

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
 Data File : BN011148.D
 Acq On : 10 Jul 2020 14:36
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN071120

Quant Time: Jul 10 15:06:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 14:35:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1758	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5404	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2819	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	5744	0.40	ng	0.00
29) Chrysene-d12	21.10	240	5864	0.40	ng	0.00
36) Perylene-d12	23.25	264	5282	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	1642	0.38	ng	0.00
5) Phenol-d6	6.72	99	1926	0.39	ng	0.00
8) Nitrobenzene-d5	8.66	82	1935	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.85	152	3864	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	499	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	5374	0.41	ng	0.00
27) Fluoranthene-d10	18.93	212	6993	0.39	ng	0.00
31) Terphenyl-d14	19.55	244	5833	0.38	ng	0.00

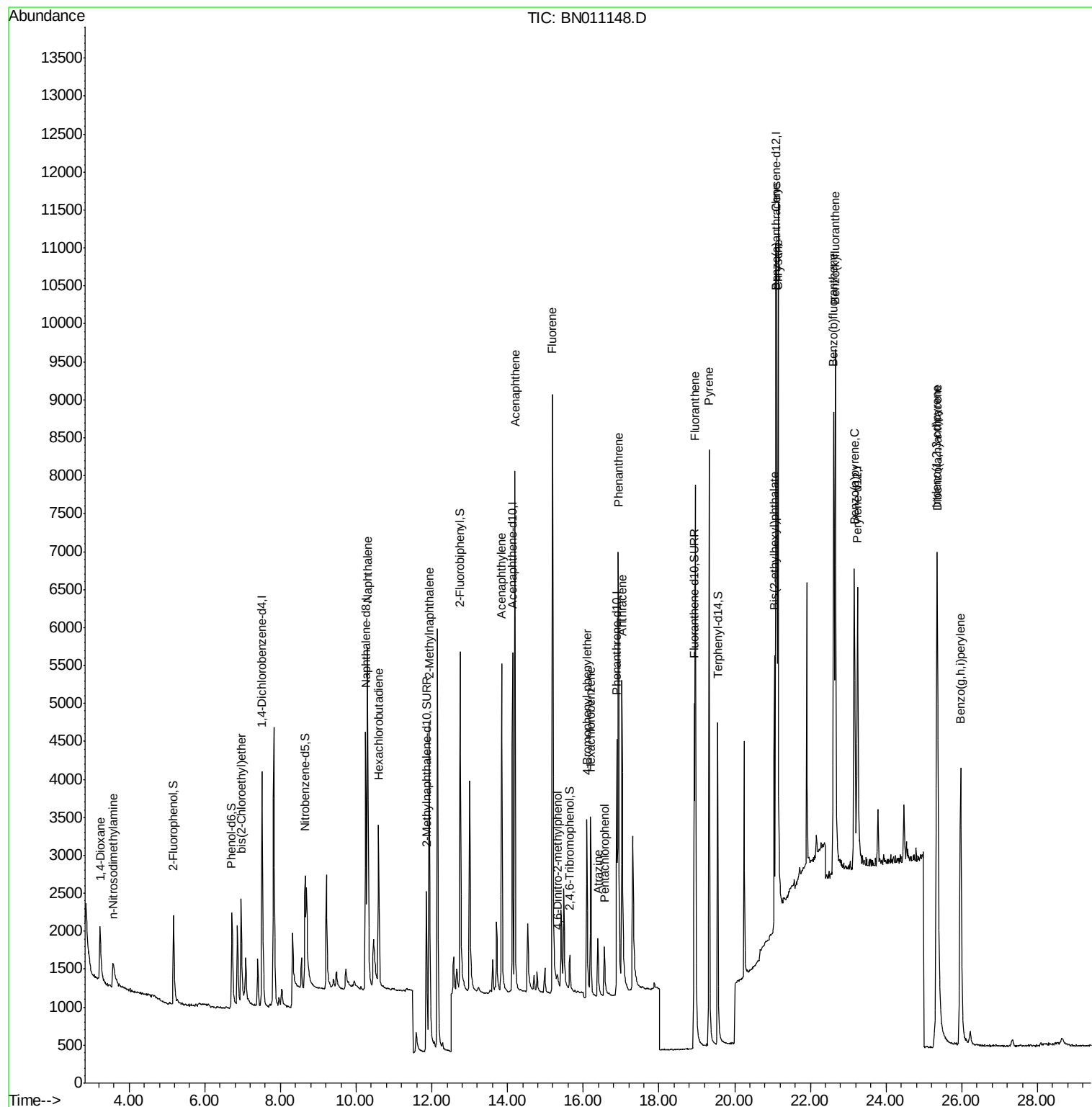
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1019	0.405	ng	95
3) n-Nitrosodimethylamine	3.57	42	470	0.372	ng	# 95
6) bis(2-Chloroethyl)ether	6.96	93	1635	0.364	ng	98
9) Naphthalene	10.30	128	6486	0.403	ng	100
10) Hexachlorobutadiene	10.60	225	1690	0.424	ng	# 99
12) 2-Methylnaphthalene	11.93	142	4391	0.434	ng	97
16) Acenaphthylene	13.84	152	5654	0.394	ng	99
17) Acenaphthene	14.20	154	3870	0.405	ng	99
18) Fluorene	15.19	166	4874	0.397	ng	98
20) 4,6-Dinitro-2-methylphenol	15.31	198	270	0.385	ng	97
21) 4-Bromophenyl-phenylether	16.10	248	1516	0.388	ng	98
22) Hexachlorobenzene	16.19	284	1836	0.404	ng	99
23) Atrazine	16.39	200	1084	0.396	ng	98
24) Pentachlorophenol	16.56	266	469	0.348	ng	93
25) Phenanthrene	16.92	178	7327	0.397	ng	100
26) Anthracene	17.02	178	6002	0.392	ng	99
28) Fluoranthene	18.96	202	8426	0.381	ng	100
30) Pyrene	19.32	202	8439	0.377	ng	99
32) Benzo(a)anthracene	21.09	228	7426	0.391	ng	98
33) Chrysene	21.14	228	10167	0.438	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	3266	0.417	ng	99
35) Indeno(1,2,3-cd)pyrene	25.34	276	10217	0.426	ng	99
37) Benzo(b)fluoranthene	22.61	252	7874	0.371	ng	99
38) Benzo(k)fluoranthene	22.66	252	10169	0.424	ng	98
39) Benzo(a)pyrene	23.15	252	7650	0.400	ng	99
40) Dibenzo(a,h)anthracene	25.36	278	8228	0.406	ng	98
41) Benzo(g,h,i)perylene	25.97	276	8553	0.385	ng	100

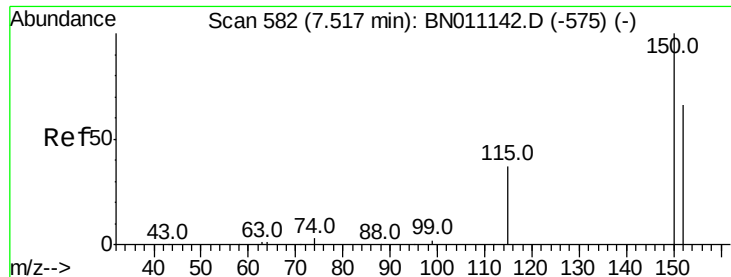
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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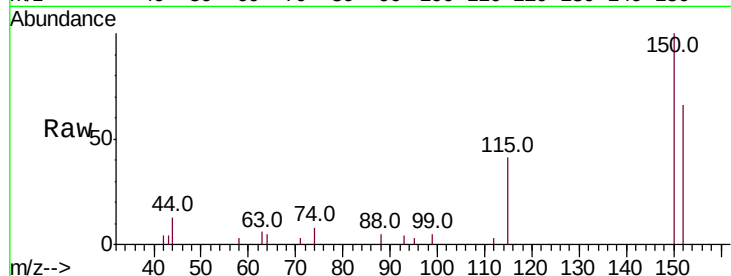


#1

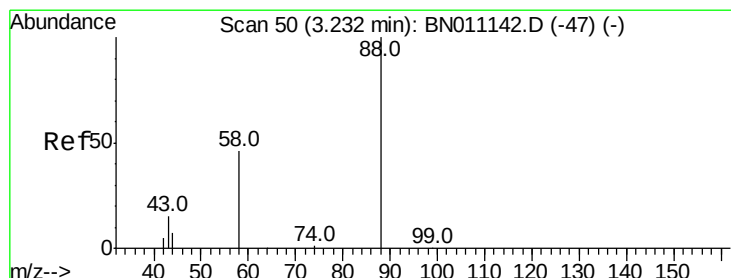
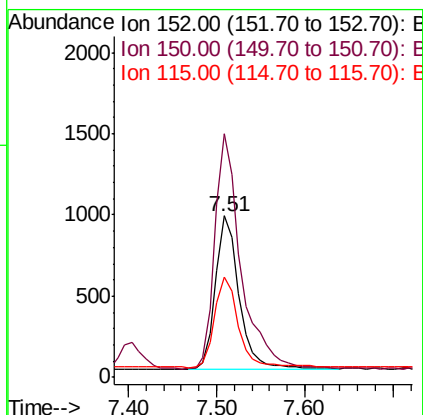
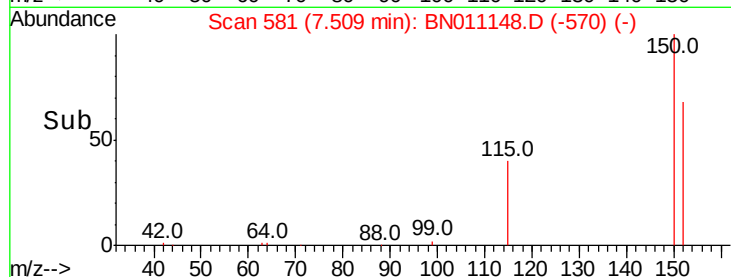
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tot Ion:152 Resp: 1758
Ion Ratio Lower Upper
152 100
150 150.7 119.4 179.0
115 62.1 48.3 72.5



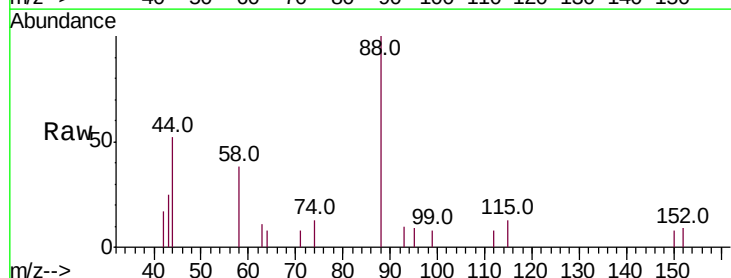
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



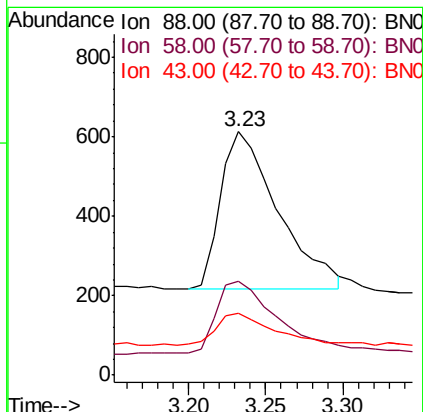
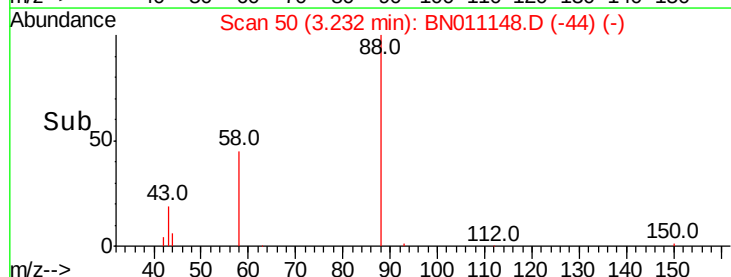
#2

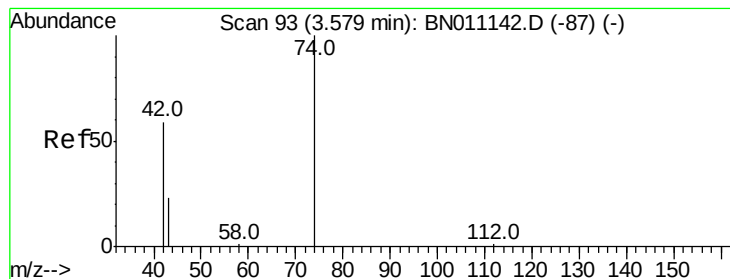
1,4-Dioxane
Concen: 0.405 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion: 88 Resp: 1019
Ion Ratio Lower Upper
88 100
58 48.1 36.5 54.7
43 20.7 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: 0.372 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

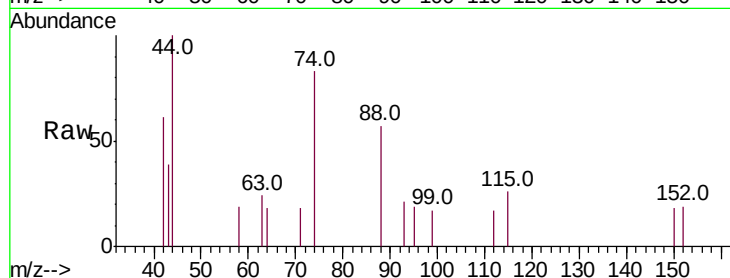
Tot Ion: 42 Resp: 470

Ion Ratio Lower Upper

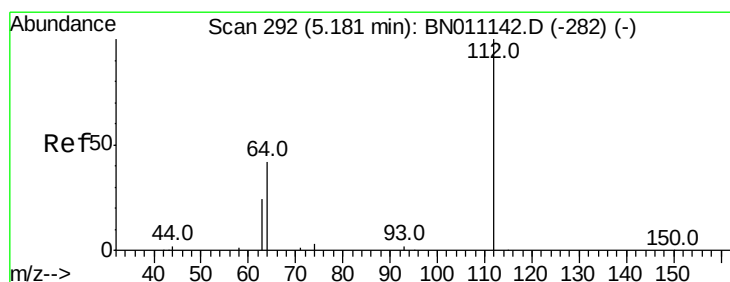
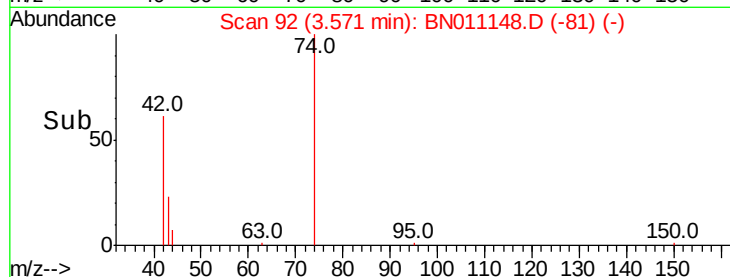
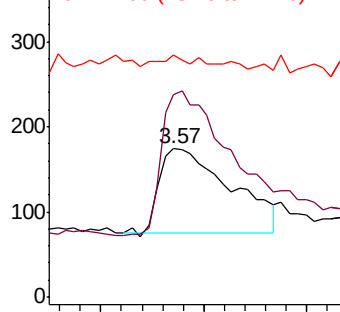
42 100

