

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
 Data File : BN011147.D
 Acq On : 10 Jul 2020 13:58
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jul 10 14:28:17 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 11:21:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1777	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5706	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2677	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	5468	0.40	ng	0.00
29) Chrysene-d12	21.10	240	4832	0.40	ng	0.00
36) Perylene-d12	23.24	264	4664	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	872	0.20	ng	0.00
5) Phenol-d6	6.72	99	1008	0.20	ng	0.00
8) Nitrobenzene-d5	8.66	82	919	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	1861	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	241	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	2654	0.21	ng	0.01
27) Fluoranthene-d10	18.94	212	4008	0.24	ng	0.01
31) Terphenyl-d14	19.55	244	3241	0.26	ng	0.00

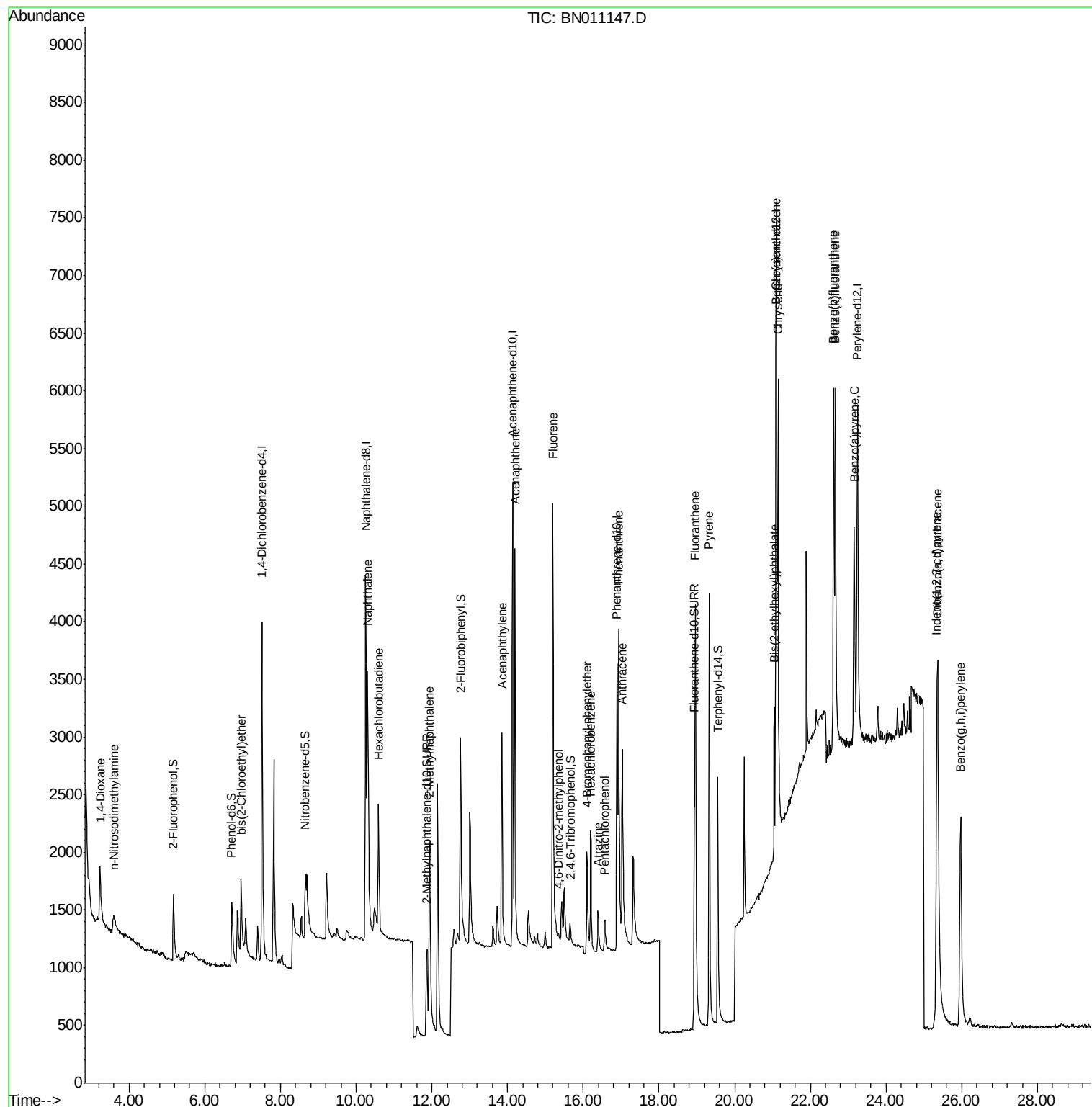
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	656	0.262	ng	# 90
3) n-Nitrosodimethylamine	3.59	42	225	0.178	ng	# 67
6) bis(2-Chloroethyl)ether	6.96	93	1033	0.224	ng	91
9) Naphthalene	10.30	128	3690	0.217	ng	97
10) Hexachlorobutadiene	10.60	225	908	0.210	ng	# 99
12) 2-Methylnaphthalene	11.94	142	2139	0.188	ng	98
16) Acenaphthylene	13.85	152	2848	0.212	ng	99
17) Acenaphthene	14.20	154	1985	0.218	ng	99
18) Fluorene	15.20	166	2437	0.214	ng	99
20) 4,6-Dinitro-2-methylphenol	15.34	198	132	0.226	ng	# 57
21) 4-Bromophenyl-phenylether	16.10	248	716	0.197	ng	# 84
22) Hexachlorobenzene	16.20	284	940	0.219	ng	97
23) Atrazine	16.39	200	529	0.206	ng	# 91
24) Pentachlorophenol	16.57	266	272	0.236	ng	95
25) Phenanthrene	16.93	178	3630	0.205	ng	99
26) Anthracene	17.03	178	2857	0.195	ng	98
28) Fluoranthene	18.97	202	4730	0.238	ng	99
30) Pyrene	19.33	202	4666	0.259	ng	99
32) Benzo(a)anthracene	21.09	228	3193	0.198	ng	98
33) Chrysene	21.14	228	4727	0.255	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	1364	0.209	ng	99
35) Indeno(1,2,3-cd)pyrene	25.34	276	5601	0.289	ng	99
37) Benzo(b)fluoranthene	22.61	252	4063	0.217	ng	# 89
38) Benzo(k)fluoranthene	22.66	252	5173	0.259	ng	# 87
39) Benzo(a)pyrene	23.15	252	3909	0.243	ng	# 82
40) Dibenzo(a,h)anthracene	25.36	278	4902	0.297	ng	93
41) Benzo(g,h,i)perylene	25.97	276	4581	0.252	ng	97

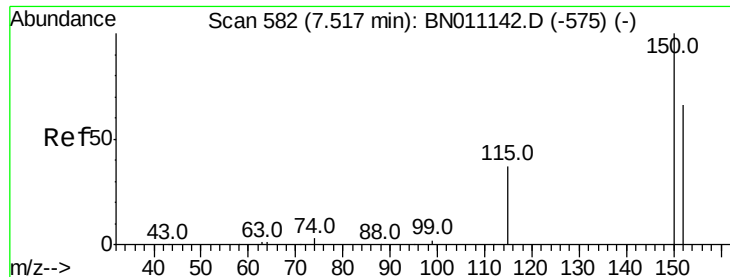
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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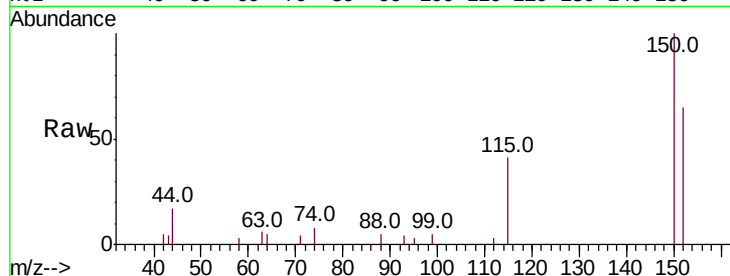


#1

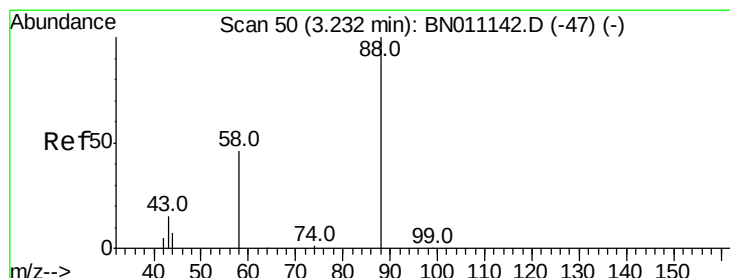
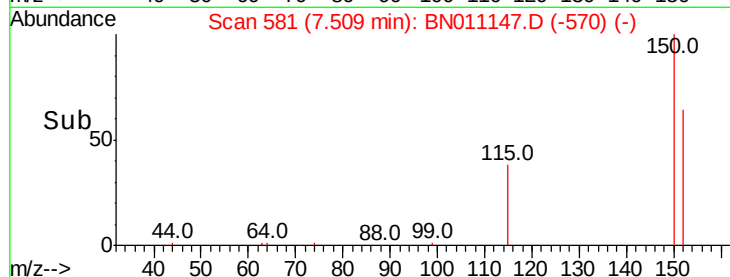
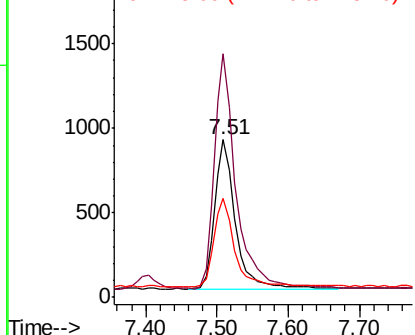
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011147.D
Acq: 10 Jul 2020 13:58

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 1777
Ion Ratio Lower Upper
152 100
150 154.8 119.4 179.0
115 62.7 48.3 72.5



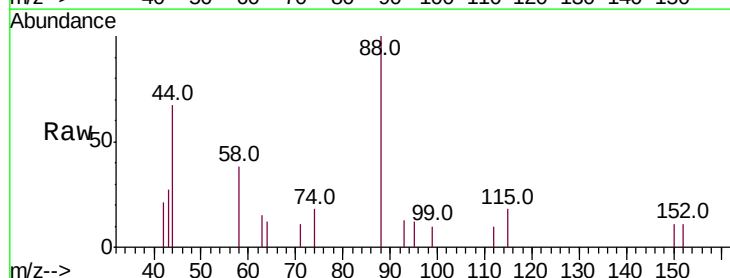
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



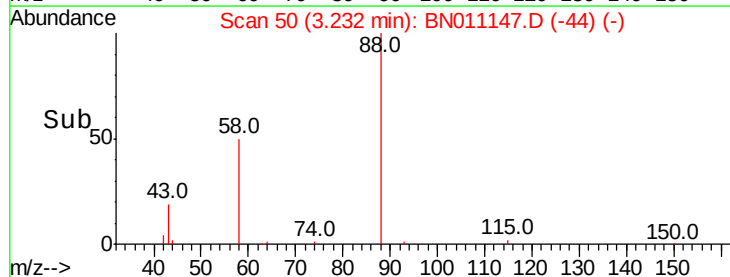
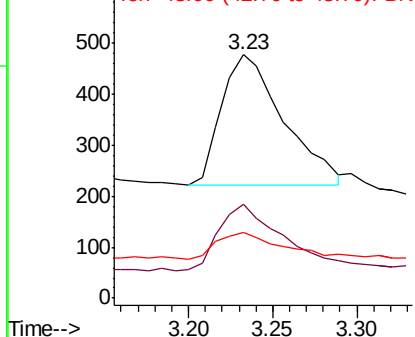
#2

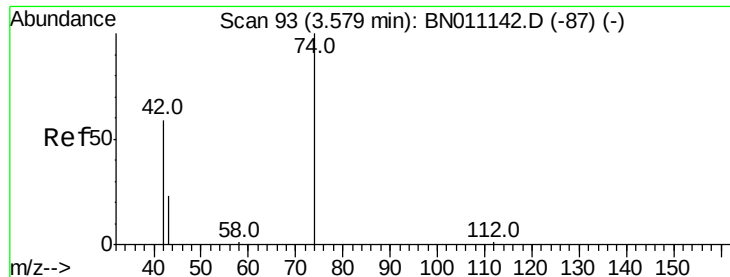
1,4-Dioxane
Concen: 0.262 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN011147.D
Acq: 10 Jul 2020 13:58

Tgt Ion: 88 Resp: 656
Ion Ratio Lower Upper
88 100
58 52.6 36.5 54.7
43 21.8 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



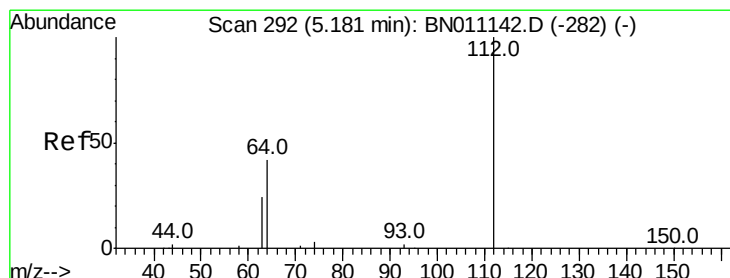
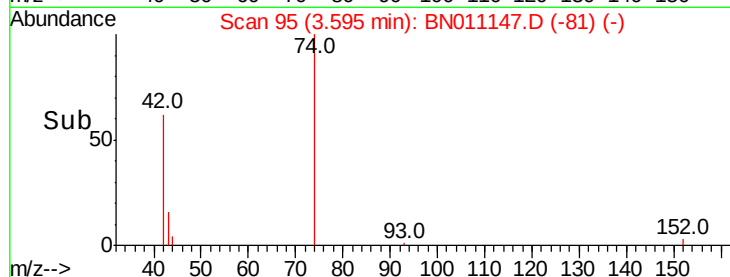
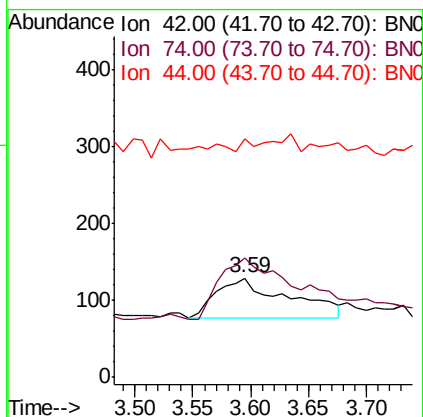
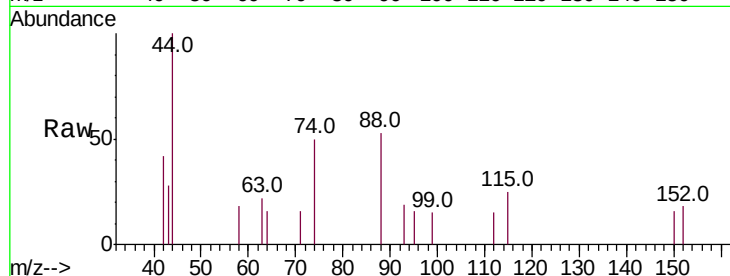


