

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
 Data File : BN011510.D
 Acq On : 19 Aug 2020 11:01
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 19 13:32:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 13:20:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1002	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	3890	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	2328	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	4326	0.40	ng	0.00
29) Chrysene-d12	21.05	240	5520	0.40	ng	0.00
36) Perylene-d12	23.16	264	4918	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	951	0.36	ng	0.00
5) Phenol-d6	6.64	99	1014	0.32	ng	0.00
8) Nitrobenzene-d5	8.59	82	1021	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.78	152	2189	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.57	330	336	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	3763	0.37	ng	0.00
27) Fluoranthene-d10	18.86	212	4889	0.37	ng	0.00
31) Terphenyl-d14	19.48	244	4139	0.25	ng	0.00

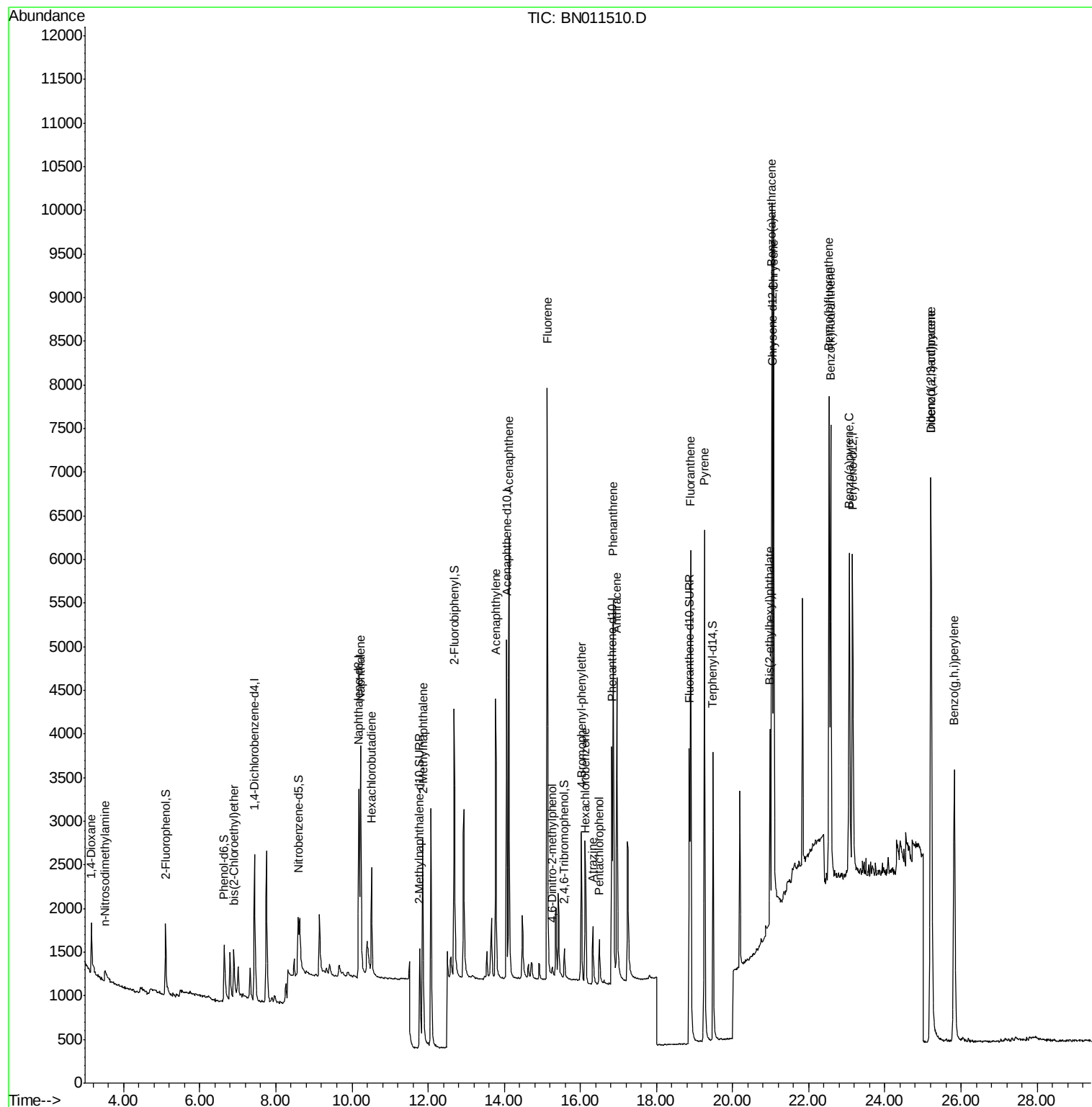
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	571	0.405	ng	95
3) n-Nitrosodimethylamine	3.51	42	194	0.268	ng	# 87
6) bis(2-Chloroethyl)ether	6.89	93	855	0.321	ng	88
9) Naphthalene	10.22	128	3970	0.344	ng	98
10) Hexachlorobutadiene	10.52	225	998	0.357	ng	# 98
12) 2-Methylnaphthalene	11.86	142	2386	0.292	ng	99
16) Acenaphthylene	13.77	152	4192	0.350	ng	99
17) Acenaphthene	14.13	154	2760	0.353	ng	99
18) Fluorene	15.13	166	3423	0.341	ng	98
20) 4,6-Dinitro-2-methylphenol	15.26	198	201	0.336	ng	87
21) 4-Bromophenyl-phenylether	16.03	248	1343	0.468	ng	97
22) Hexachlorobenzene	16.14	284	1339	0.412	ng	97
23) Atrazine	16.32	200	770	0.345	ng	98
24) Pentachlorophenol	16.49	266	375	0.372	ng	91
25) Phenanthrene	16.86	178	5130	0.364	ng	100
26) Anthracene	16.96	178	4571	0.391	ng	99
28) Fluoranthene	18.90	202	5964	0.373	ng	99
30) Pyrene	19.26	202	6140	0.247	ng	99
32) Benzo(a)anthracene	21.02	228	6173	0.334	ng	100
33) Chrysene	21.08	228	6976	0.336	ng	100
34) Bis(2-ethylhexyl)phthalate	20.98	149	2121	0.214	ng	99
35) Indeno(1,2,3-cd)pyrene	25.21	276	7771	0.383	ng	99
37) Benzo(b)fluoranthene	22.53	252	6818	0.348	ng	99
38) Benzo(k)fluoranthene	22.57	252	6832	0.316	ng	99
39) Benzo(a)pyrene	23.07	252	5893	0.346	ng	99
40) Dibenzo(a,h)anthracene	25.22	278	6420	0.365	ng	99
41) Benzo(g,h,i)perylene	25.82	276	6600	0.338	ng	98

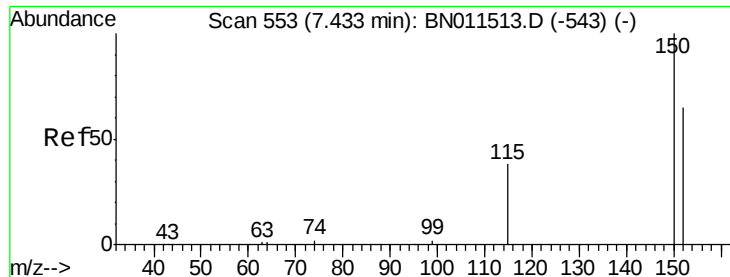
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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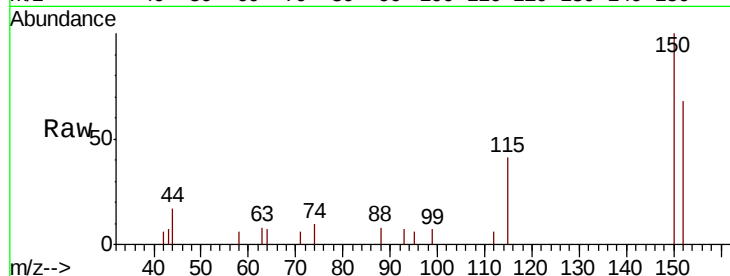


#1

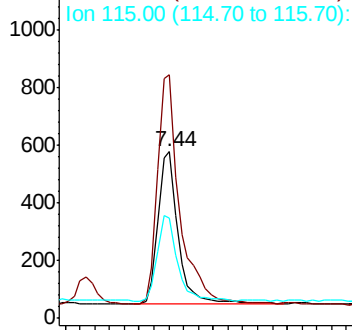
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.44 min Scan# 554
Delta R.T. 0.01 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

