
Tot Ion:244 Resp: 6712

Ion Ratio Lower Upper

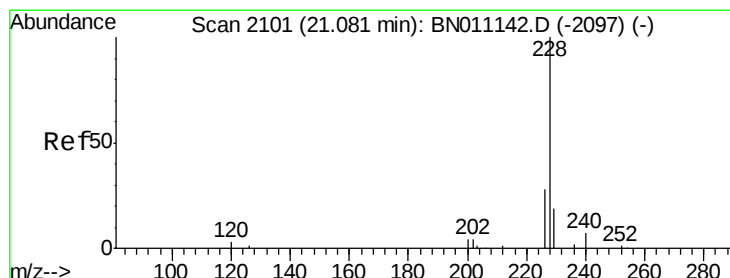
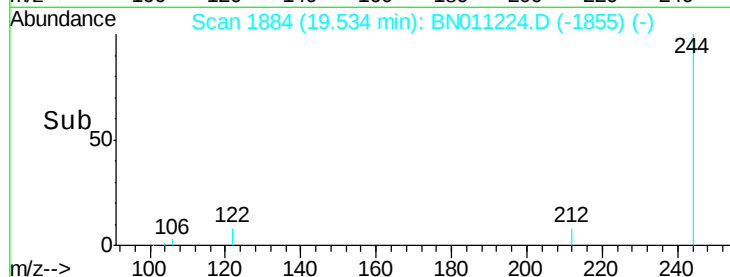
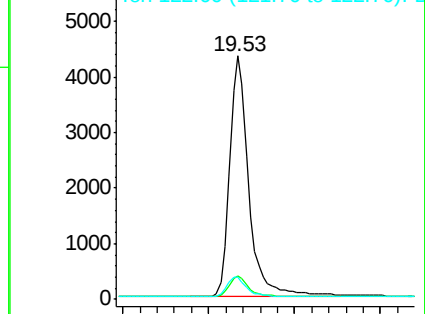
244 100

212 9.5 7.8 11.6

122 9.4 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: 0.375 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

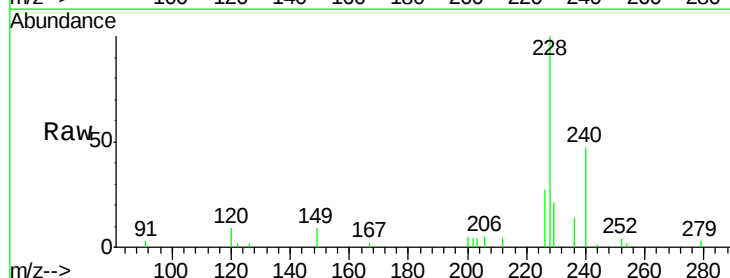
Tgt Ion:228 Resp: 7015

Ion Ratio Lower Upper

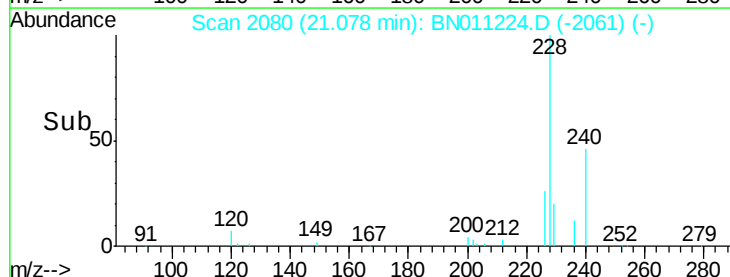
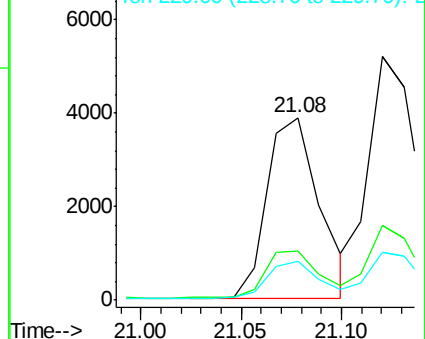
228 100