#3

n-Nitrosodimethylamine
 Concen: 0.178 ng
 RT: 3.59 min Scan# 95
 Delta R.T. 0.02 min
 Lab File: BN011147.D
 Acq: 10 Jul 2020 13:58

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

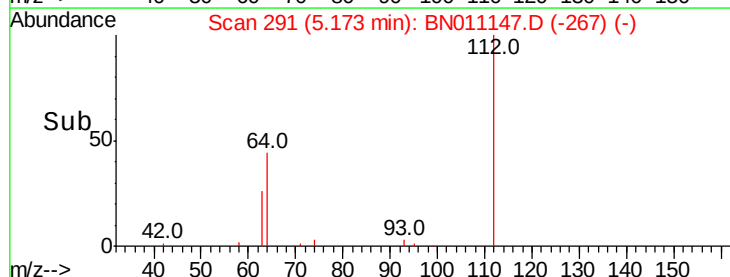
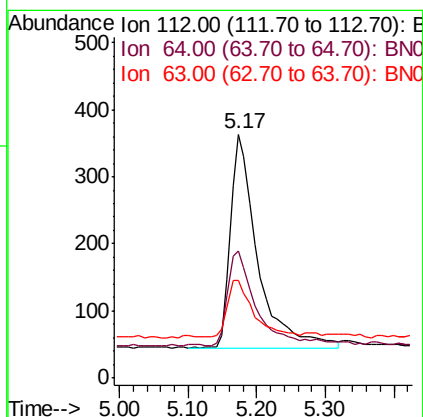
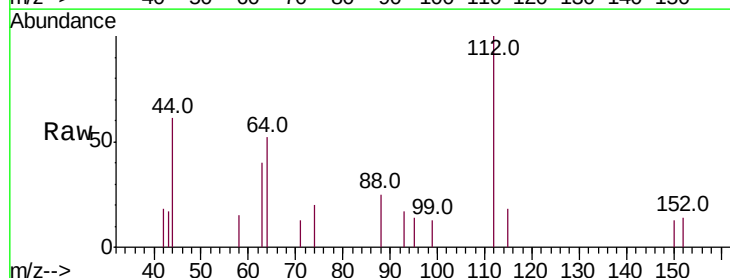
Tot Ion	Ratio	Lower	Upper
42	100		
74	129.8	140.9	211.3#
44	0.0	7.6	11.4#

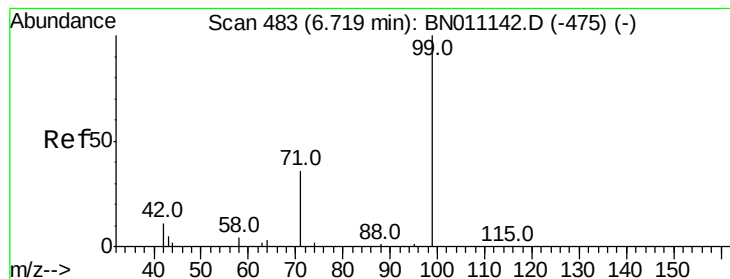


#4

2-Fluorophenol
 Concen: 0.197 ng
 RT: 5.17 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: BN011147.D
 Acq: 10 Jul 2020 13:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	36.7	55.1
63	25.3	20.4	30.6





#5

Phenol-d6

Concen: 0.198 ng

RT: 6.72 min Scan# 483

Delta R.T. 0.00 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

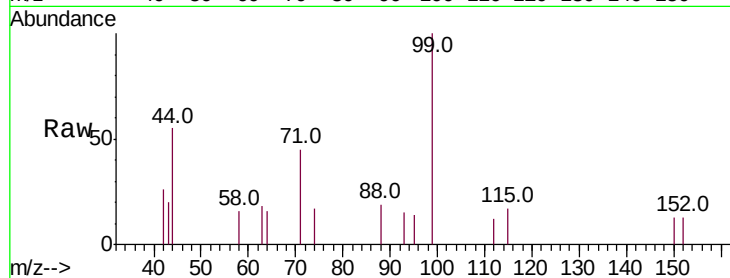
Tot Ion: 99 Resp: 1008

Ion Ratio Lower Upper

99 100

42 14.6 10.8 16.2

71 39.1 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) (-)

6.72

400

300

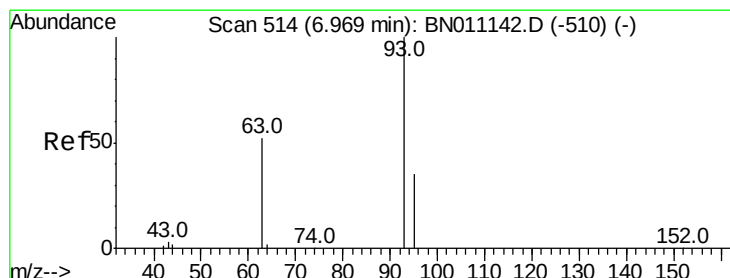
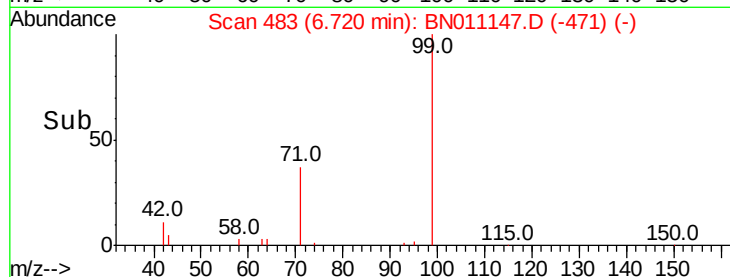
200

100

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.224 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

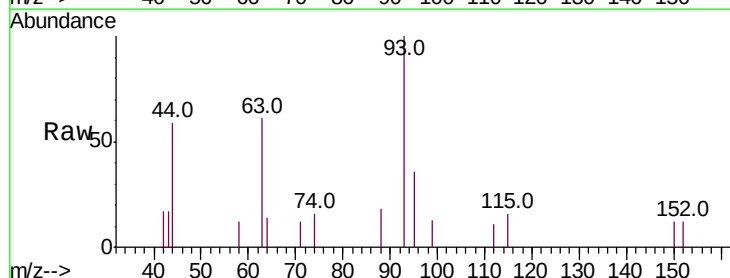
Tgt Ion: 93 Resp: 1033

Ion Ratio Lower Upper

93 100

63 50.2 47.4 71.0

95 33.0 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) (-)

6.96

600

500

400

300

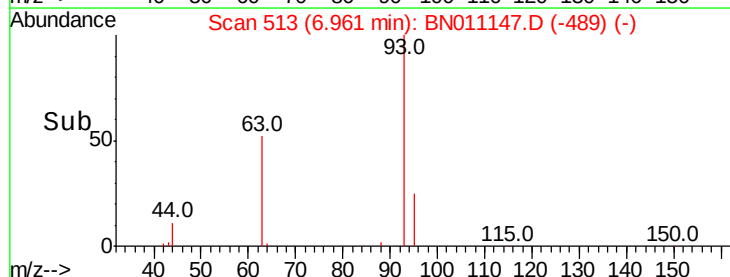
200

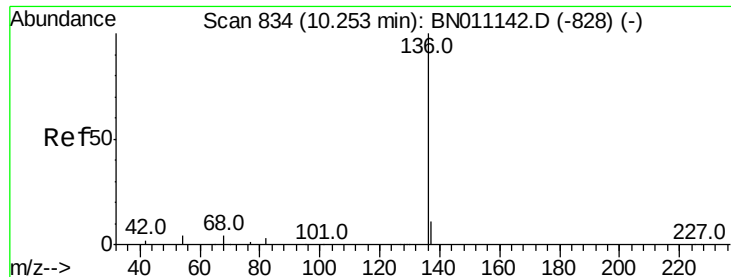
100

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 5706

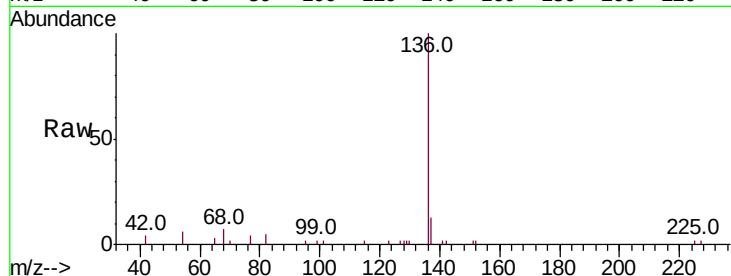
Ion Ratio Lower Upper

136 100

137 12.7 10.3 15.5

54 6.2 4.9 7.3

68 6.5 4.9 7.3

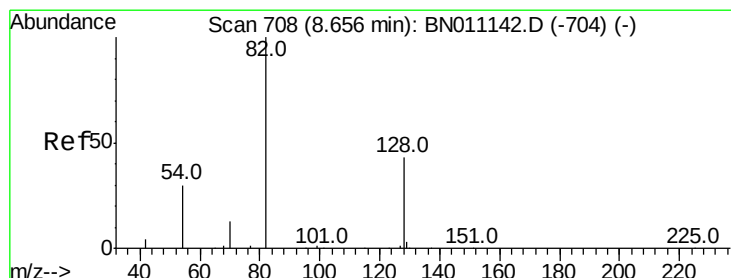
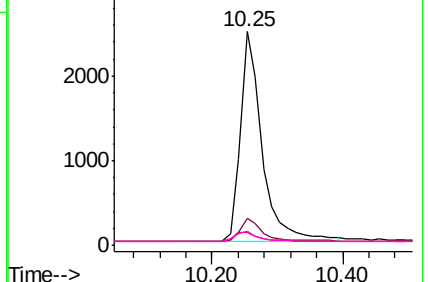
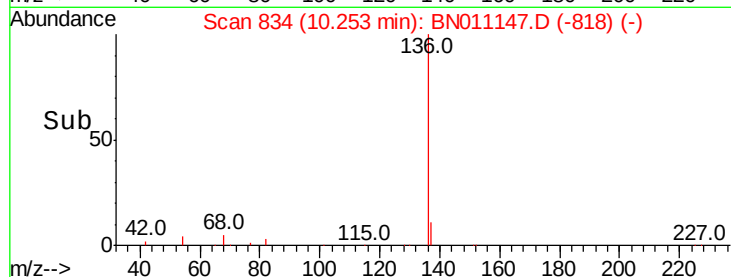


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.190 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

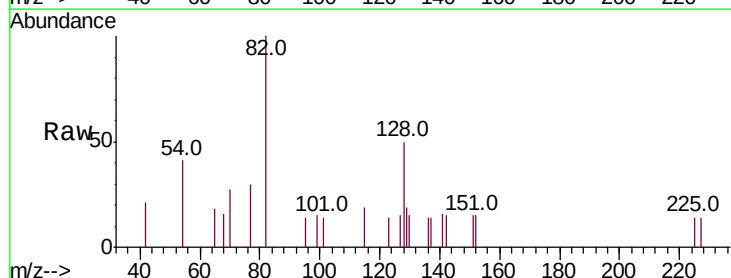
Tgt Ion: 82 Resp: 919

Ion Ratio Lower Upper

82 100

128 49.6 38.1 57.1

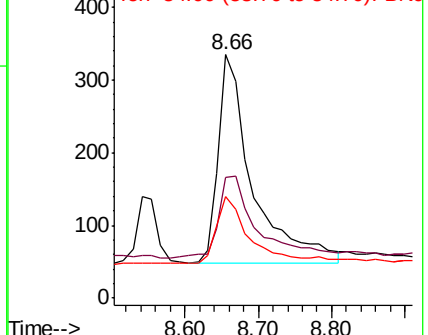
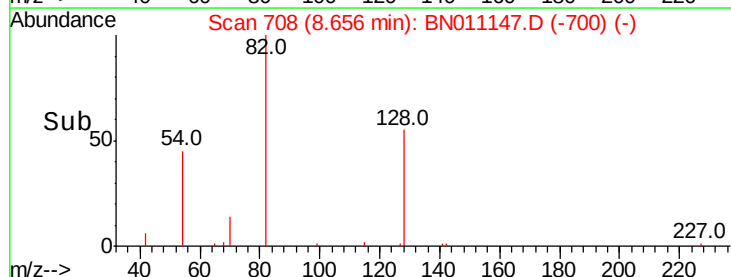
54 41.5 27.1 40.7#

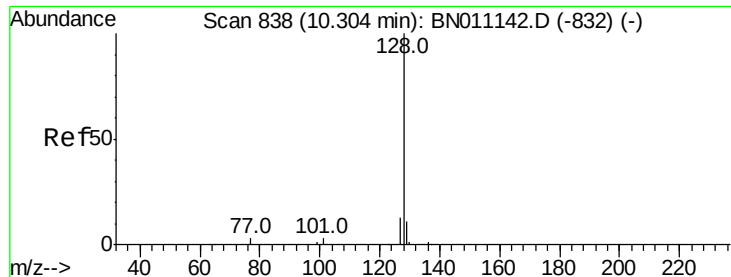


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.217 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