Instrument :
BNA_N
ClientSampled :
SSTDCCC0.4

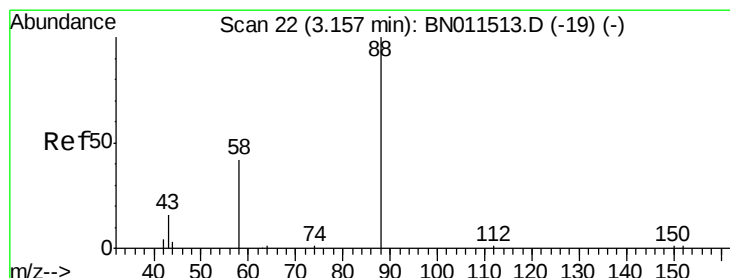
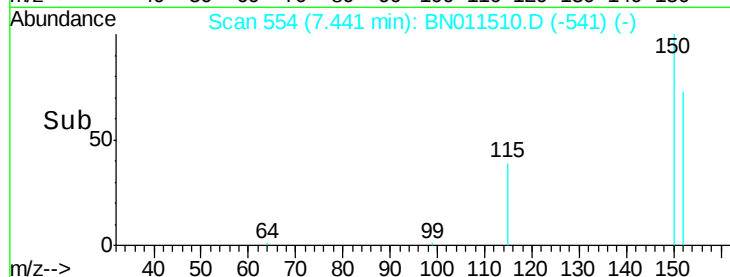
Tot Ion:152 Resp: 1002
Ion Ratio Lower Upper
152 100
150 146.2 121.6 182.4
115 60.6 51.9 77.9



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



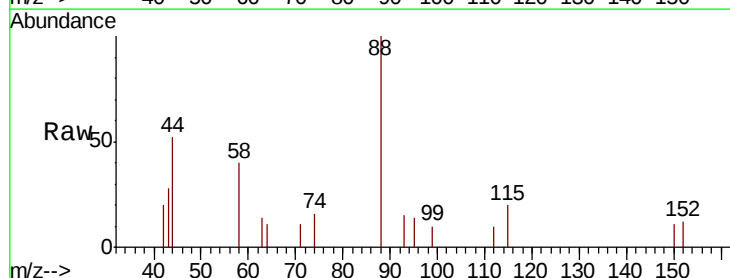
Time-->



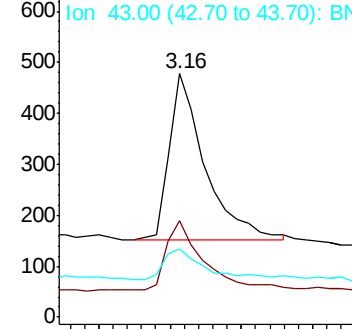
#2

1,4-Dioxane
Concen: 0.405 ng
RT: 3.16 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

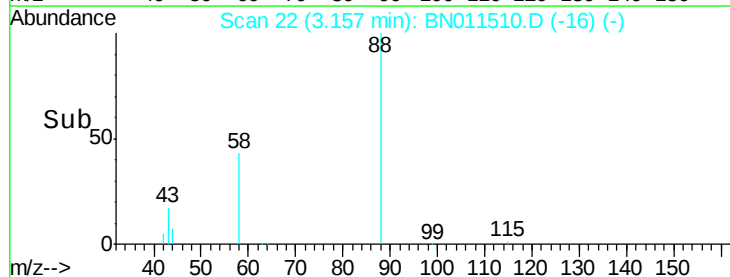
Tgt Ion: 88 Resp: 571
Ion Ratio Lower Upper
88 100
58 43.6 38.6 57.8
43 19.3 15.8 23.6

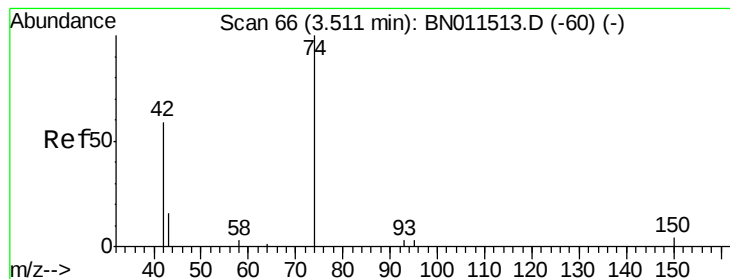


Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.268 ng

RT: 3.51 min Scan# 66

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

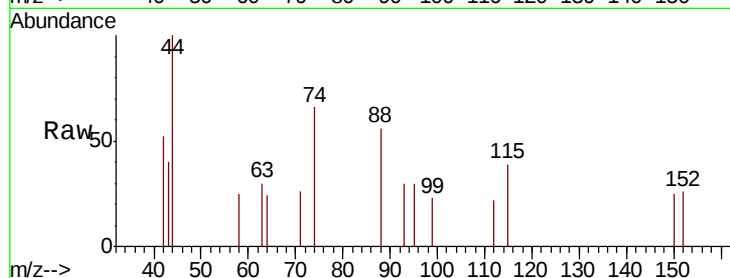
Tot Ion: 42 Resp: 194

Ion Ratio Lower Upper

42 100

74 168.6 150.4 225.6

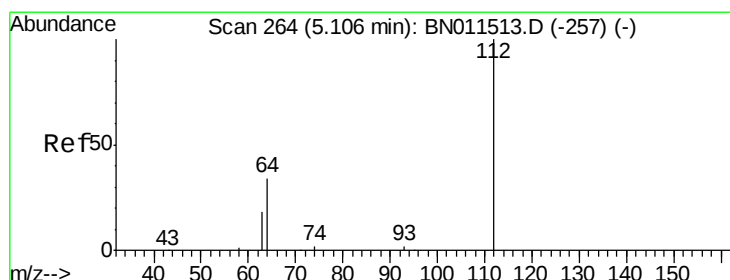
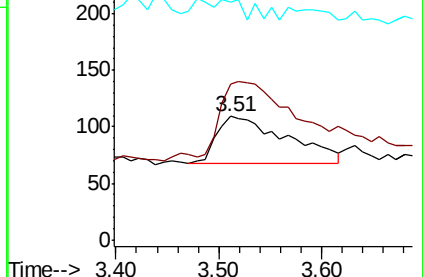
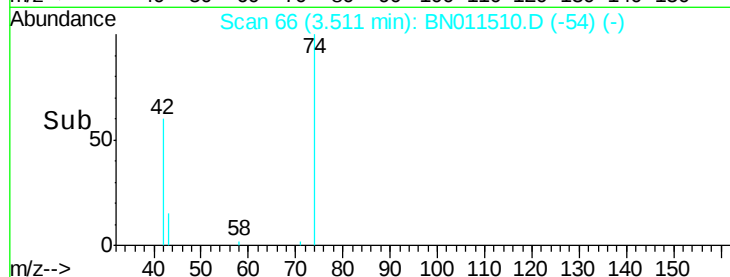
44 12.9 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN011510.D (-54) (-)

Ion 74.00 (73.70 to 74.70): BN011510.D (-54) (-)

Ion 44.00 (43.70 to 44.70): BN011510.D (-54) (-)



#4

2-Fluorophenol

Concen: 0.361 ng

RT: 5.11 min Scan# 264

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

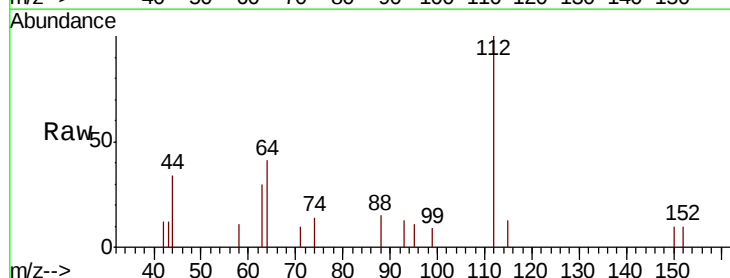
Tgt Ion: 112 Resp: 951

Ion Ratio Lower Upper

112 100

64 41.4 33.8 50.6

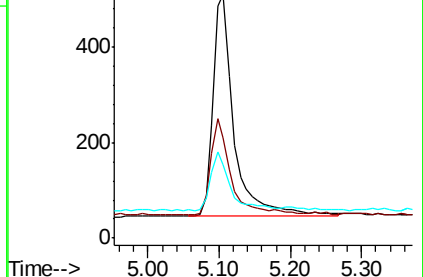
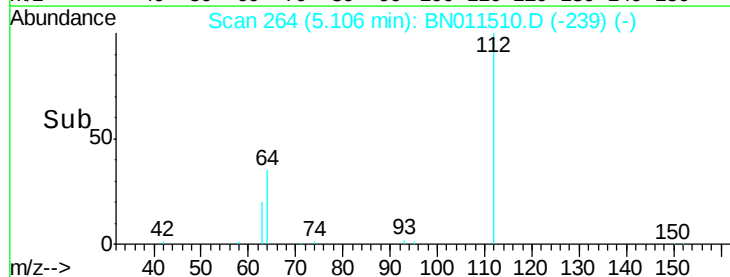
63 25.7 19.5 29.3