74 170.2 140.9 211.3

44 2.3 7.6 11.4#



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



#4

2-Fluorophenol

Concen: 0.379 ng

RT: 5.17 min Scan# 291

Delta R.T. -0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

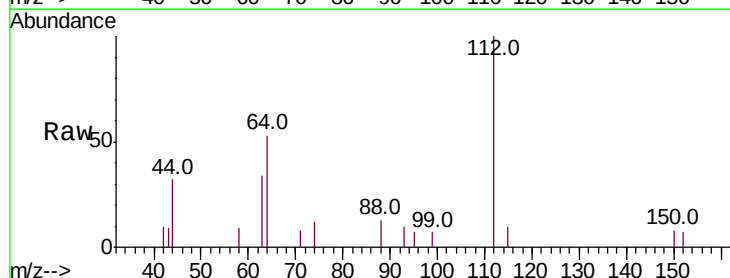
Tgt Ion: 112 Resp: 1642

Ion Ratio Lower Upper

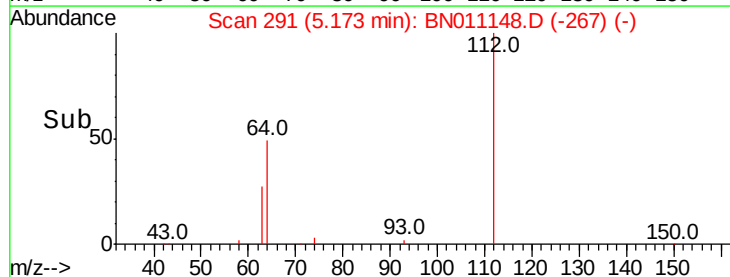
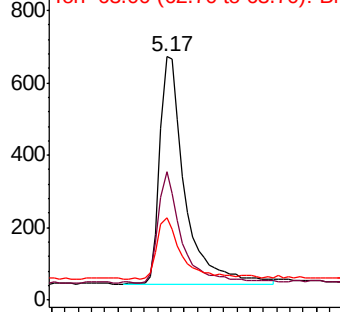
112 100

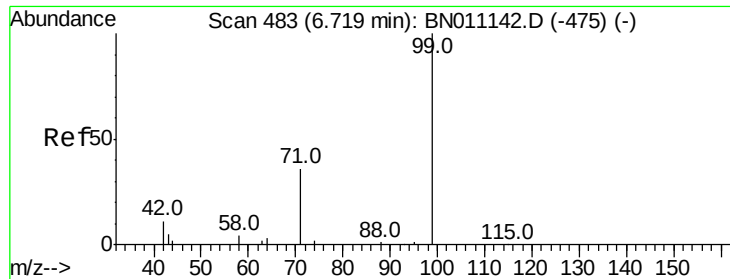
64 45.9 36.7 55.1

63 26.5 20.4 30.6



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





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.72 min Scan# 483

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

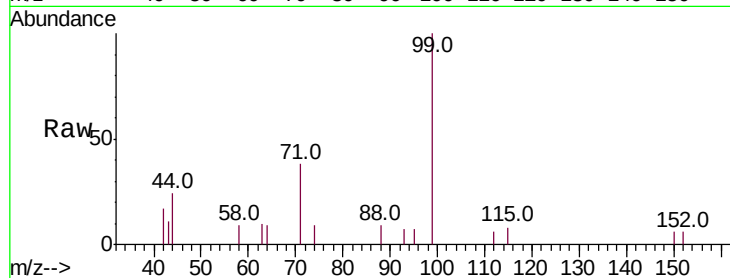
Tot Ion: 99 Resp: 1926

Ion Ratio Lower Upper

99 100

42 13.6 10.8 16.2

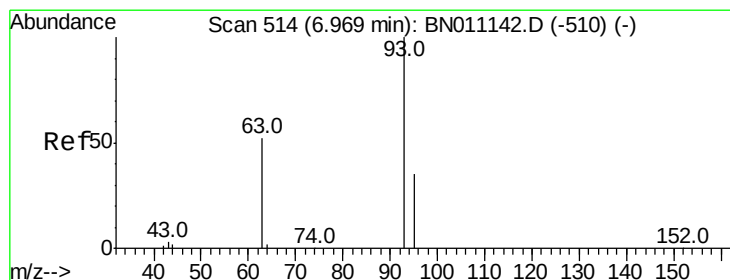
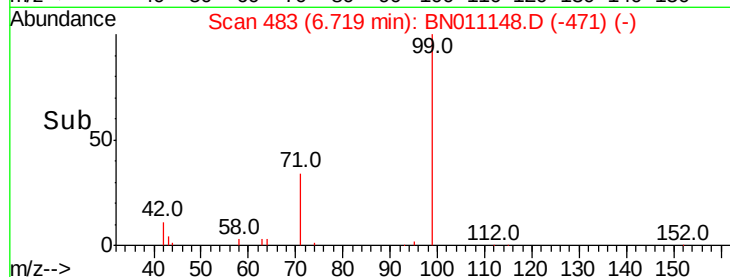
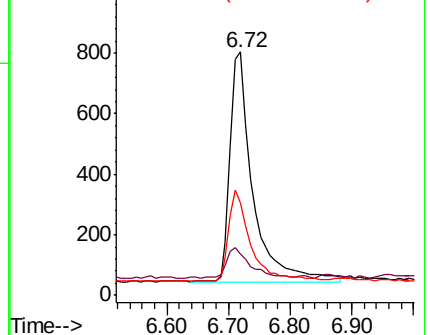
71 38.9 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.364 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

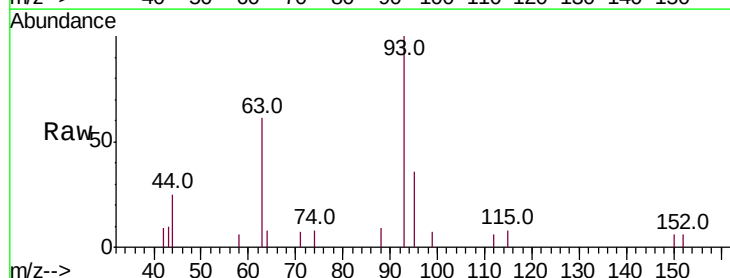
Tgt Ion: 93 Resp: 1635

Ion Ratio Lower Upper

93 100

63 58.7 47.4 71.0

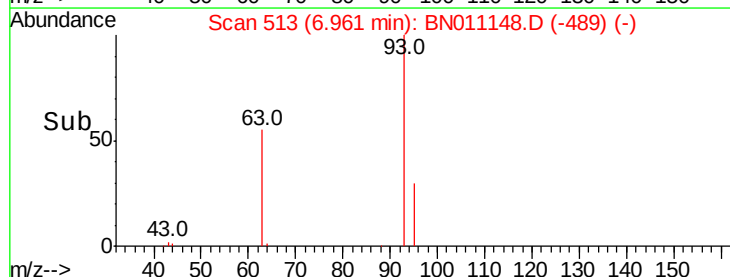
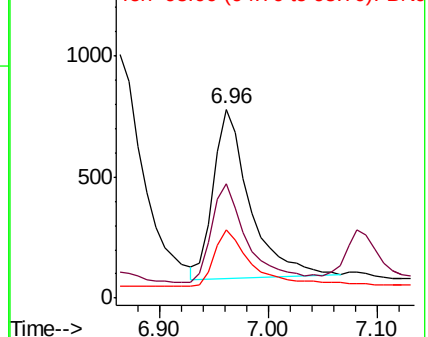
95 37.0 28.1 42.1

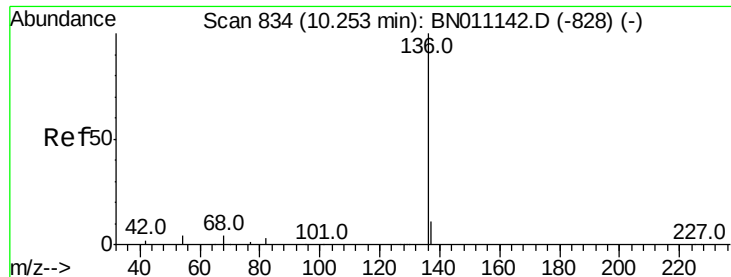


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

Tot Ion:136 Resp: 5404

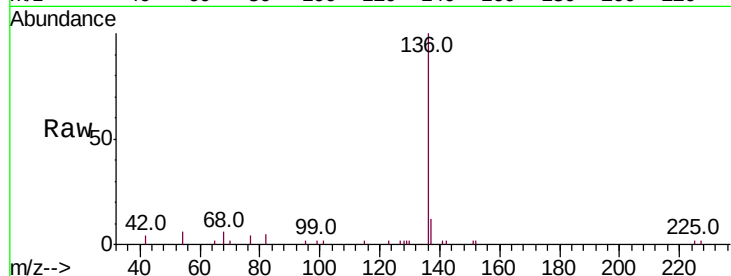
Ion Ratio Lower Upper

136 100

137 12.3 10.3 15.5

54 5.6 4.9 7.3

68 5.8 4.9 7.3

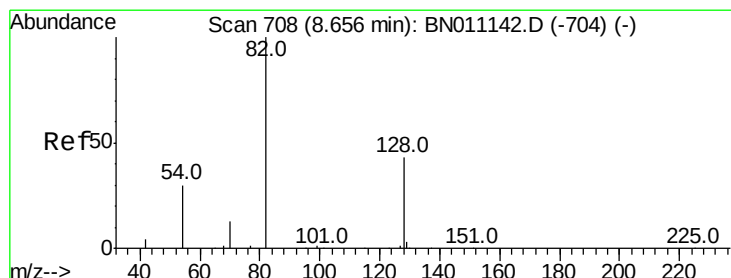
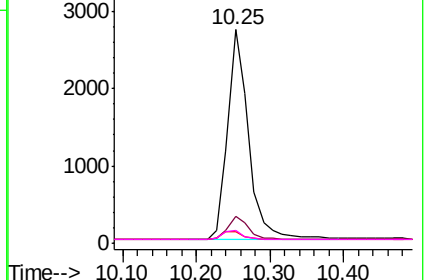
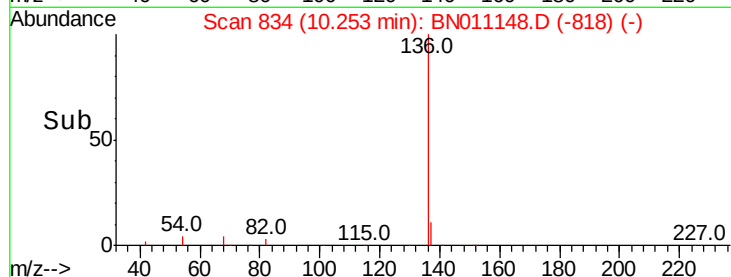


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

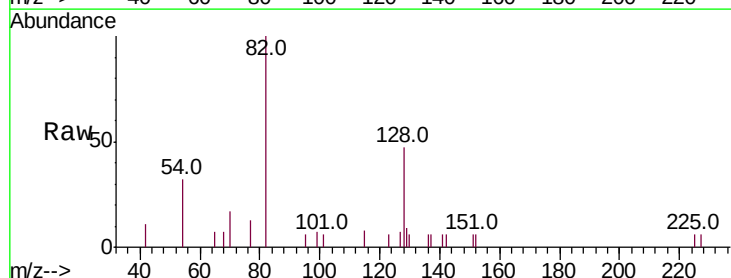
Tgt Ion: 82 Resp: 1935

Ion Ratio Lower Upper

82 100

128 47.4 38.1 57.1

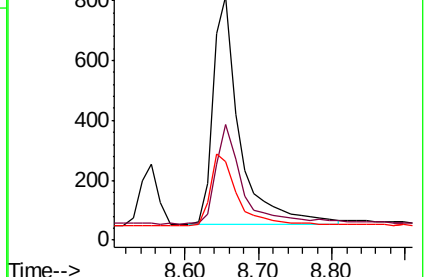
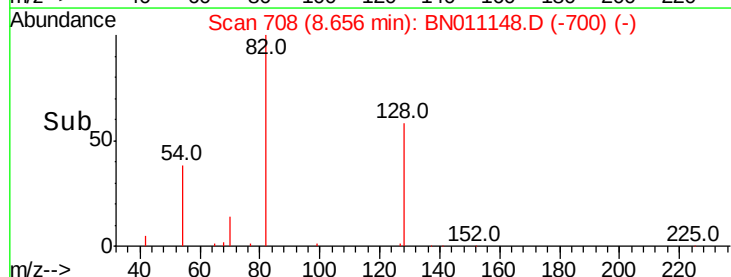
54 32.3 27.1 40.7

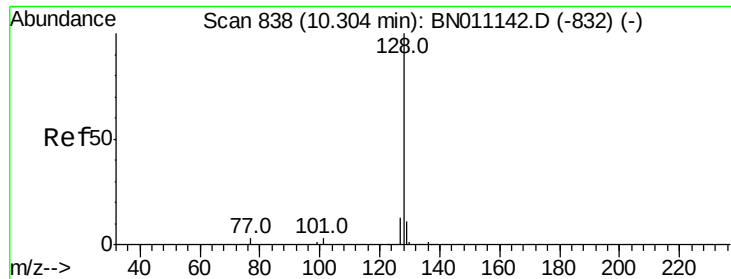


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.403 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