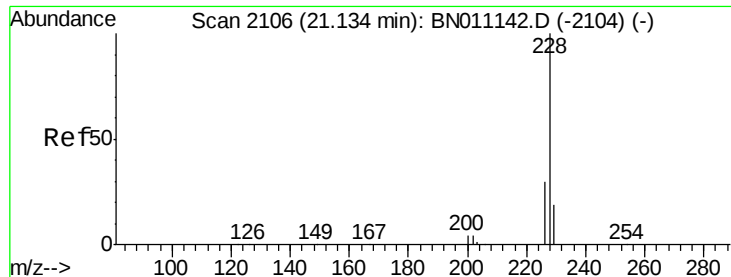
226 26.7 23.2 34.8

229 21.4 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: 0.399 ng

RT: 21.12 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

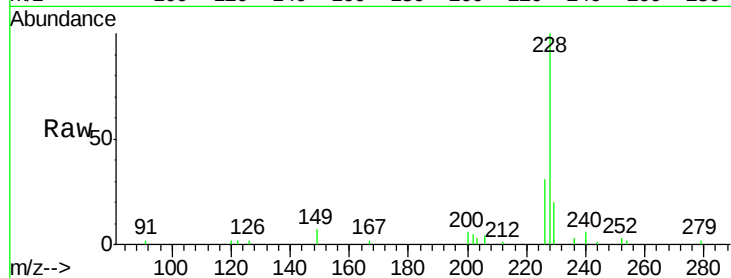
Tot Ion:228 Resp: 9134

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

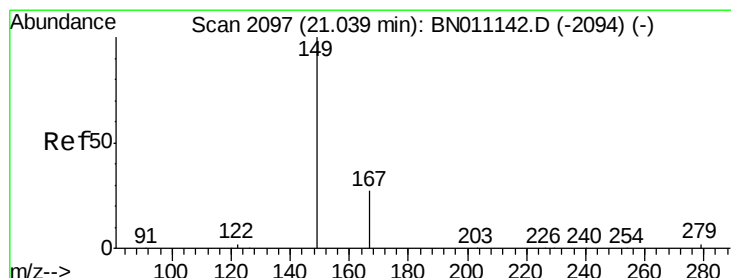
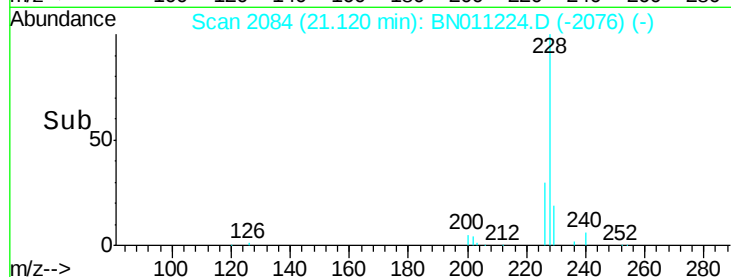
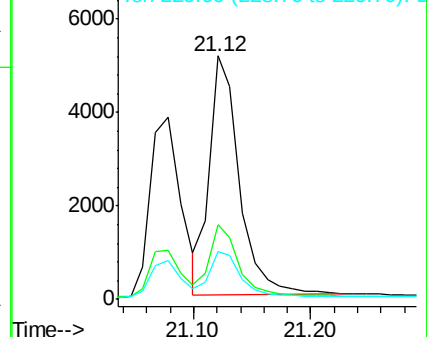
229 19.9 16.2 24.4