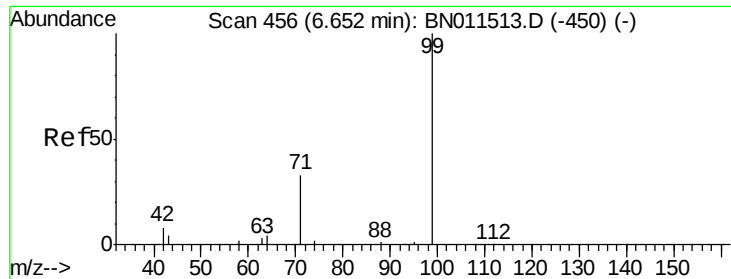


Abundance Ion 112.00 (111.70 to 112.70): BN011510.D (-239) (-)

Ion 64.00 (63.70 to 64.70): BN011510.D (-239) (-)

Ion 63.00 (62.70 to 63.70): BN011510.D (-239) (-)





#5

Phenol-d6

Concen: 0.317 ng

RT: 6.64 min Scan# 455

Delta R.T. -0.01 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

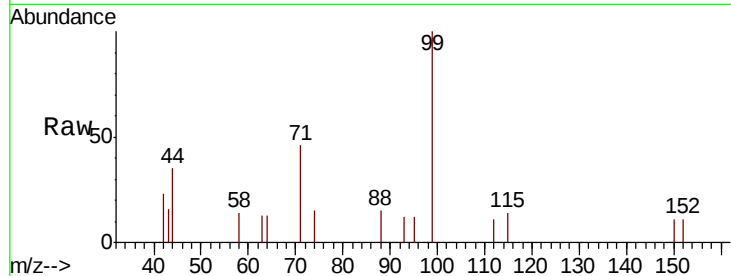
Tot Ion: 99 Resp: 1014

Ion Ratio Lower Upper

99 100

42 11.3 10.0 15.0

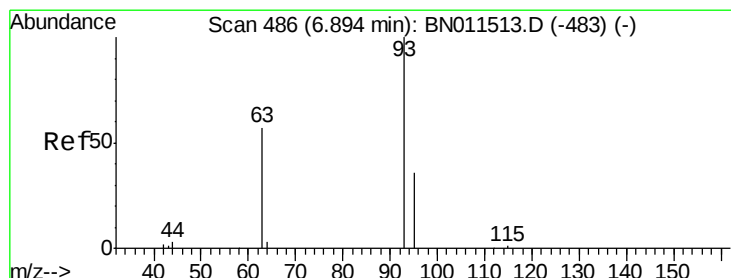
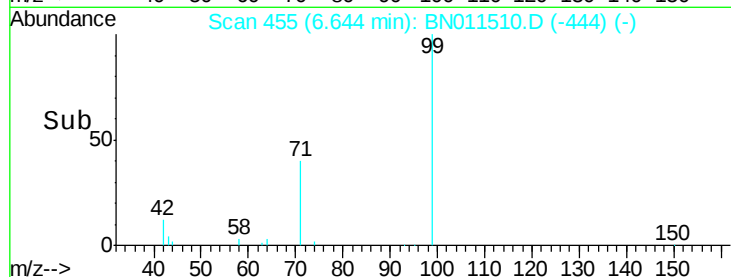
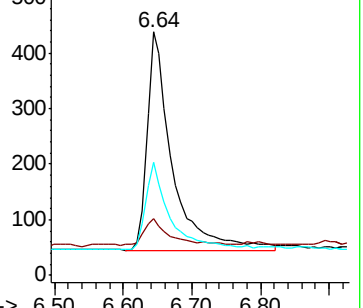
71 38.0 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BN011510.D (-444) (-)

Ion 42.00 (41.70 to 42.70): BN011510.D (-444) (-)

Ion 71.00 (70.70 to 71.70): BN011510.D (-444) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.321 ng

RT: 6.89 min Scan# 486

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

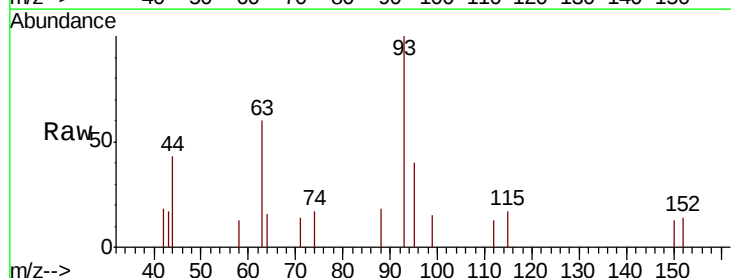
Tgt Ion: 93 Resp: 855

Ion Ratio Lower Upper

93 100

63 46.3 45.4 68.2

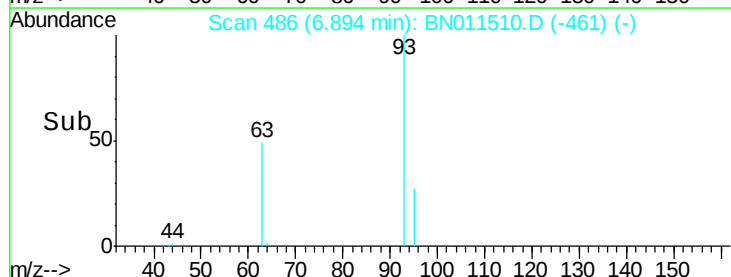
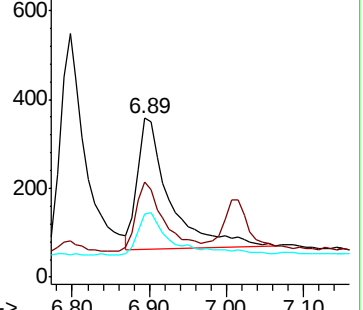
95 34.5 31.8 47.8

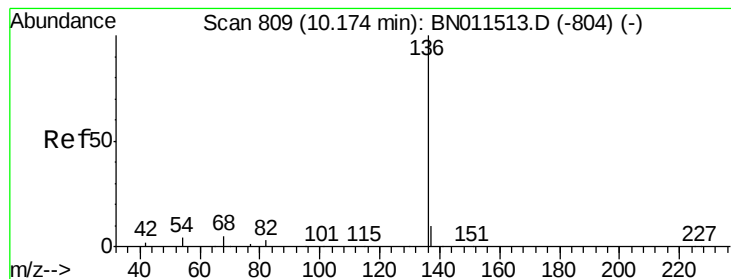


Abundance Ion 93.00 (92.70 to 93.70): BN011510.D (-461) (-)

Ion 63.00 (62.70 to 63.70): BN011510.D (-461) (-)

Ion 95.00 (94.70 to 95.70): BN011510.D (-461) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 809

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3890

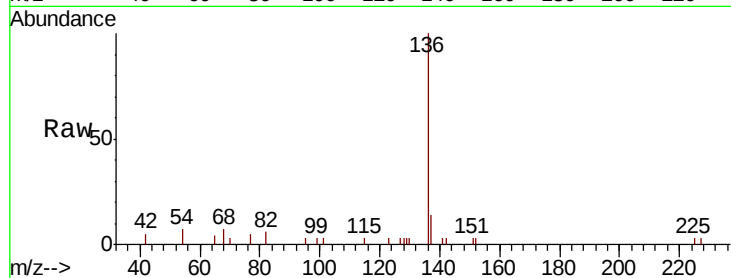
Ion Ratio Lower Upper

136 100

137 13.6 10.3 15.5

54 7.3 5.7 8.5

68 7.3 6.0 9.0

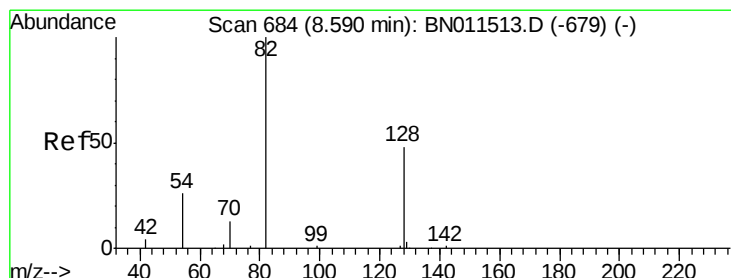
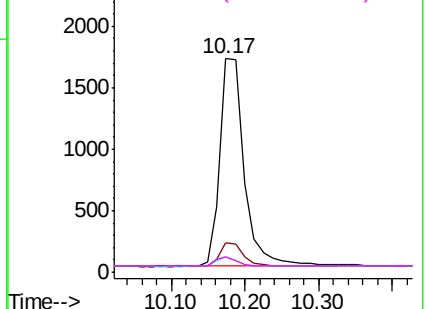
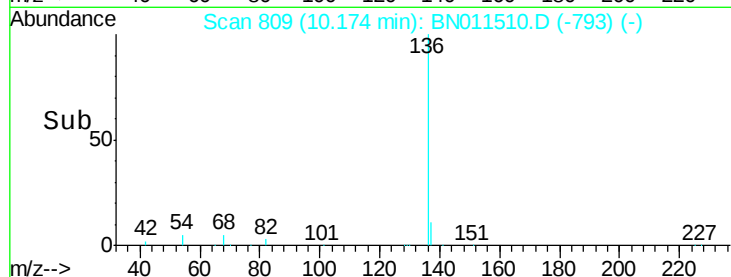