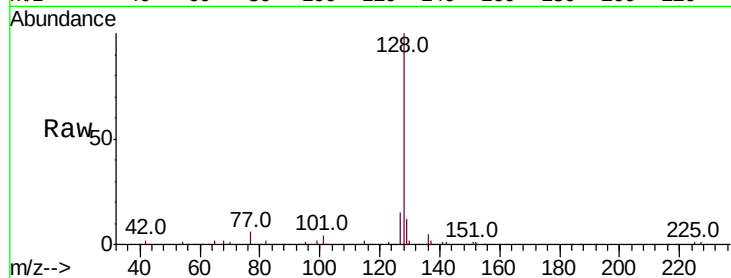
Tot Ion:128 Resp: 6486

Ion Ratio Lower Upper

128 100

129 12.4 9.8 14.6

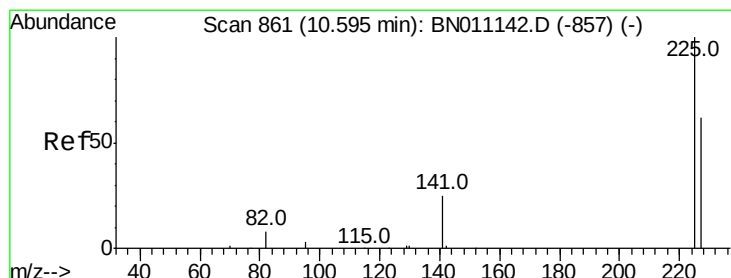
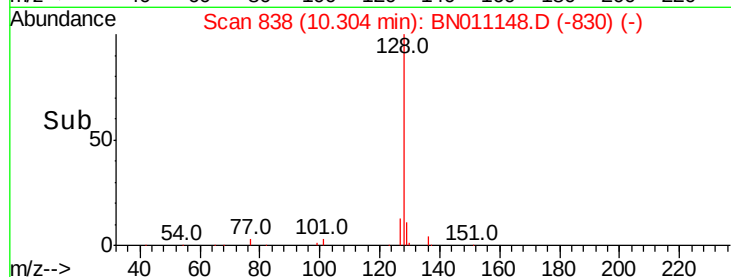
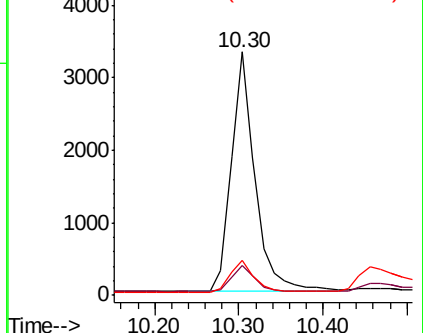
127 14.6 11.8 17.6



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: 0.424 ng

RT: 10.60 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

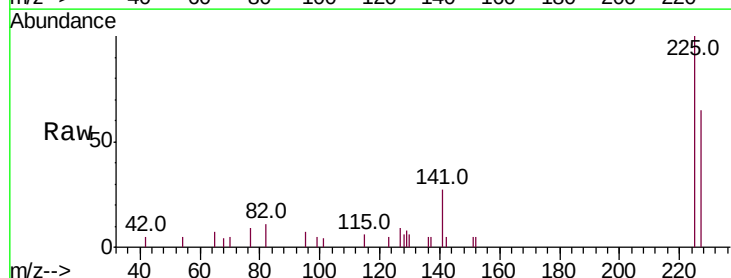
Tgt Ion:225 Resp: 1690

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

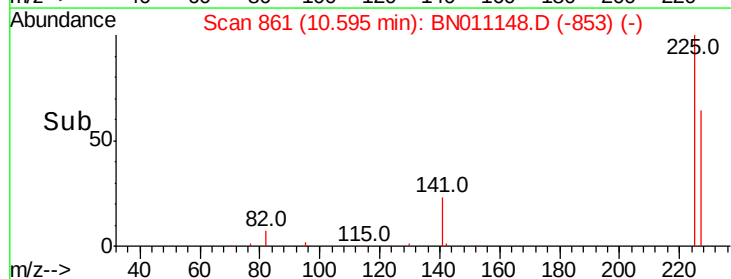
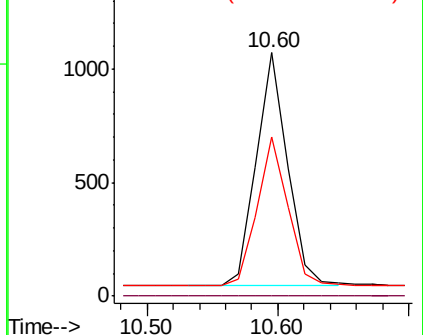
227 63.6 51.2 76.8

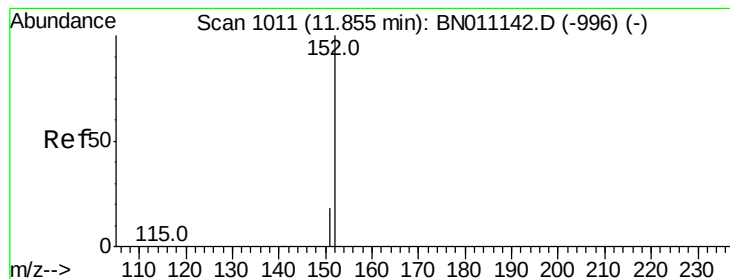


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.441 ng

RT: 11.85 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

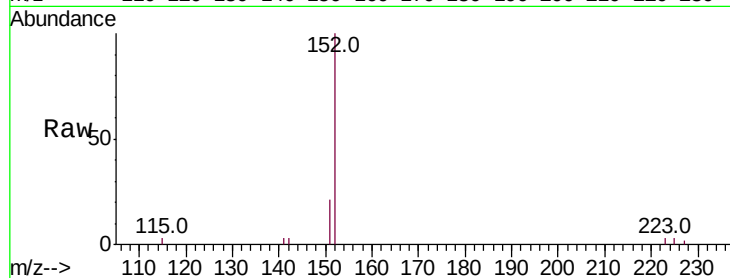
ICVBN071120

Tot Ion:152 Resp: 3864

Ion Ratio Lower Upper

152 100

151 20.7 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.85

2000

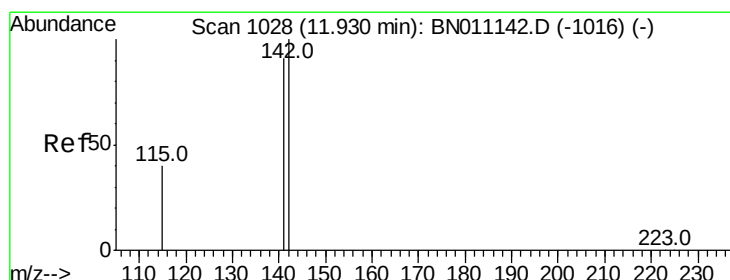
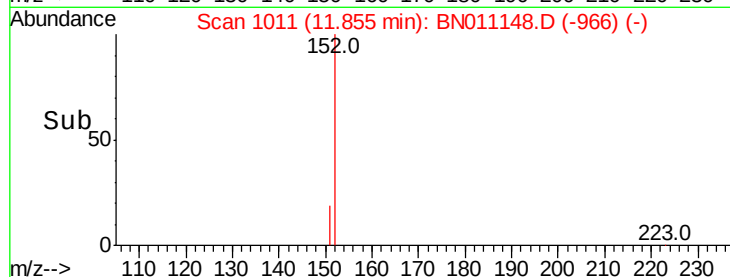
1500

1000

500

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.434 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

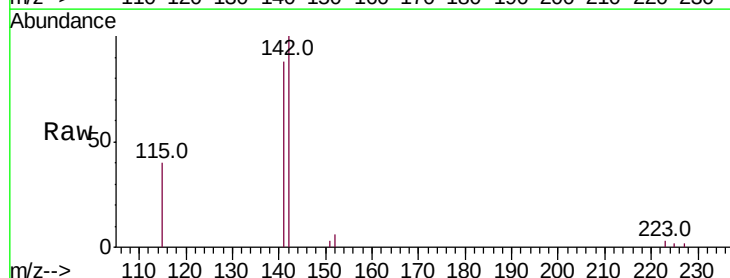
Tgt Ion:142 Resp: 4391

Ion Ratio Lower Upper

142 100

141 88.4 72.7 109.1

115 40.2 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

11.93

3000

2500

2000

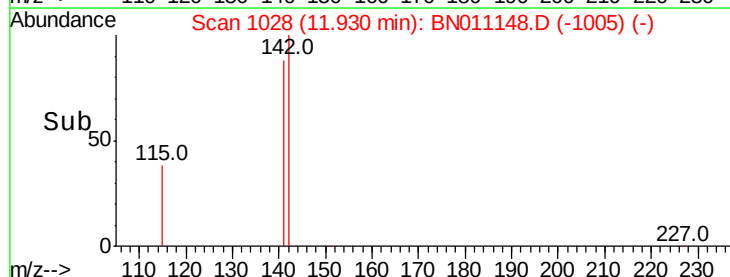
1500

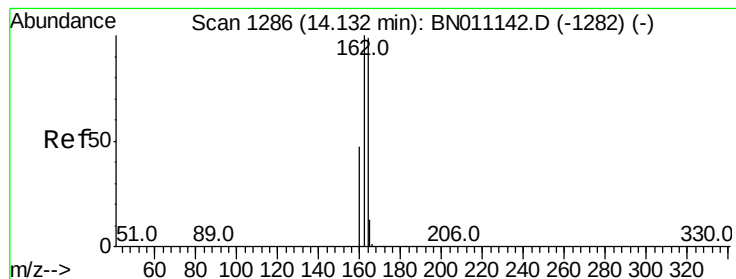
1000

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: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

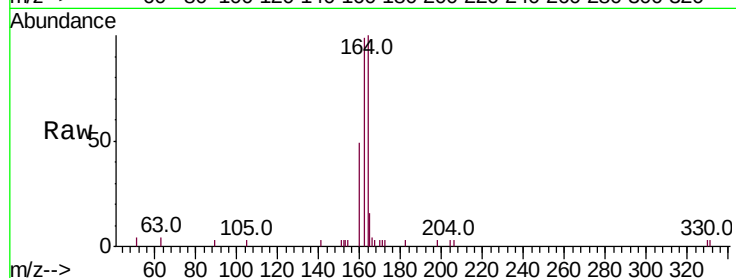
Tot Ion:164 Resp: 2819

Ion Ratio Lower Upper

164 100

162 98.9 81.0 121.4

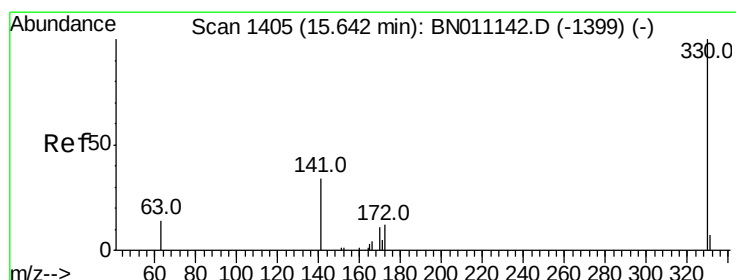
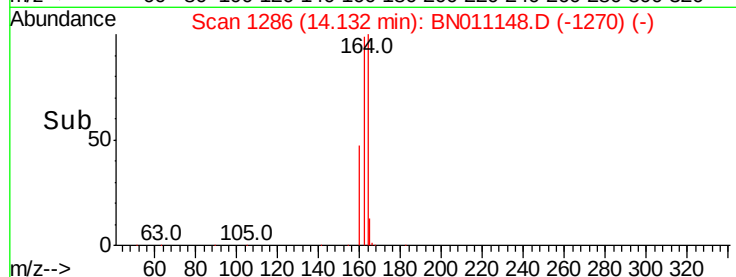
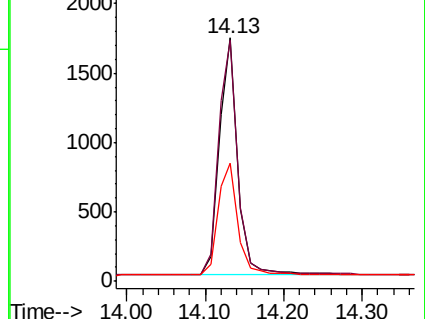
160 48.6 39.0 58.6



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



#14

2,4,6-Tribromophenol

Concen: 0.399 ng

RT: 15.64 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

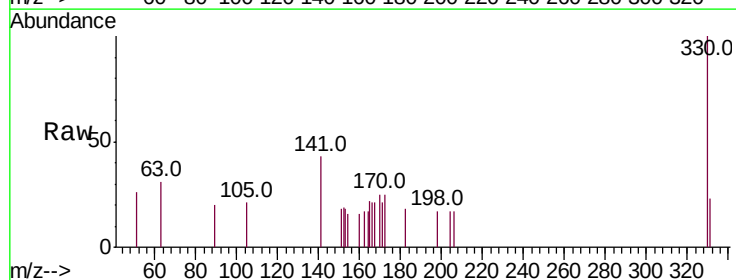
Tgt Ion:330 Resp: 499

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

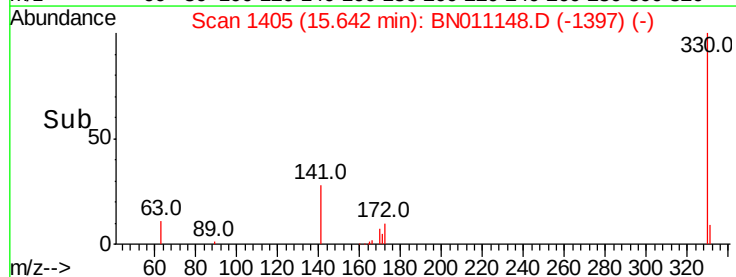
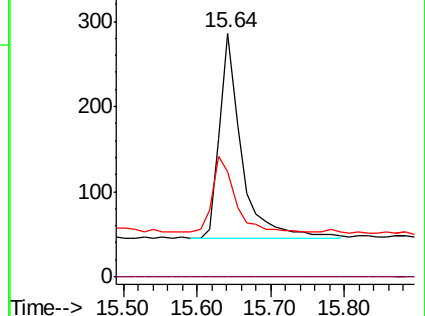
141 38.5 31.5 47.3