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: 0.482 ng

RT: 21.04 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

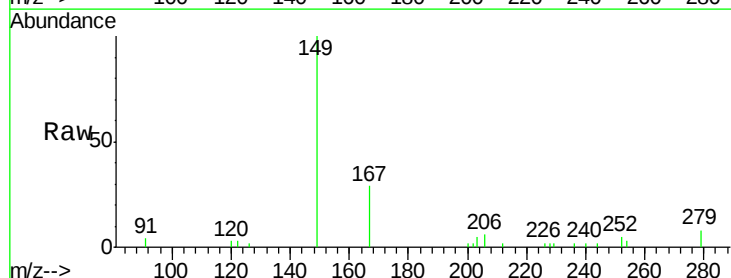
Tgt Ion:149 Resp: 3712

Ion Ratio Lower Upper

149 100

167 27.7 23.4 35.0

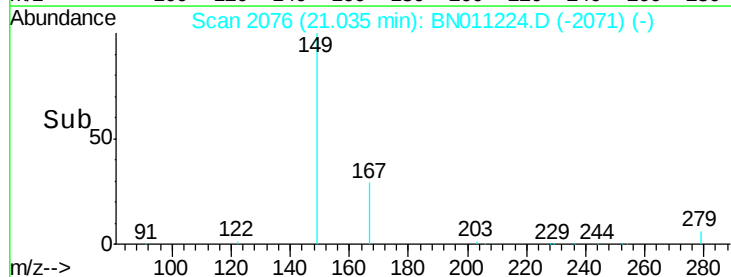
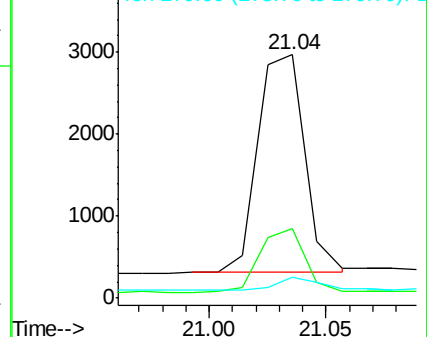
279 4.8 4.5 6.7

