

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
 Data File : BN011158.D
 Acq On : 13 Jul 2020 18:11
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 13 18:43:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 11:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1381	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	4761	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2329	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	4792	0.40	ng	0.00
29) Chrysene-d12	21.10	240	4586	0.40	ng	0.00
36) Perylene-d12	23.24	264	4701	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1321	0.39	ng	0.00
5) Phenol-d6	6.72	99	1674	0.43	ng	0.00
8) Nitrobenzene-d5	8.66	82	1610	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.85	152	2954	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	458	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	4455	0.41	ng	0.00
27) Fluoranthene-d10	18.93	212	5924	0.39	ng	0.00
31) Terphenyl-d14	19.54	244	5005	0.42	ng	0.00

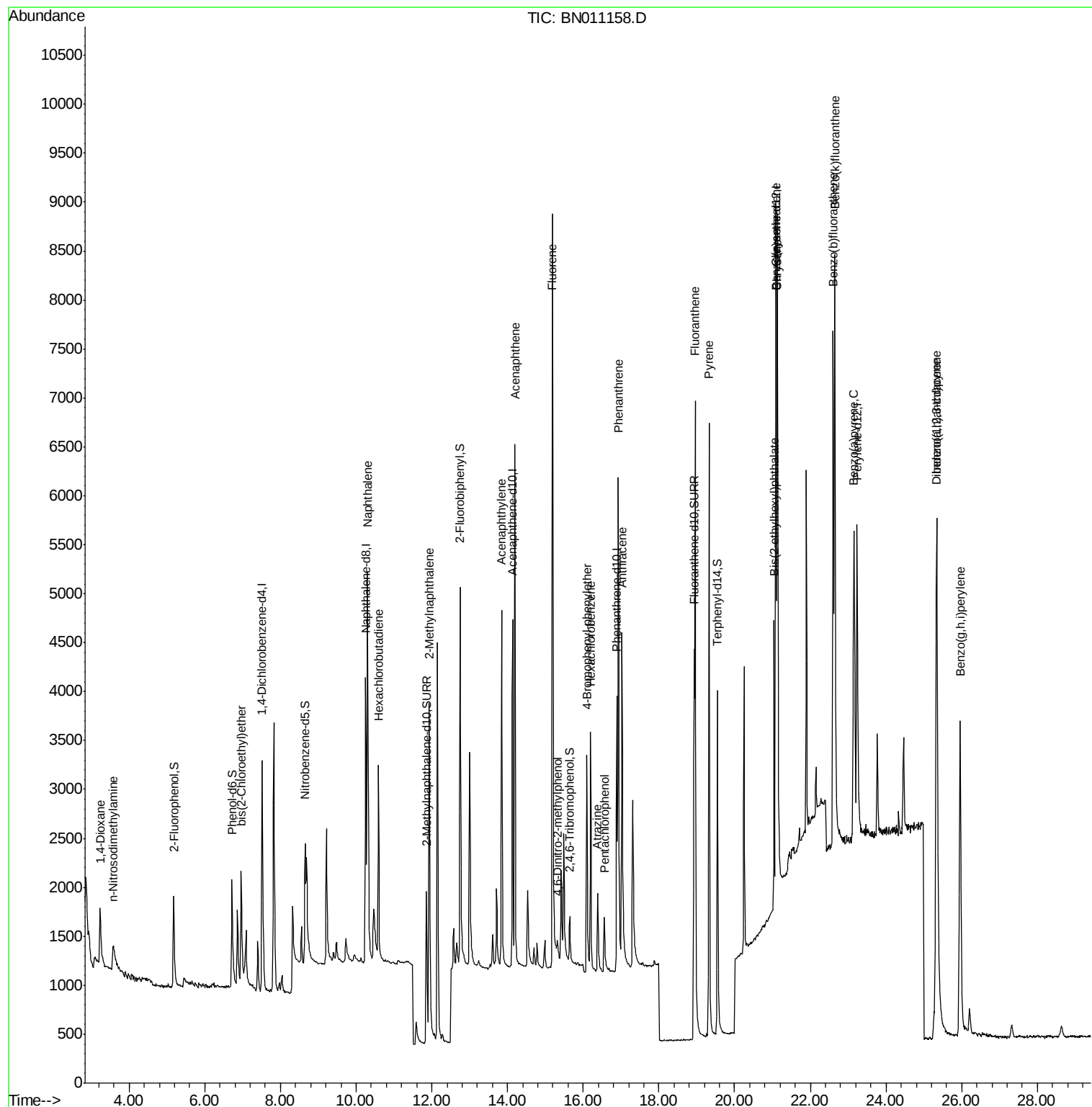
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	783	0.397	ng	92
3) n-Nitrosodimethylamine	3.58	42	412	0.415	ng	84
6) bis(2-Chloroethyl)ether	6.96	93	1397	0.396	ng	98
9) Naphthalene	10.30	128	5685	0.401	ng	99
10) Hexachlorobutadiene	10.60	225	1562	0.445	ng	# 99
12) 2-Methylnaphthalene	11.93	142	3443	0.386	ng	98
16) Acenaphthylene	13.84	152	4655	0.393	ng	99
17) Acenaphthene	14.20	154	3168	0.401	ng	99
18) Fluorene	15.18	166	4447	0.439	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	327	0.499	ng	97
21) 4-Bromophenyl-phenylether	16.09	248	1510	0.464	ng	96
22) Hexachlorobenzene	16.19	284	1745	0.460	ng	98
23) Atrazine	16.37	200	1035	0.453	ng	95
24) Pentachlorophenol	16.56	266	483	0.429	ng	92
25) Phenanthrene	16.92	178	6193	0.402	ng	100
26) Anthracene	17.02	178	4994	0.391	ng	98
28) Fluoranthene	18.96	202	7129	0.386	ng	99
30) Pvrene	19.32	202	7098	0.405	ng	99
32) Benzo(a)anthracene	21.09	228	5737	0.386	ng	97
33) Chrysene	21.13	228	7338	0.404	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	2726	0.445	ng	98
35) Indeno(1,2,3-cd)pyrene	25.33	276	8407	0.451	ng	99
37) Benzo(b)fluoranthene	22.60	252	6779	0.359	ng	98
38) Benzo(k)fluoranthene	22.65	252	8997	0.422	ng	98
39) Benzo(a)pyrene	23.15	252	6541	0.385	ng	97
40) Dibenzo(a,h)anthracene	25.35	278	6374	0.354	ng	99
41) Benzo(g,h,i)perylene	25.96	276	7220	0.365	ng	98

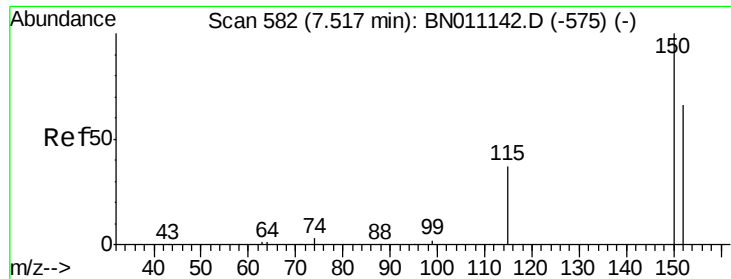
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
Data File : BN011158.D
Acq On : 13 Jul 2020 18:11
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 13 18:43:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 11:25:24 2020
Response via : Initial Calibration



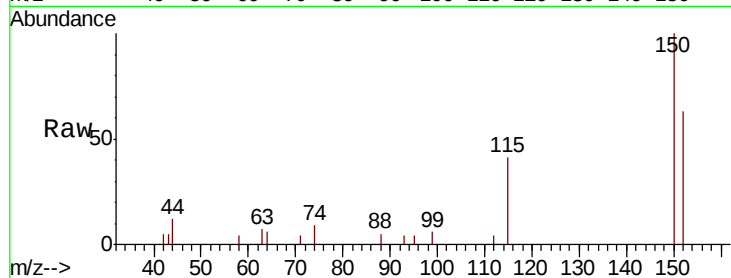


#1

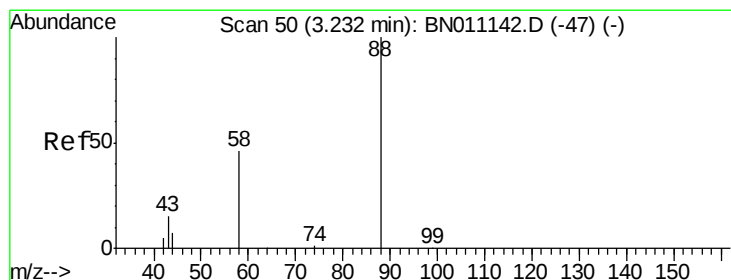
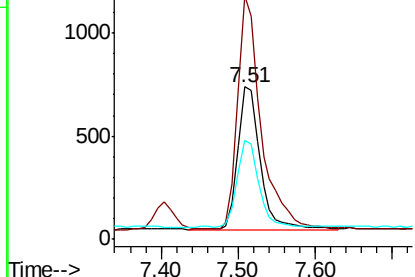
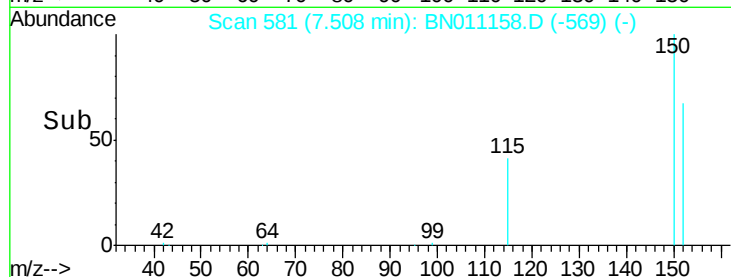
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1381
Ion Ratio Lower Upper
152 100
150 159.5 119.4 179.0
115 65.2 48.3 72.5



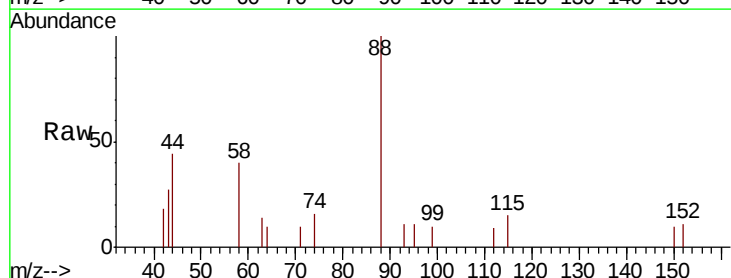
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



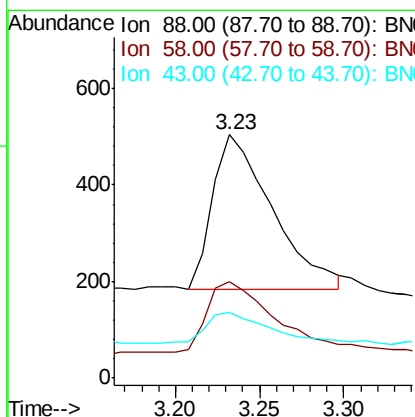
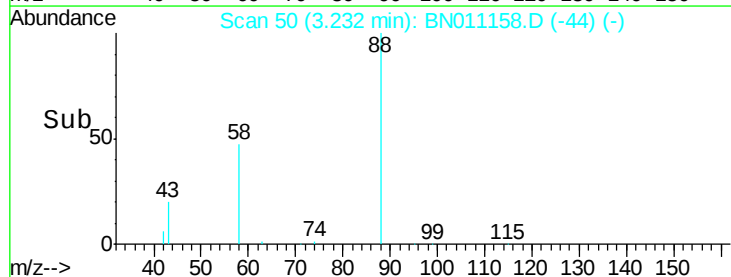
#2

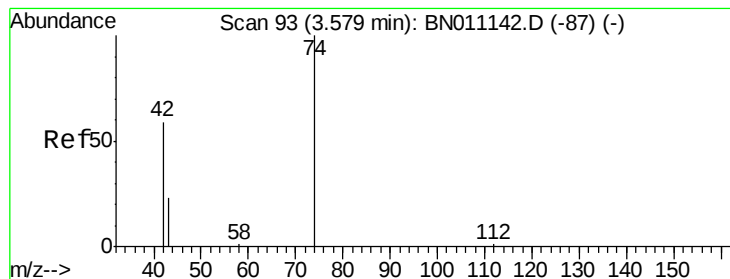
1,4-Dioxane
Concen: 0.397 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

Tgt Ion: 88 Resp: 783
Ion Ratio Lower Upper
88 100
58 51.7 36.5 54.7
43 19.7 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: 0.415 ng

RT: 3.58 min Scan# 93

Delta R.T. 0.01 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

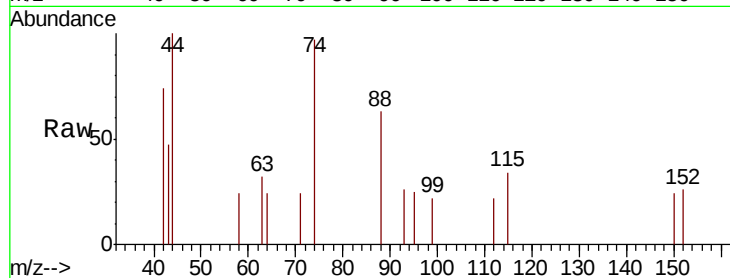
Tot Ion: 42 Resp: 412

Ion Ratio Lower Upper

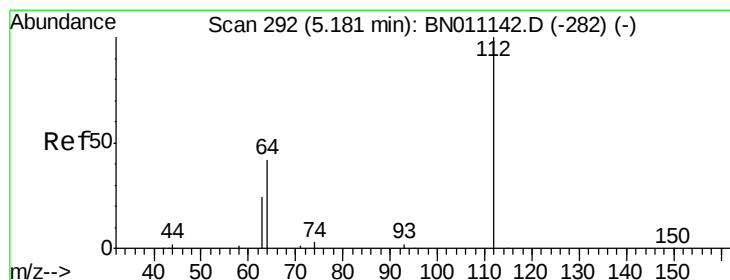
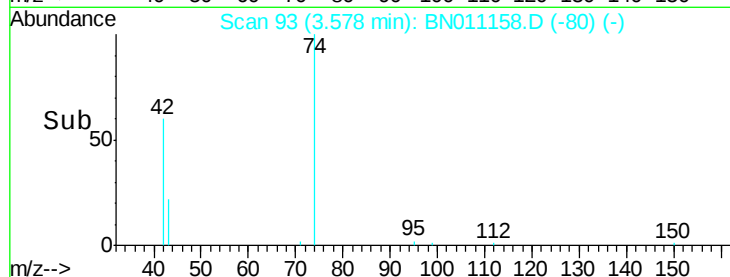
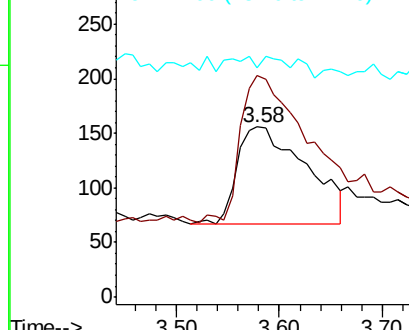
42 100