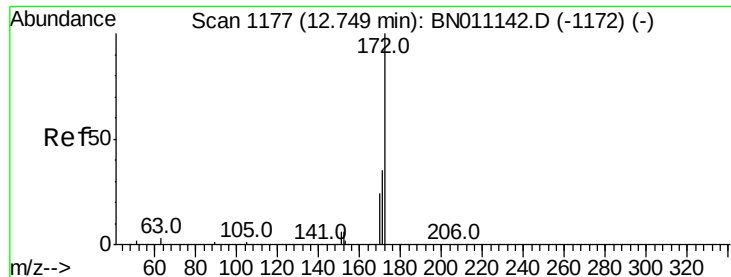


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

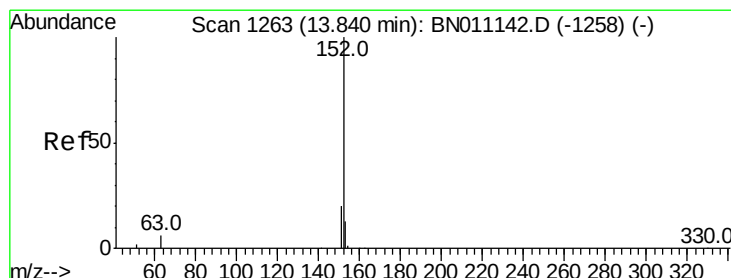
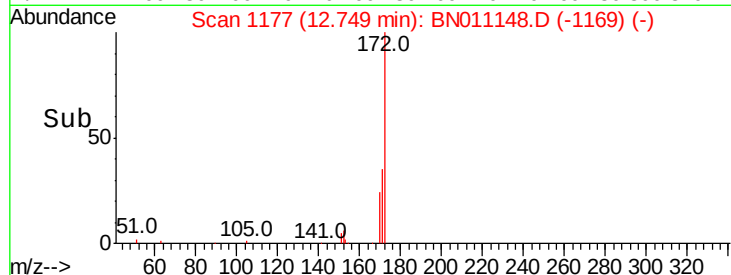
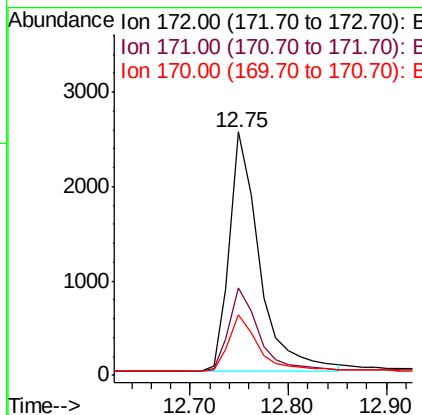
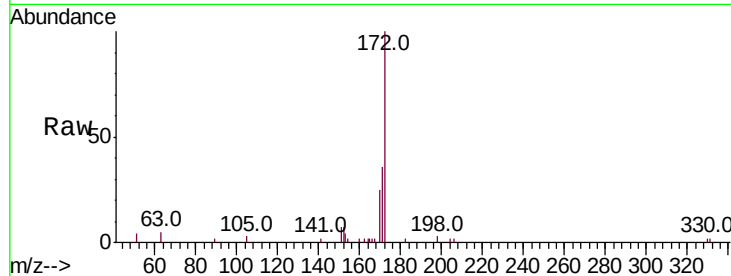




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.75 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

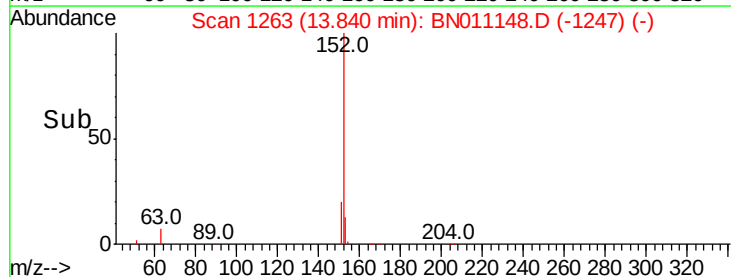
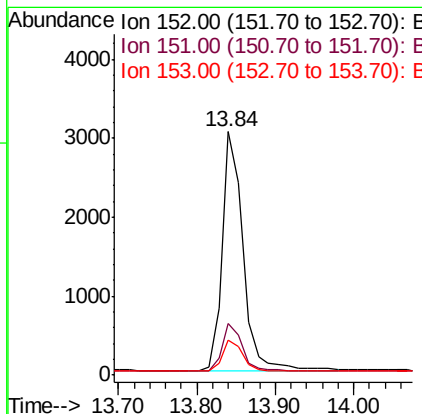
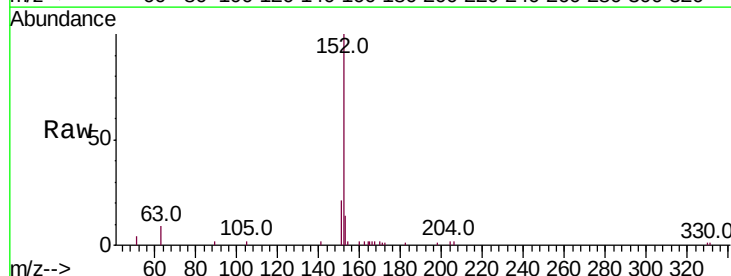
Instrument :
BNA_N
ClientSampleId :
ICVBN071120

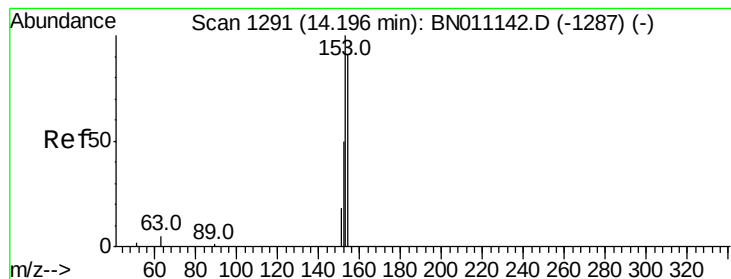
Tot Ion:172 Resp: 5374
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 25.1 20.3 30.5



#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.84 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:152 Resp: 5654
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.5 10.6 15.8





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.20 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

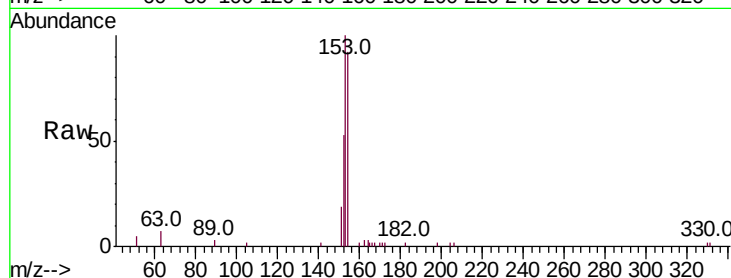
Tot Ion:154 Resp: 3870

Ion Ratio Lower Upper

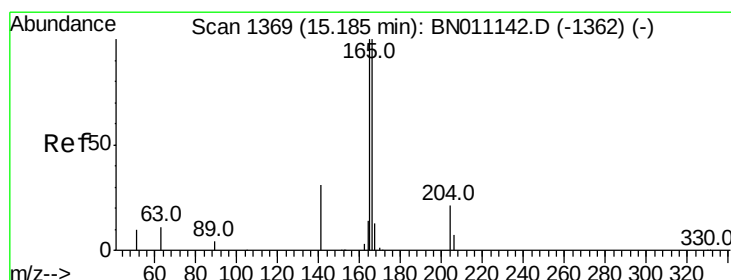
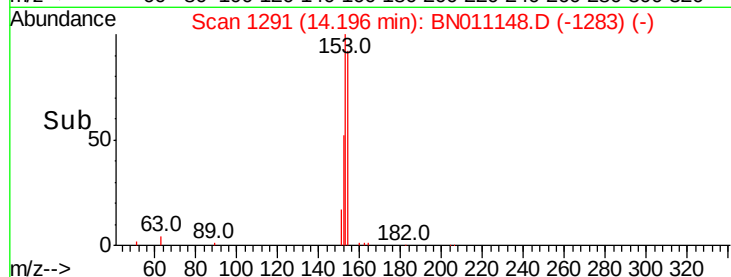
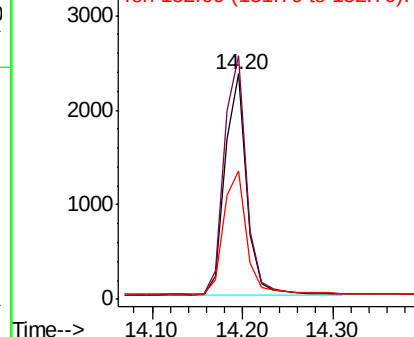
154 100

153 113.6 91.3 136.9

152 59.6 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: 0.397 ng

RT: 15.19 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

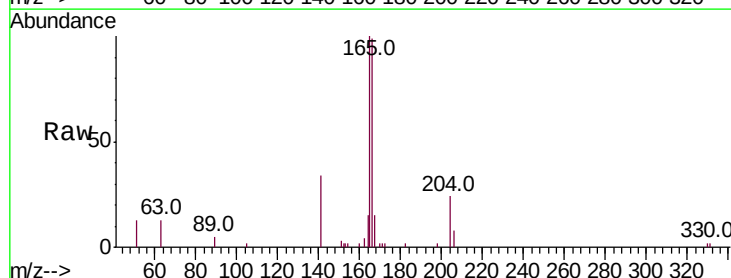
Tgt Ion:166 Resp: 4874

Ion Ratio Lower Upper

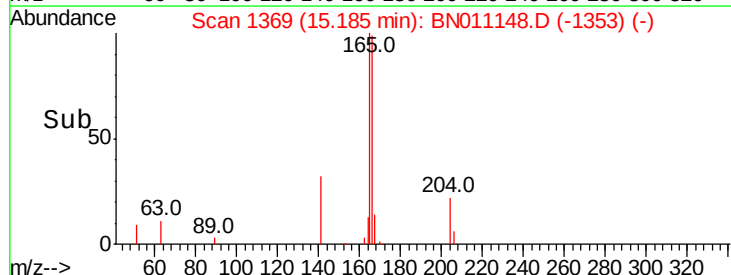
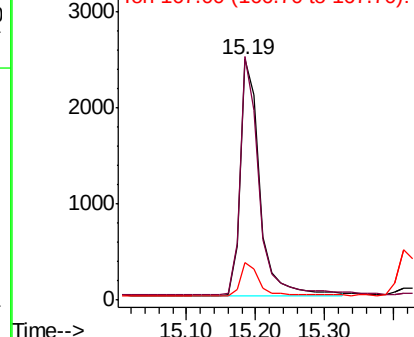
166 100

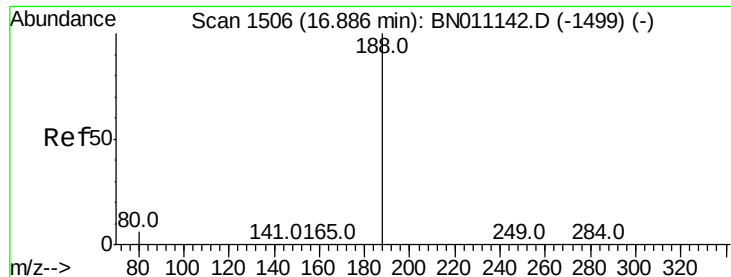
165 97.3 79.1 118.7

167 13.8 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: 16.89 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

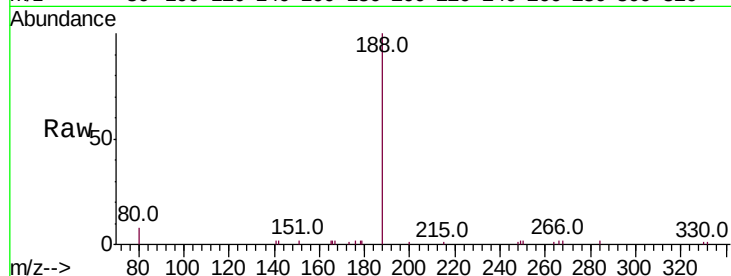
Tot Ion:188 Resp: 5744

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

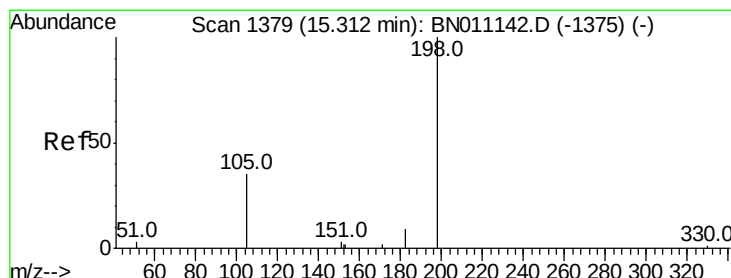
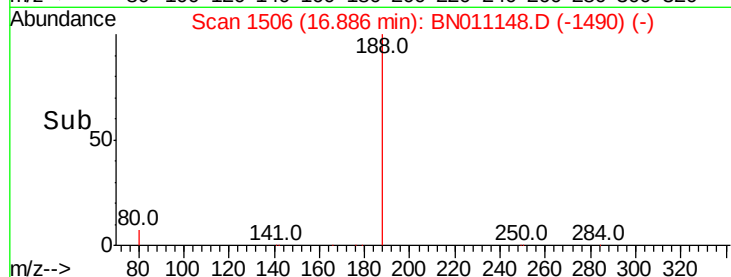
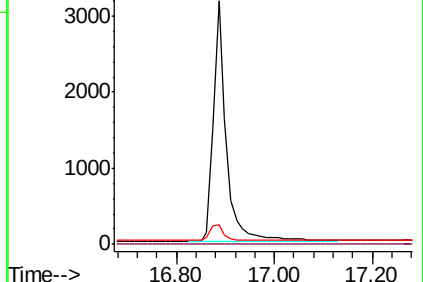
80 8.1 6.3 9.5



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: 0.385 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