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.294 ng

RT: 8.59 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

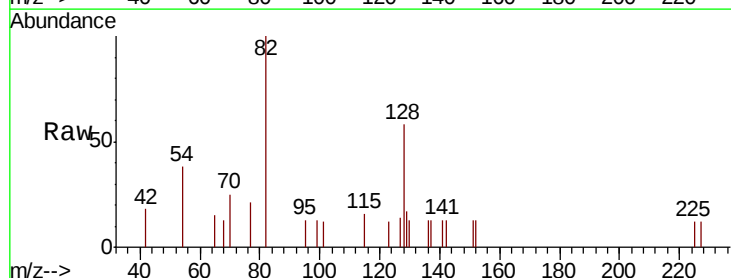
Tgt Ion: 82 Resp: 1021

Ion Ratio Lower Upper

82 100

128 57.7 44.6 66.8

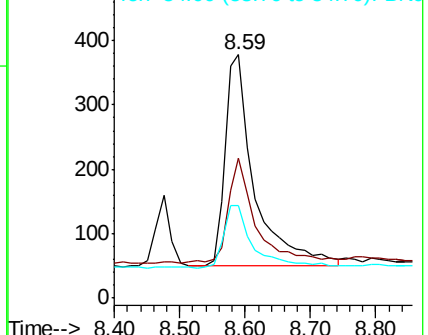
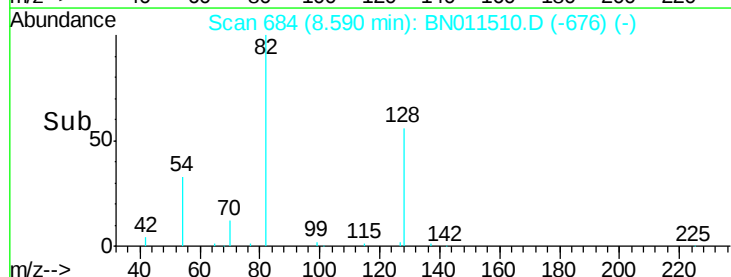
54 37.8 27.6 41.4

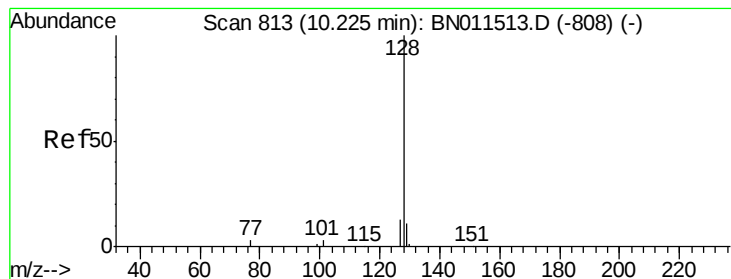


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.344 ng

RT: 10.22 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

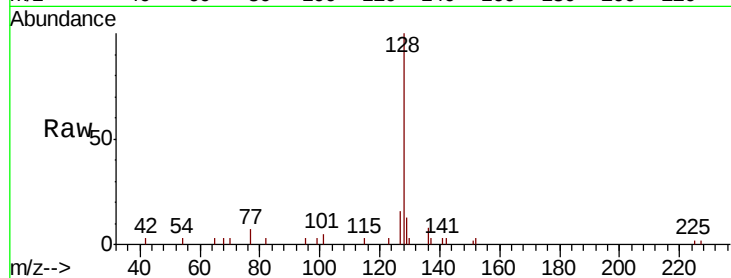
Tot Ion:128 Resp: 3970

Ion Ratio Lower Upper

128 100

129 13.2 11.1 16.7

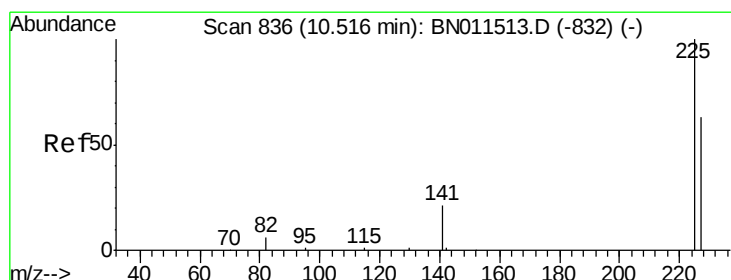
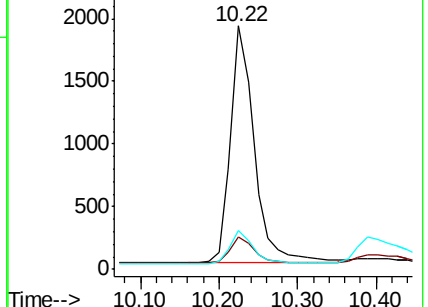
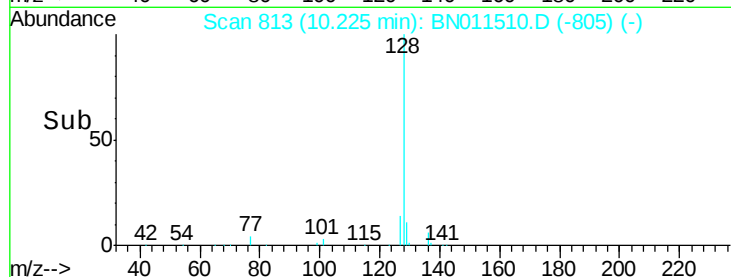
127 16.0 12.2 18.4



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: 0.357 ng

RT: 10.52 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

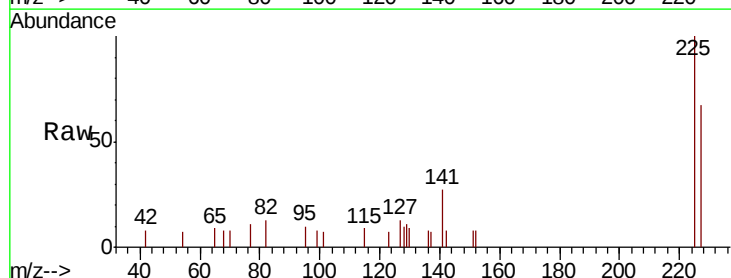
Tgt Ion:225 Resp: 998

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

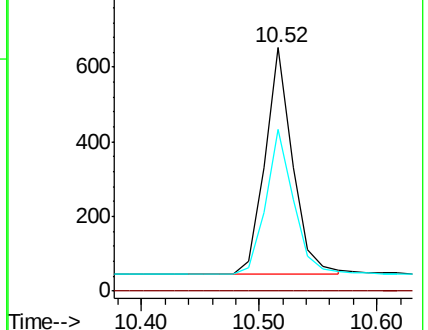
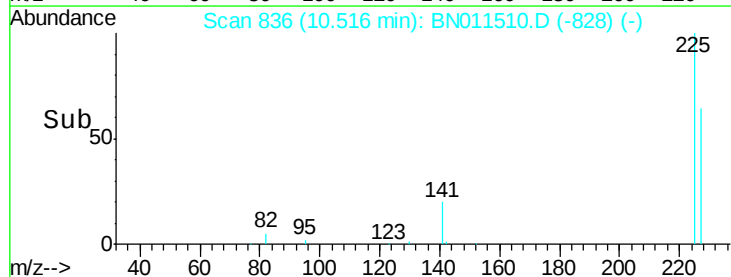
227 63.9 50.1 75.1