74 152.2 140.9 211.3

44 10.7 7.6 11.4



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



#4

2-Fluorophenol

Concen: 0.388 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

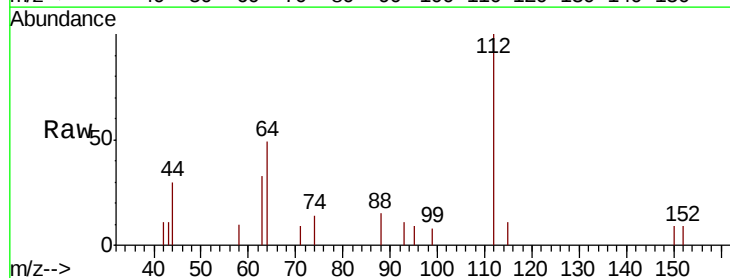
Tgt Ion: 112 Resp: 1321

Ion Ratio Lower Upper

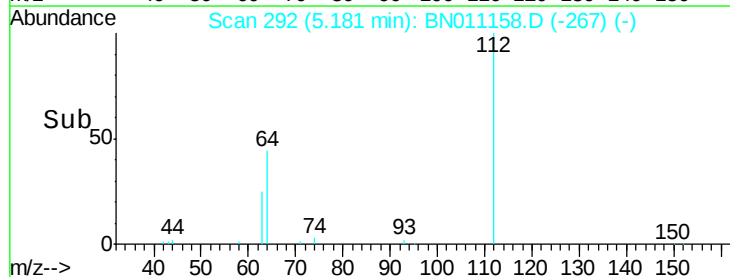
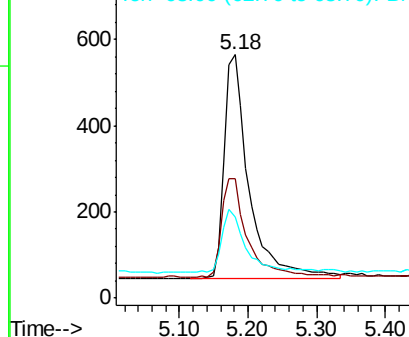
112 100

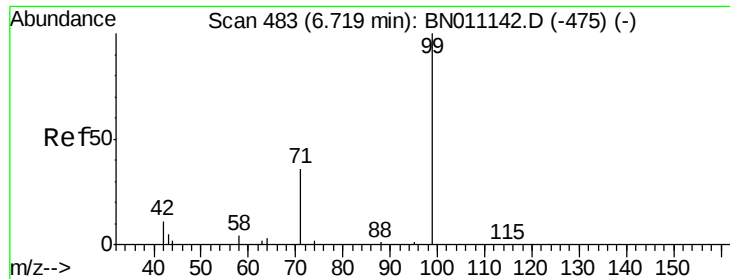
64 46.1 36.7 55.1

63 29.4 20.4 30.6



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





#5

Phenol-d6

Concen: 0.435 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

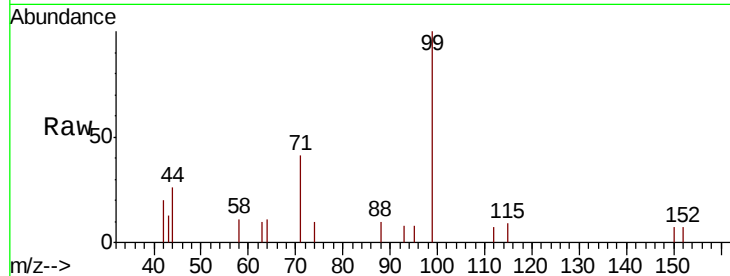
Tot Ion: 99 Resp: 1674

Ion Ratio Lower Upper

99 100

42 14.6 10.8 16.2

71 39.4 31.3 46.9



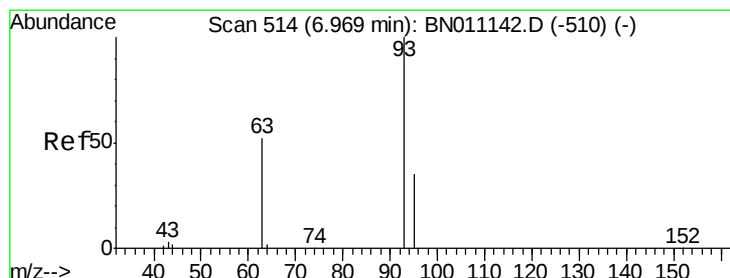
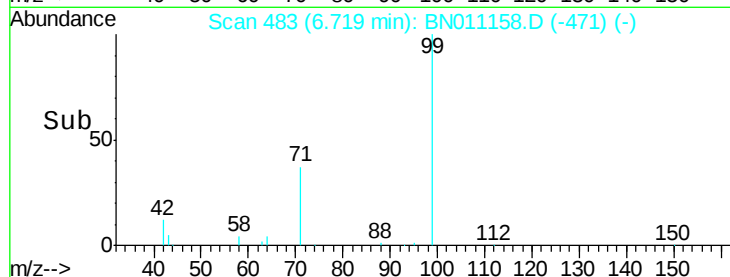
Abundance Ion 99.00 (98.70 to 99.70): BN011158.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN011158.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN011158.D (-471) (-)

6.72

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.396 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

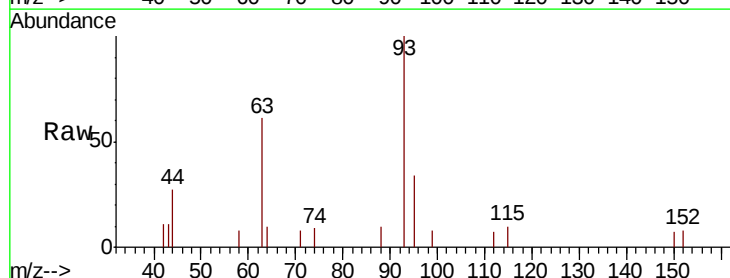
Tgt Ion: 93 Resp: 1397

Ion Ratio Lower Upper

93 100

63 57.4 47.4 71.0

95 36.4 28.1 42.1



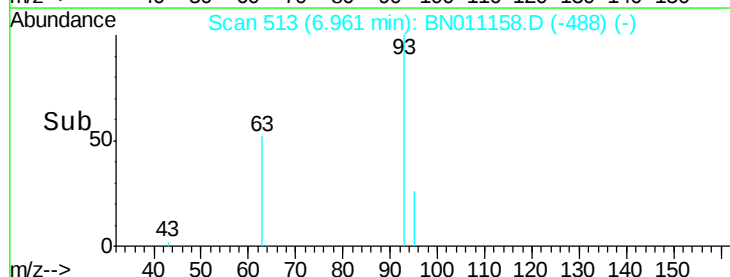
Abundance Ion 93.00 (92.70 to 93.70): BN011158.D (-488) (-)

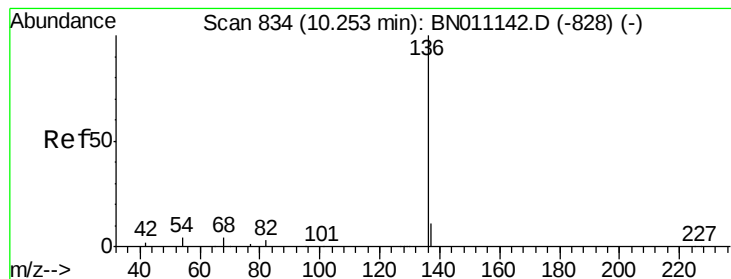
Ion 63.00 (62.70 to 63.70): BN011158.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011158.D (-488) (-)

6.96

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4761

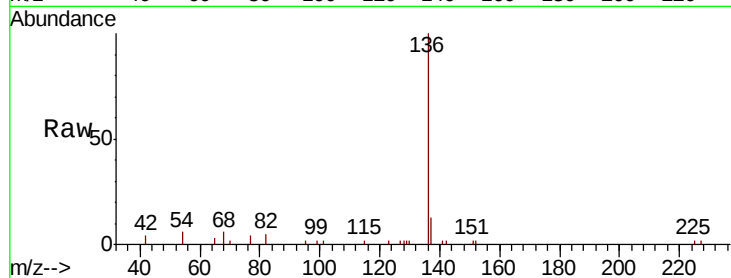
Ion Ratio Lower Upper

136 100

137 12.8 10.3 15.5

54 6.0 4.9 7.3

68 6.0 4.9 7.3

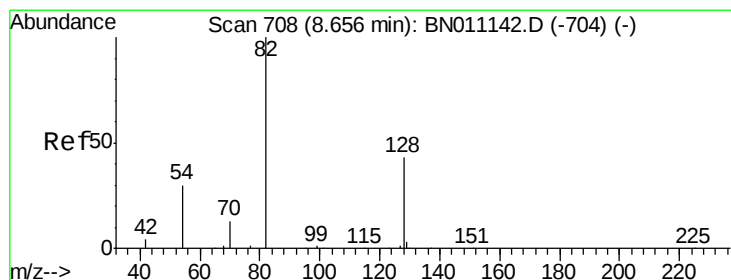
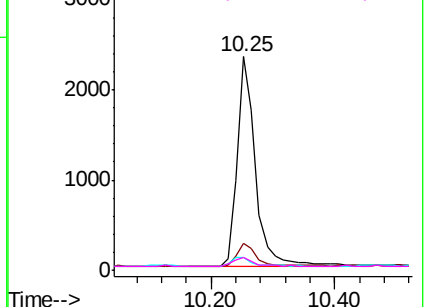
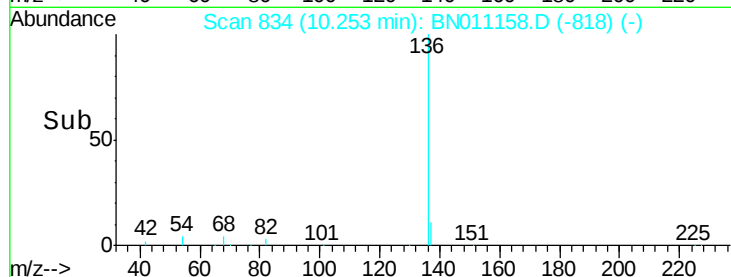


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

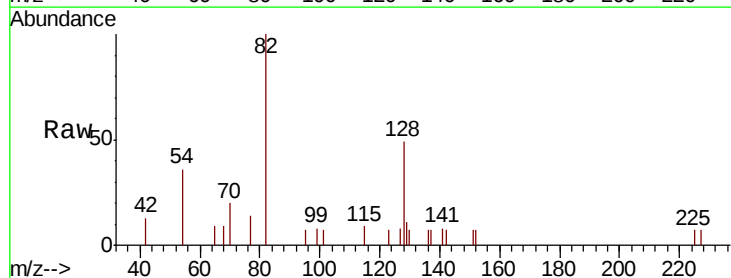
Tgt Ion: 82 Resp: 1610

Ion Ratio Lower Upper

82 100

128 49.2 38.1 57.1

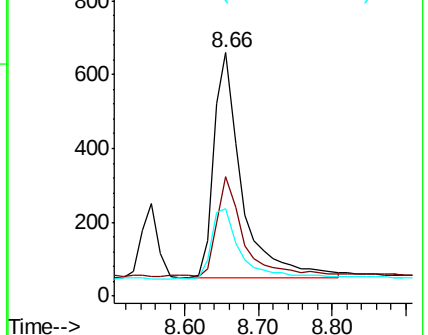
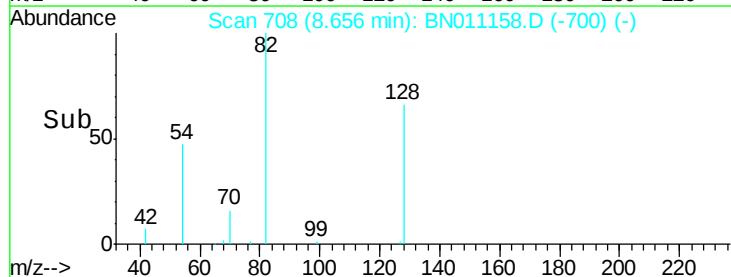
54 36.1 27.1 40.7

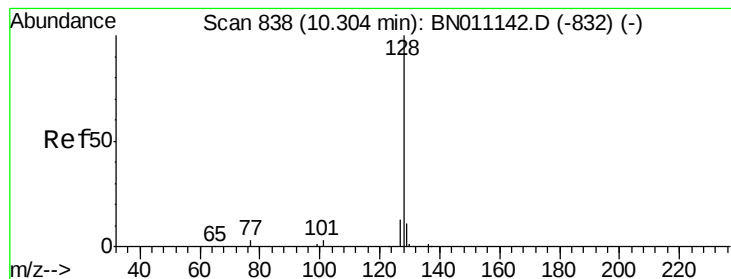


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

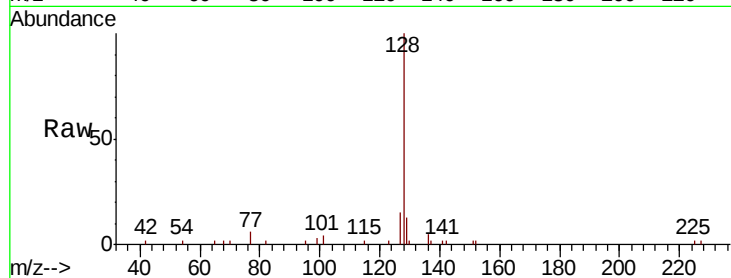
Tot Ion:128 Resp: 5685

Ion Ratio Lower Upper

128 100

129 13.0 9.8 14.6

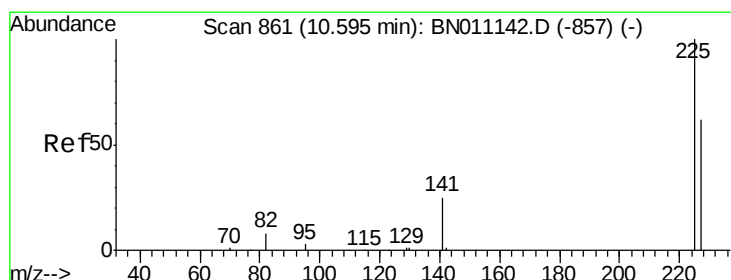
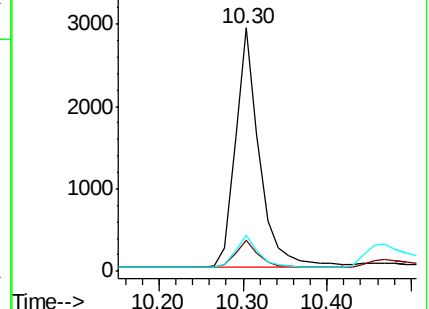
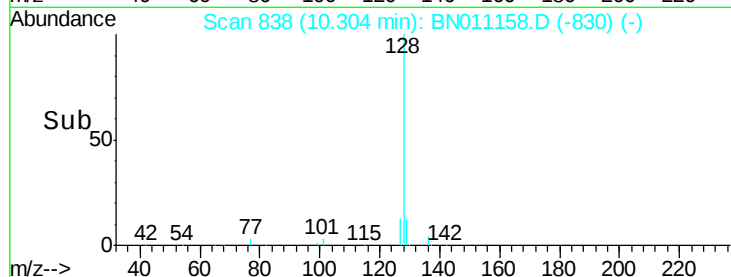
127 14.9 11.8 17.6