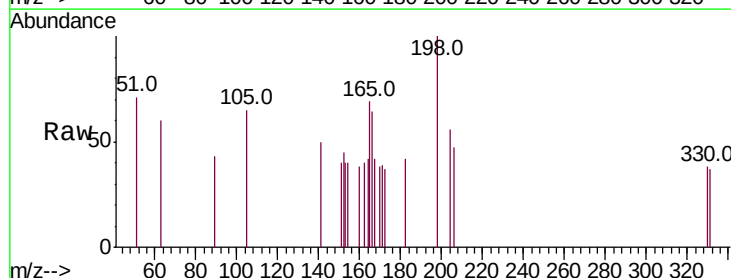
Tgt Ion:198 Resp: 270

Ion Ratio Lower Upper

198 100

51 71.1 53.1 79.7

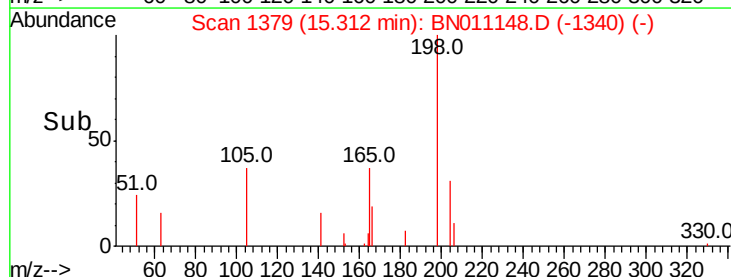
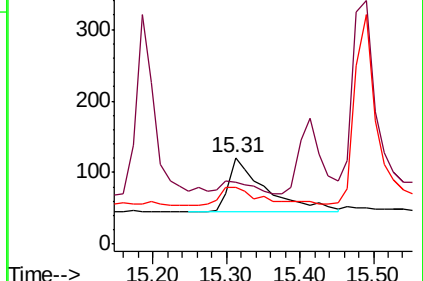
105 65.3 51.9 77.9

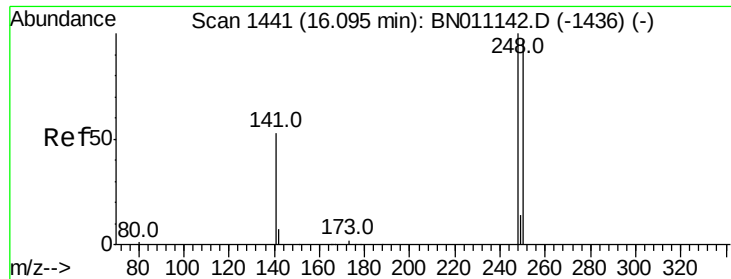


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

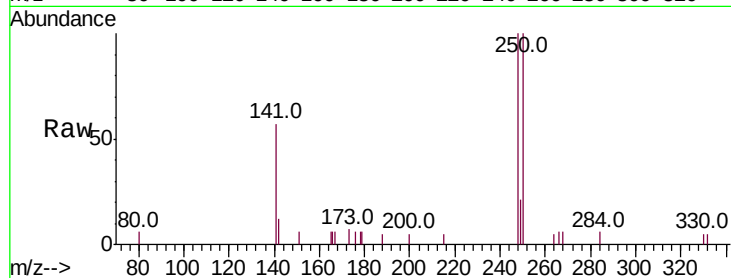




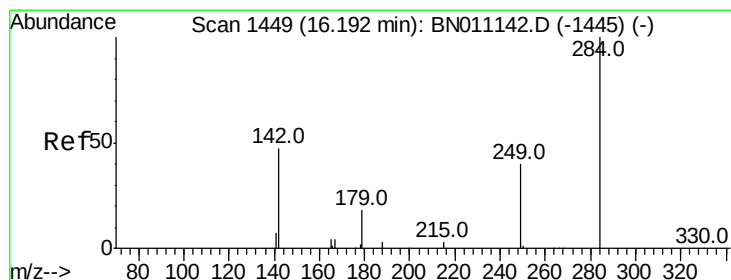
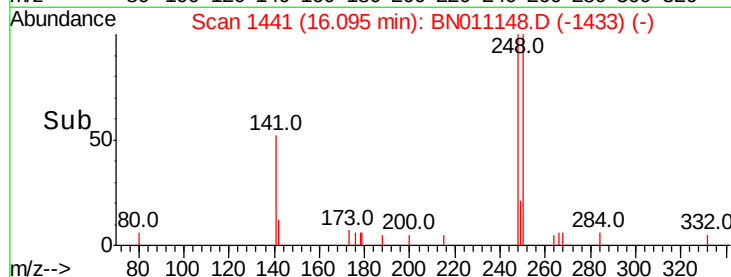
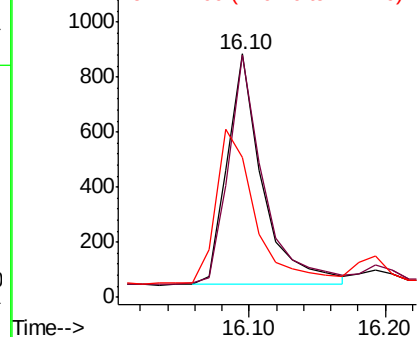
#21
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tot Ion:248 Resp: 1516
Ion Ratio Lower Upper
248 100
250 99.5 78.4 117.6
141 57.5 45.1 67.7

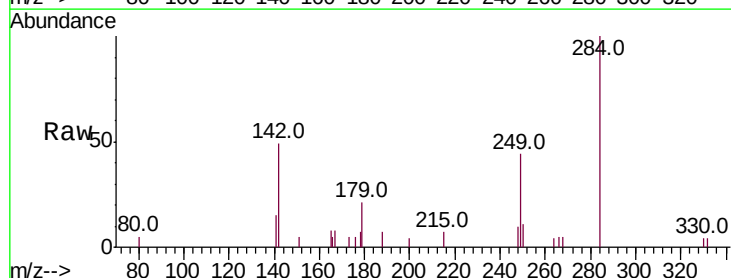


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

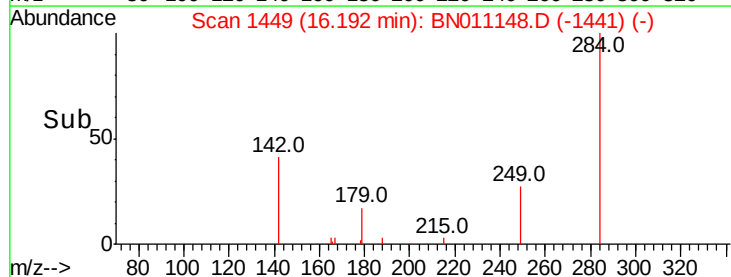
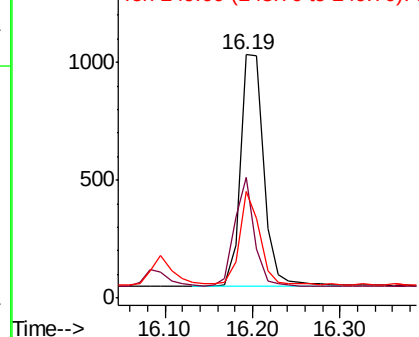


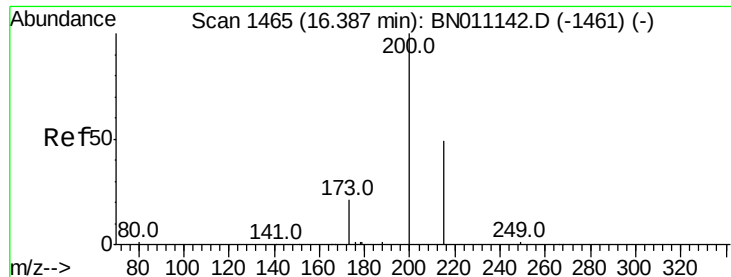
#22
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.19 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:284 Resp: 1836
Ion Ratio Lower Upper
284 100
142 39.9 32.6 48.8
249 34.6 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: 0.396 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

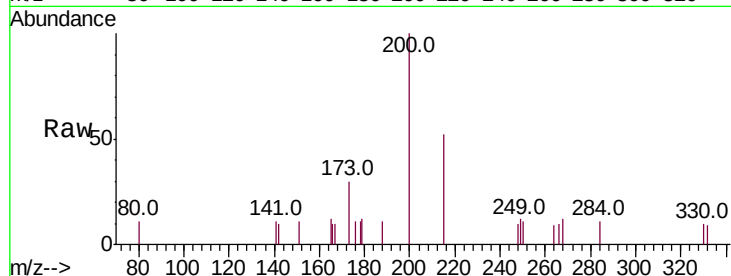
Tot Ion:200 Resp: 1084

Ion Ratio Lower Upper

200 100

173 29.8 23.0 34.4

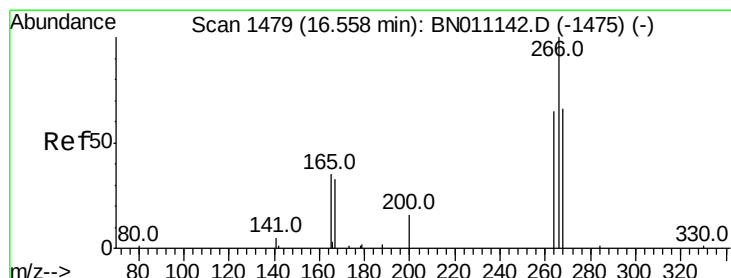
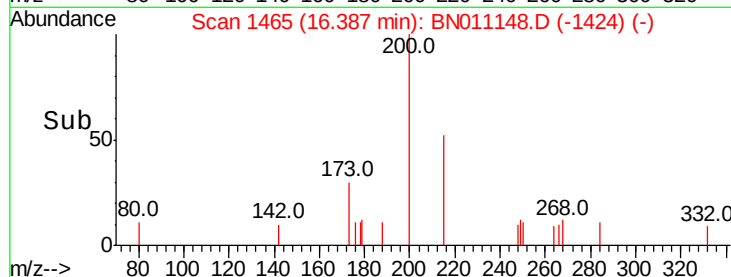
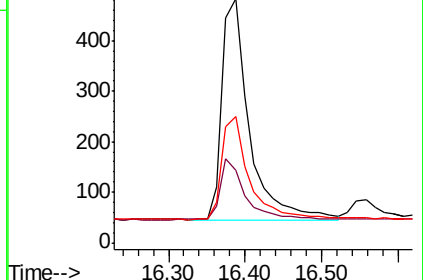
215 51.8 42.6 63.8



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: 0.348 ng

RT: 16.56 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

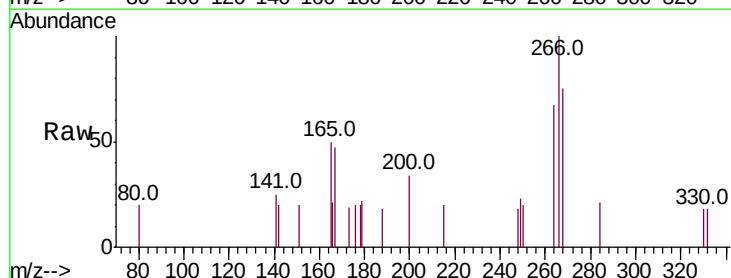
Tgt Ion:266 Resp: 469

Ion Ratio Lower Upper

266 100

264 68.9 52.5 78.7

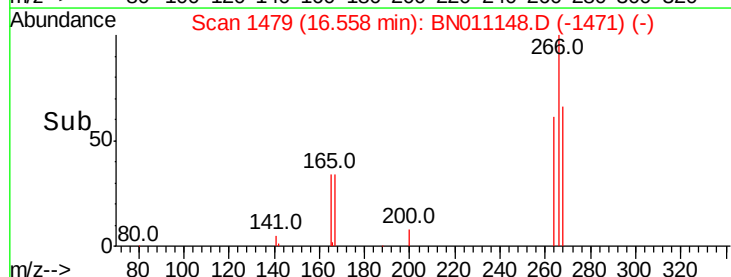
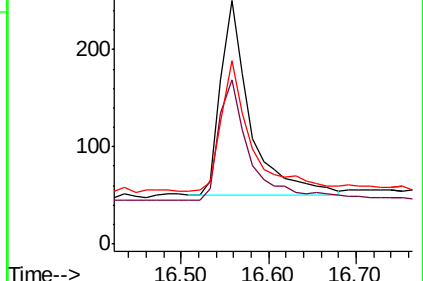
268 68.2 48.9 73.3

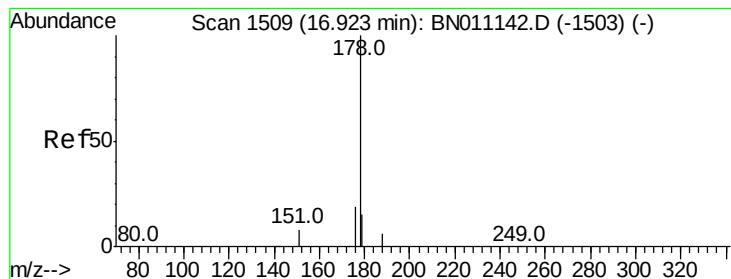


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.397 ng

RT: 16.92 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

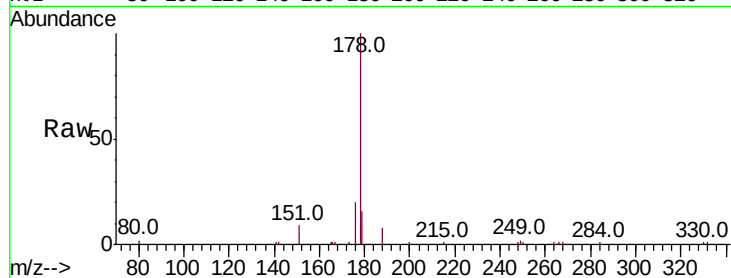
Tot Ion:178 Resp: 7327

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

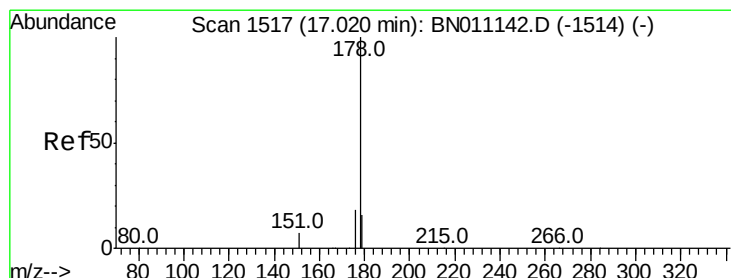
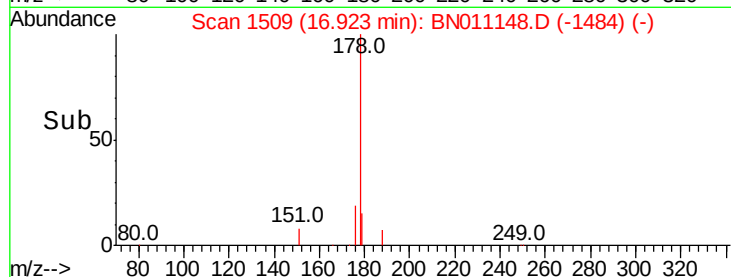
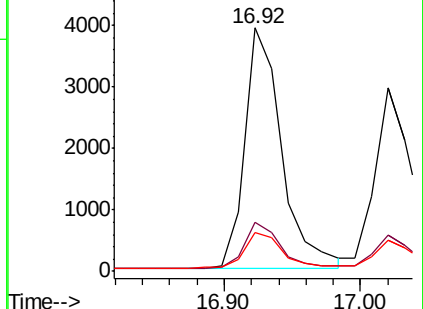
179 15.4 12.6 18.8