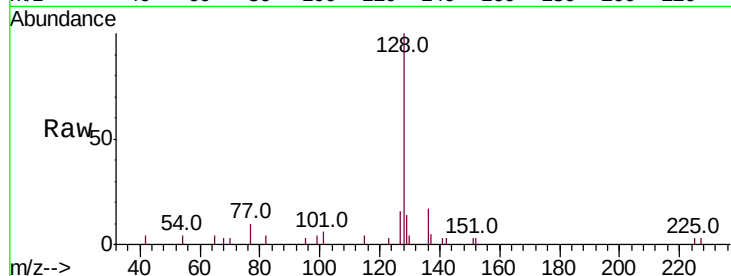
Tot Ion:128 Resp: 3690

Ion Ratio Lower Upper

128 100

129 13.7 9.8 14.6

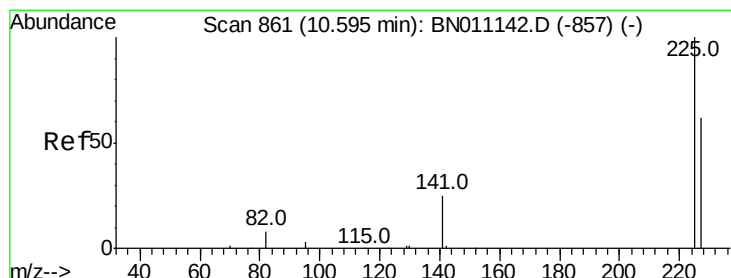
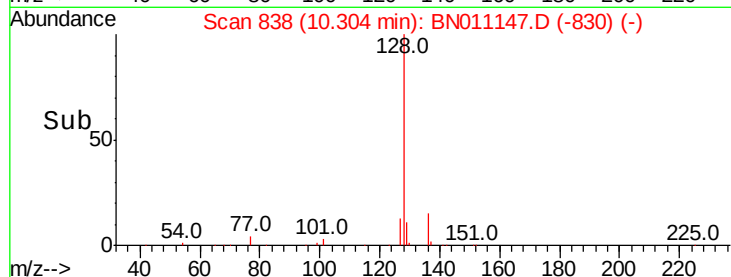
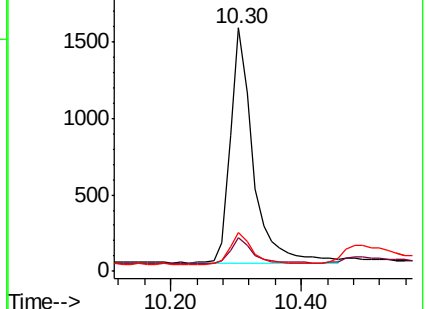
127 15.9 11.8 17.6



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: 0.210 ng

RT: 10.60 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

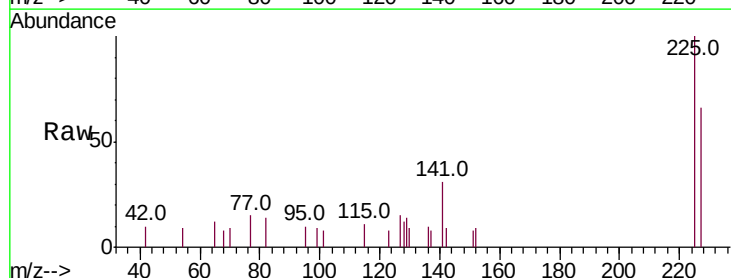
Tgt Ion:225 Resp: 908

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

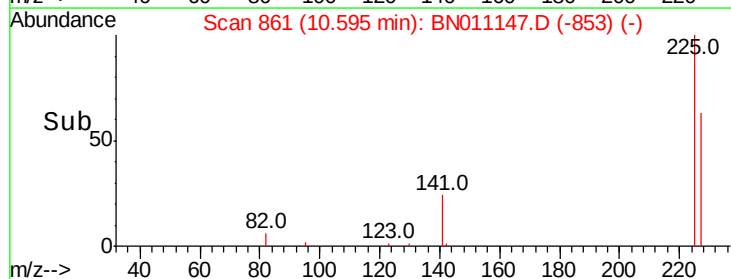
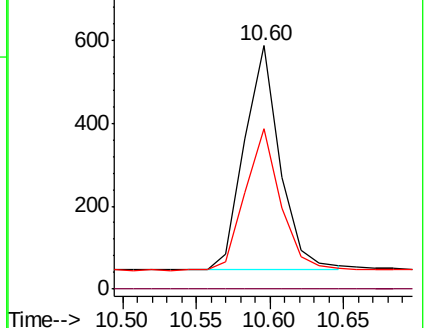
227 63.2 51.2 76.8

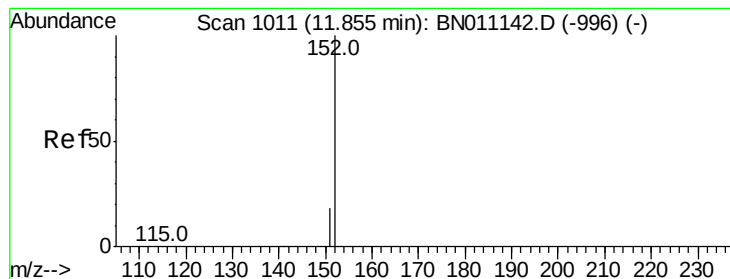


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.188 ng

RT: 11.86 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

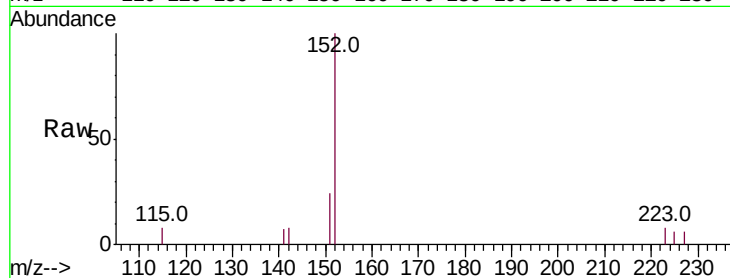
SSTDIC0.2

Tot Ion:152 Resp: 1861

Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.86

800

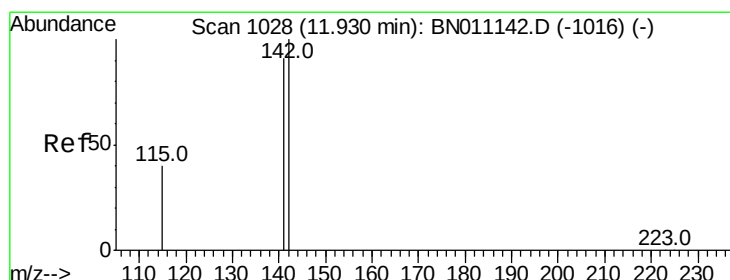
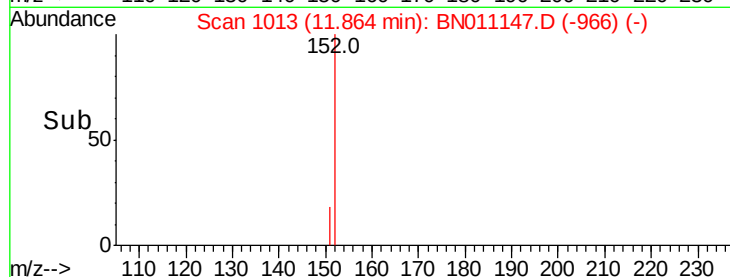
600

400

200

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.188 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

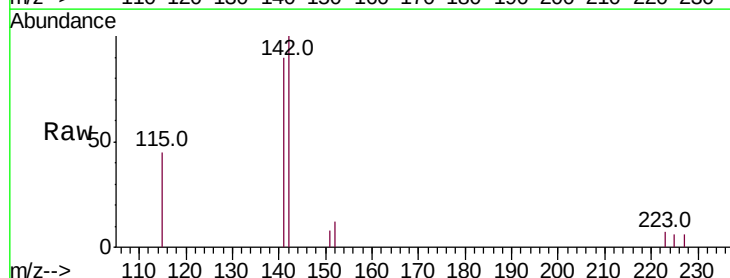
Tgt Ion:142 Resp: 2139

Ion Ratio Lower Upper

142 100

141 89.9 72.7 109.1

115 45.1 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

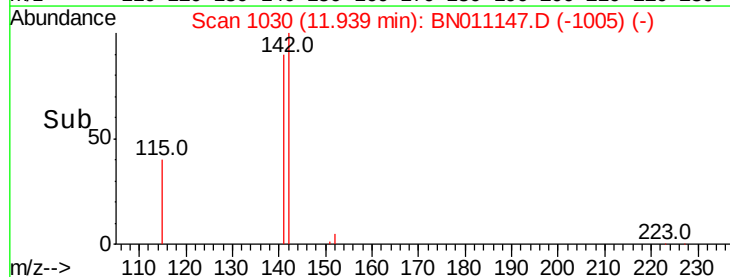
11.94

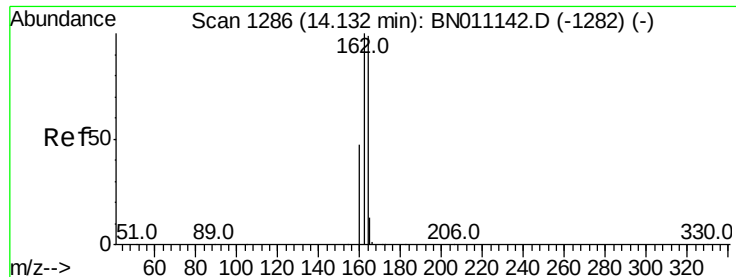
1000

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: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

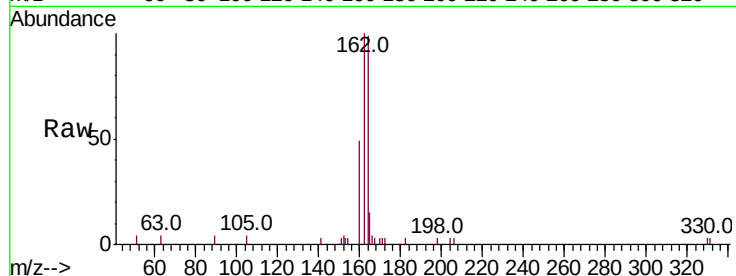
Tot Ion:164 Resp: 2677

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

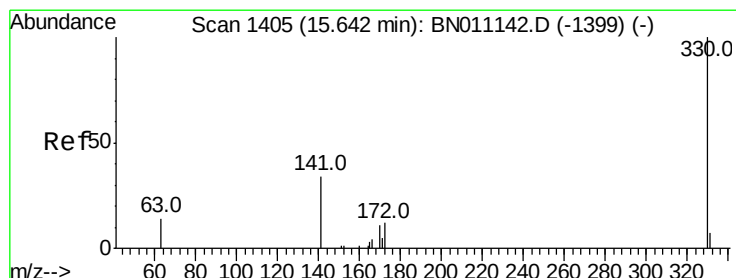
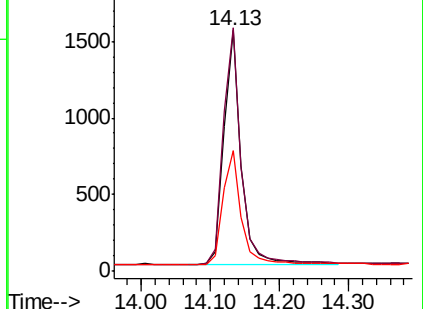
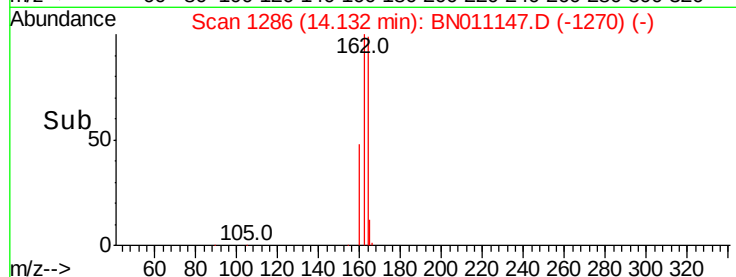
160 50.0 39.0 58.6



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: 0.214 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

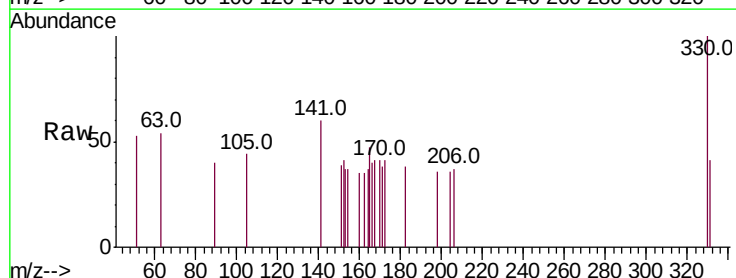
Tgt Ion:330 Resp: 241

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

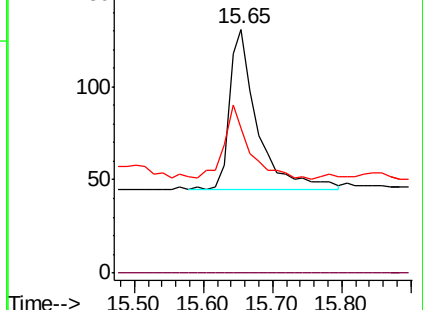
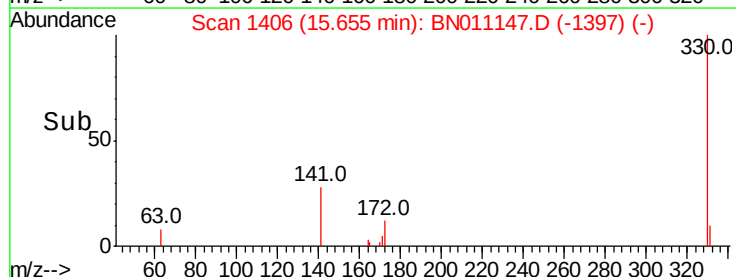
141 43.6 31.5 47.3