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: 0.445 ng

RT: 10.60 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

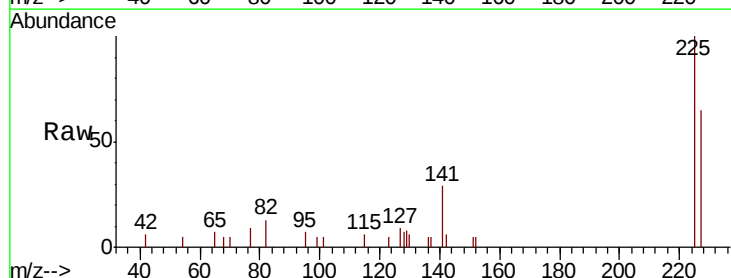
Tgt Ion:225 Resp: 1562

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

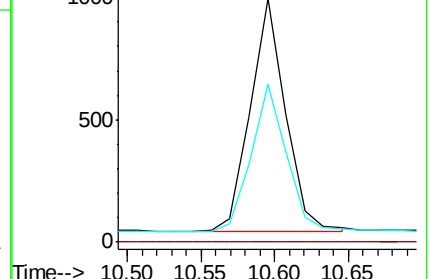
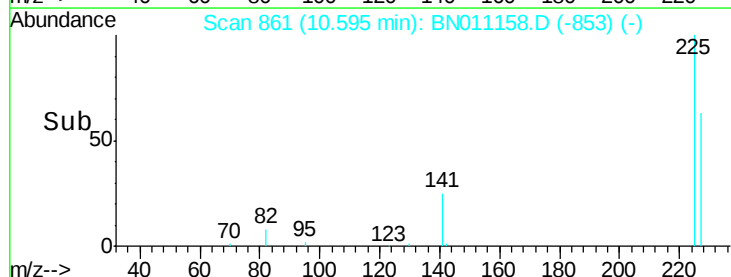
227 63.3 51.2 76.8

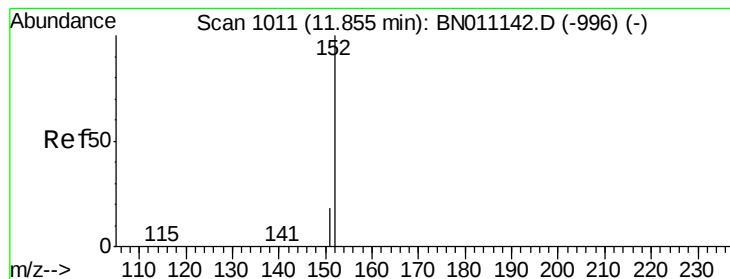


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

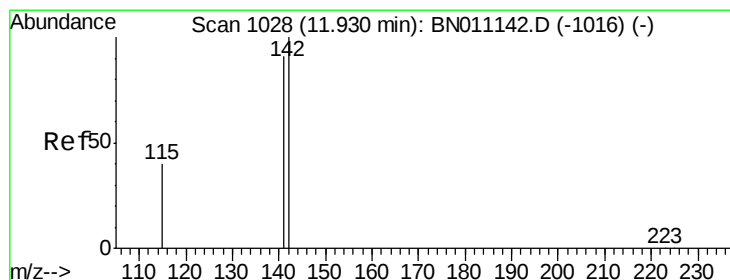
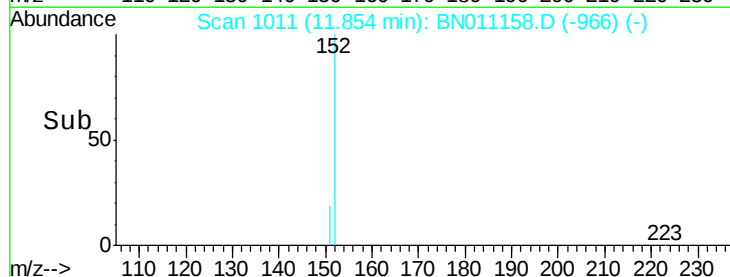
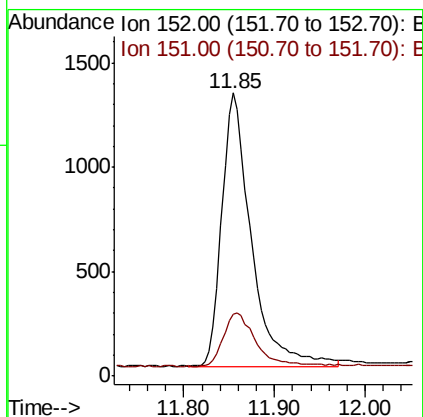
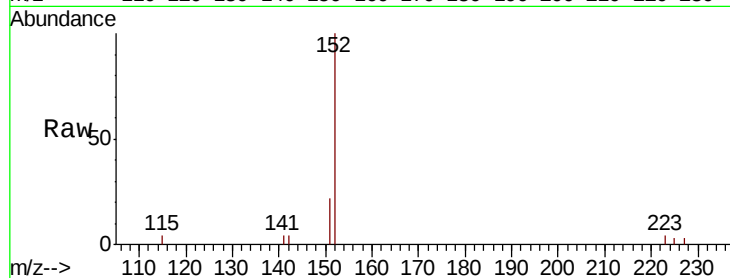




#11
 2-Methylnaphthalene-d10
 Concen: 0.382 ng
 RT: 11.85 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BN011158.D
 Acq: 13 Jul 2020 18:11

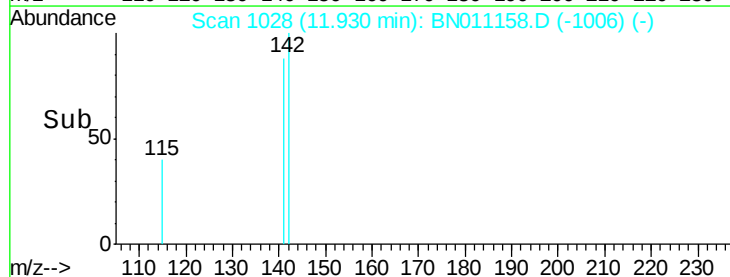
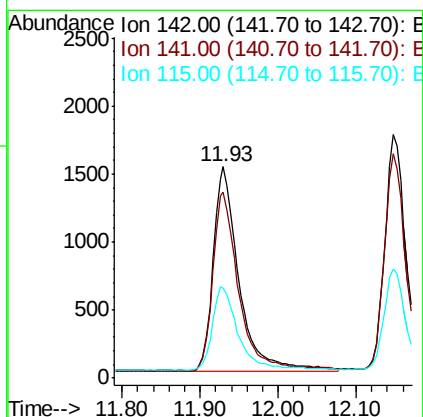
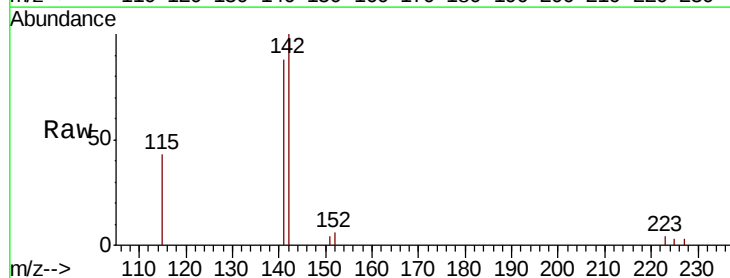
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

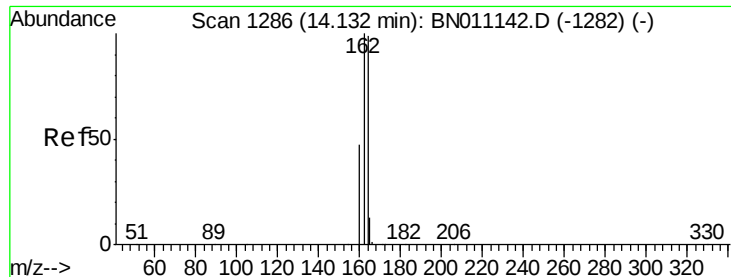
Tot Ion:152 Resp: 2954
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.5 24.7



#12
 2-Methylnaphthalene
 Concen: 0.386 ng
 RT: 11.93 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BN011158.D
 Acq: 13 Jul 2020 18:11

Tgt Ion:142 Resp: 3443
 Ion Ratio Lower Upper
 142 100
 141 88.0 72.7 109.1
 115 42.6 33.8 50.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

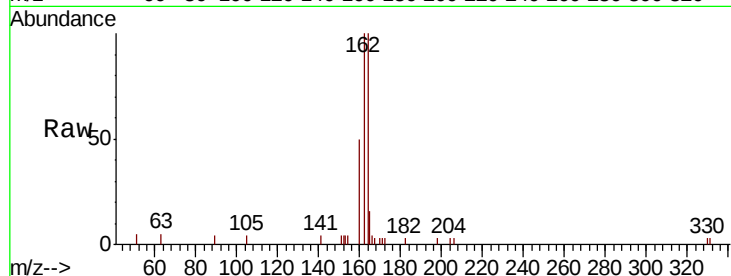
Tot Ion:164 Resp: 2329

Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.4

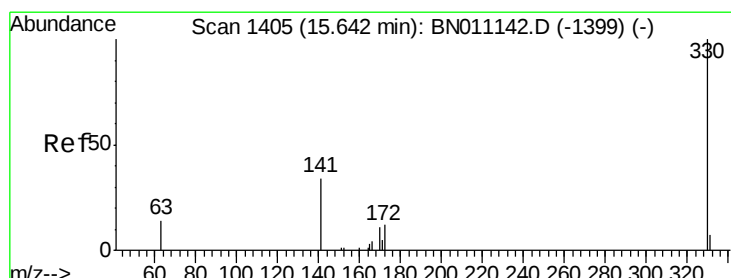
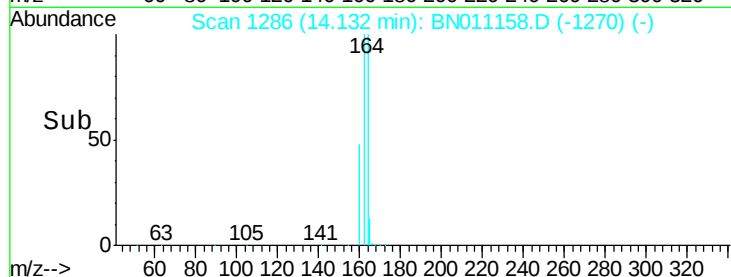
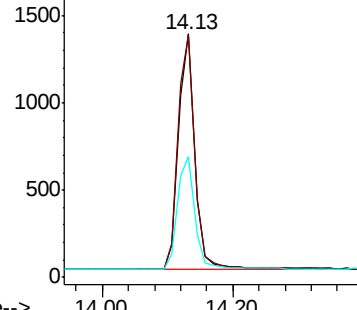
160 49.7 39.0 58.6



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: 0.443 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

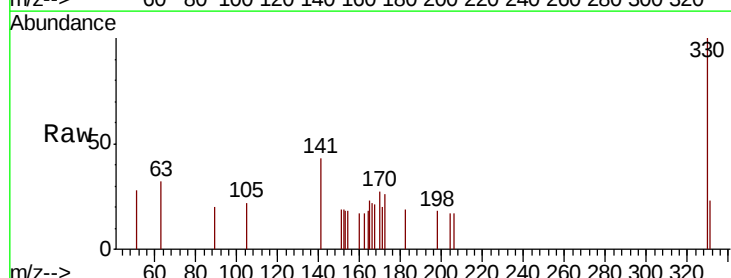
Tgt Ion:330 Resp: 458

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

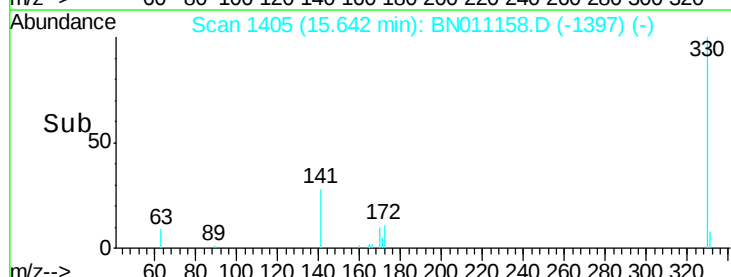
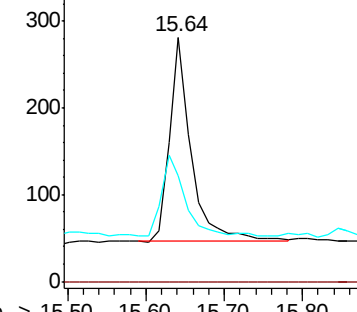
141 44.1 31.5 47.3