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: 0.392 ng

RT: 17.02 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

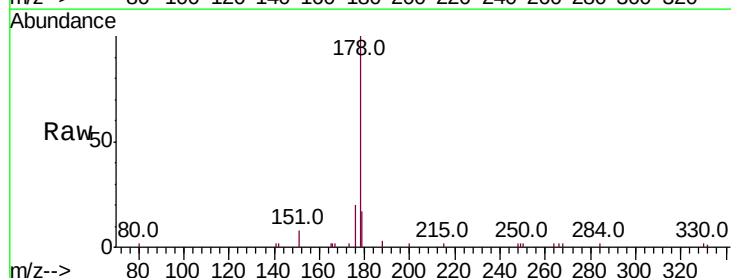
Tgt Ion:178 Resp: 6002

Ion Ratio Lower Upper

178 100

176 18.8 14.5 21.7

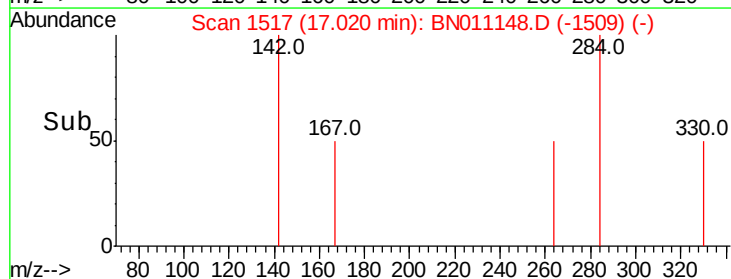
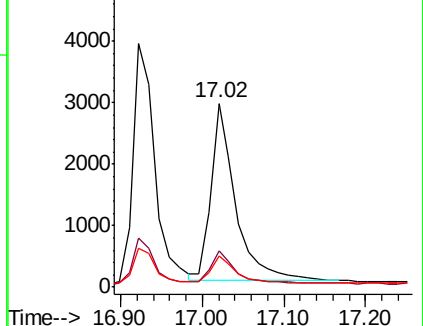
179 15.1 12.0 18.0

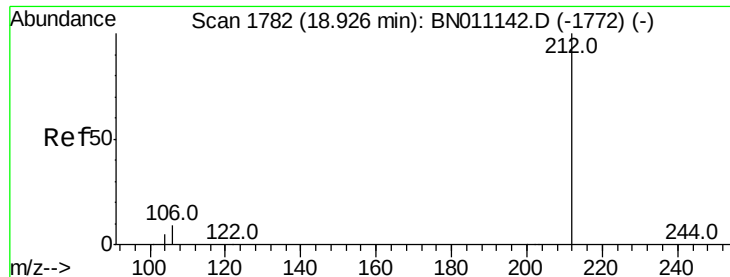


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

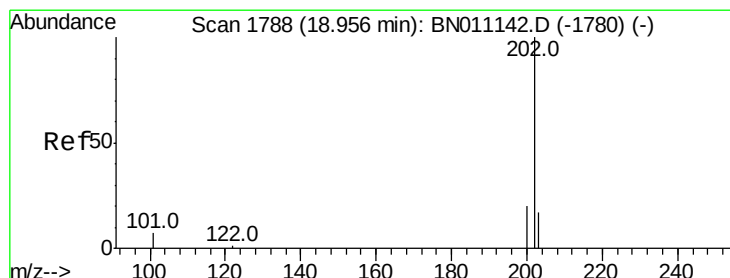
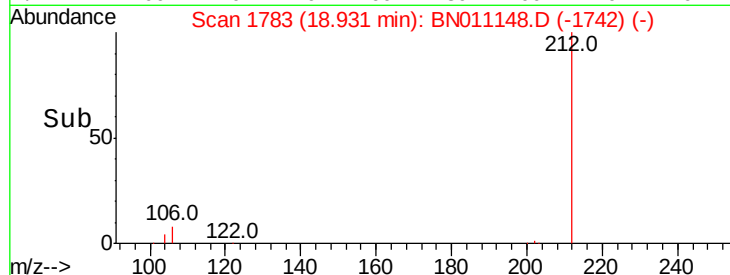
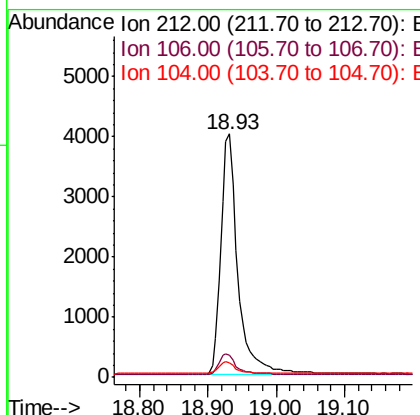
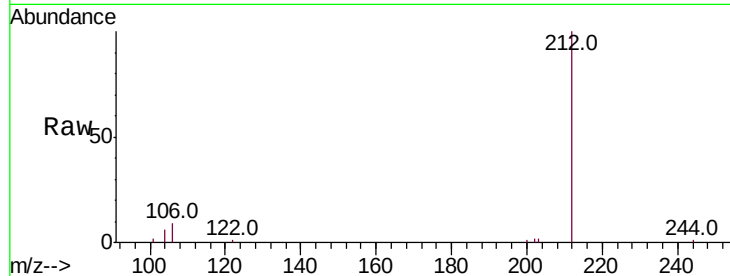




#27
 Fluoranthene-d10
 Concen: 0.386 ng
 RT: 18.93 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BN011148.D
 Acq: 10 Jul 2020 14:36

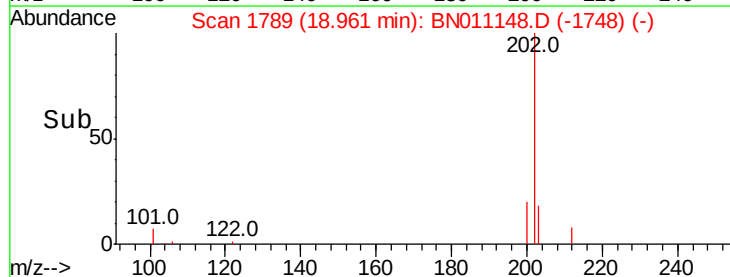
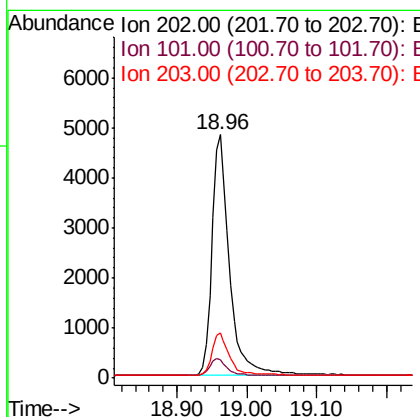
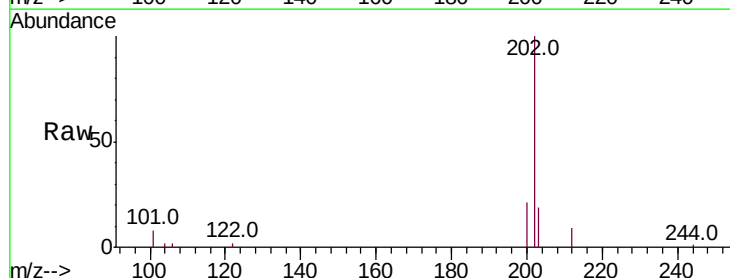
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN071120

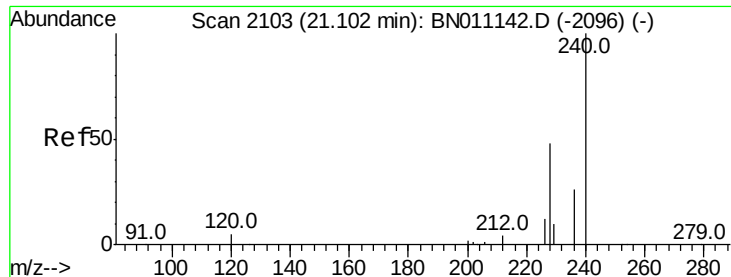
Tot Ion:212 Resp: 6993
 Ion Ratio Lower Upper
 212 100
 106 8.6 7.0 10.6
 104 5.1 4.2 6.4



#28
 Fluoranthene
 Concen: 0.381 ng
 RT: 18.96 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: BN011148.D
 Acq: 10 Jul 2020 14:36

Tgt Ion:202 Resp: 8426
 Ion Ratio Lower Upper
 202 100
 101 7.4 5.9 8.9
 203 17.2 13.6 20.4

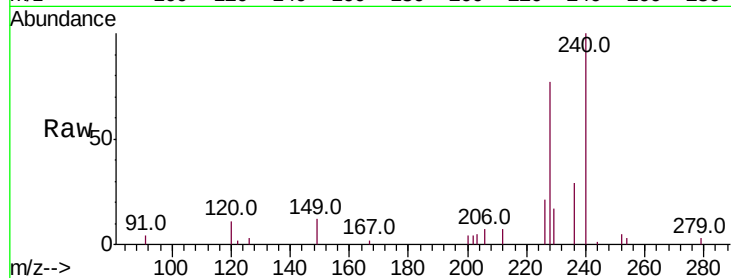




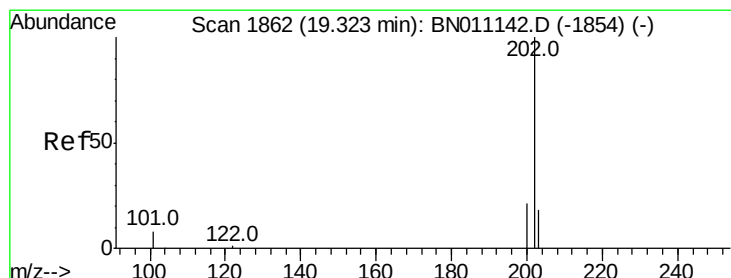
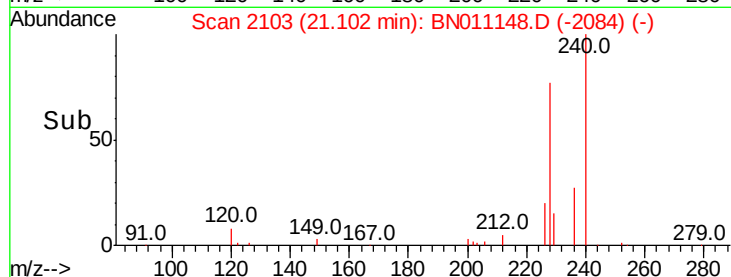
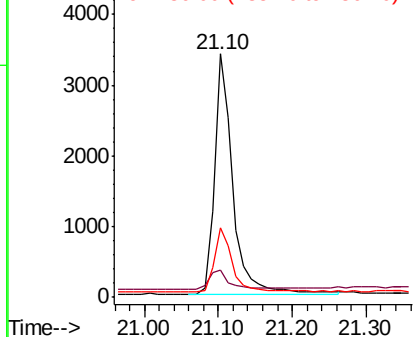
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Instrument :
BNA_N
ClientSampleId :
ICVBN071120

Tot Ion:240 Resp: 5864
Ion Ratio Lower Upper
240 100
120 11.1 6.5 9.7#
236 28.6 21.9 32.9

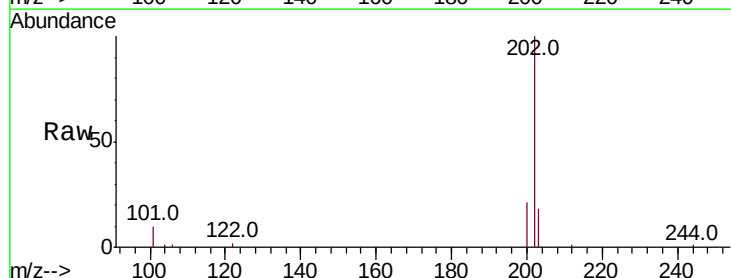


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

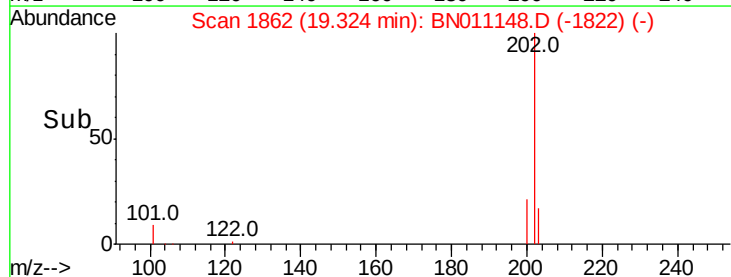
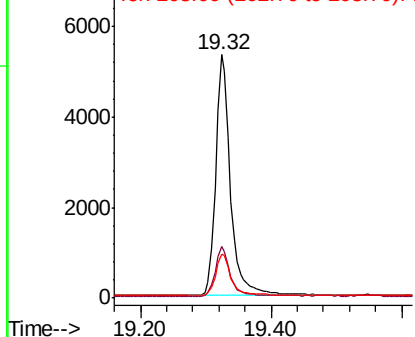