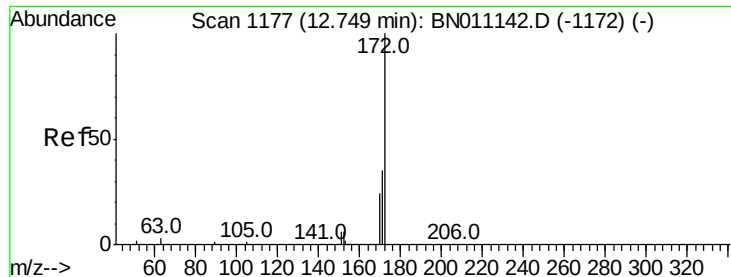


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.211 ng

RT: 12.76 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

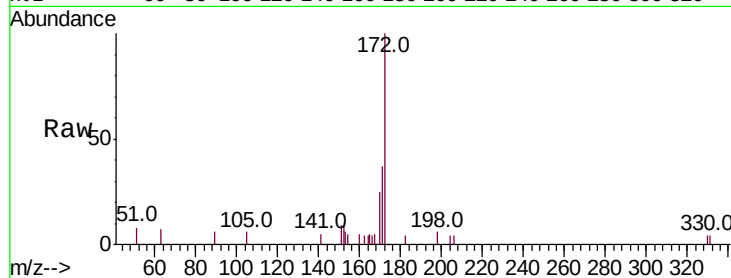
BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:172 Resp: 2654

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.3	20.3	30.5

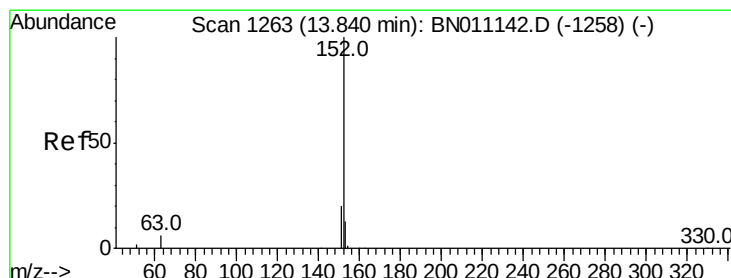
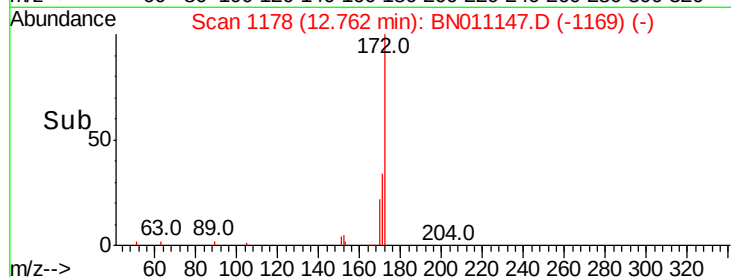
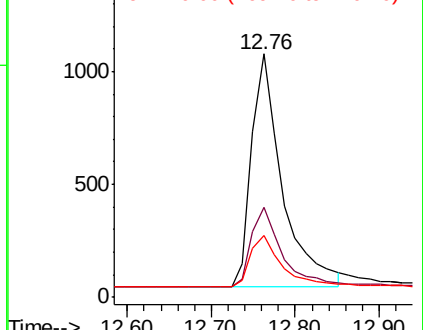


Abundance

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: 0.212 ng

RT: 13.85 min Scan# 1264

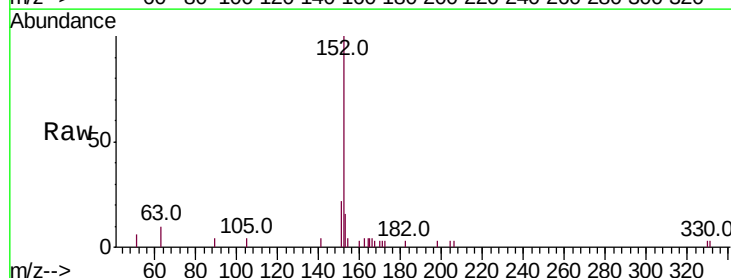
Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Tgt Ion:152 Resp: 2848

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.7	10.6	15.8

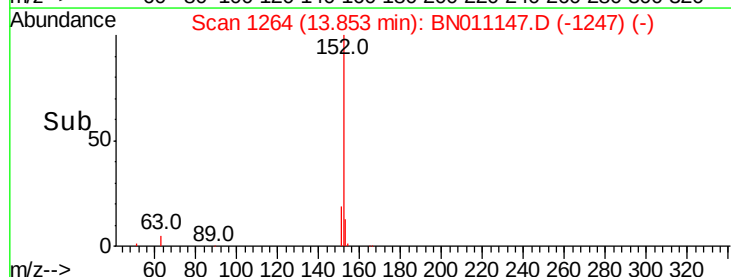
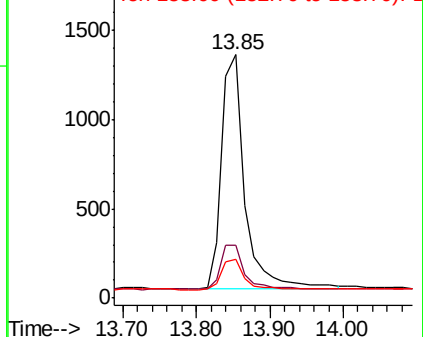


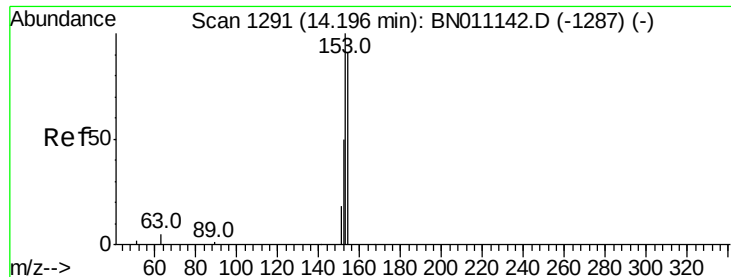
Abundance

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: 0.218 ng

RT: 14.20 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

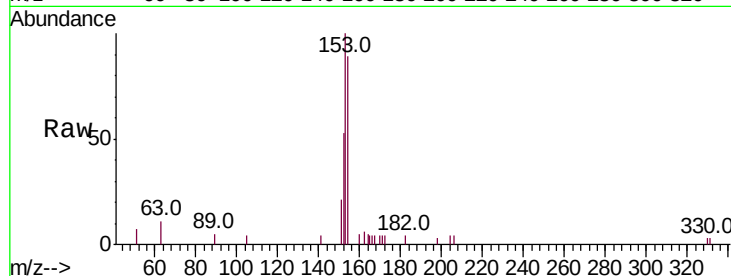
Tot Ion:154 Resp: 1985

Ion Ratio Lower Upper

154 100

153 115.1 91.3 136.9

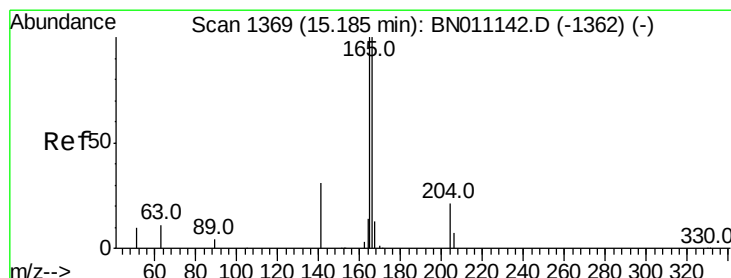
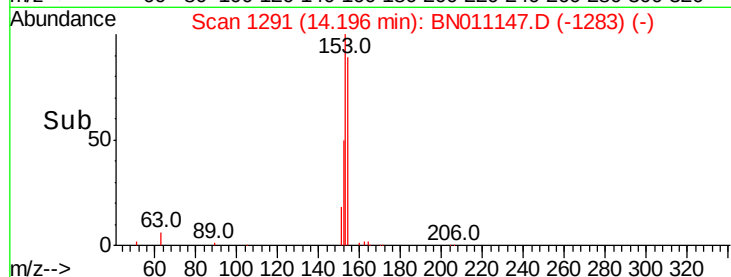
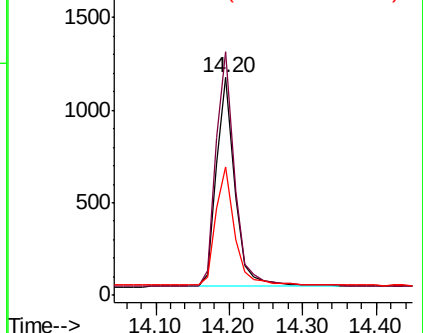
152 57.3 46.6 69.8



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: 0.214 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

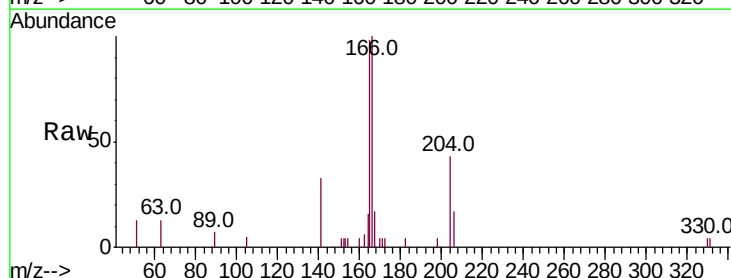
Tgt Ion:166 Resp: 2437

Ion Ratio Lower Upper

166 100

165 97.5 79.1 118.7

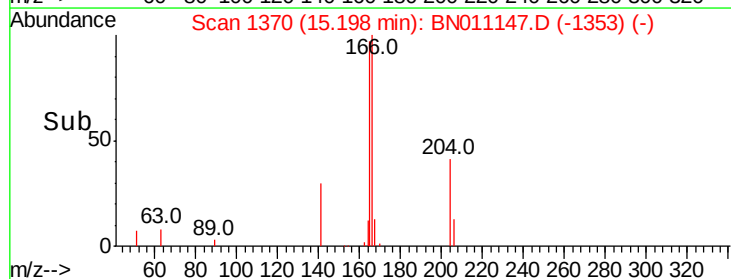
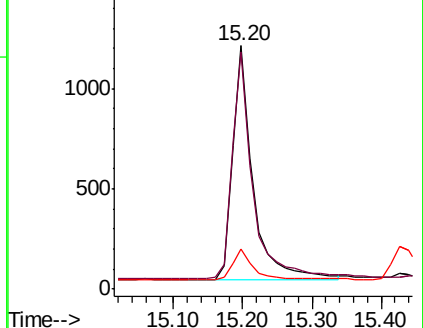
167 13.8 10.5 15.7

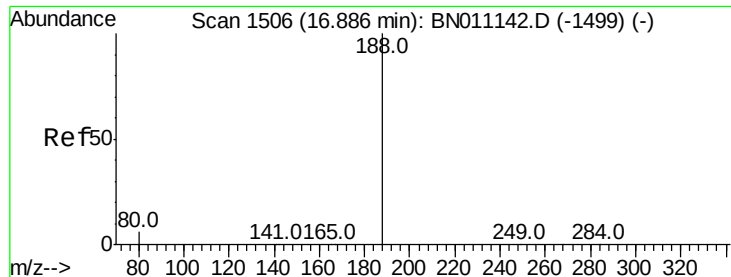


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

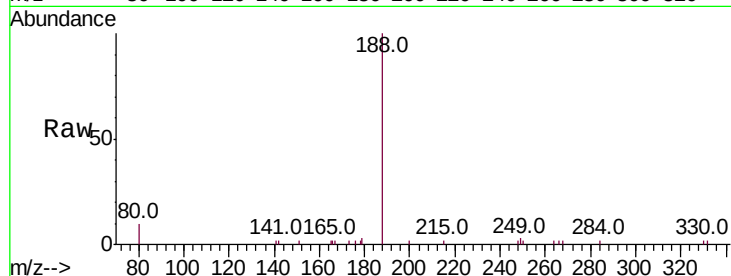
Tot Ion:188 Resp: 5468

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

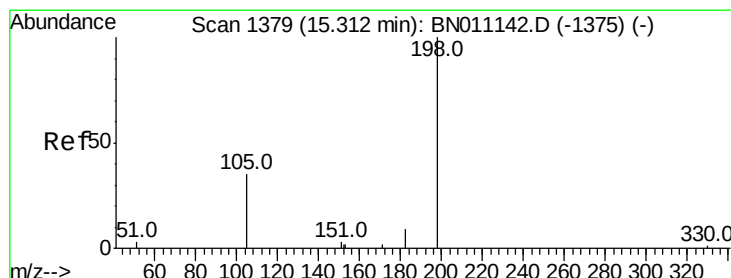
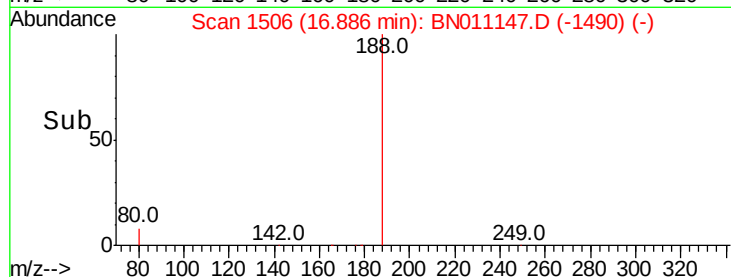
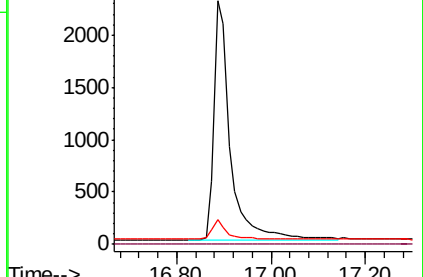
80 10.1 6.3 9.5#



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: 0.226 ng

RT: 15.34 min Scan# 1381

Delta R.T. 0.03 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

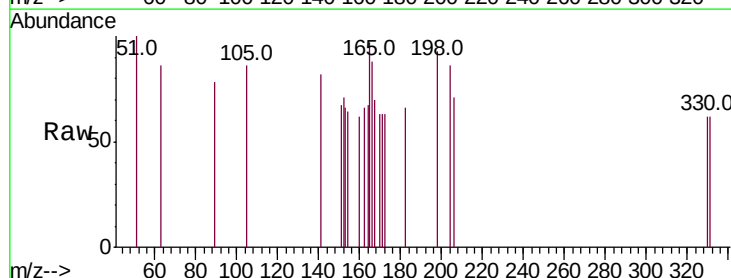
Tgt Ion:198 Resp: 132

Ion Ratio Lower Upper

198 100

51 107.4 53.1 79.7#

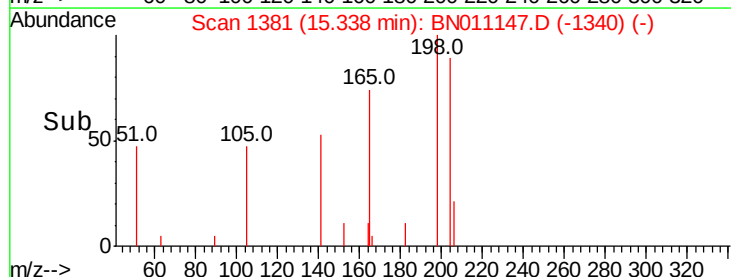
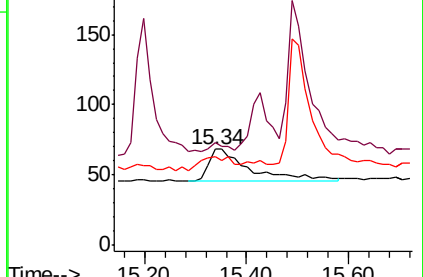
105 92.6 51.9 77.9#