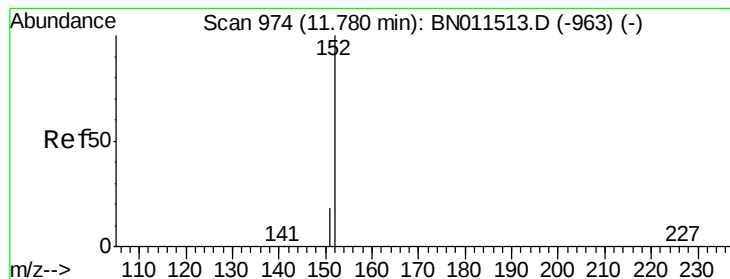


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.308 ng

RT: 11.78 min Scan# 974

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

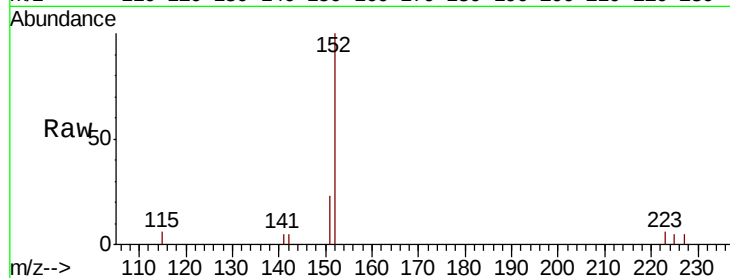
SSTDCCC0.4

Tot Ion:152 Resp: 2189

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.78

1000

800

600

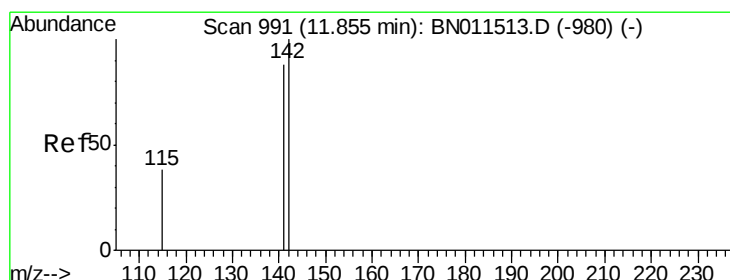
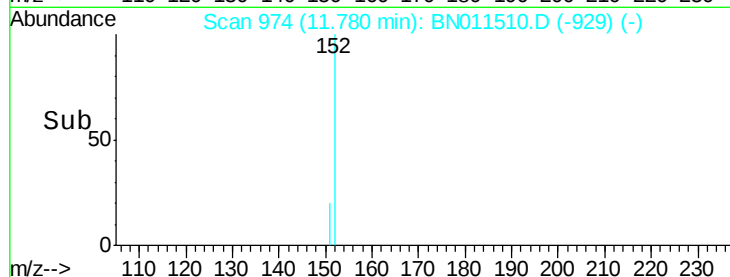
400

200

0

Time-->

11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.292 ng

RT: 11.86 min Scan# 991

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

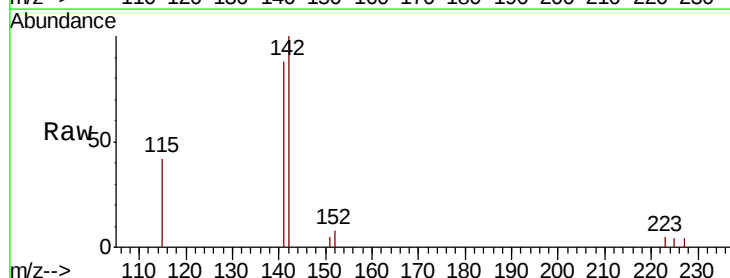
Tgt Ion:142 Resp: 2386

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3

115 42.5 33.2 49.8



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

1500

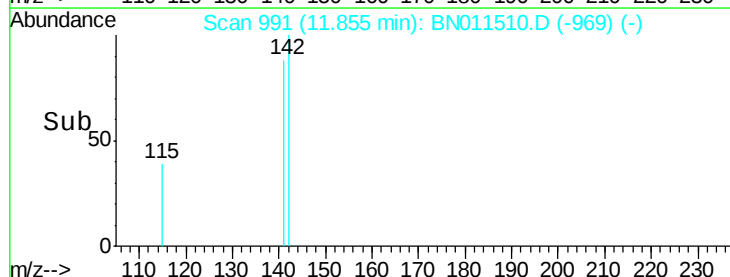
1000

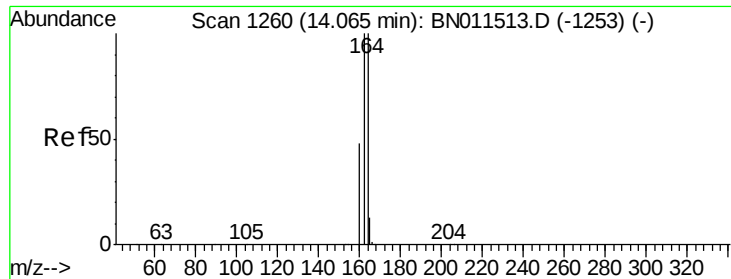
500

0

Time-->

11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

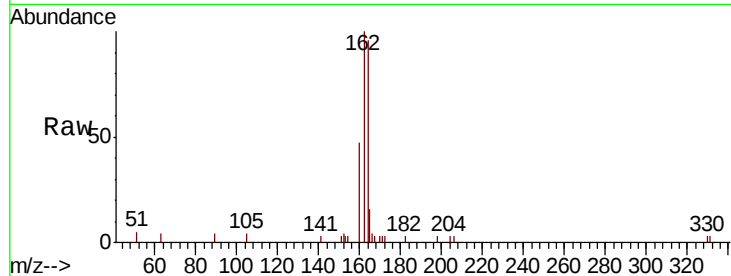
Tot Ion:164 Resp: 2328

Ion Ratio Lower Upper

164 100

162 104.4 79.8 119.8

160 49.3 39.6 59.4



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

14.06

1500

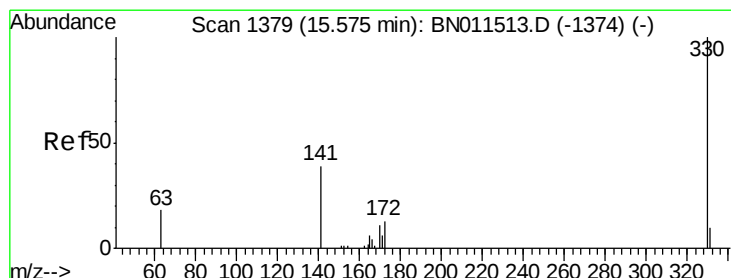
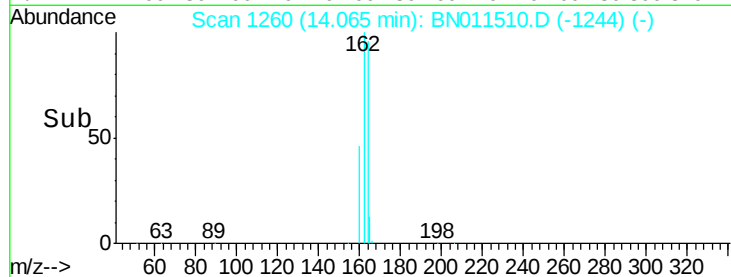
1000