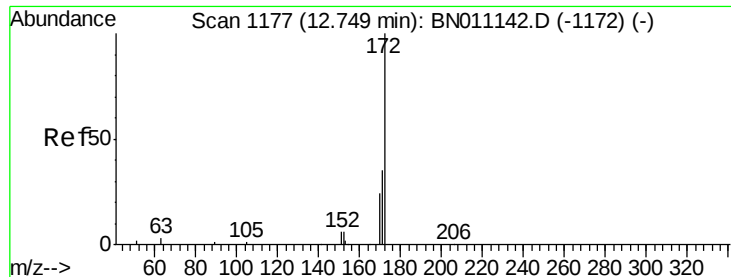


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

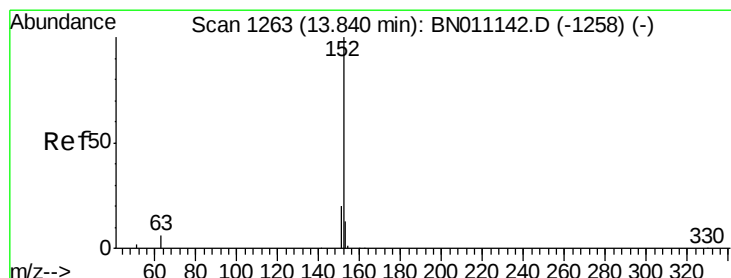
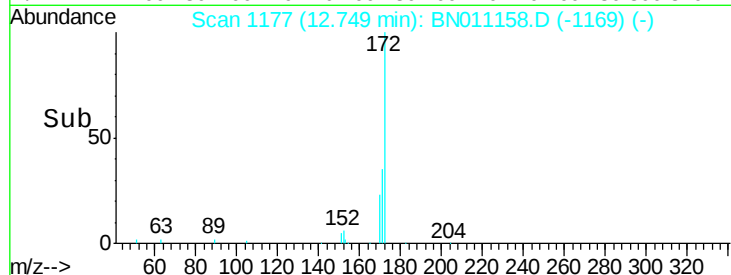
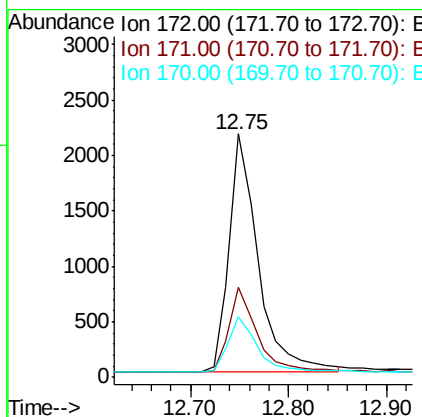
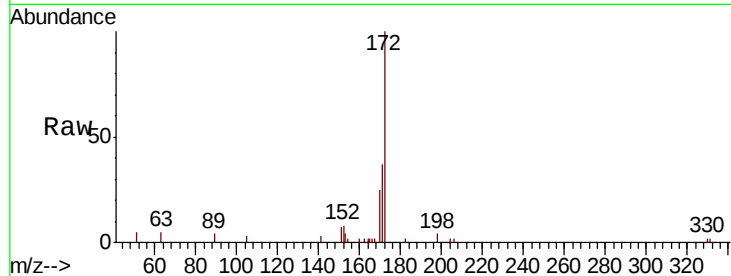




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.75 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

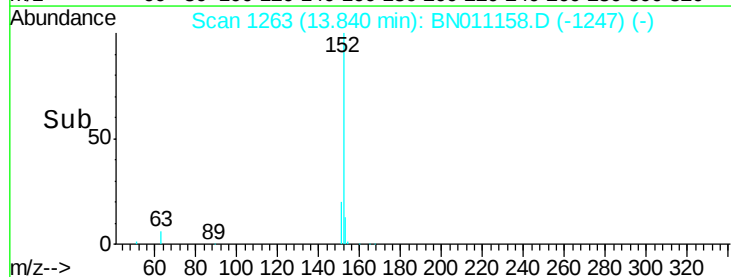
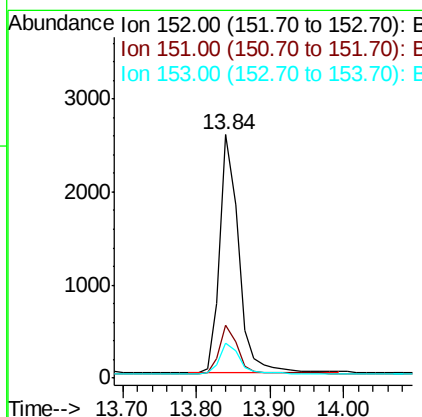
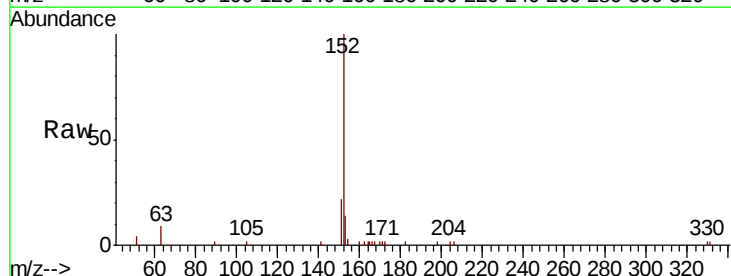
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

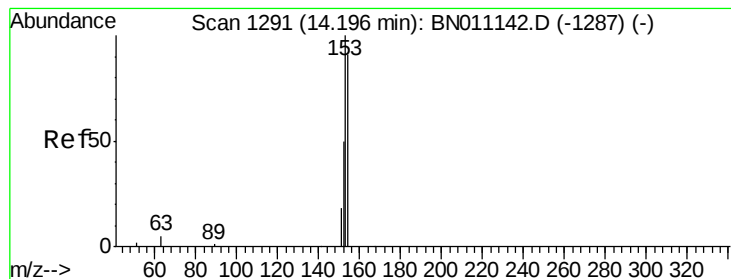
Tot Ion:172 Resp: 4455
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.6
170 25.1 20.3 30.5



#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.84 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

Tgt Ion:152 Resp: 4655
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.401 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

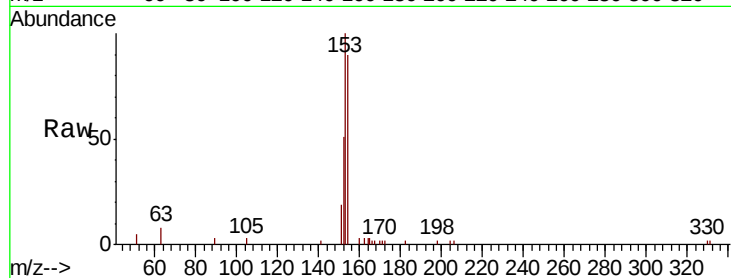
Tot Ion:154 Resp: 3168

Ion Ratio Lower Upper

154 100

153 115.4 91.3 136.9

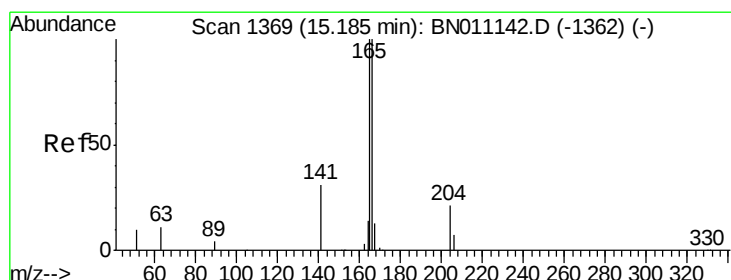
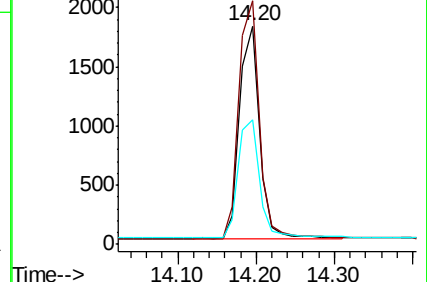
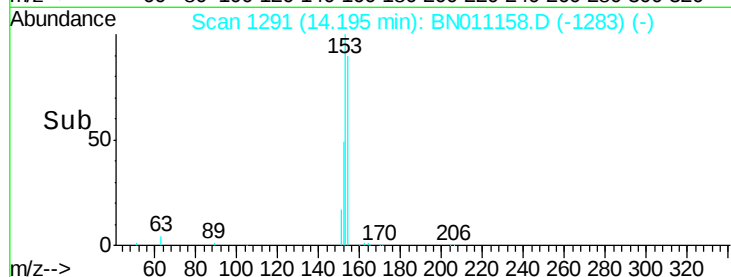
152 59.5 46.6 69.8



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: 0.439 ng

RT: 15.18 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

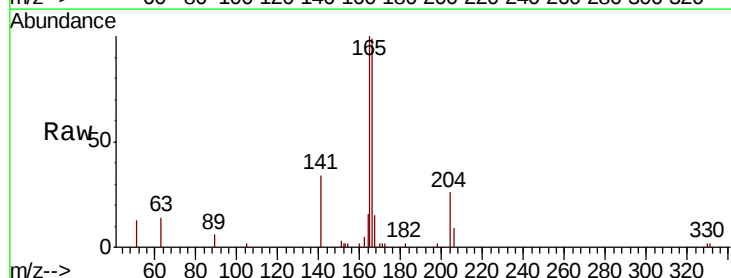
Tgt Ion:166 Resp: 4447

Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

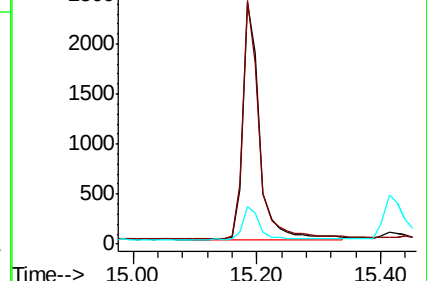
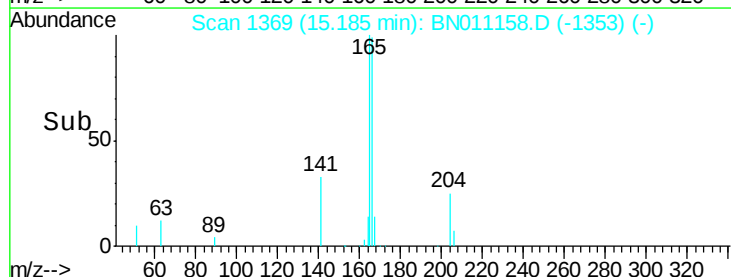
167 14.3 10.5 15.7

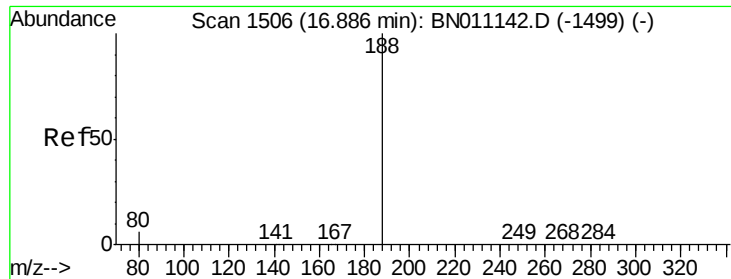


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

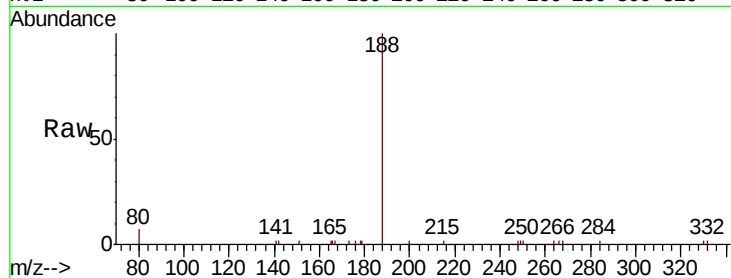
Tot Ion:188 Resp: 4792

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

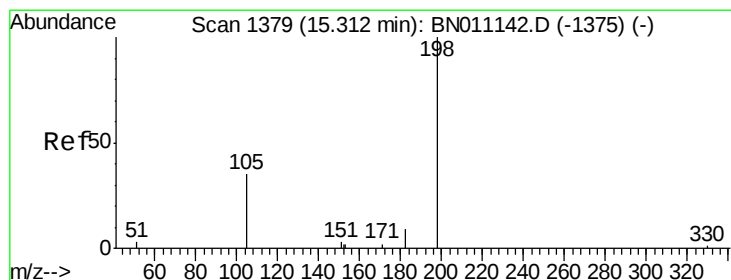
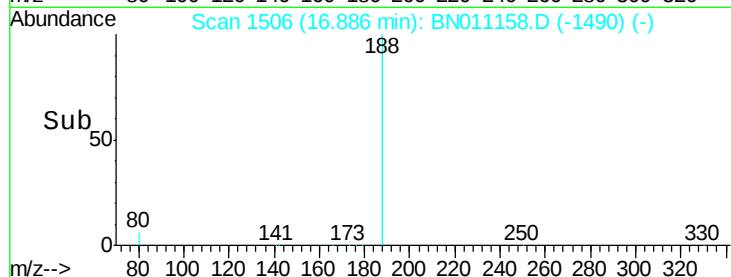
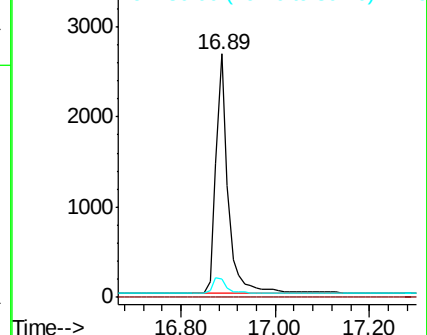
80 7.4 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.499 ng

RT: 15.31 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

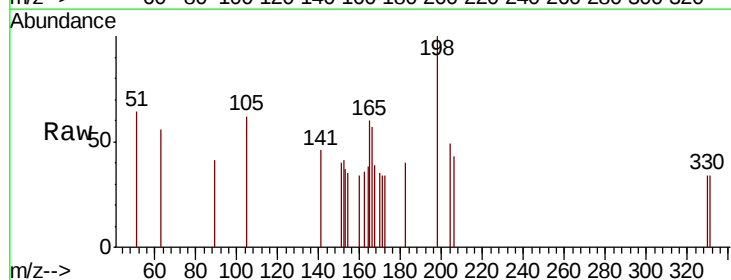
Tgt Ion:198 Resp: 327

Ion Ratio Lower Upper

198 100

51 64.2 53.1 79.7

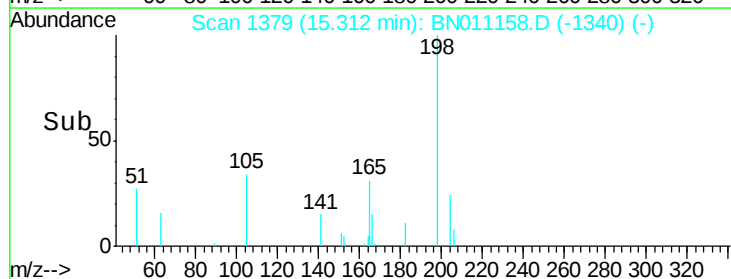
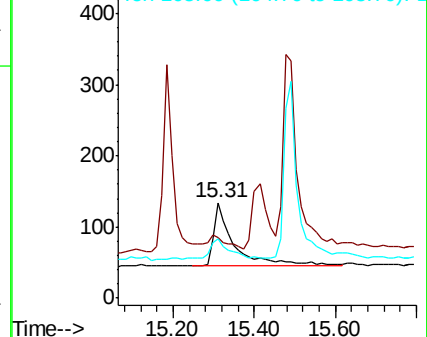
105 61.9 51.9 77.9