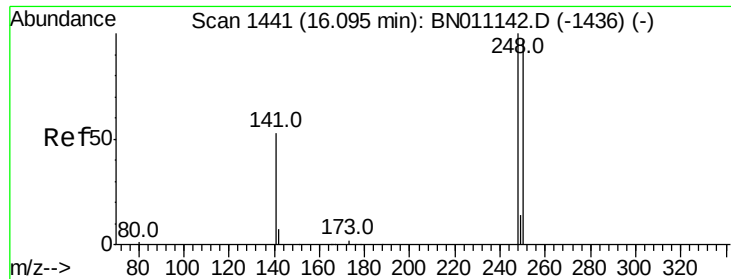


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

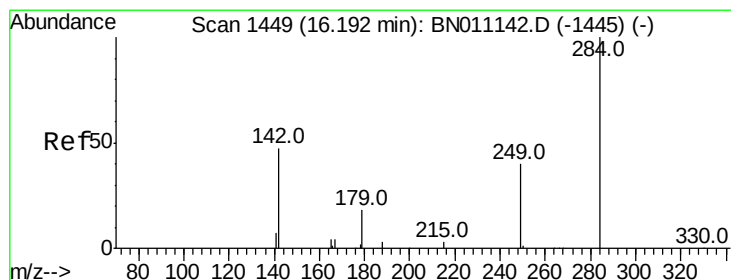
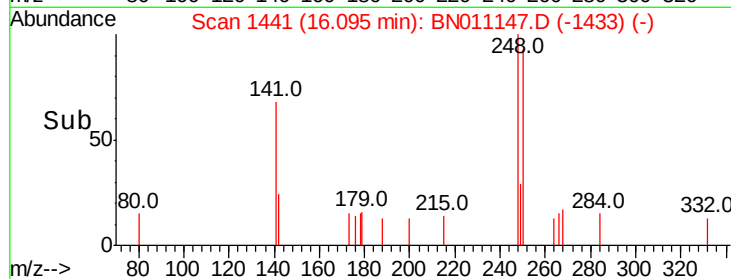
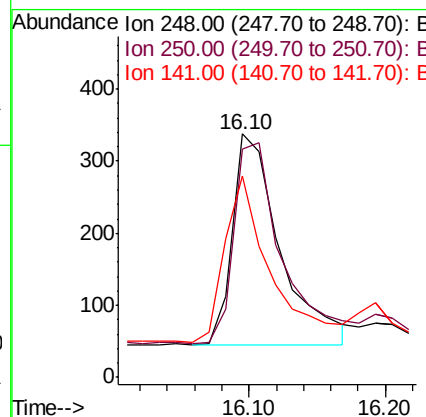
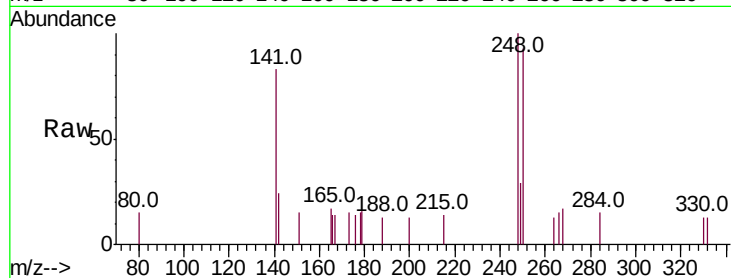




#21
4-Bromophenyl-phenylether
Concen: 0.197 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011147.D
Acq: 10 Jul 2020 13:58

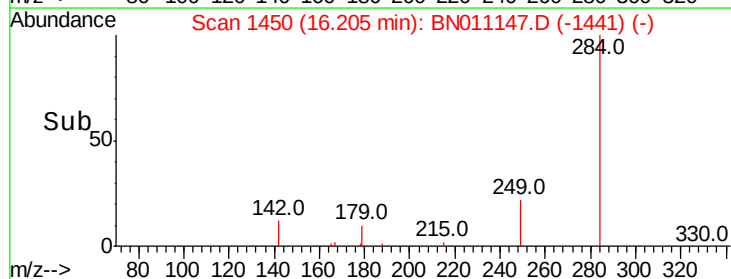
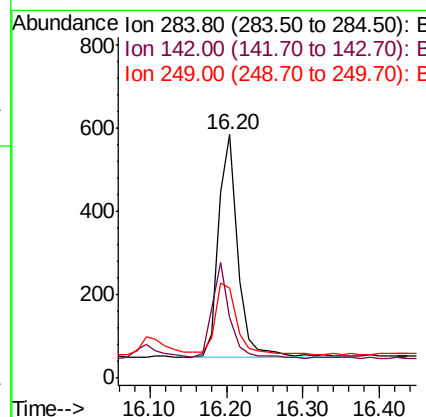
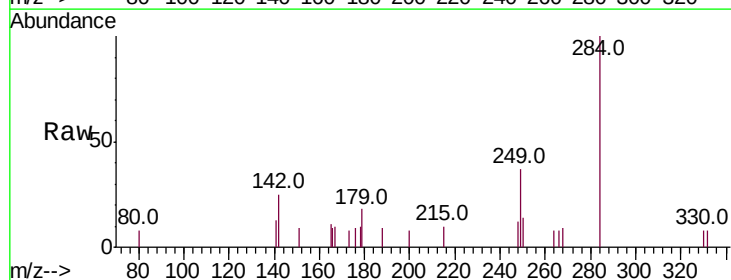
Instrument :
BNA_N
ClientSampled :
SSTDIC0.2

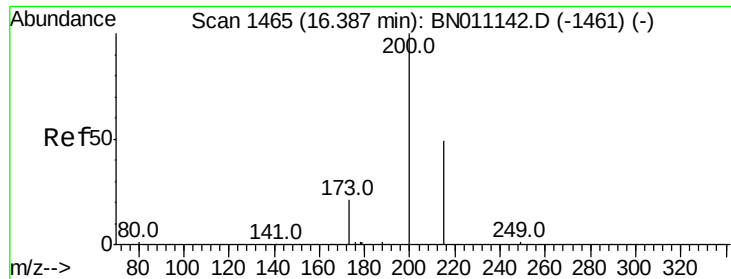
Tot Ion:248 Resp: 716
Ion Ratio Lower Upper
248 100
250 93.5 78.4 117.6
141 82.5 45.1 67.7#



#22
Hexachlorobenzene
Concen: 0.219 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BN011147.D
Acq: 10 Jul 2020 13:58

Tgt Ion:284 Resp: 940
Ion Ratio Lower Upper
284 100
142 39.6 32.6 48.8
249 37.9 28.4 42.6





#23

Atrazine

Concen: 0.206 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

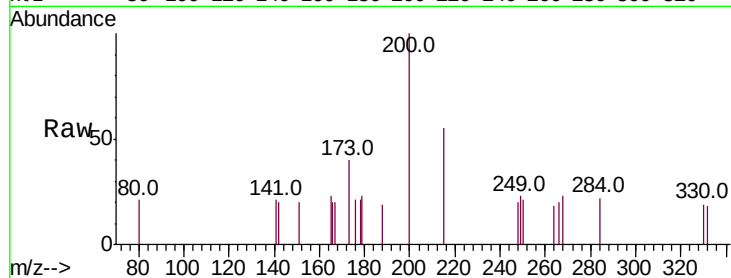
Tot Ion:200 Resp: 529

Ion Ratio Lower Upper

200 100

173 40.0 23.0 34.4#

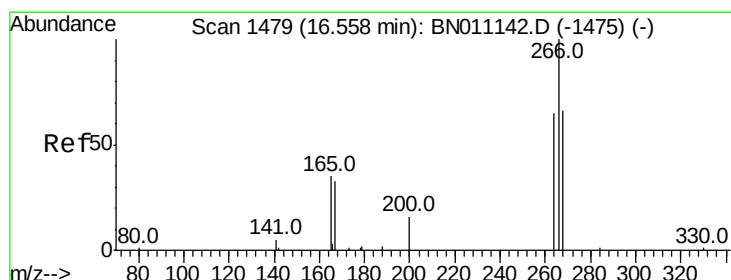
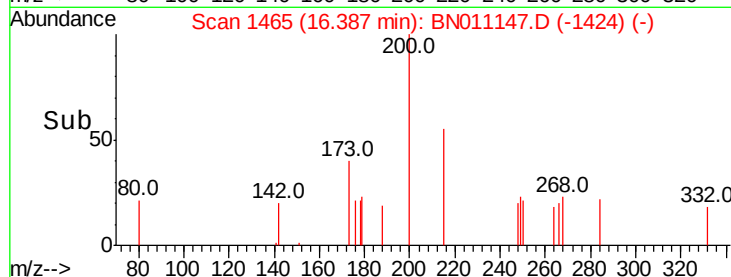
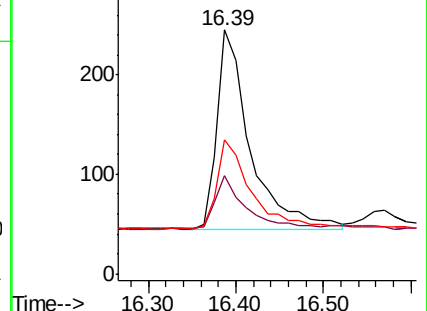
215 55.1 42.6 63.8



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: 0.236 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

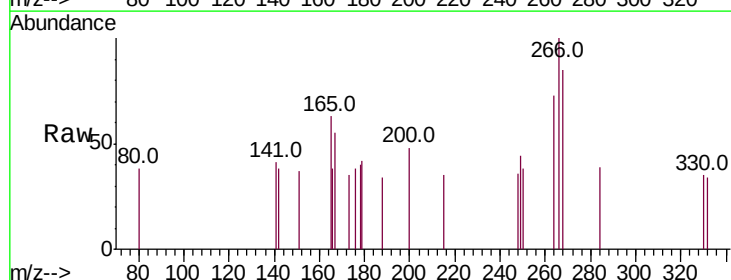
Tgt Ion:266 Resp: 272

Ion Ratio Lower Upper

266 100

264 60.3 52.5 78.7

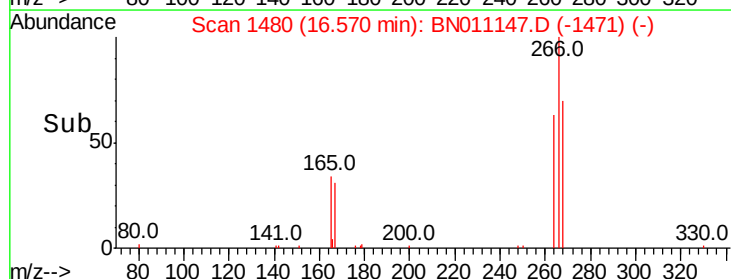
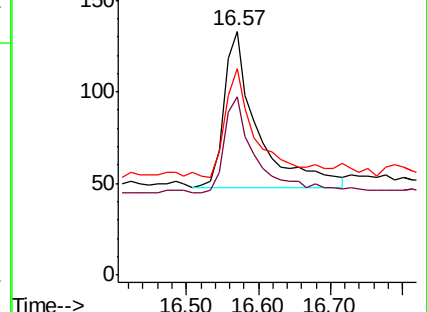
268 63.6 48.9 73.3

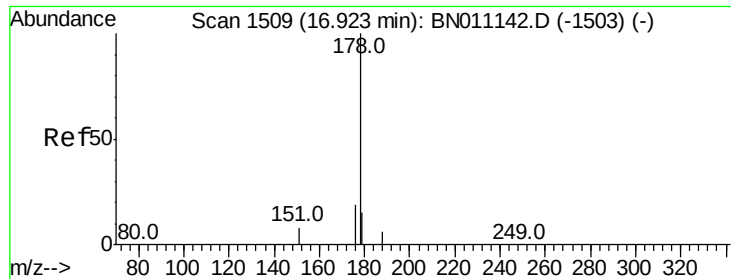


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.205 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

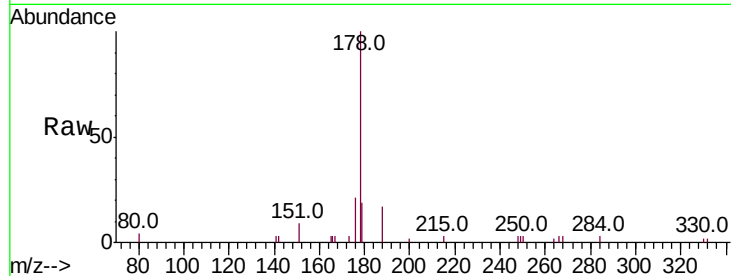
Tot Ion:178 Resp: 3630

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

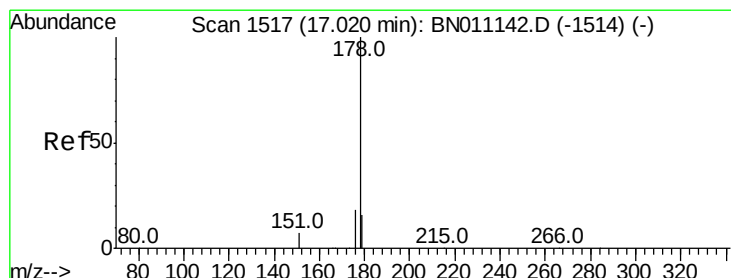
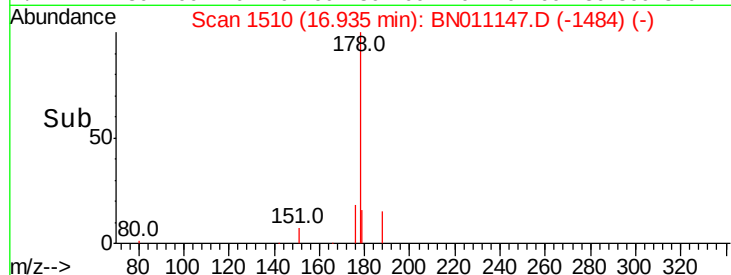
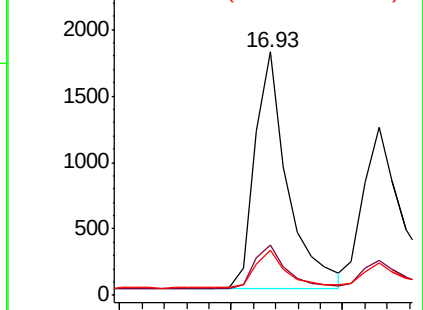
179 16.0 12.6 18.8