500

0

14.00 14.20

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.313 ng

RT: 15.57 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

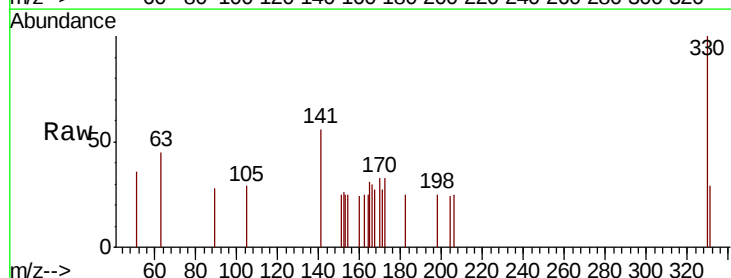
Tgt Ion:330 Resp: 336

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 40.5 35.8 53.6



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

15.57

250

200

150

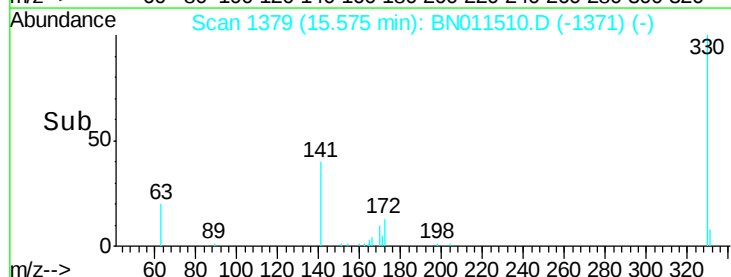
100

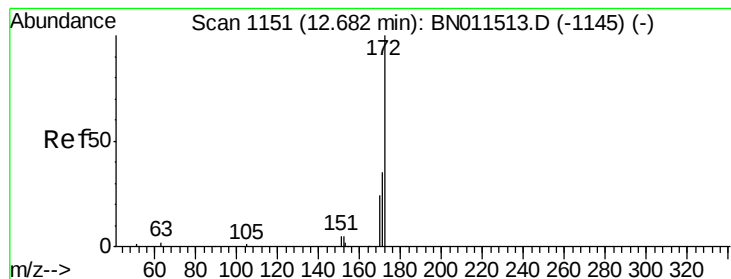
50

0

15.50 15.60 15.70

Time-->

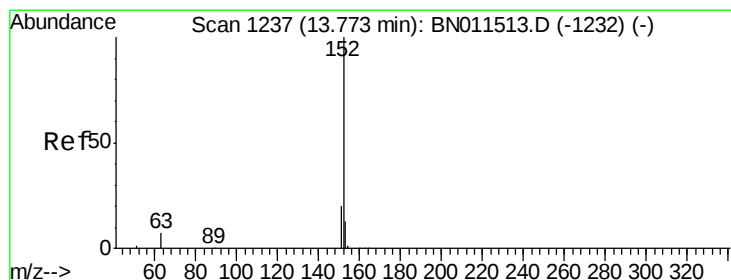
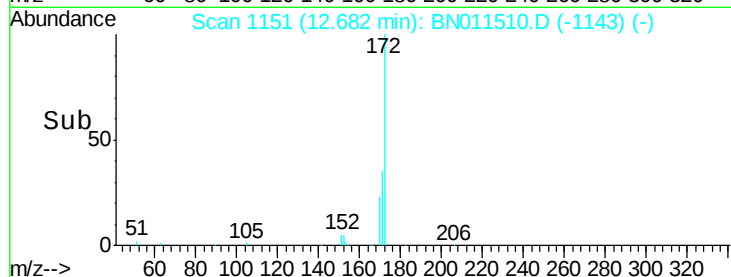
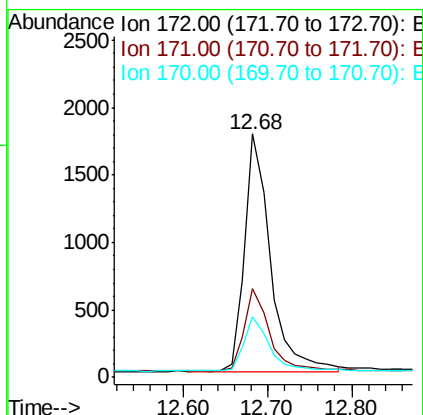
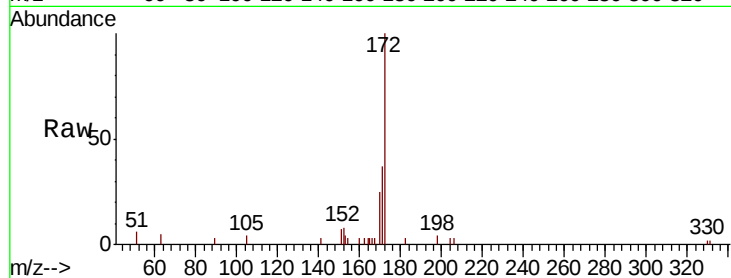




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.68 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

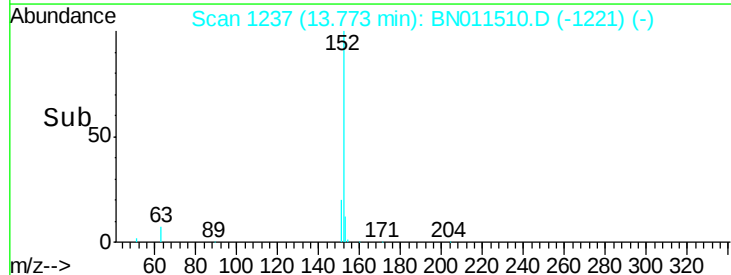
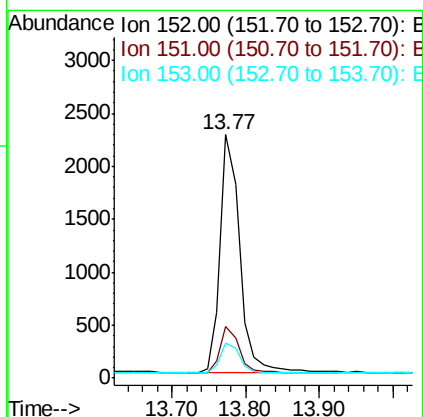
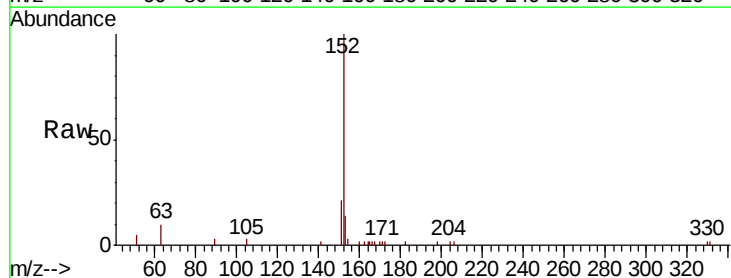
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

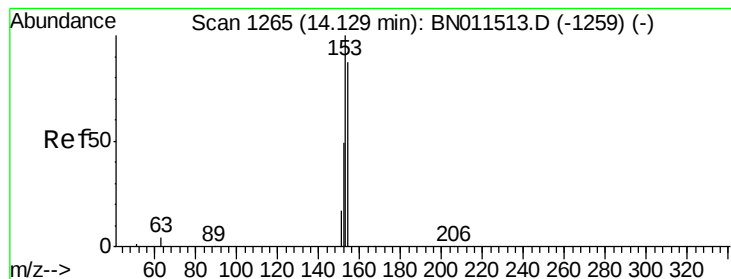
Tot Ion:172 Resp: 3763
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 25.1 20.9 31.3



#16
Acenaphthylene
Concen: 0.350 ng
RT: 13.77 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

Tgt Ion:152 Resp: 4192
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 13.1 10.1 15.1





#17

Acenaphthene

Concen: 0.353 ng

RT: 14.13 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

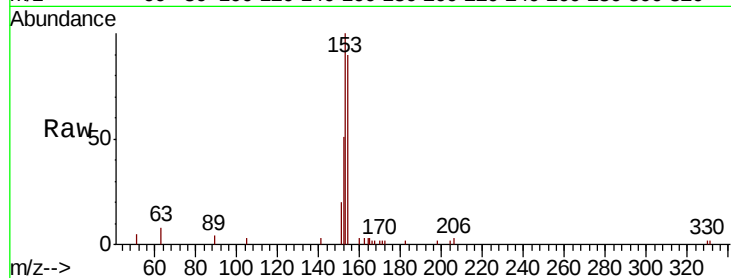
Tot Ion:154 Resp: 2760

Ion Ratio Lower Upper

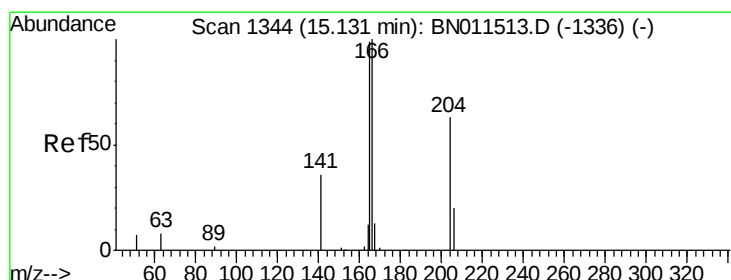
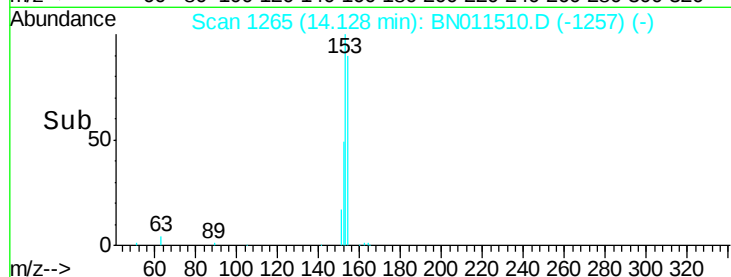
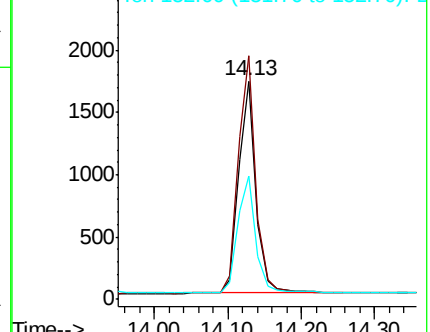
154 100