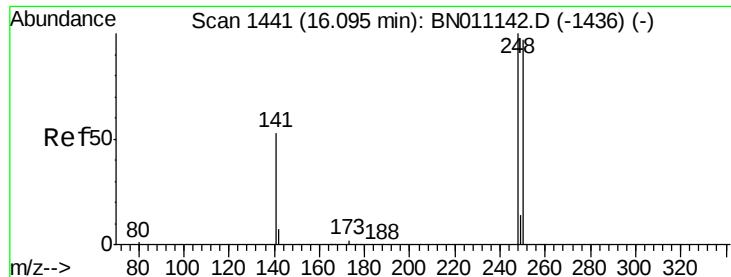


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

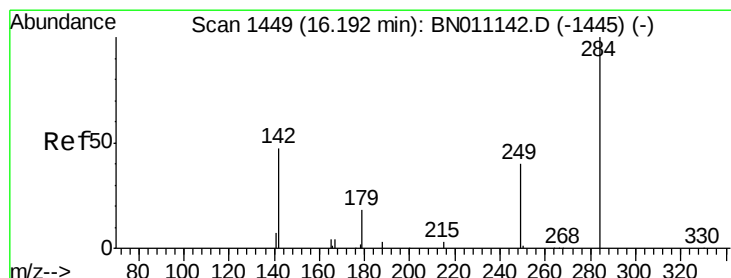
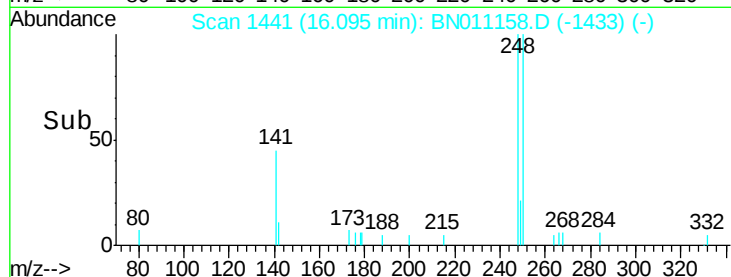
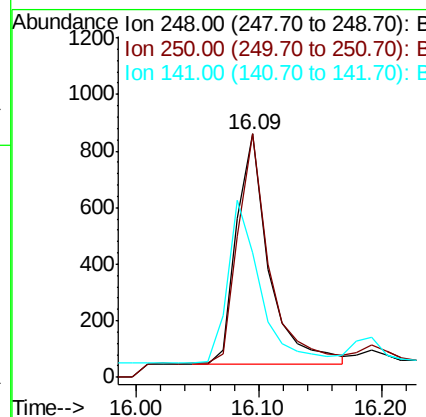
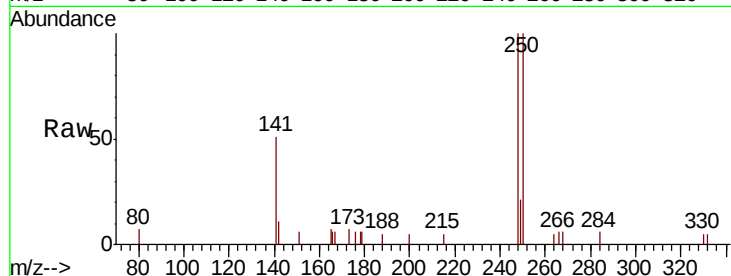




#21
4-Bromophenyl-phenylether
Concen: 0.464 ng
RT: 16.09 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

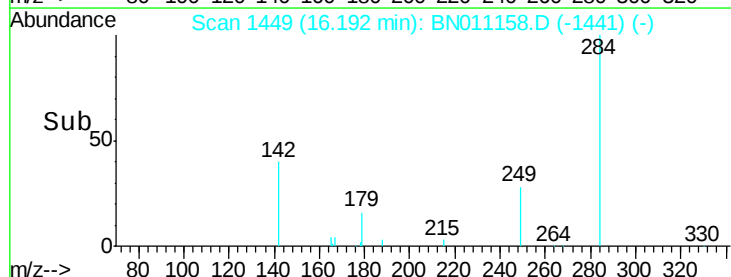
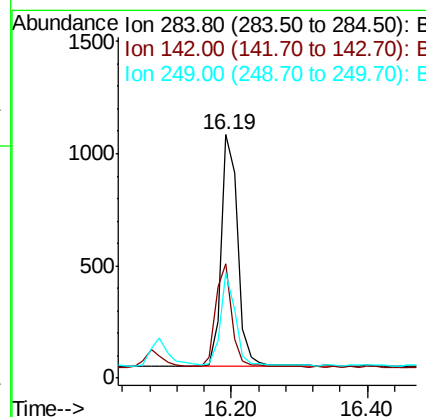
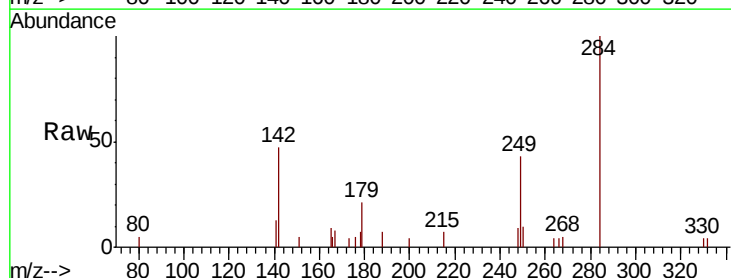
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

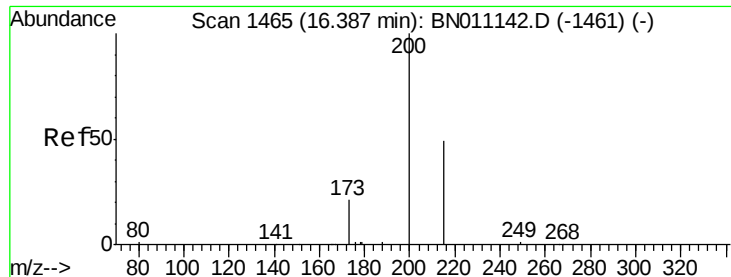
Tot Ion:248 Resp: 1510
Ion Ratio Lower Upper
248 100
250 100.1 78.4 117.6
141 51.4 45.1 67.7



#22
Hexachlorobenzene
Concen: 0.460 ng
RT: 16.19 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

Tgt Ion:284 Resp: 1745
Ion Ratio Lower Upper
284 100
142 42.5 32.6 48.8
249 35.1 28.4 42.6

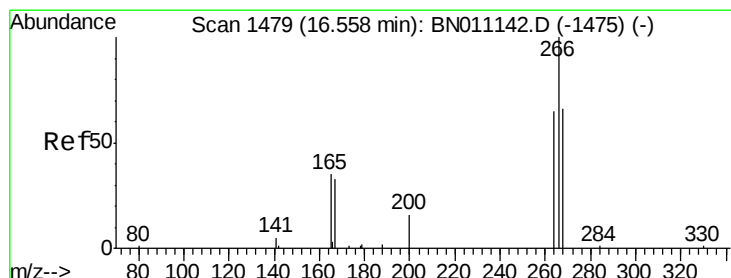
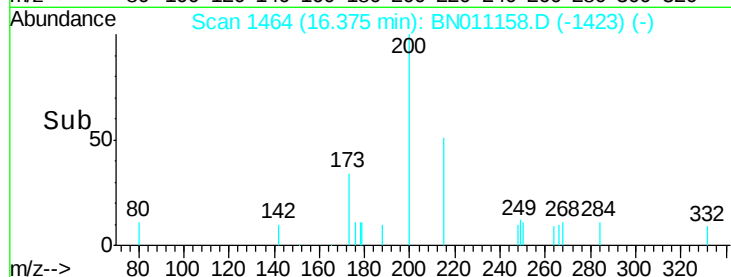
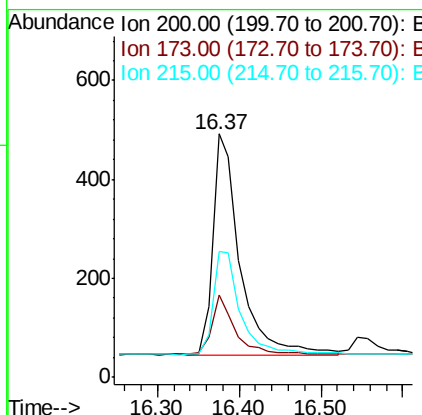
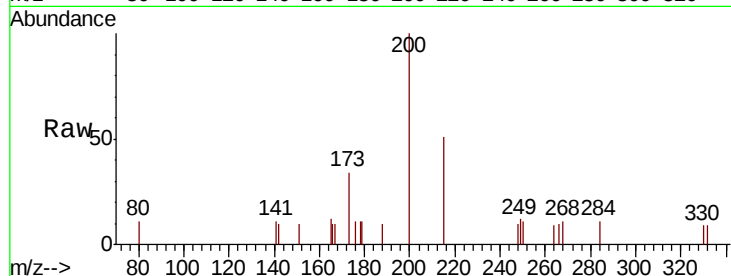




#23
Atrazine
Concen: 0.453 ng
RT: 16.37 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

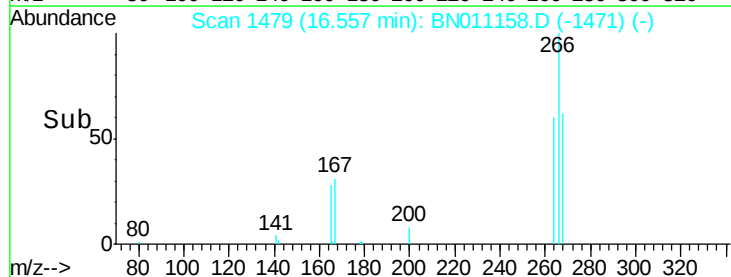
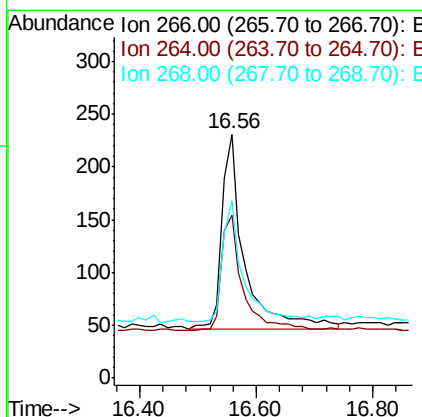
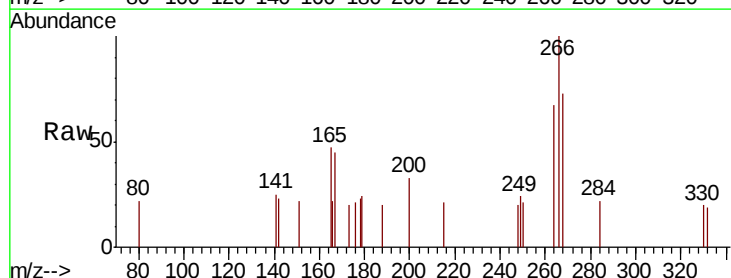
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

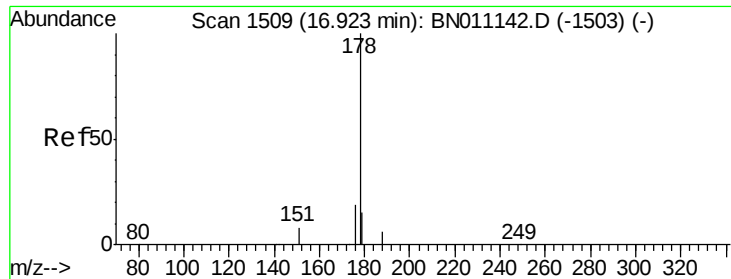
Tot Ion	Ratio	Lower	Upper
200	100		
173	33.7	23.0	34.4
215	51.4	42.6	63.8



#24
Pentachlorophenol
Concen: 0.429 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

Tgt Ion	Ratio	Lower	Upper
266	100		
264	56.7	52.5	78.7
268	57.1	48.9	73.3

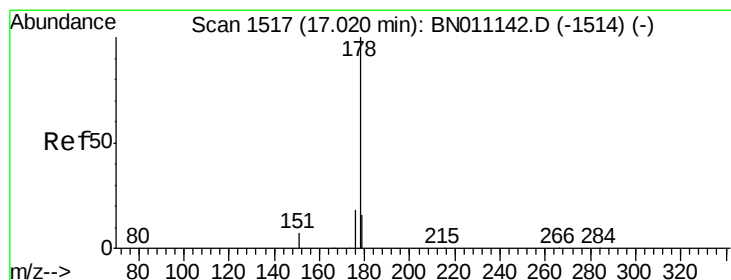
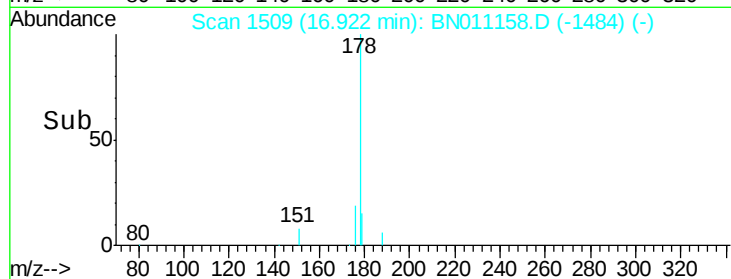
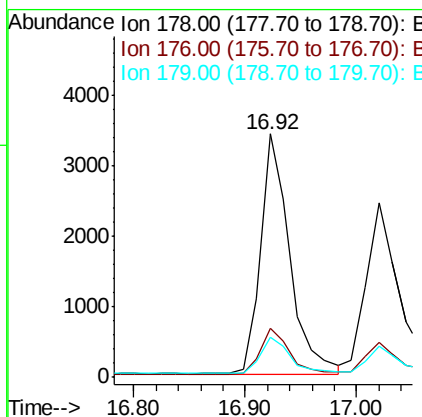
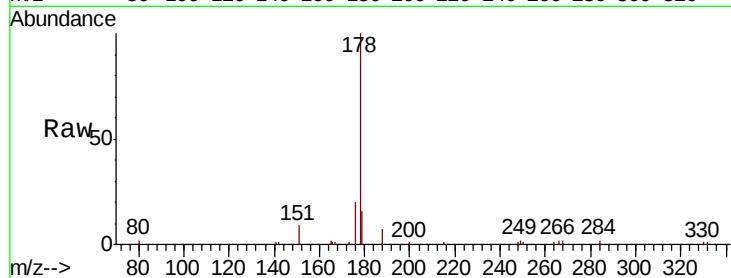