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: 0.195 ng

RT: 17.03 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

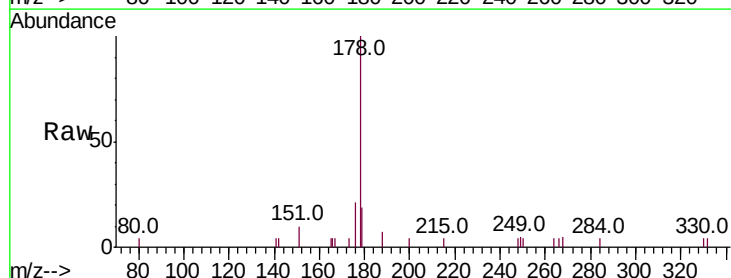
Tgt Ion:178 Resp: 2857

Ion Ratio Lower Upper

178 100

176 19.2 14.5 21.7

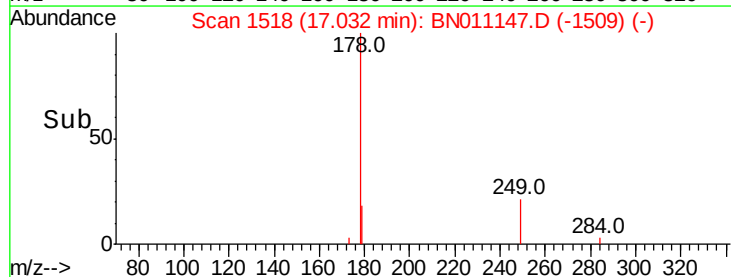
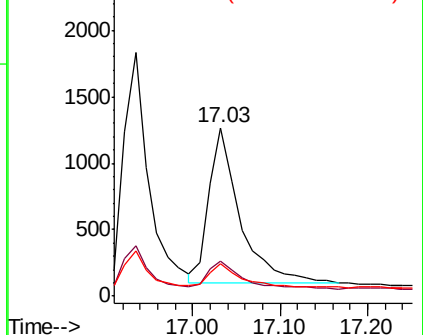
179 15.2 12.0 18.0

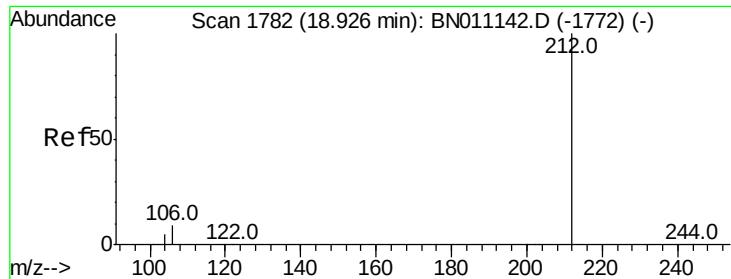


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

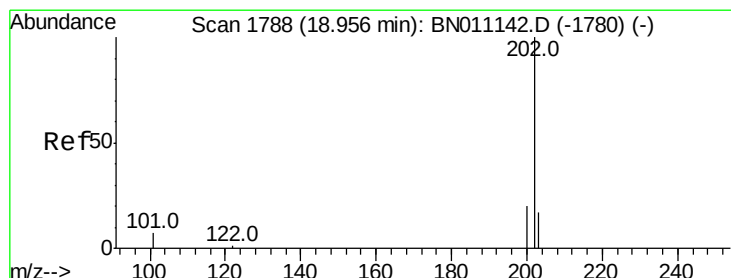
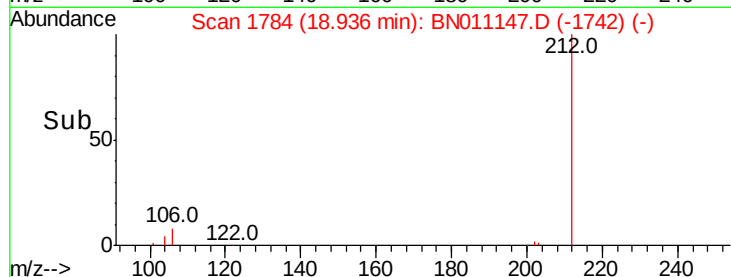
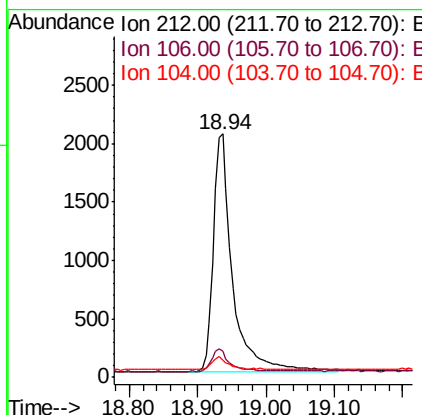
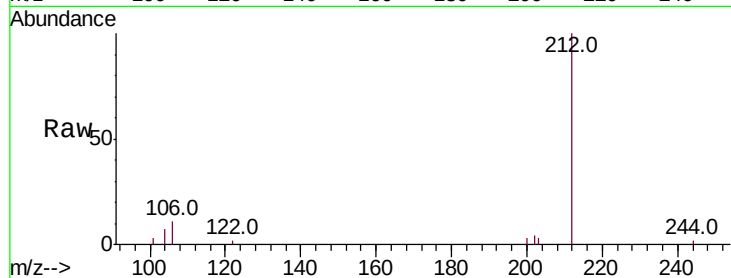




#27
 Fluoranthene-d10
 Concen: 0.242 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BN011147.D
 Acq: 10 Jul 2020 13:58

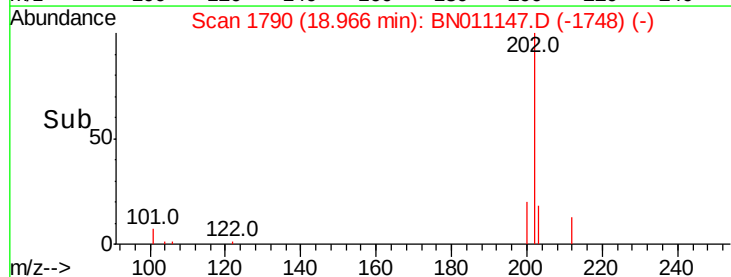
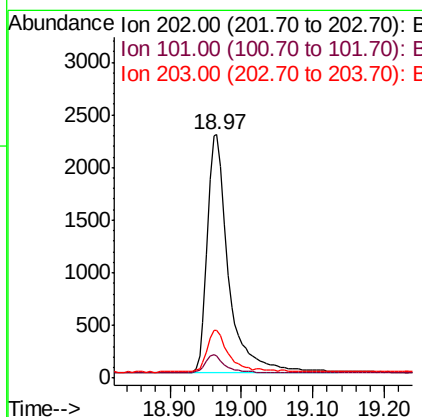
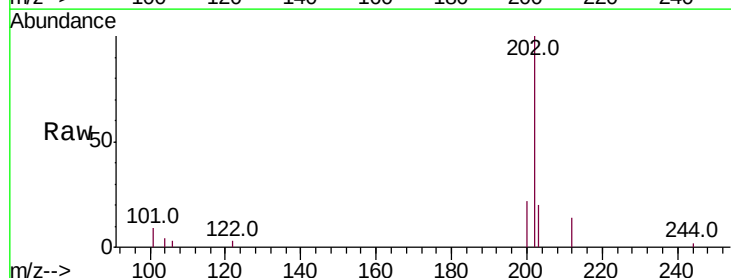
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

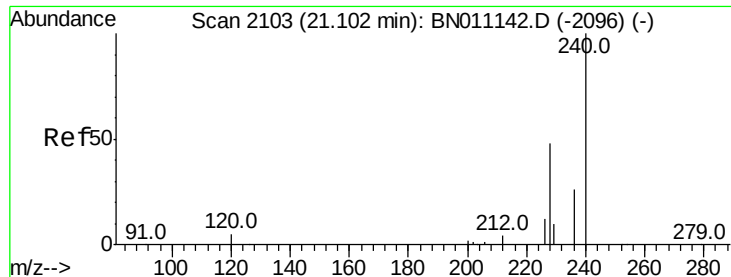
Tot Ion:212 Resp: 4008
 Ion Ratio Lower Upper
 212 100
 106 8.6 7.0 10.6
 104 4.4 4.2 6.4



#28
 Fluoranthene
 Concen: 0.238 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: BN011147.D
 Acq: 10 Jul 2020 13:58

Tgt Ion:202 Resp: 4730
 Ion Ratio Lower Upper
 202 100
 101 7.1 5.9 8.9
 203 17.5 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: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

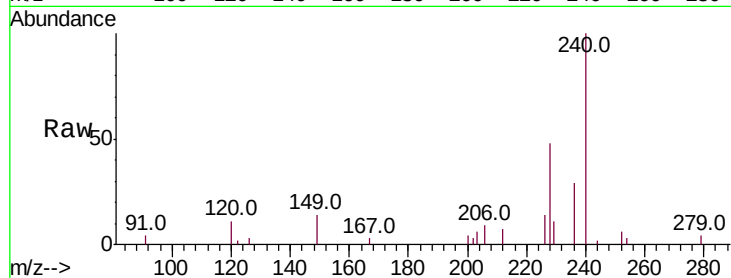
Tot Ion:240 Resp: 4832

Ion Ratio Lower Upper

240 100

120 11.2 6.5 9.7#

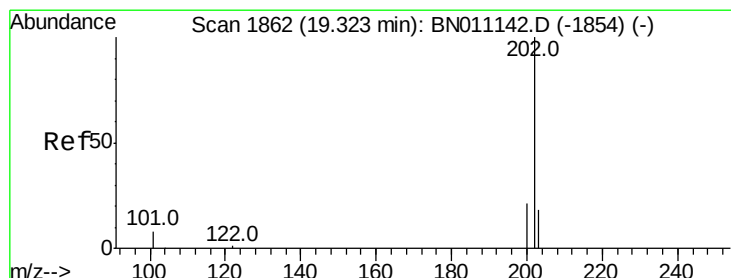
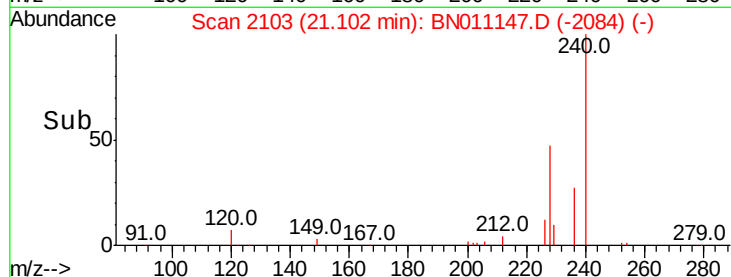
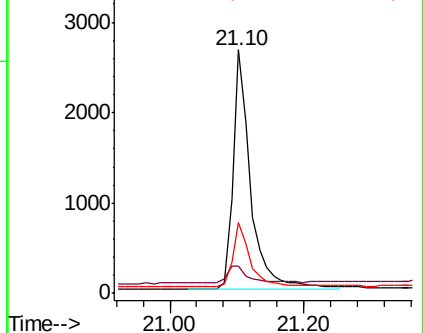
236 29.1 21.9 32.9



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: 0.259 ng

RT: 19.33 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

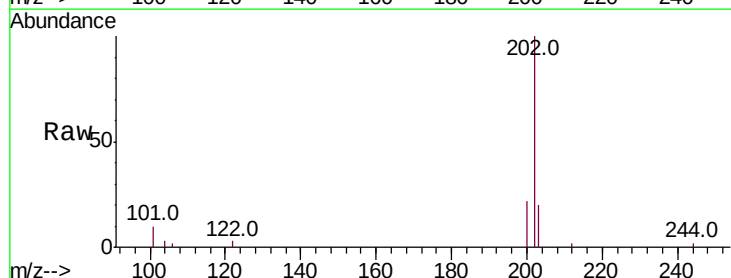
Tgt Ion:202 Resp: 4666

Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

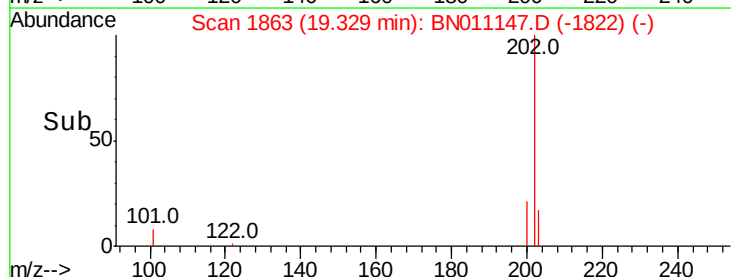
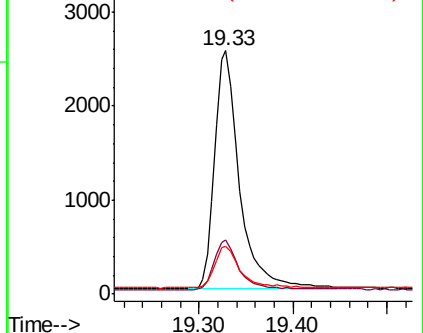
203 17.4 14.2 21.4