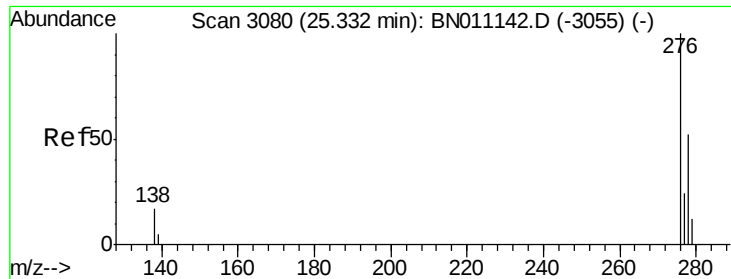


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.347 ng

RT: 25.31 min Scan# 3053

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

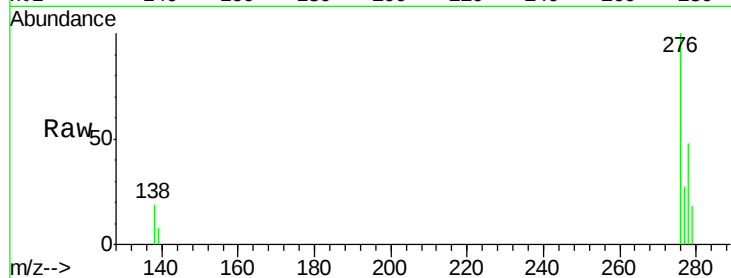
Tot Ion:276 Resp: 8413

Ion Ratio Lower Upper

276 100

138 16.0 13.0 19.6

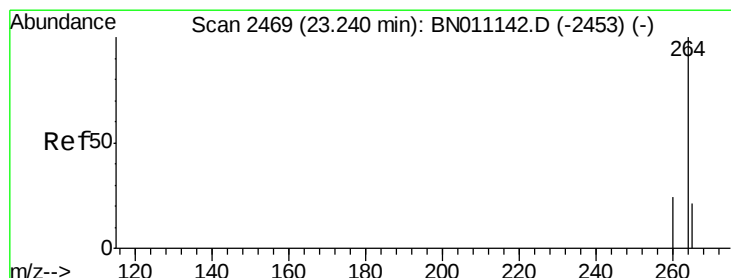
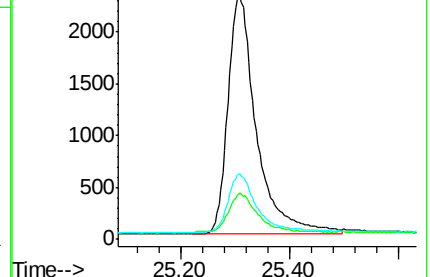
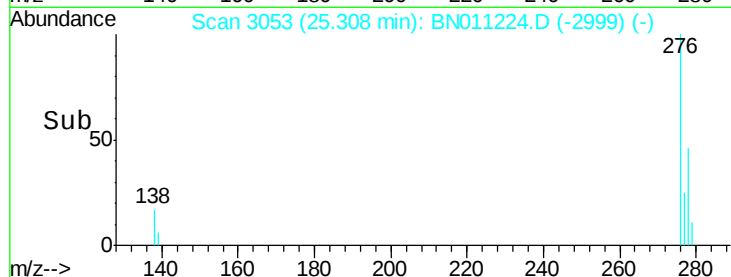
277 24.6 19.7 29.5



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: 23.22 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

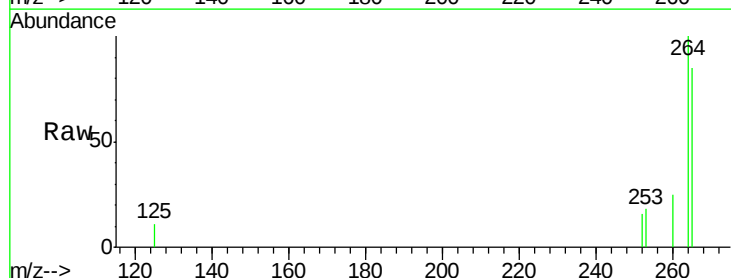
Tgt Ion:264 Resp: 5304

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

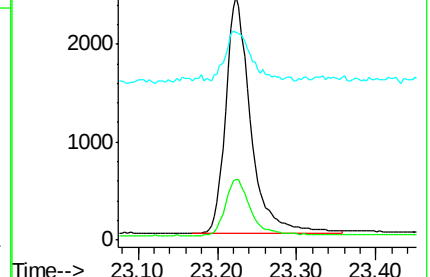
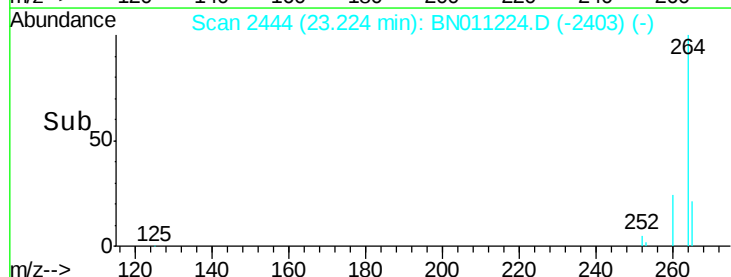
265 85.4 76.6 115.0