#25
Phenanthrene
Concen: 0.402 ng
RT: 16.92 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

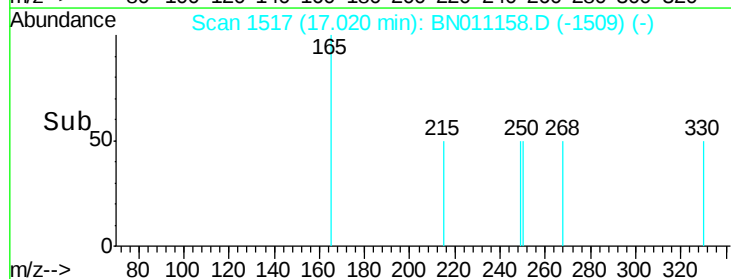
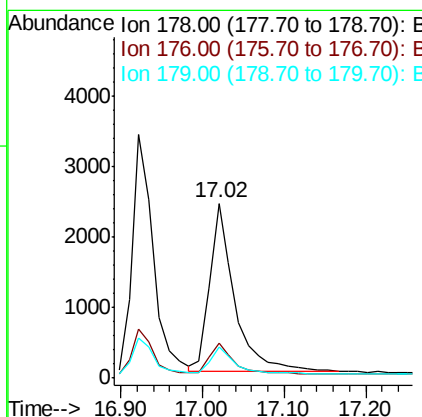
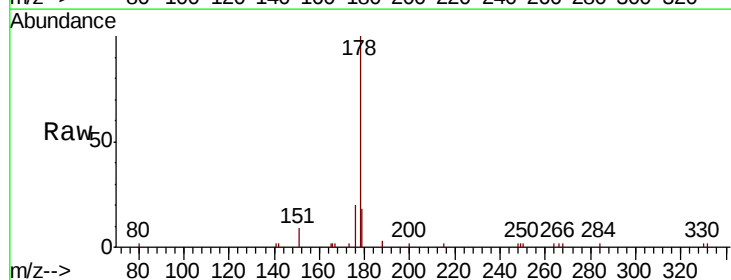
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

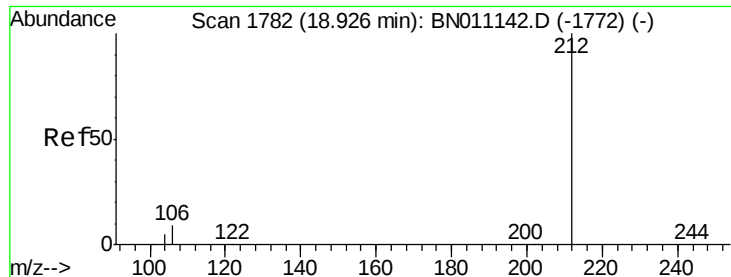
Tot Ion:178 Resp: 6193
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.6 18.8



#26
Anthracene
Concen: 0.391 ng
RT: 17.02 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

Tgt Ion:178 Resp: 4994
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 16.3 12.0 18.0

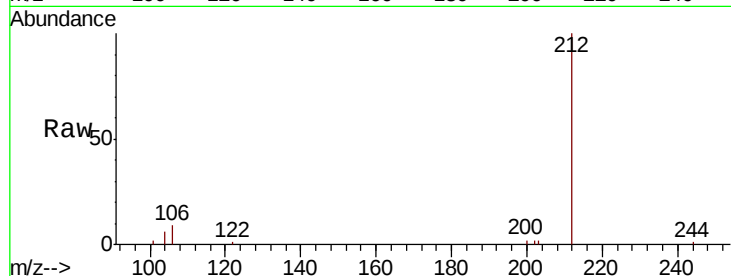




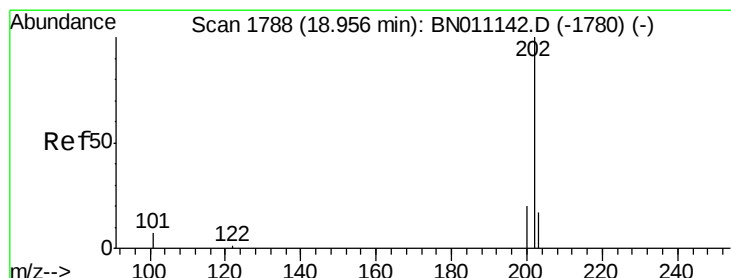
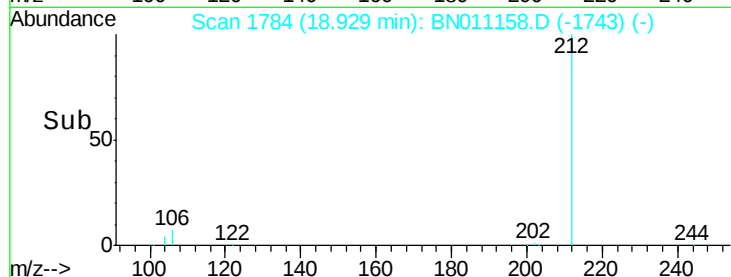
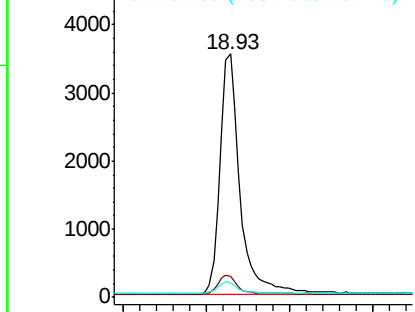
#27
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 18.93 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BN011158.D
 Acq: 13 Jul 2020 18:11

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:212 Resp: 5924
 Ion Ratio Lower Upper
 212 100
 106 7.9 7.0 10.6
 104 4.8 4.2 6.4

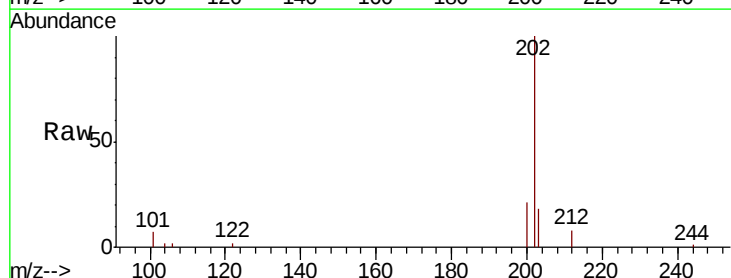


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

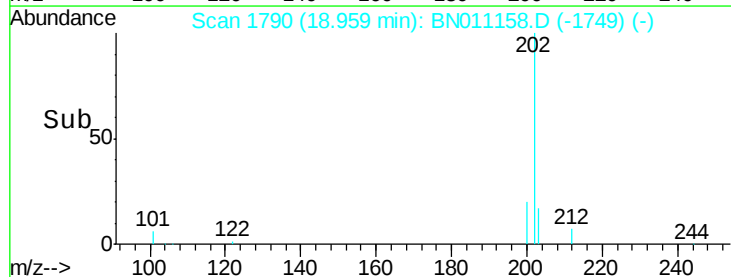
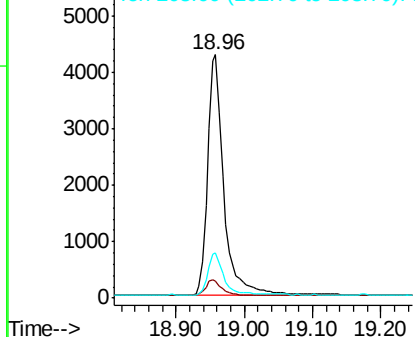


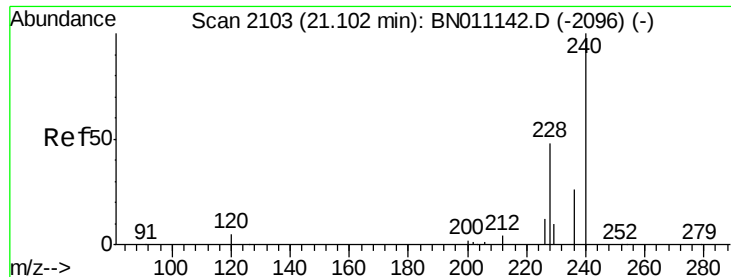
#28
 Fluoranthene
 Concen: 0.386 ng
 RT: 18.96 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BN011158.D
 Acq: 13 Jul 2020 18:11

Tgt Ion:202 Resp: 7129
 Ion Ratio Lower Upper
 202 100
 101 6.5 5.9 8.9
 203 17.1 13.6 20.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

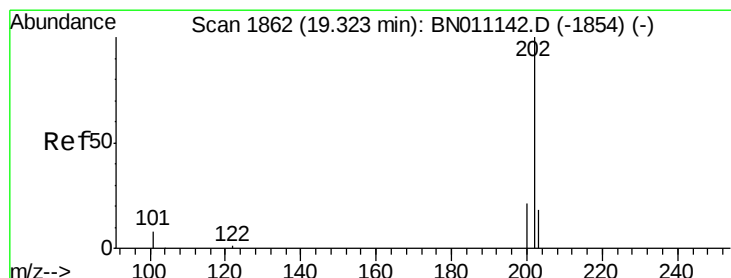
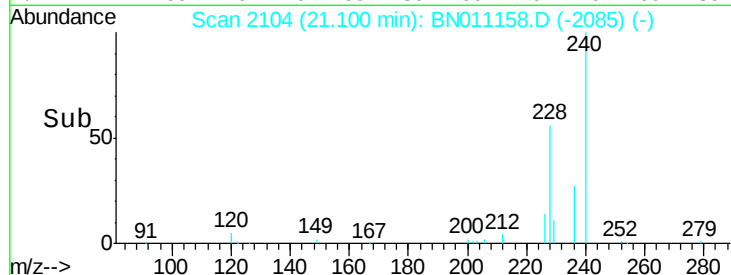
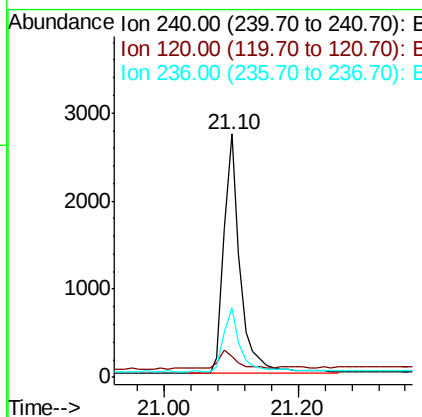
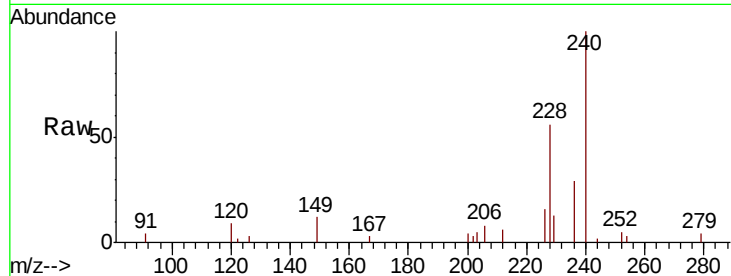




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

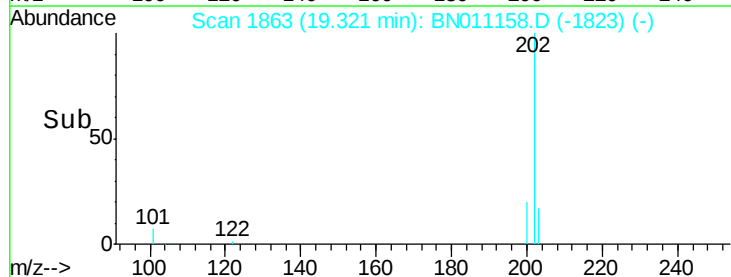
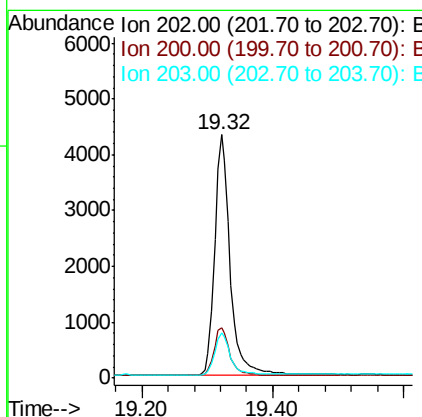
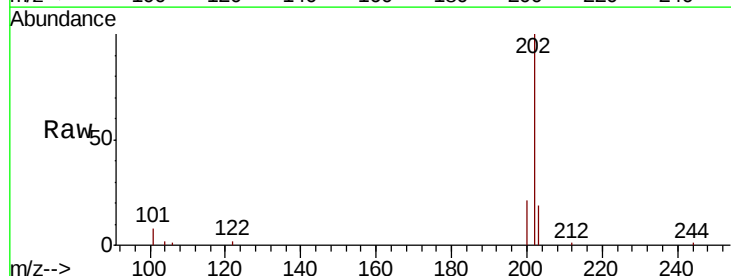
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

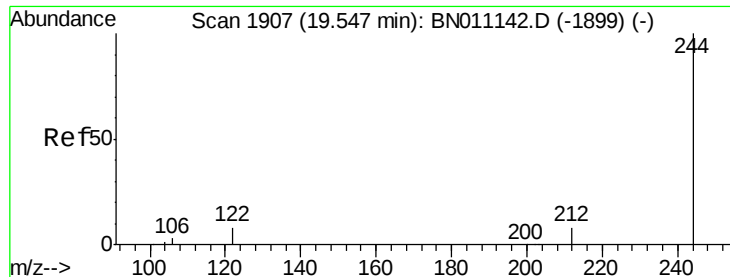
Tot Ion:240 Resp: 4586
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 28.7 21.9 32.9