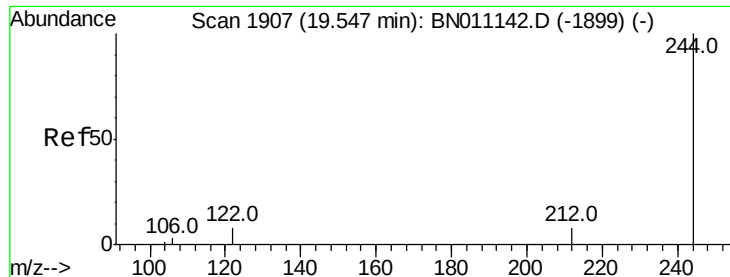


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.258 ng

RT: 19.55 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

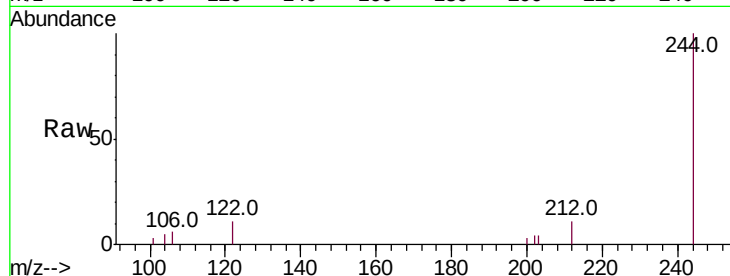
Tot Ion:244 Resp: 3241

Ion Ratio Lower Upper

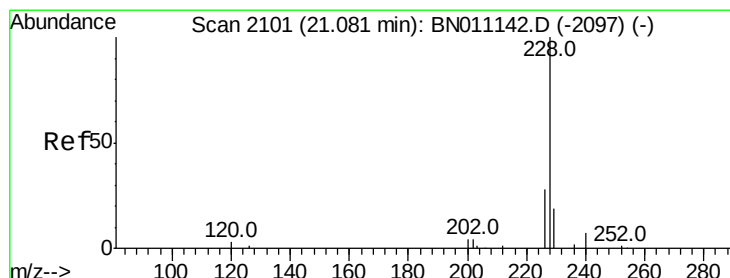
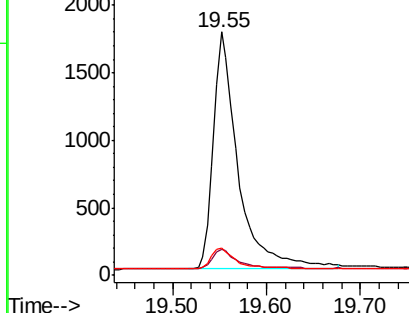
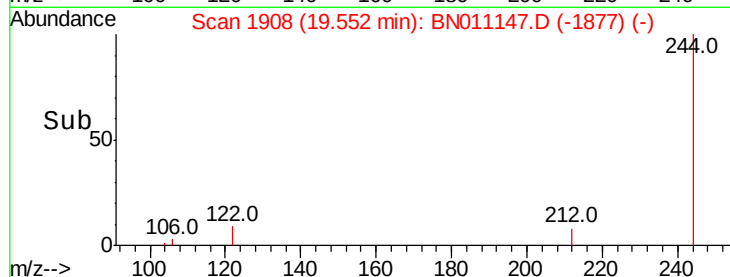
244 100

212 10.9 7.8 11.6

122 11.3 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: 0.198 ng

RT: 21.09 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

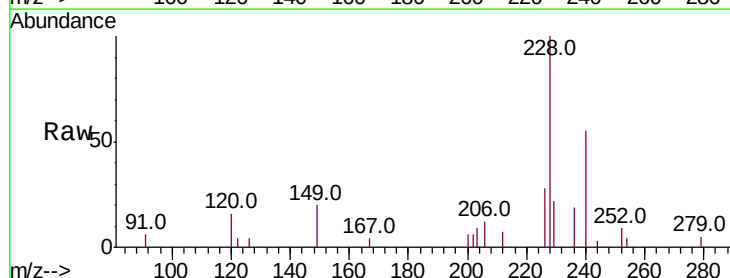
Tgt Ion:228 Resp: 3193

Ion Ratio Lower Upper

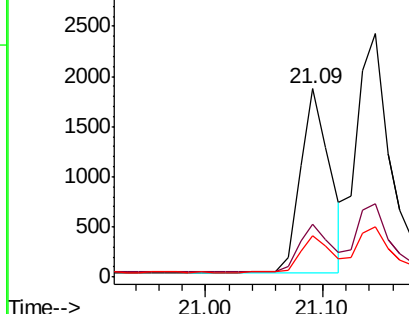
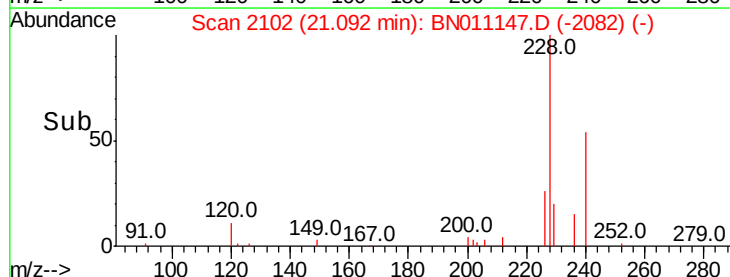
228 100

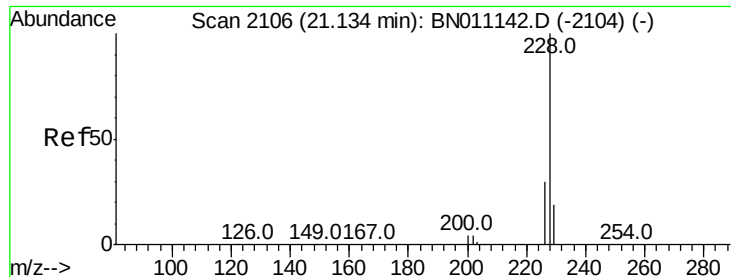
226 28.2 23.2 34.8

229 21.7 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: 0.255 ng

RT: 21.14 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

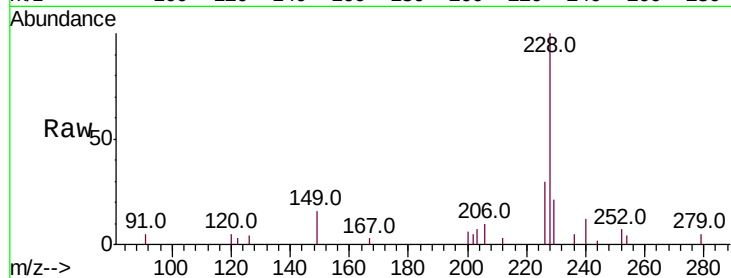
Tot Ion:228 Resp: 4727

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

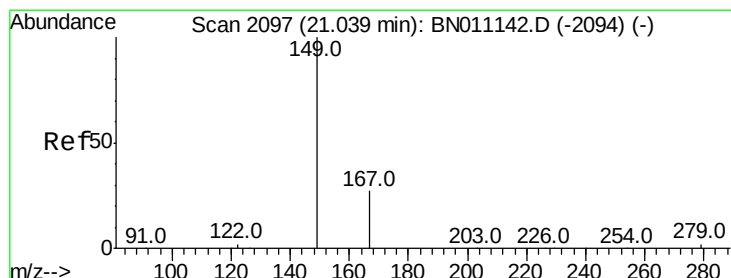
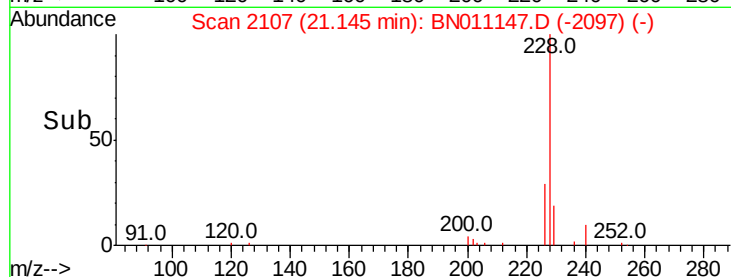
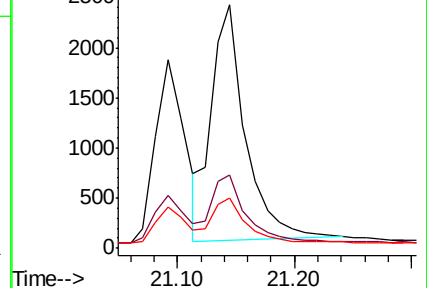
229 20.9 16.2 24.4



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.209 ng

RT: 21.05 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

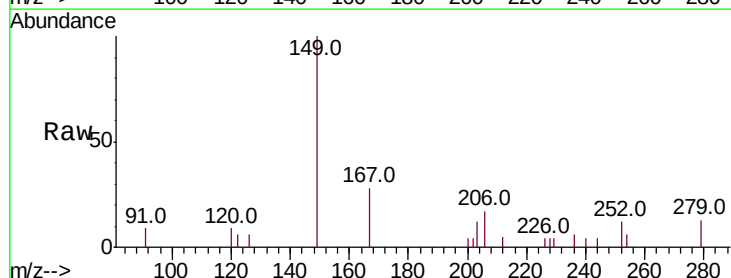
Tgt Ion:149 Resp: 1364

Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.0

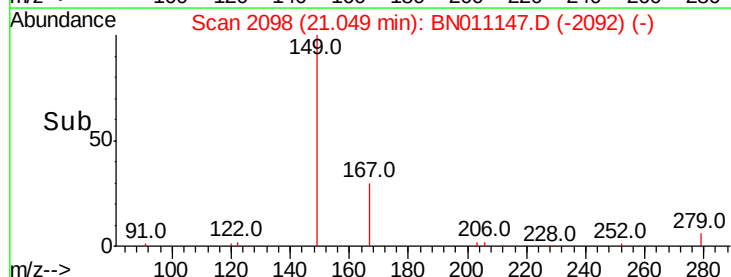
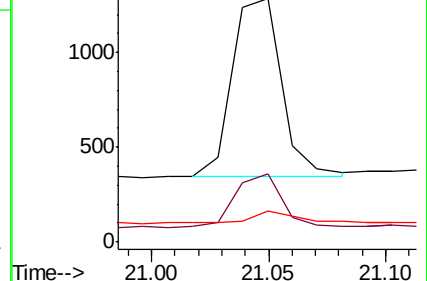
279 5.6 4.5 6.7

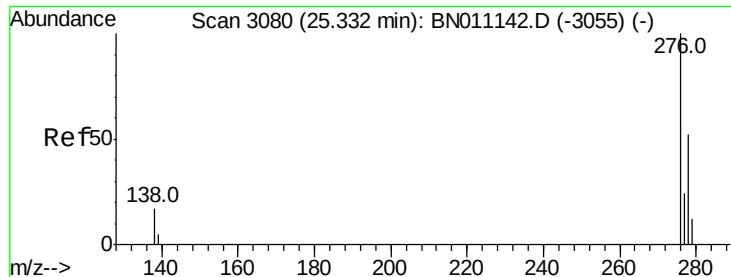


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.289 ng

RT: 25.34 min Scan# 3082

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

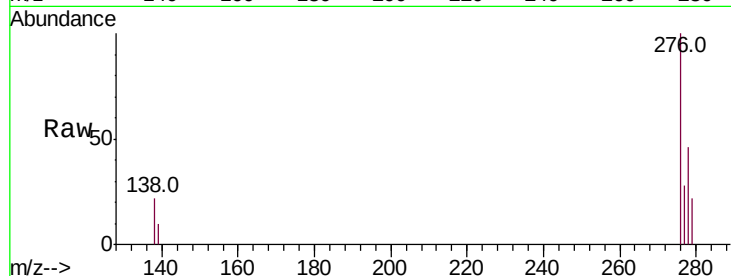
Tot Ion:276 Resp: 5601

Ion Ratio Lower Upper

276 100

138 15.9 13.0 19.6

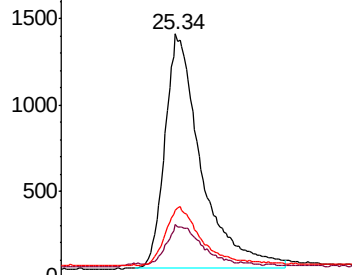
277 23.9 19.7 29.5



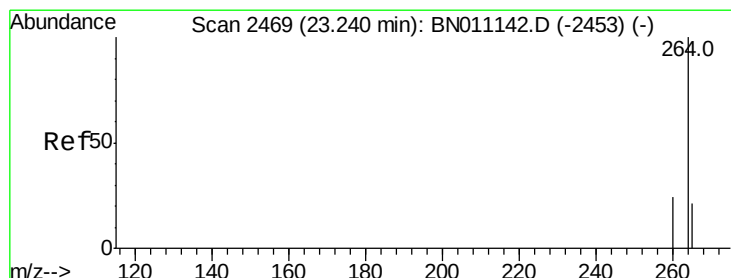
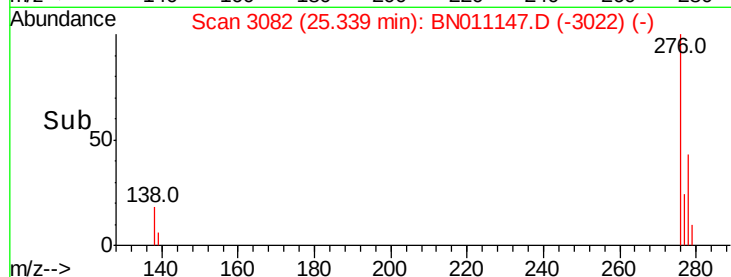
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.24 min Scan# 2470