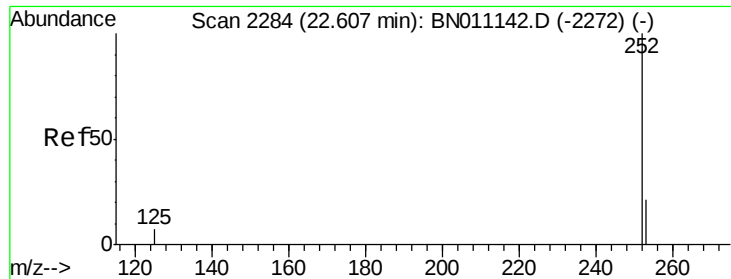


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

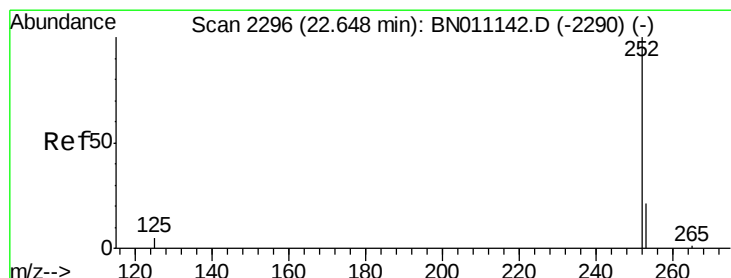
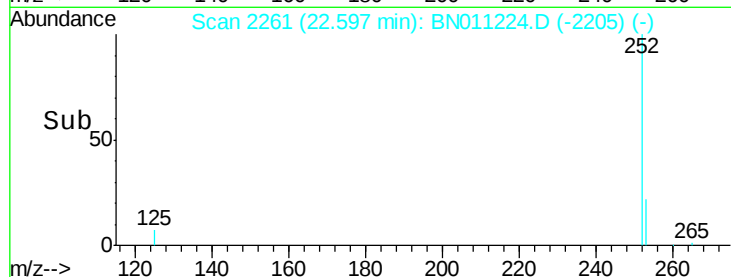
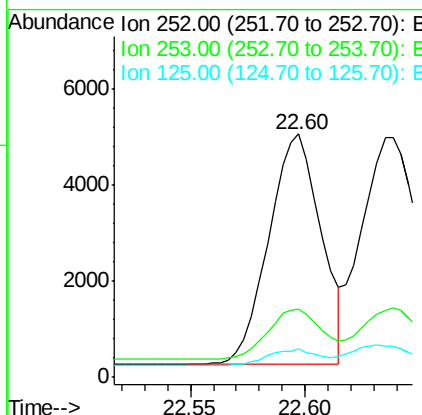
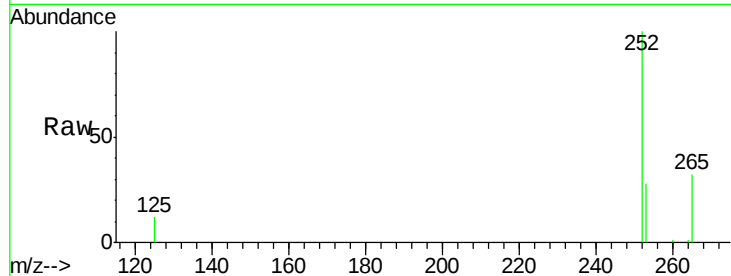




#37
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 22.60 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

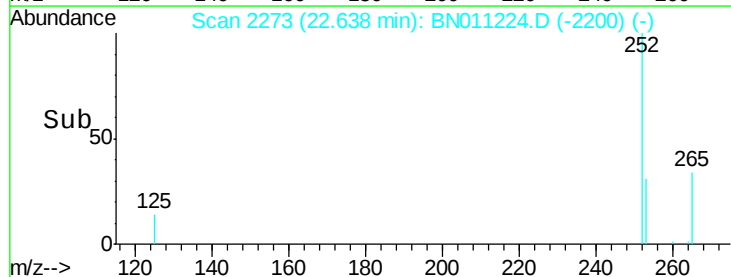
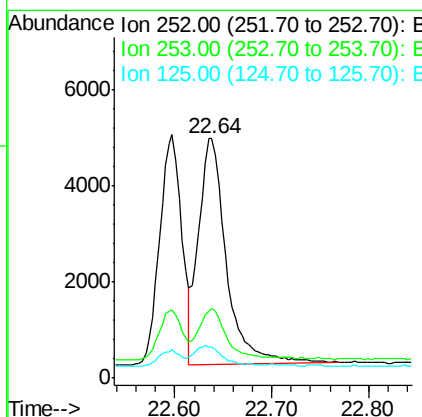
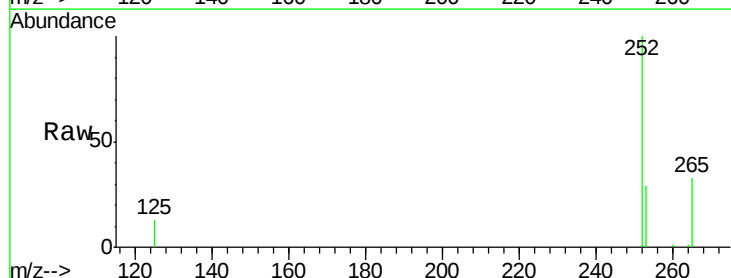
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