#30
Pyrene
Concen: 0.405 ng
RT: 19.32 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

Tgt Ion:202 Resp: 7098
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.6 14.2 21.4

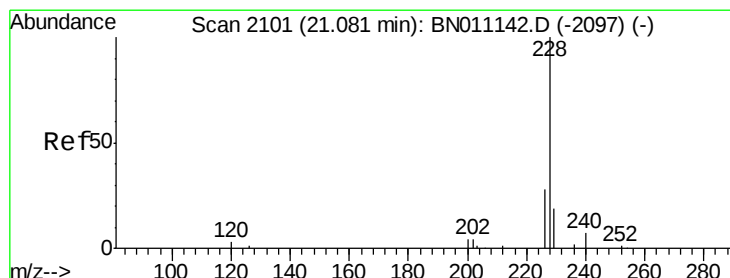
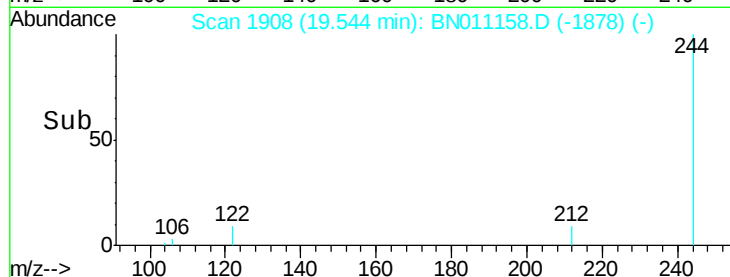
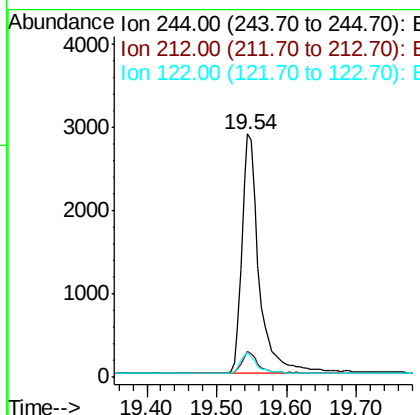
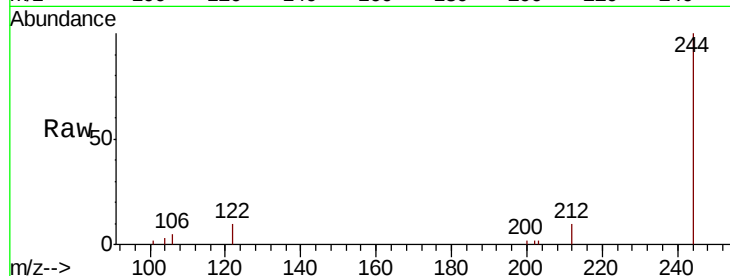




#31
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 19.54 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BN011158.D
 Acq: 13 Jul 2020 18:11

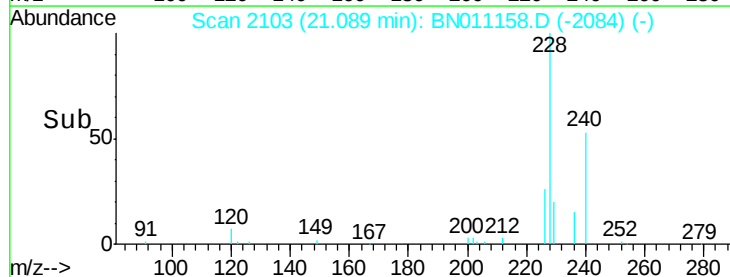
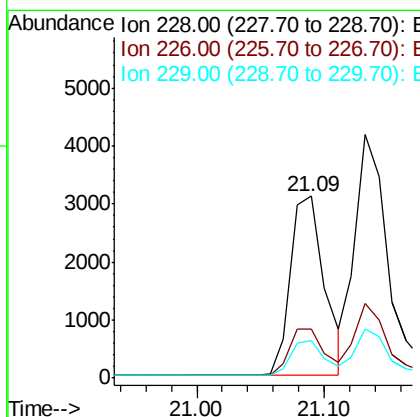
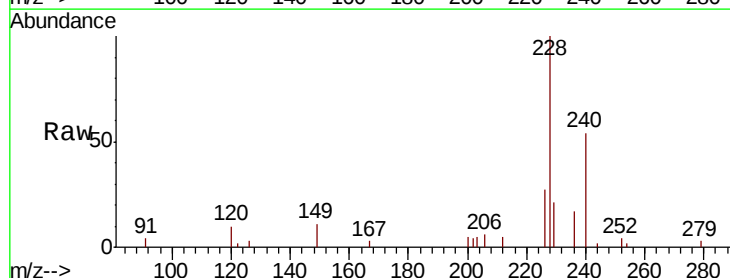
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

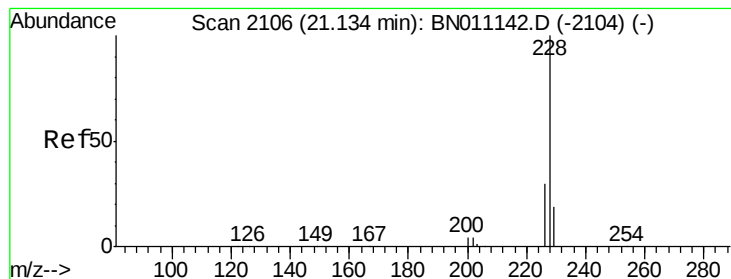
Tot Ion:244 Resp: 5005
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.8 11.6
 122 10.2 7.4 11.0



#32
 Benzo(a)anthracene
 Concen: 0.386 ng
 RT: 21.09 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BN011158.D
 Acq: 13 Jul 2020 18:11

Tgt Ion:228 Resp: 5737
 Ion Ratio Lower Upper
 228 100
 226 27.1 23.2 34.8
 229 20.9 16.2 24.4





#33

Chrysene

Concen: 0.404 ng

RT: 21.13 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

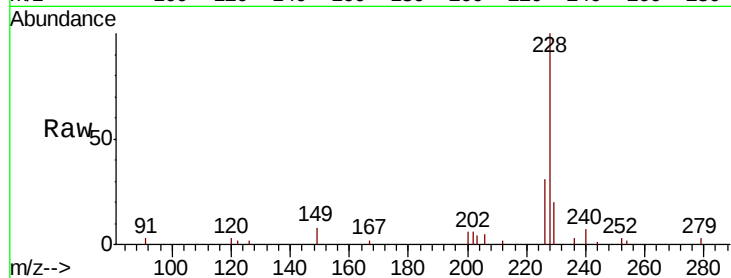
Tot Ion:228 Resp: 7338

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

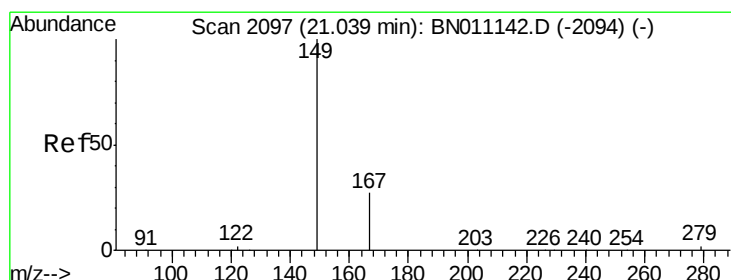
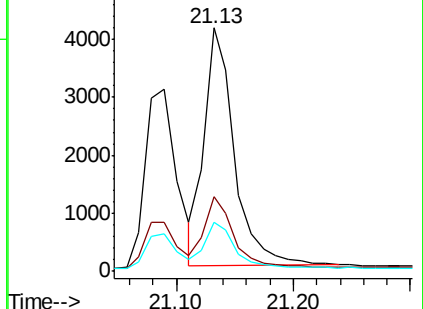
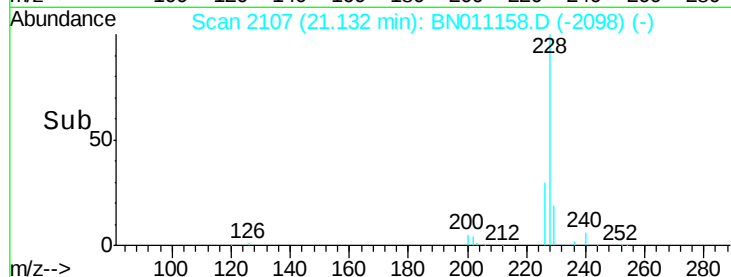
229 20.1 16.2 24.4



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: 0.445 ng

RT: 21.04 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

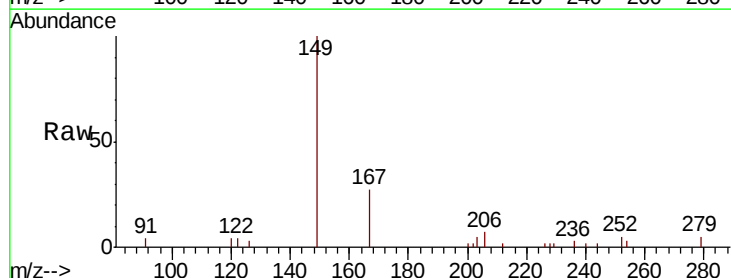
Tgt Ion:149 Resp: 2726

Ion Ratio Lower Upper

149 100

167 28.2 23.4 35.0

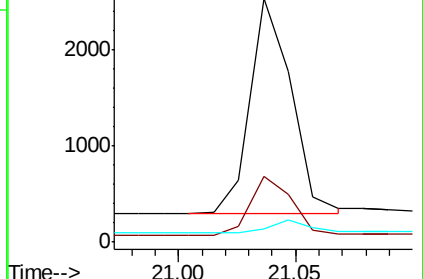
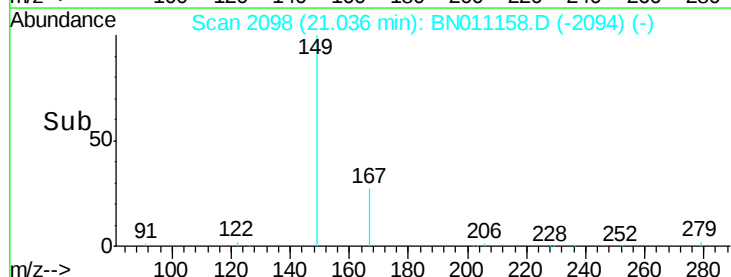
279 5.0 4.5 6.7

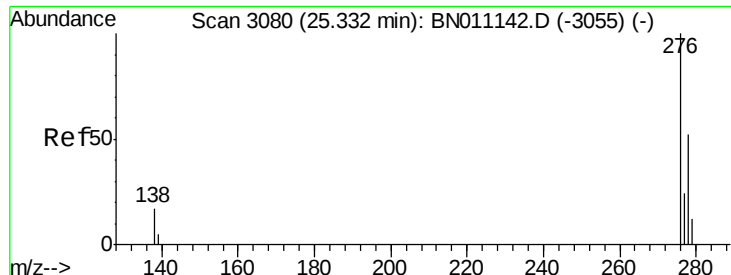


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

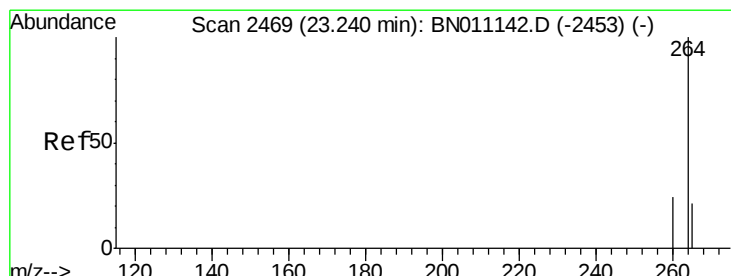
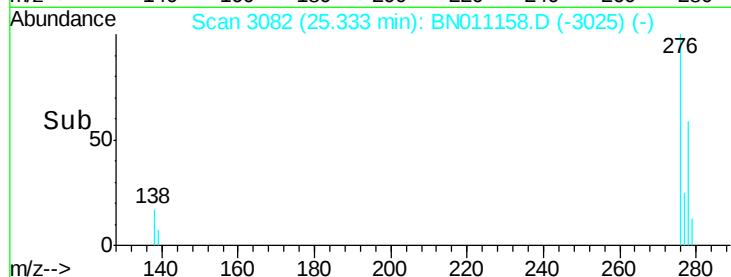
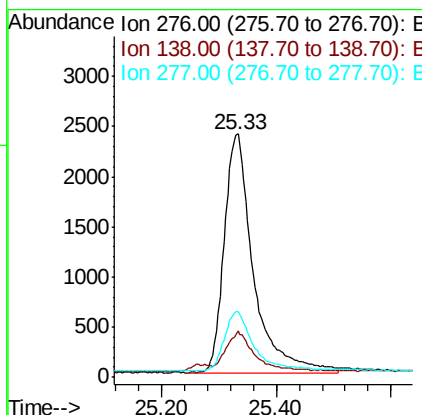
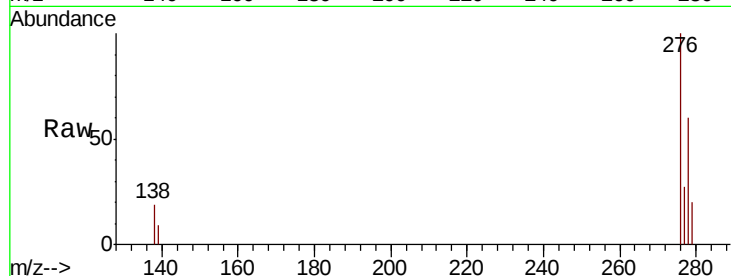




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng
RT: 25.33 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