Delta R.T. 0.00 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

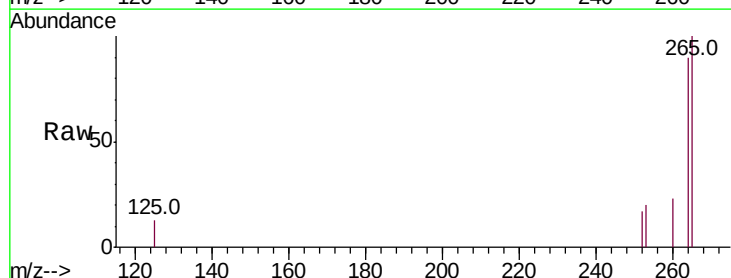
Tgt Ion:264 Resp: 4664

Ion Ratio Lower Upper

264 100

260 26.0 20.1 30.1

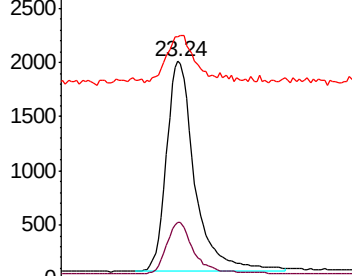
265 111.3 76.6 115.0



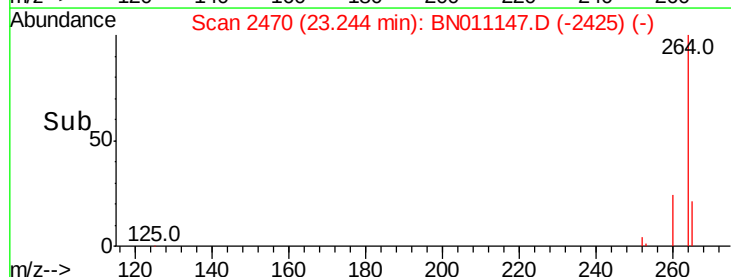
Abundance Ion 264.00 (263.70 to 264.70): E

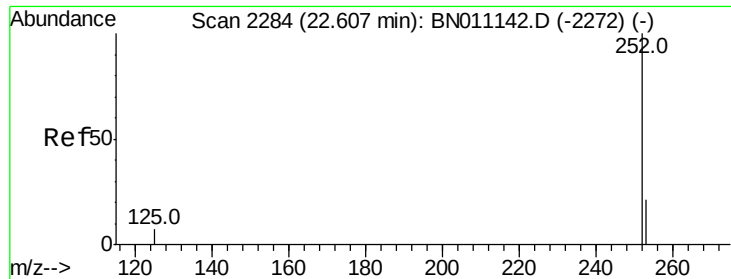
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->

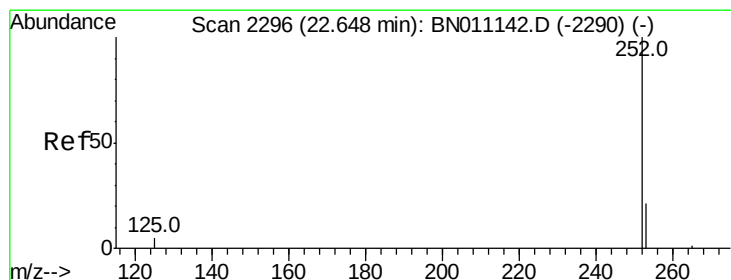
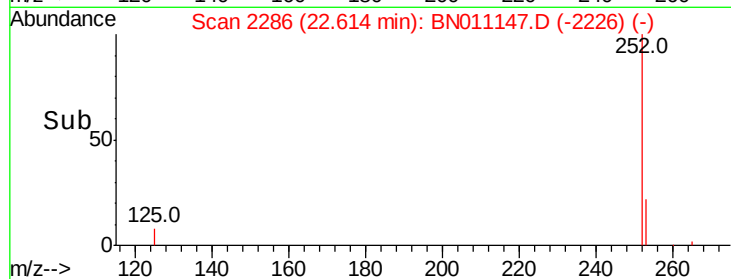
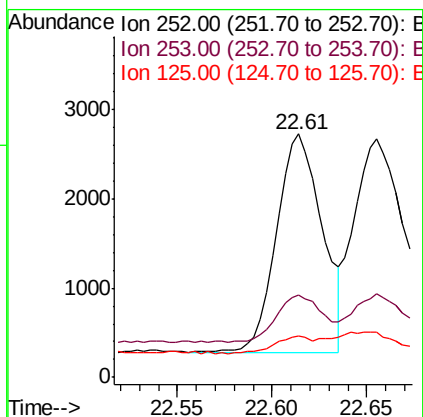
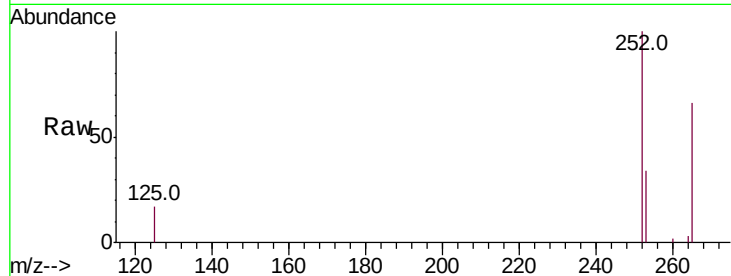




#37
Benzo(b)fluoranthene
Concen: 0.217 ng
RT: 22.61 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BN011147.D
Acq: 10 Jul 2020 13:58

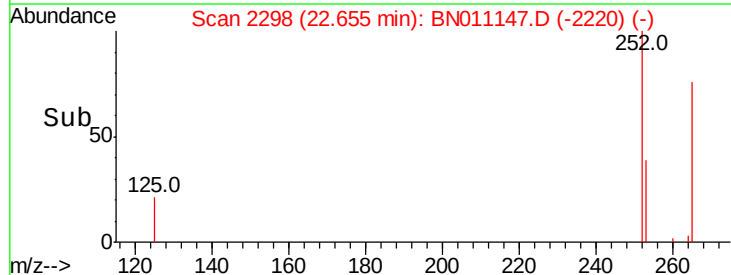
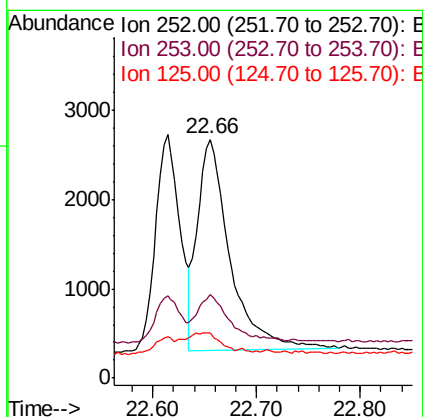
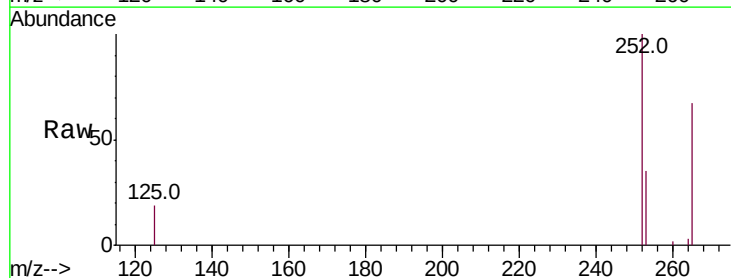
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

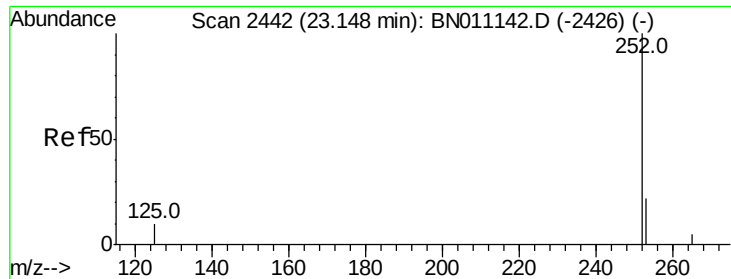
Tot Ion:252 Resp: 4063
Ion Ratio Lower Upper
252 100
253 34.0 22.6 34.0#
125 16.9 9.6 14.4#



#38
Benzo(k)fluoranthene
Concen: 0.259 ng
RT: 22.66 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BN011147.D
Acq: 10 Jul 2020 13:58

Tgt Ion:252 Resp: 5173
Ion Ratio Lower Upper
252 100
253 34.8 22.2 33.4#
125 18.7 11.0 16.4#





#39

Benzo(a)pyrene

Concen: 0.243 ng

RT: 23.15 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

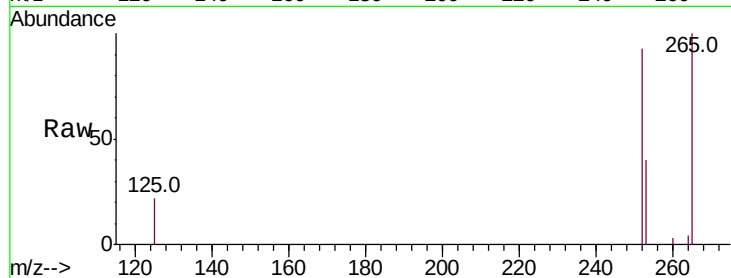
Tot Ion:252 Resp: 3909

Ion Ratio Lower Upper

252 100

253 43.0 25.8 38.6#

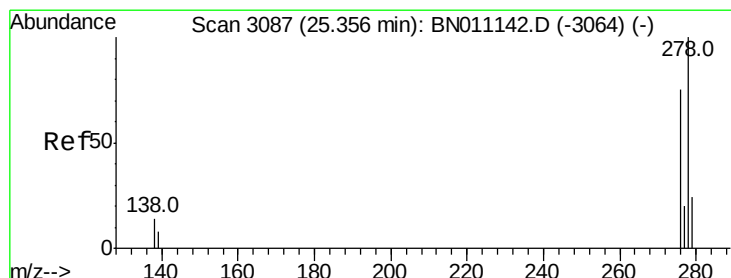
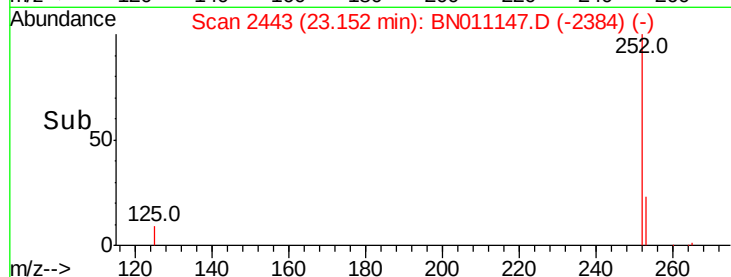
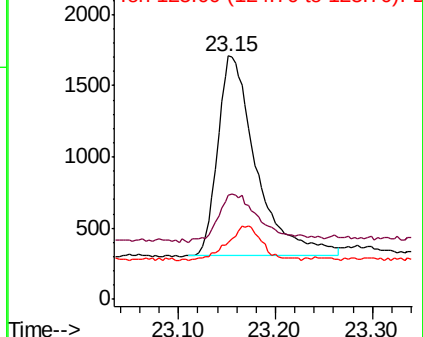
125 23.4 13.4 20.0#



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: 0.297 ng

RT: 25.36 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

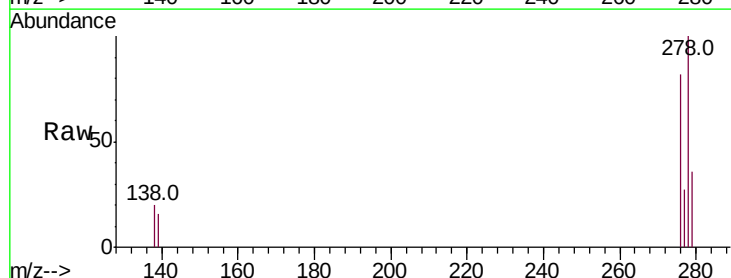
Tgt Ion:278 Resp: 4902

Ion Ratio Lower Upper

278 100

139 15.7 11.7 17.5

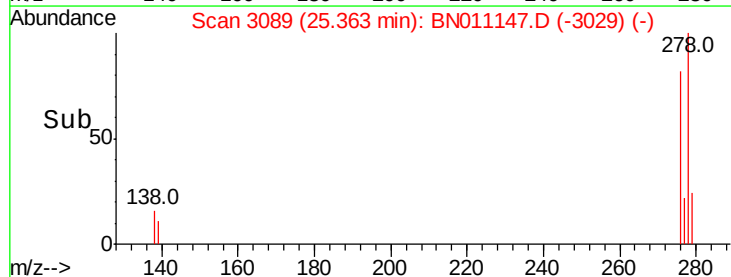
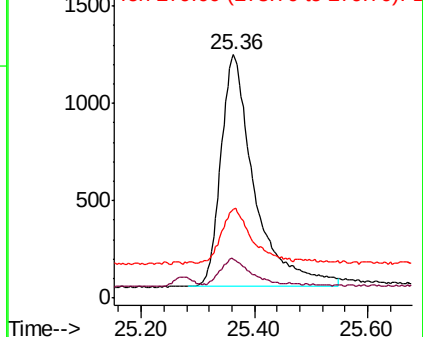
279 36.2 25.0 37.6

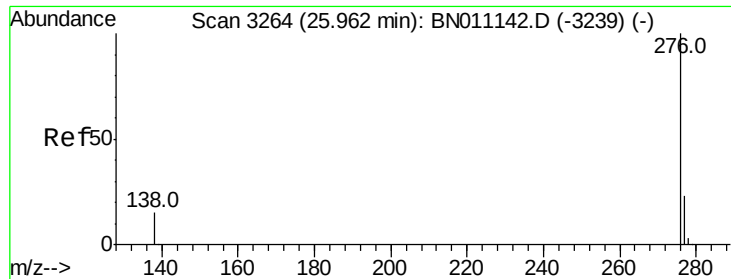


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.252 ng

RT: 25.97 min Scan# 3266

Delta R.T. 0.01 min

Lab File: BN011147.D

Acq: 10 Jul 2020 13:58

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

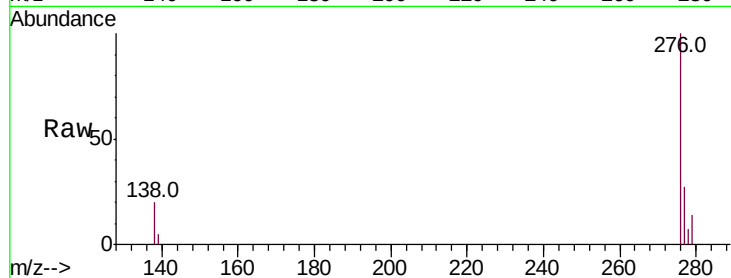
Tot Ion:276 Resp: 4581

Ion Ratio Lower Upper

276 100

277 26.7 20.5 30.7

138 19.5 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