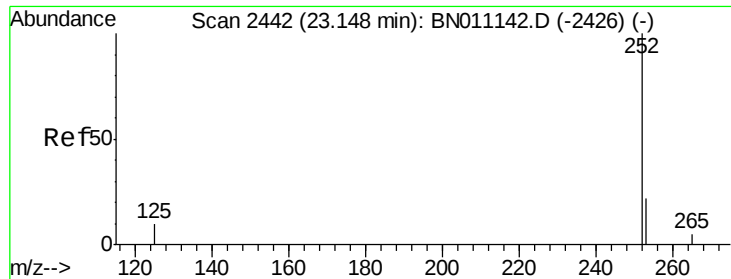
Tot Ion:252 Resp: 7612
Ion Ratio Lower Upper
252 100
253 28.0 22.6 34.0
125 11.6 9.6 14.4



#38
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion:252 Resp: 9389
Ion Ratio Lower Upper
252 100
253 29.1 22.2 33.4
125 13.1 11.0 16.4





#39

Benzo(a)pyrene

Concen: 0.348 ng

RT: 23.13 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

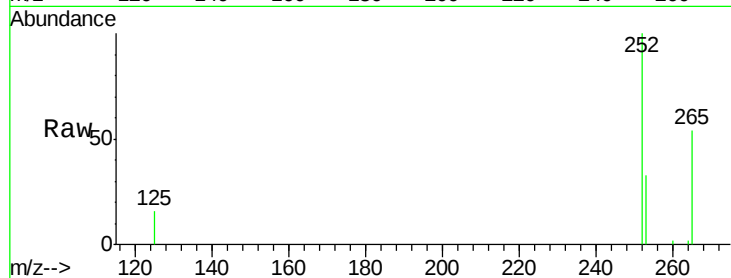
Tot Ion:252 Resp: 6668

Ion Ratio Lower Upper

252 100

253 33.0 25.8 38.6

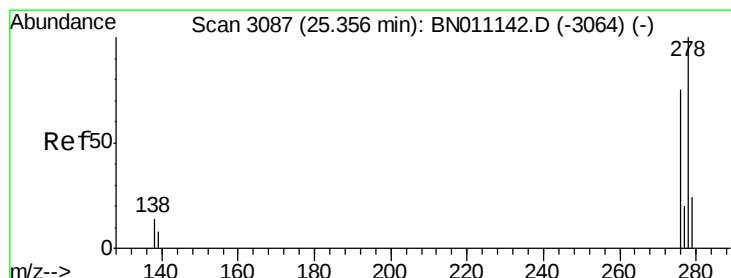
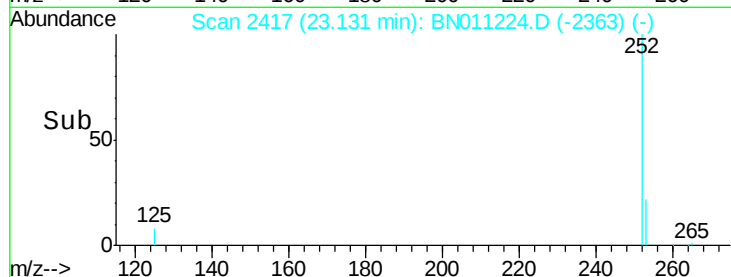
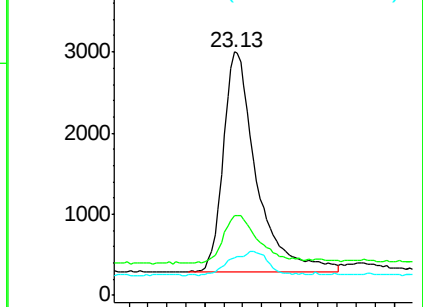
125 15.6 13.4 20.0