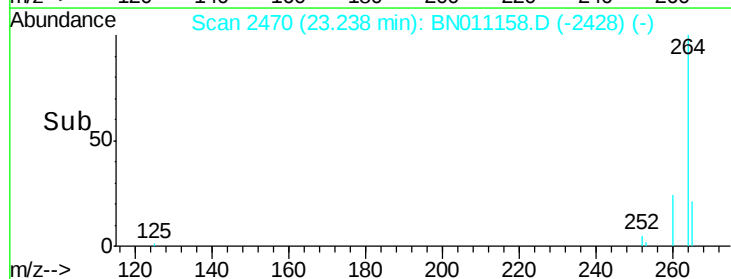
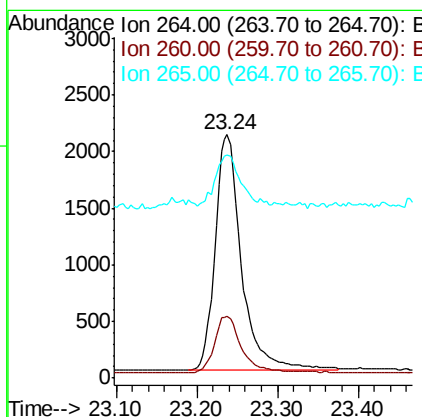
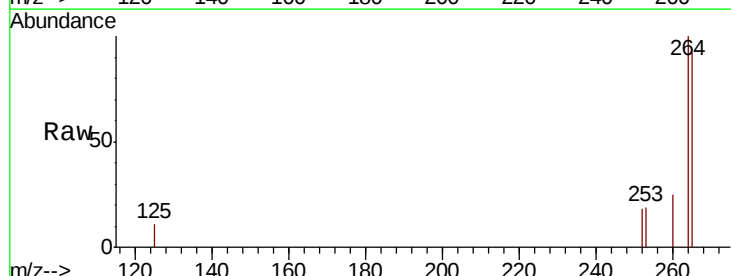
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

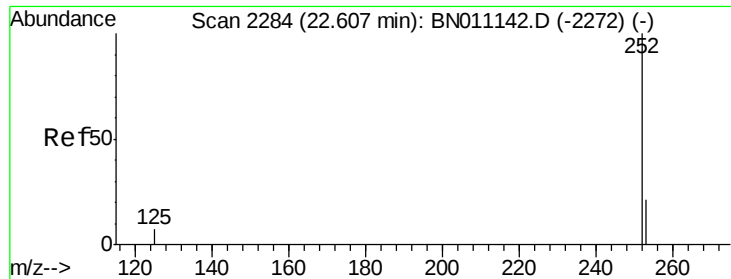
Tot Ion:276 Resp: 8407
Ion Ratio Lower Upper
276 100
138 15.4 13.0 19.6
277 24.3 19.7 29.5



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.24 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BN011158.D
Acq: 13 Jul 2020 18:11

Tgt Ion:264 Resp: 4701
Ion Ratio Lower Upper
264 100
260 25.3 20.1 30.1
265 91.5 76.6 115.0





#37

Benzo(b)fluoranthene

Concen: 0.359 ng

RT: 22.60 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

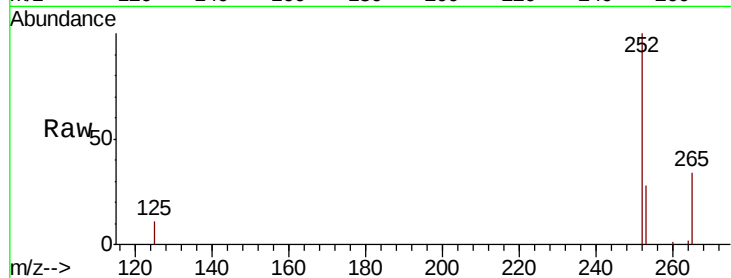
Tot Ion:252 Resp: 6779

Ion Ratio Lower Upper

252 100

253 27.5 22.6 34.0

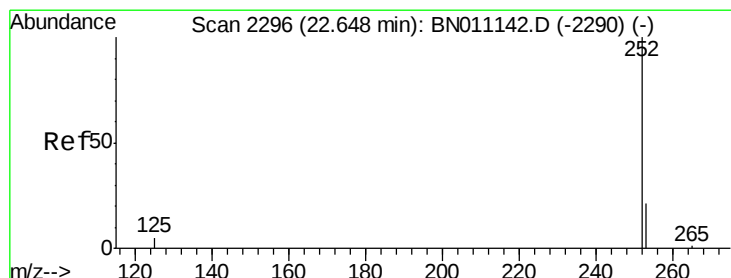
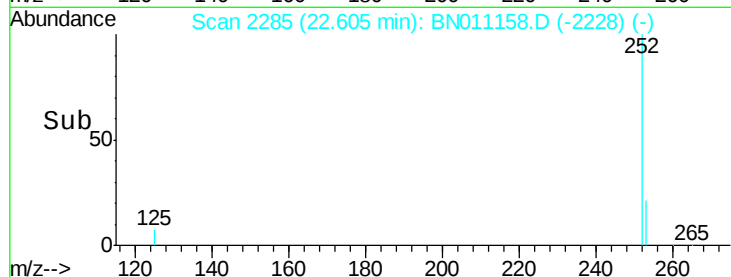
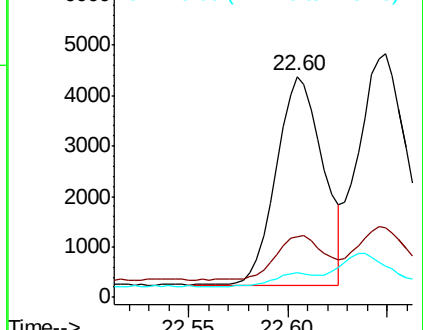
125 11.2 9.6 14.4



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: 0.422 ng

RT: 22.65 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

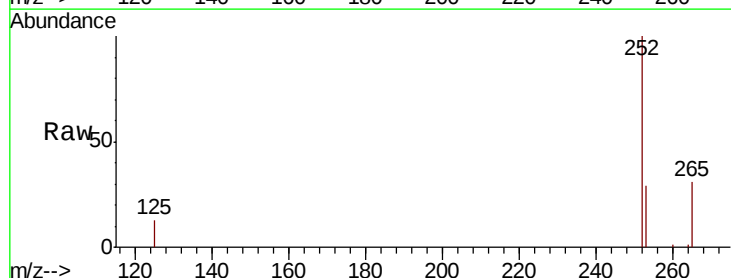
Tgt Ion:252 Resp: 8997

Ion Ratio Lower Upper

252 100

253 28.6 22.2 33.4

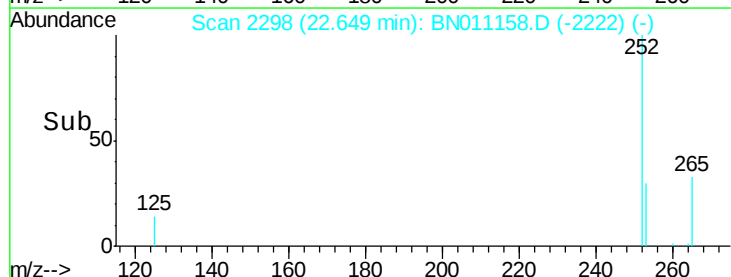
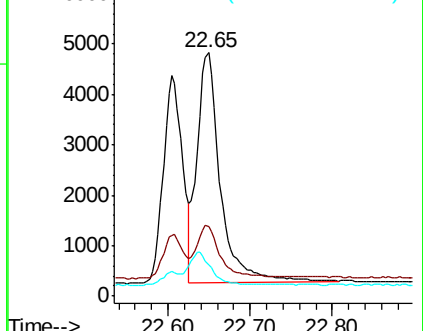
125 13.0 11.0 16.4

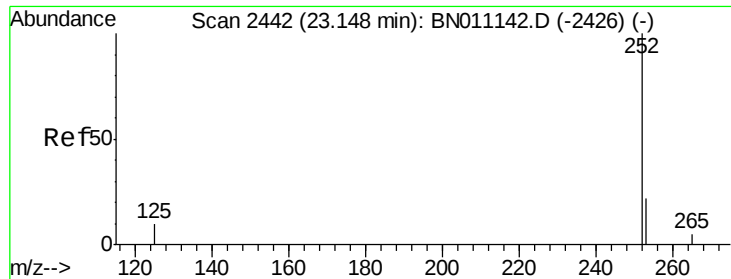


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.15 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

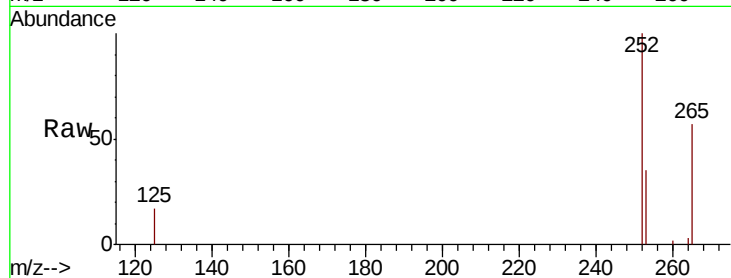
Tot Ion:252 Resp: 6541

Ion Ratio Lower Upper

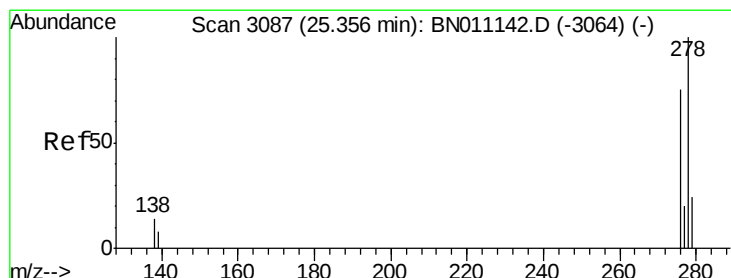
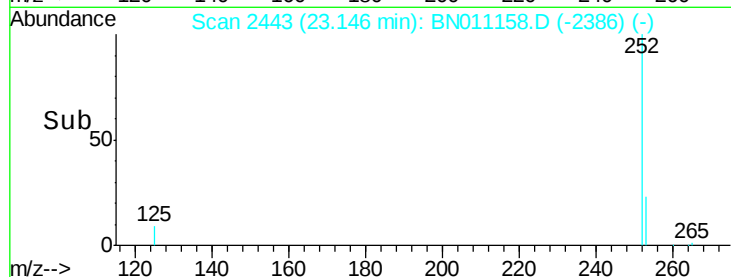
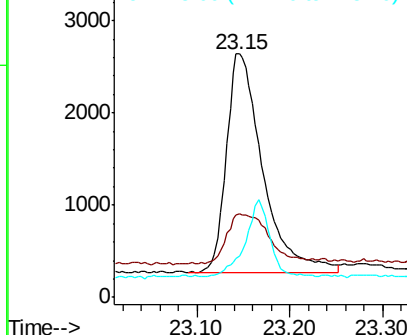
252 100

253 34.5 25.8 38.6

125 16.8 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: 0.354 ng

RT: 25.35 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BN011158.D

Acq: 13 Jul 2020 18:11

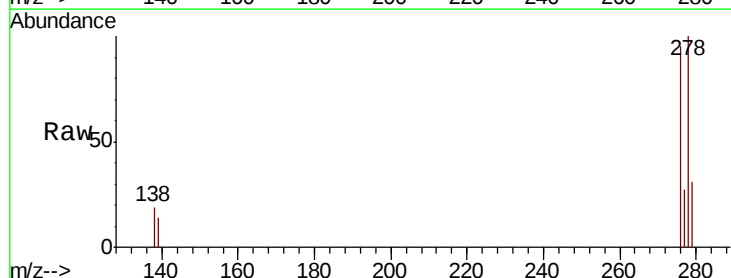
Tgt Ion:278 Resp: 6374

Ion Ratio Lower Upper

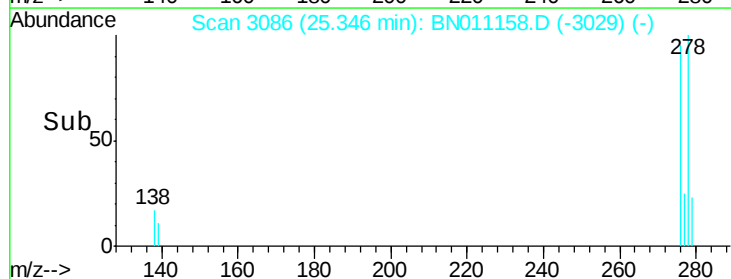
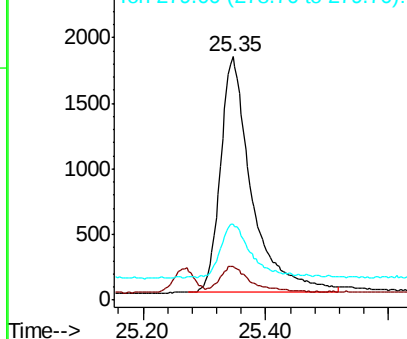
278 100

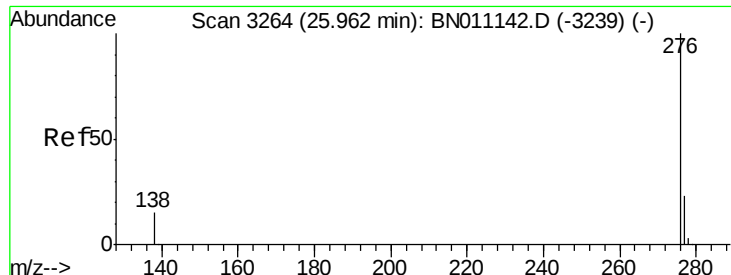
139 13.6 11.7 17.5

279 31.4 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: 0.365 ng

RT: 25.96 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BN011158.D

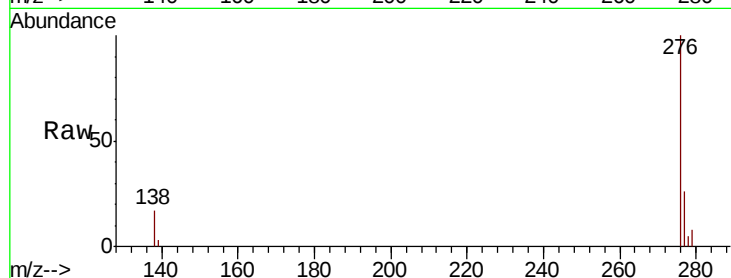
Acq: 13 Jul 2020 18:11

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



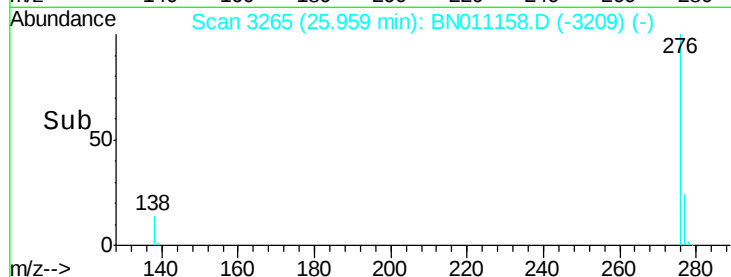
Tot Ion: 276 Resp: 7220

Ion Ratio Lower Upper

276 100

277 26.5 20.5 30.7

138 16.7 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