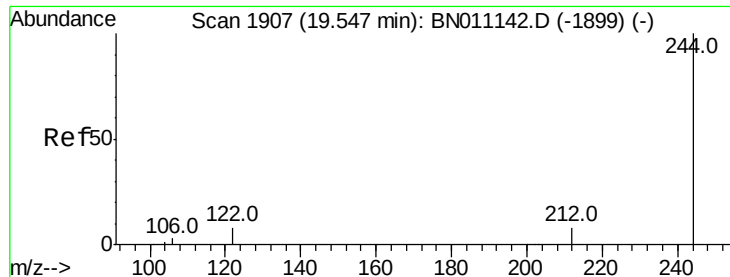
#30
Pyrene
Concen: 0.377 ng
RT: 19.32 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BN011148.D
Acq: 10 Jul 2020 14:36

Tgt Ion:202 Resp: 8439
Ion Ratio Lower Upper
202 100
200 20.3 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: 0.382 ng

RT: 19.55 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

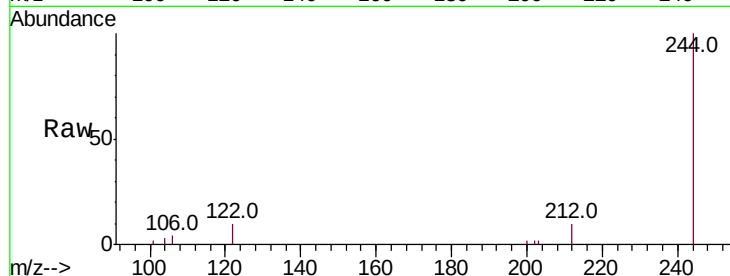
Tot Ion:244 Resp: 5833

Ion Ratio Lower Upper

244 100

212 9.6 7.8 11.6

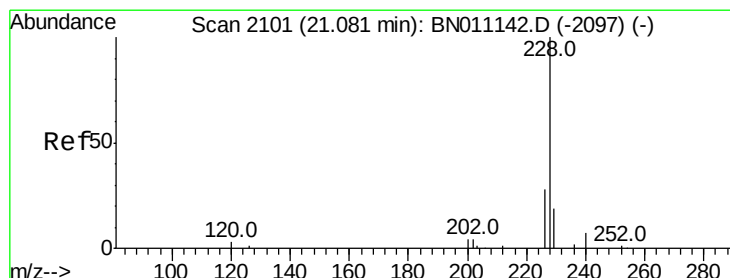
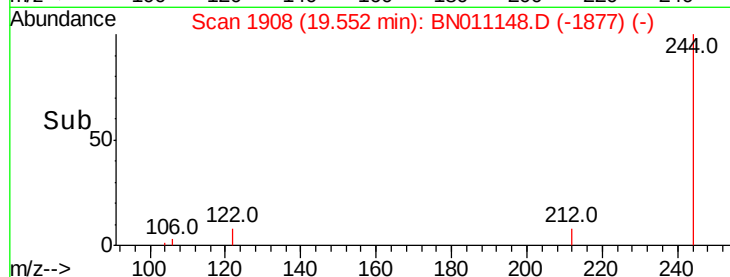
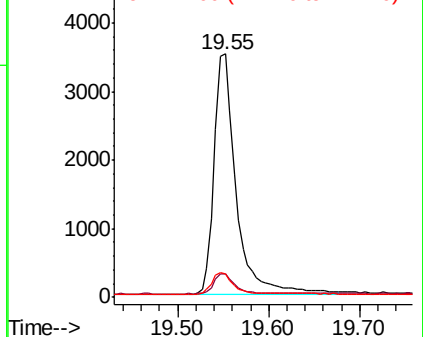
122 9.6 7.4 11.0



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: 0.391 ng

RT: 21.09 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

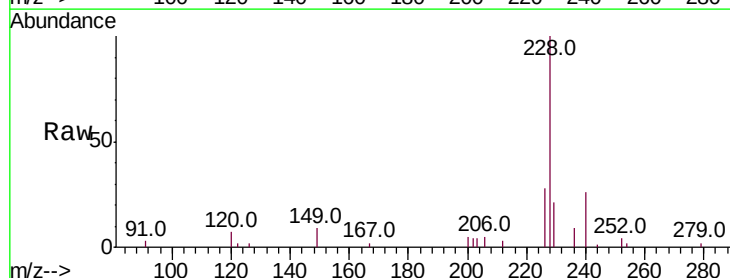
Tgt Ion:228 Resp: 7426

Ion Ratio Lower Upper

228 100

226 27.5 23.2 34.8

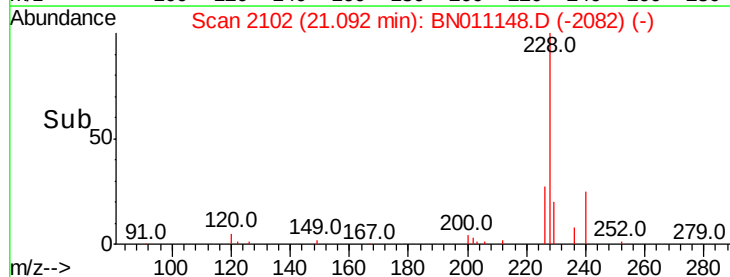
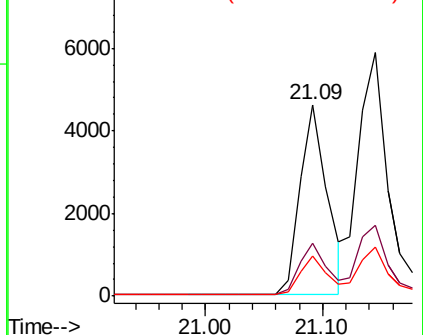
229 20.9 16.2 24.4

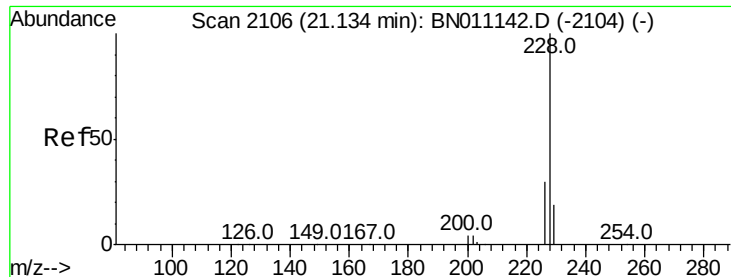


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.438 ng

RT: 21.14 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

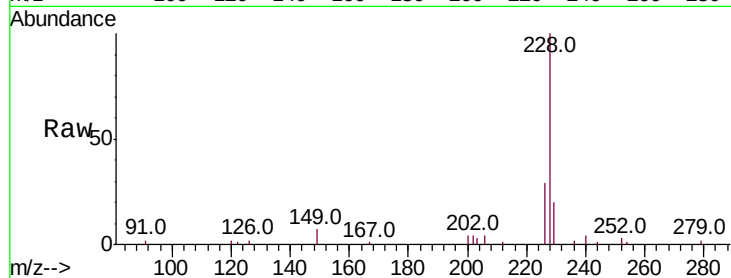
BNA_N

ClientSampleId :

ICVBN071120

Tot Ion:228 Resp: 10167

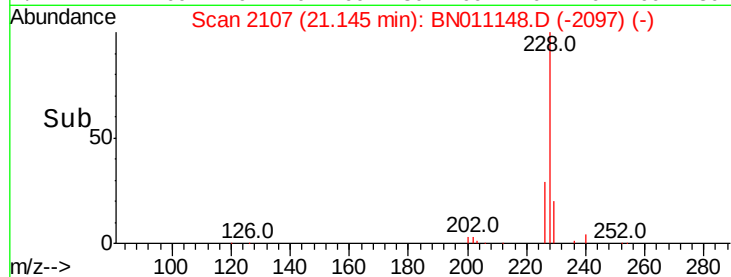
Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.2	16.2	24.4



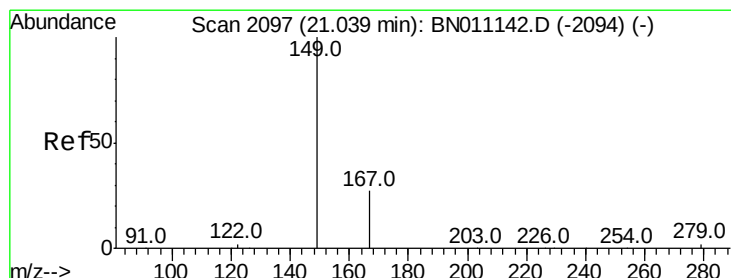
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.417 ng

RT: 21.05 min Scan# 2098

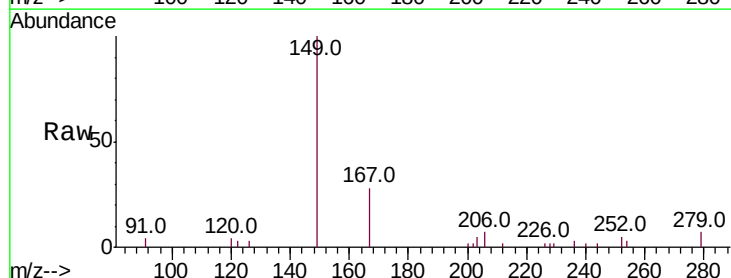
Delta R.T. 0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Tgt Ion:149 Resp: 3266

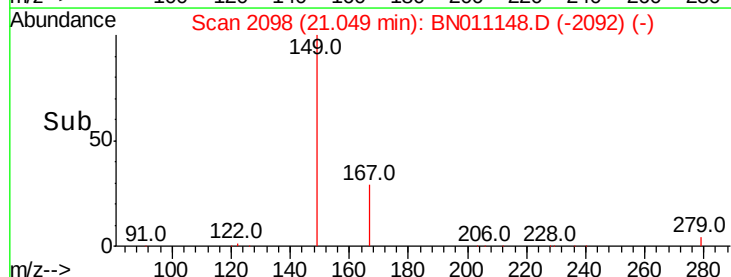
Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.4	35.0
279	5.3	4.5	6.7



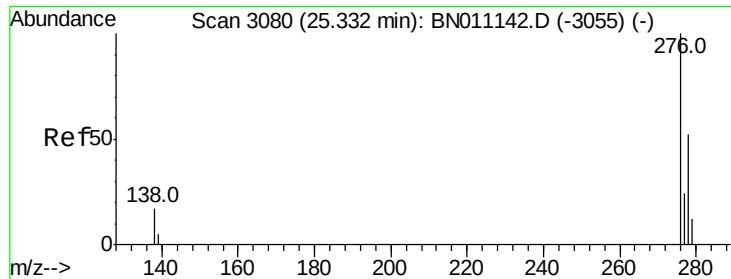
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



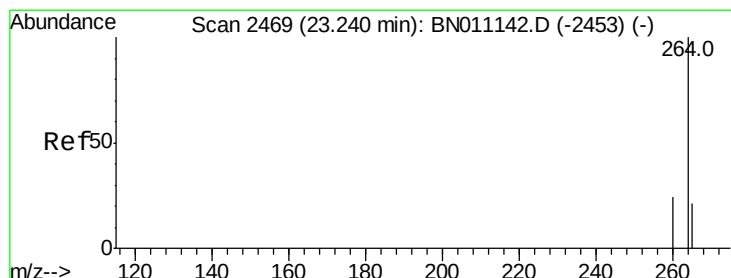
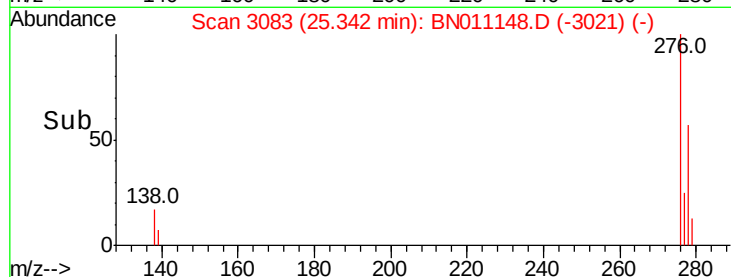
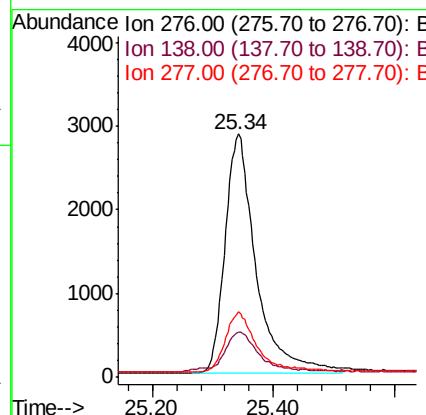
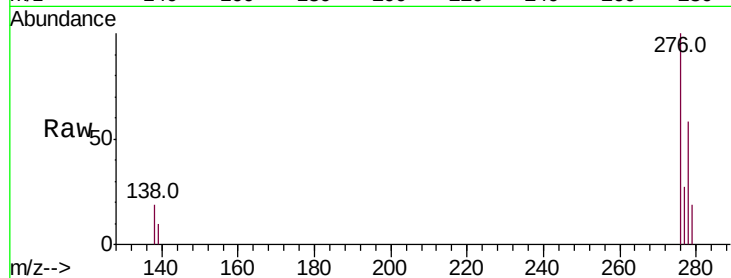
Time-->



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.426 ng
 RT: 25.34 min Scan# 3083
 Delta R.T. 0.01 min
 Lab File: BN011148.D
 Acq: 10 Jul 2020 14:36