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: 0.313 ng

RT: 25.33 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

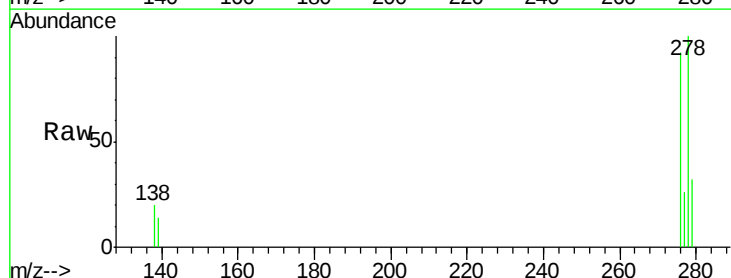
Tgt Ion:278 Resp: 6354

Ion Ratio Lower Upper

278 100

139 13.7 11.7 17.5

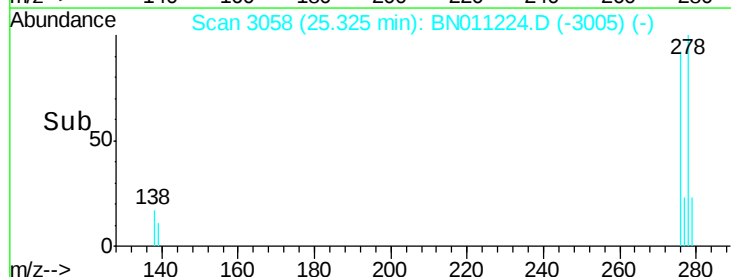
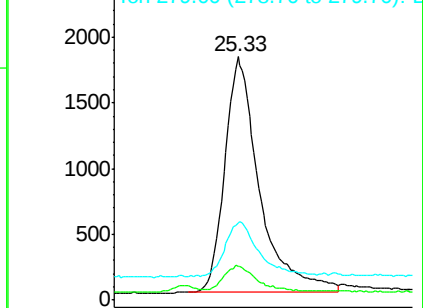
279 31.7 25.0 37.6

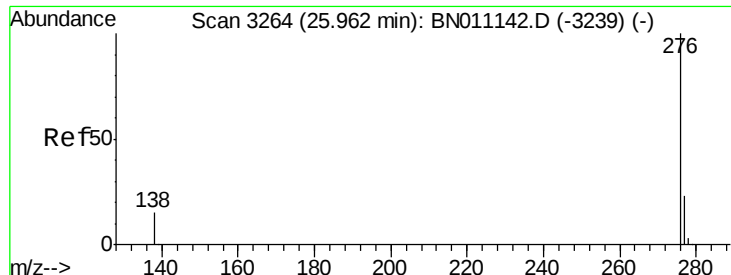


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.329 ng

RT: 25.94 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

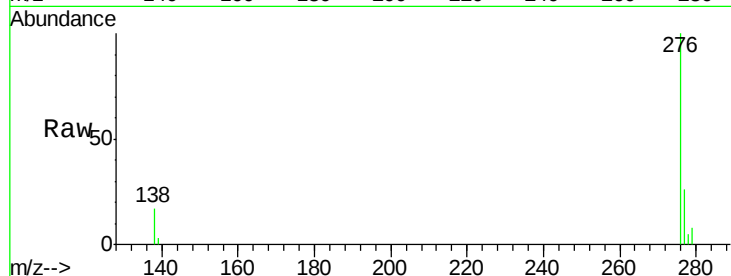
Tot Ion: 276 Resp: 7350

Ion Ratio Lower Upper

276 100

277 25.8 20.5 30.7

138 16.8 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