153 114.1 92.1 138.1

152 57.3 46.4 69.6



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: 0.341 ng

RT: 15.13 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

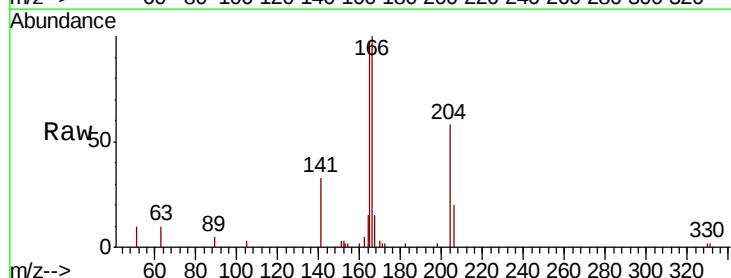
Tgt Ion:166 Resp: 3423

Ion Ratio Lower Upper

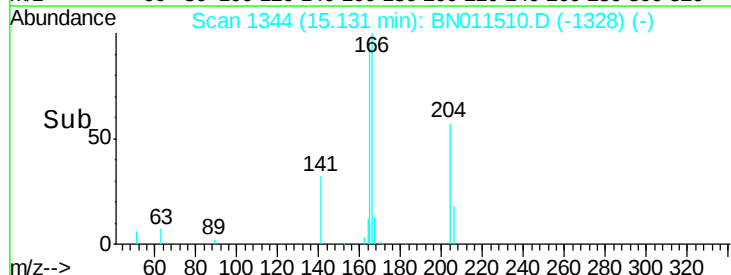
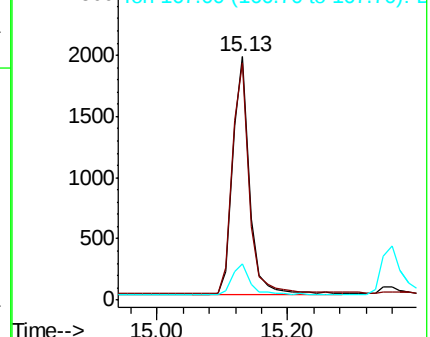
166 100

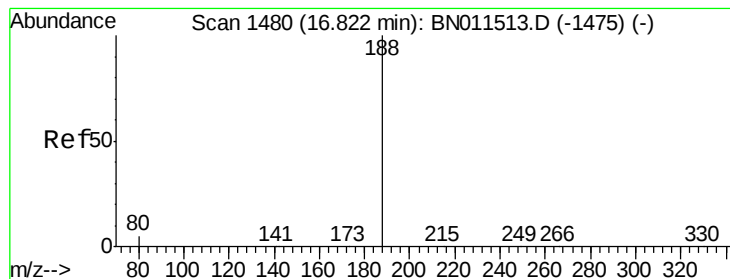
165 98.2 80.4 120.6

167 13.6 10.7 16.1



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: 16.82 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

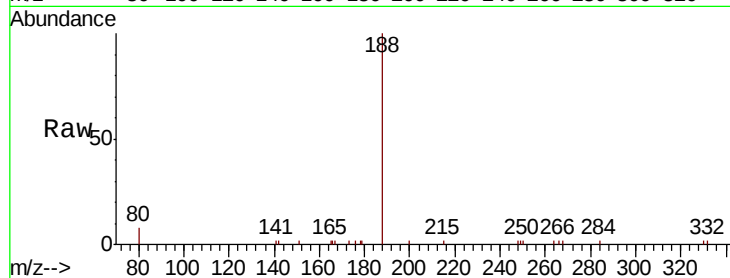
Tot Ion:188 Resp: 4326

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

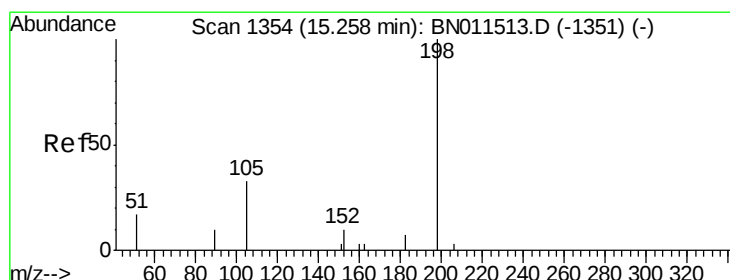
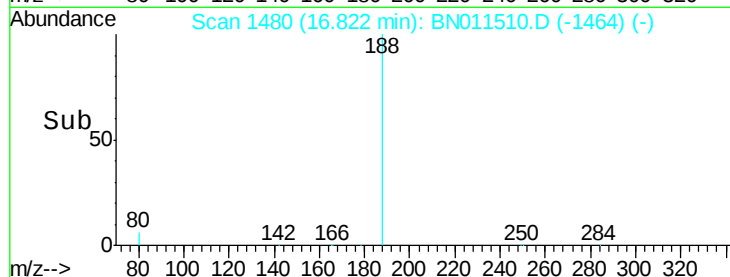
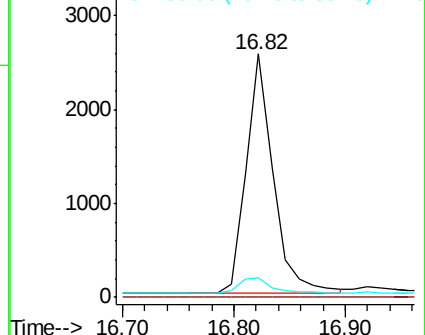
80 8.0 5.4 8.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.336 ng

RT: 15.26 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

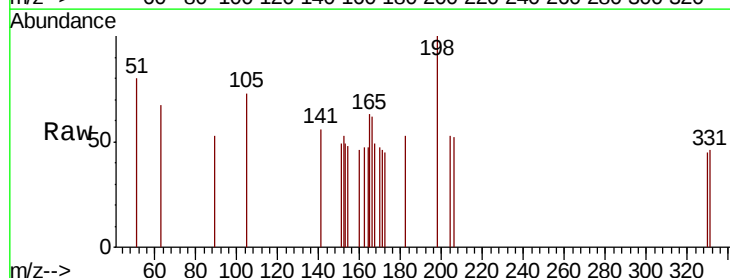
Tgt Ion:198 Resp: 201

Ion Ratio Lower Upper

198 100

51 80.0 75.8 113.6

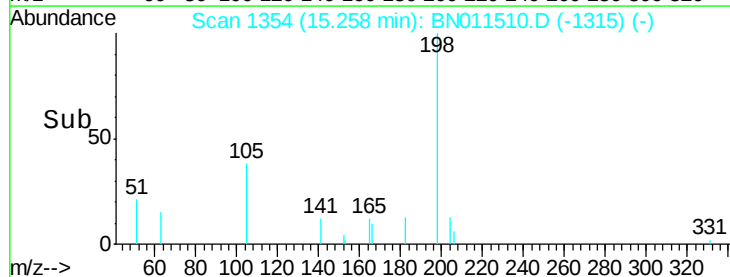
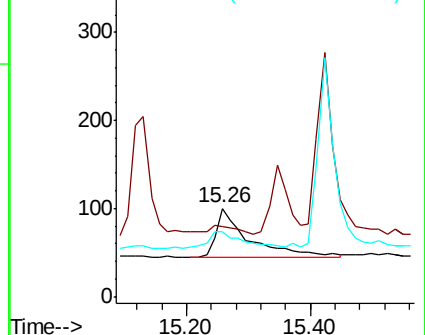
105 73.0 65.3 97.9

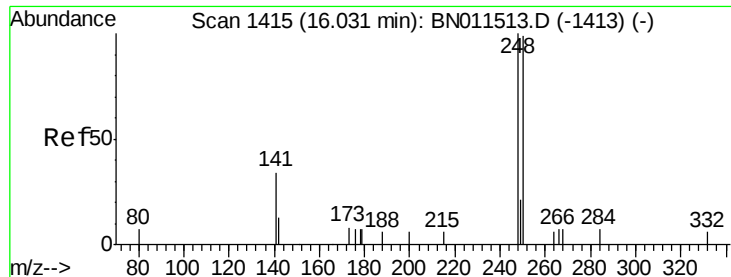


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

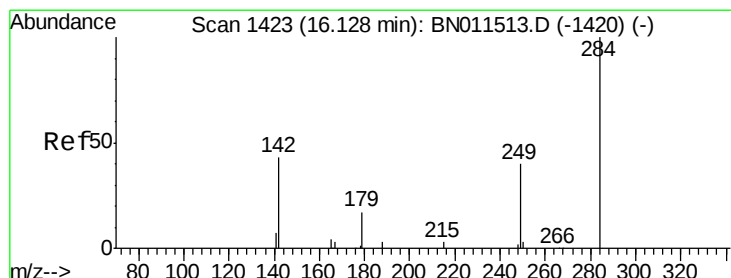
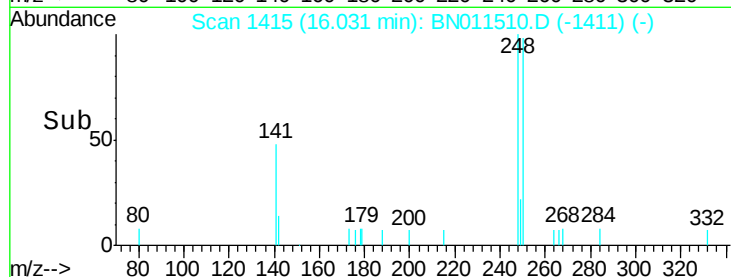
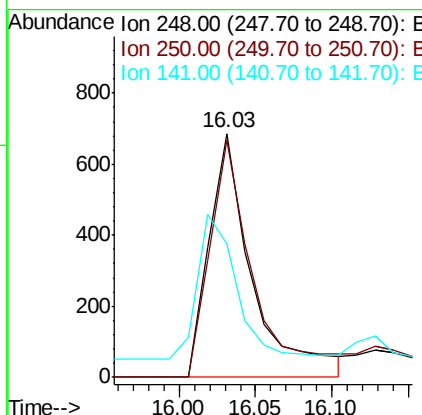
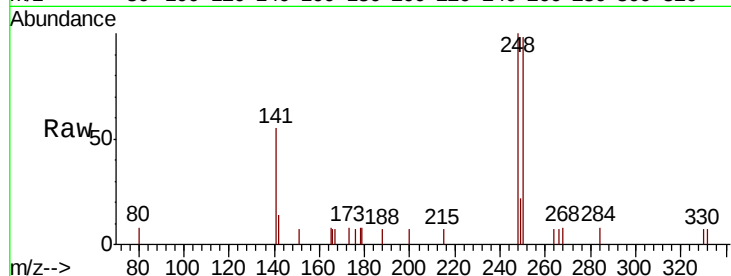