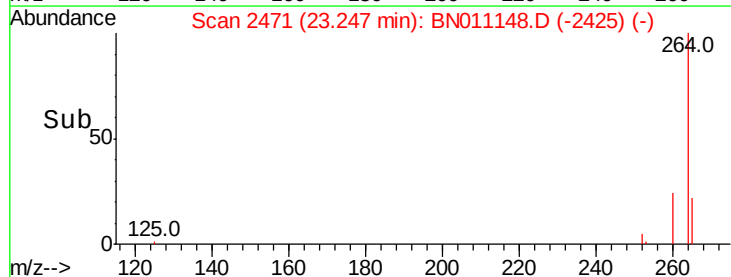
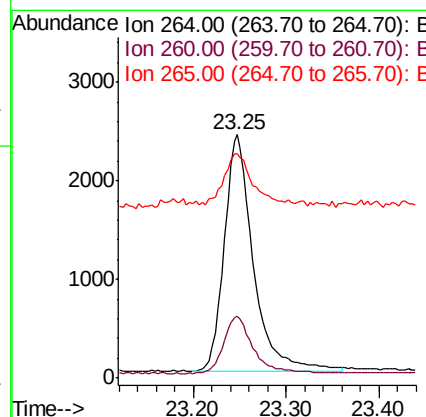
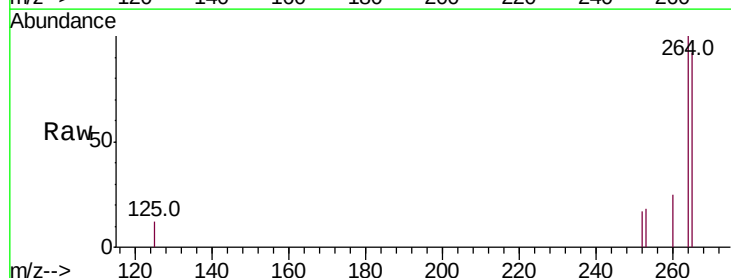
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN071120

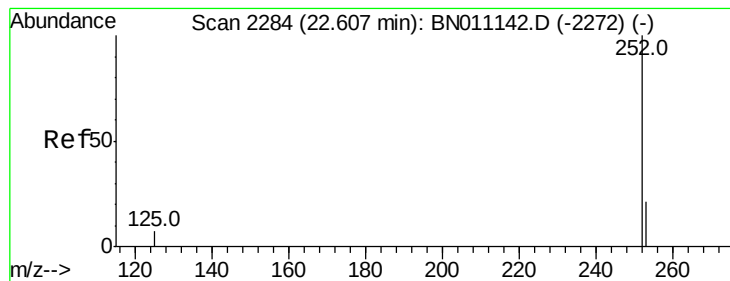
Tot Ion:276 Resp: 10217
 Ion Ratio Lower Upper
 276 100
 138 16.7 13.0 19.6
 277 25.0 19.7 29.5



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: BN011148.D
 Acq: 10 Jul 2020 14:36

Tgt Ion:264 Resp: 5282
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 92.3 76.6 115.0





#37

Benzo(b)fluoranthene

Concen: 0.371 ng

RT: 22.61 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

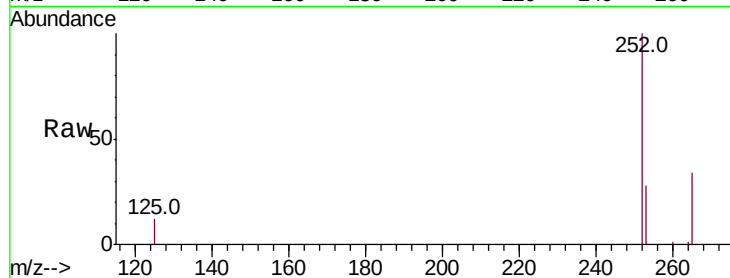
Tot Ion:252 Resp: 7874

Ion Ratio Lower Upper

252 100

253 28.0 22.6 34.0

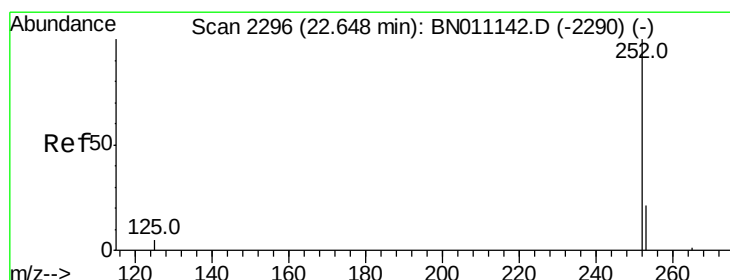
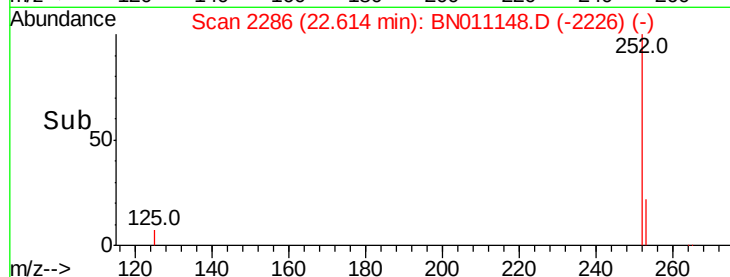
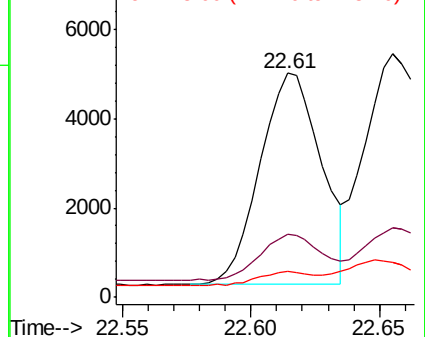
125 11.9 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 0.424 ng

RT: 22.66 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

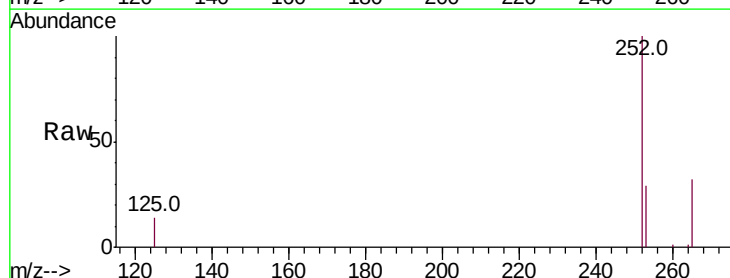
Tgt Ion:252 Resp: 10169

Ion Ratio Lower Upper

252 100

253 28.6 22.2 33.4

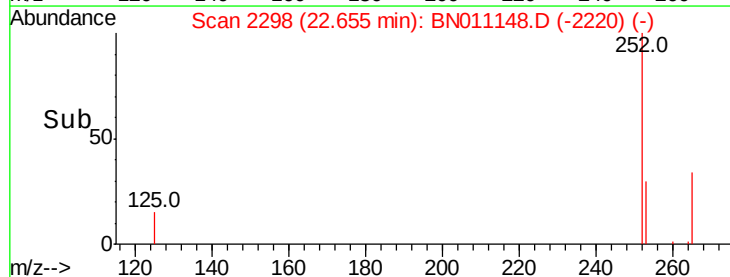
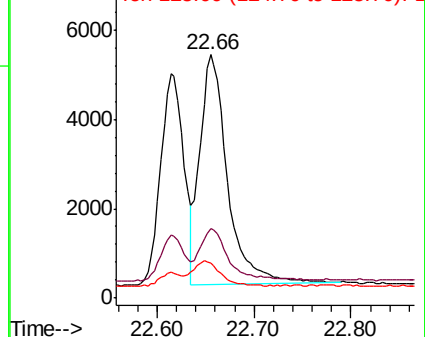
125 14.3 11.0 16.4

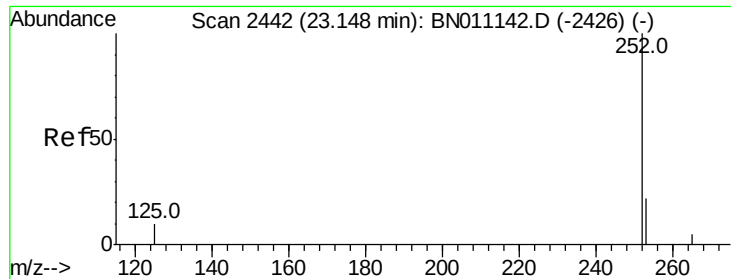


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.15 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

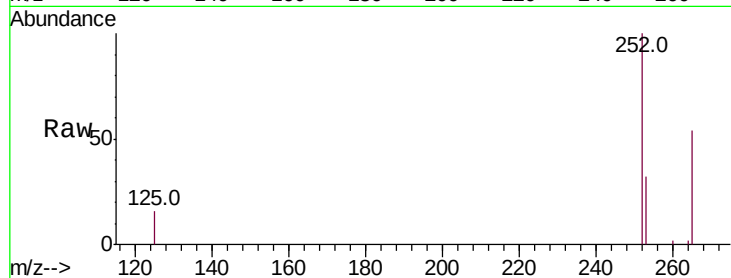
Tot Ion:252 Resp: 7650

Ion Ratio Lower Upper

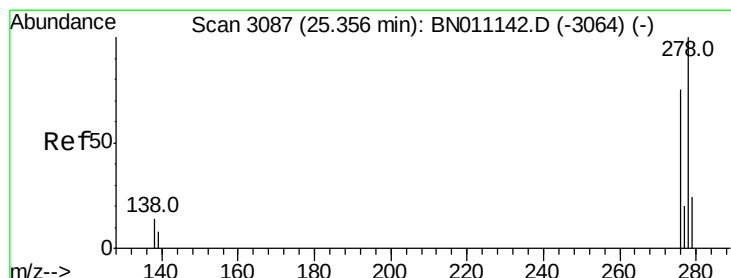
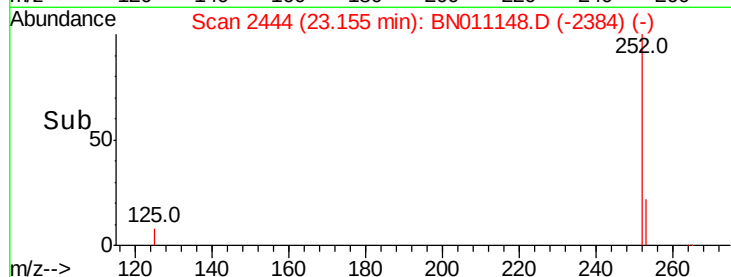
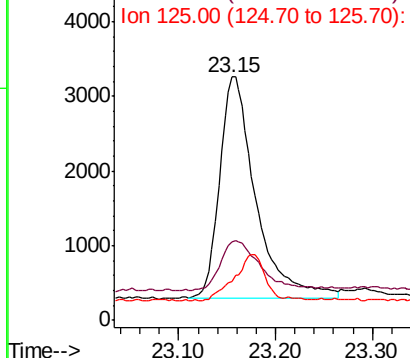
252 100

253 32.0 25.8 38.6

125 16.0 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: 0.406 ng

RT: 25.36 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

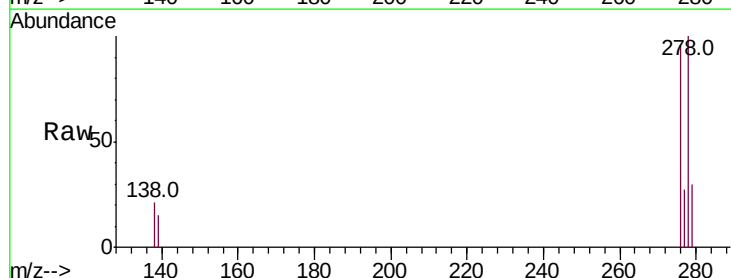
Tgt Ion:278 Resp: 8228

Ion Ratio Lower Upper

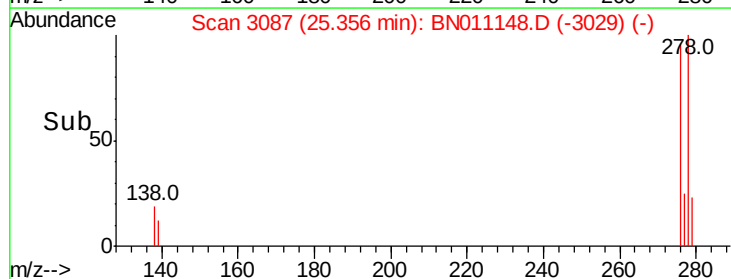
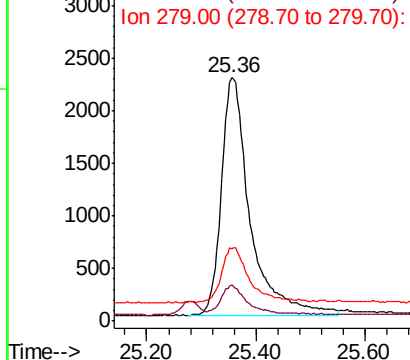
278 100

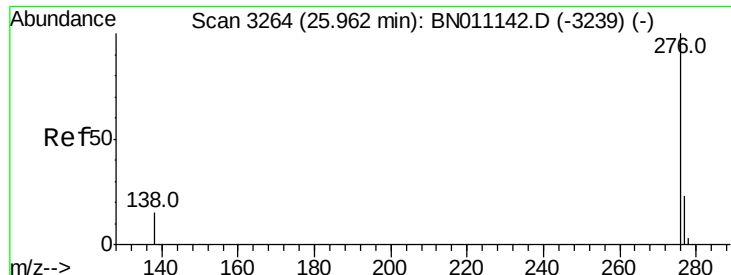
139 14.8 11.7 17.5

279 29.5 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: 0.385 ng

RT: 25.97 min Scan# 3266

Delta R.T. 0.01 min

Lab File: BN011148.D

Acq: 10 Jul 2020 14:36

Instrument :

BNA_N

ClientSampleId :

ICVBN071120

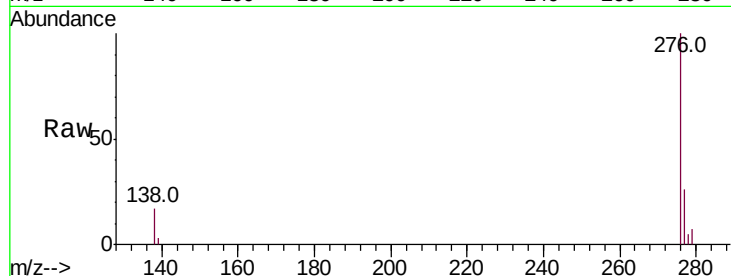
Tot Ion:276 Resp: 8553

Ion Ratio Lower Upper

276 100

277 25.9 20.5 30.7

138 17.3 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