#21
4-Bromophenyl-phenylether
Concen: 0.468 ng
RT: 16.03 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

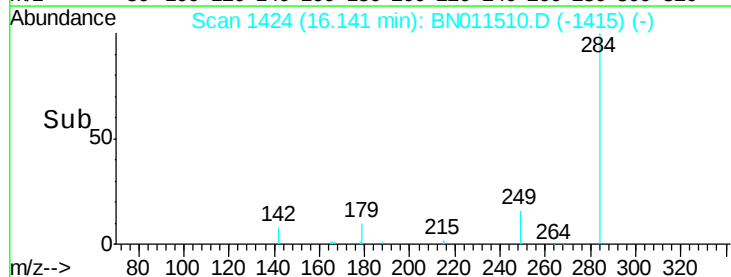
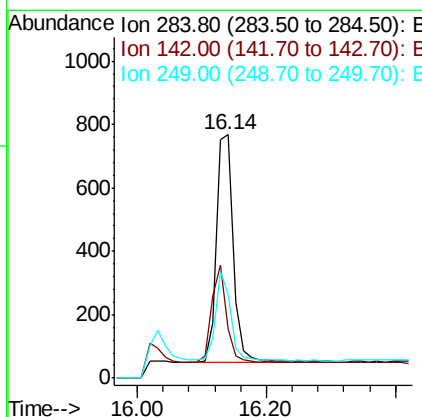
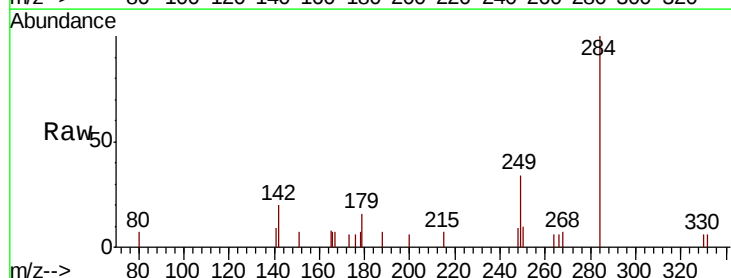
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

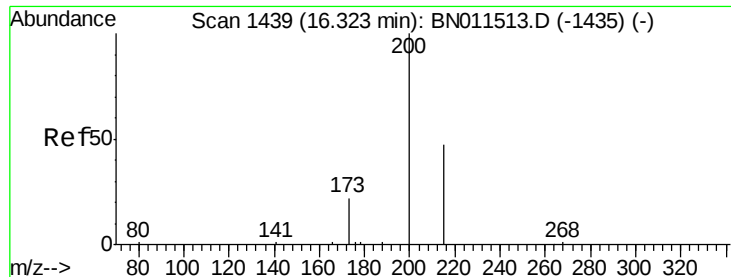
Tot Ion:248 Resp: 1343
Ion Ratio Lower Upper
248 100
250 97.5 79.4 119.0
141 55.0 40.8 61.2



#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.14 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

Tgt Ion:284 Resp: 1339
Ion Ratio Lower Upper
284 100
142 37.9 31.7 47.5
249 36.7 27.4 41.2

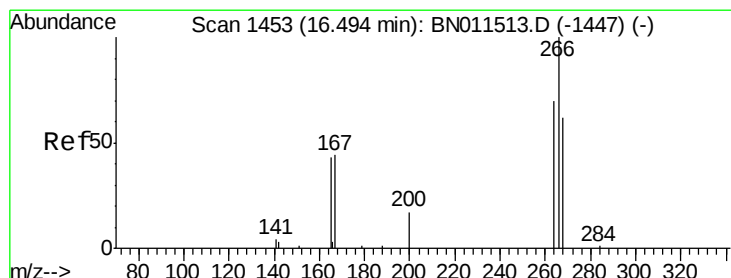
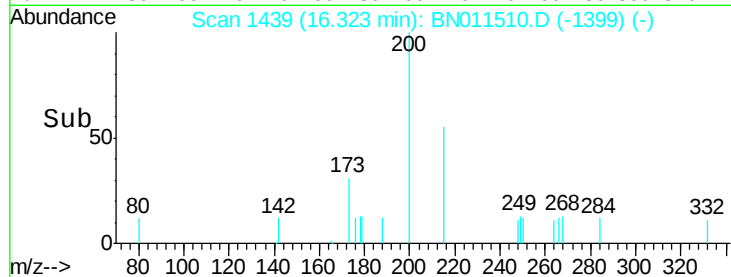
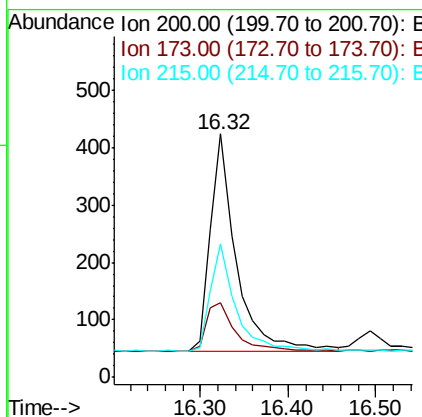
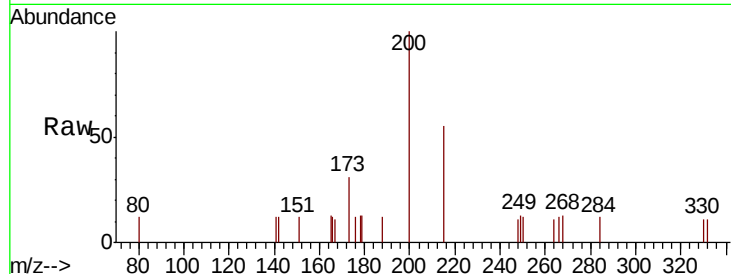




#23
Atrazine
Concen: 0.345 ng
RT: 16.32 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

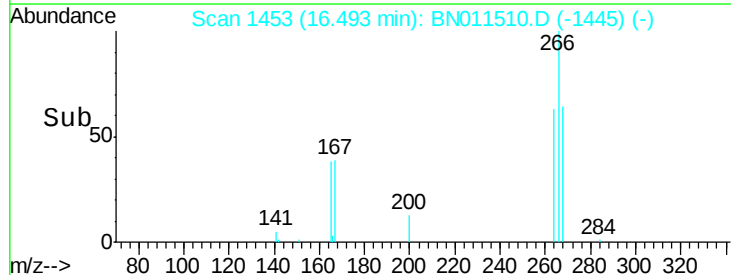
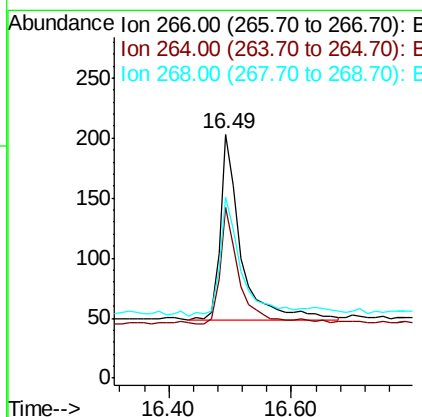
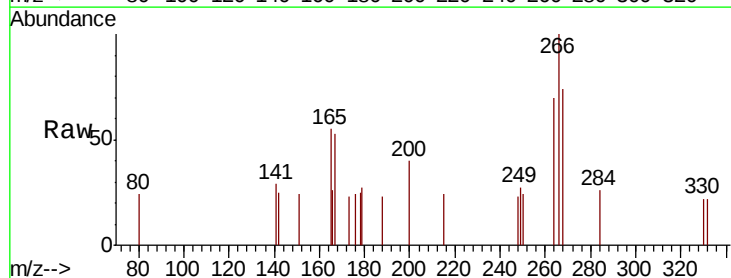
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

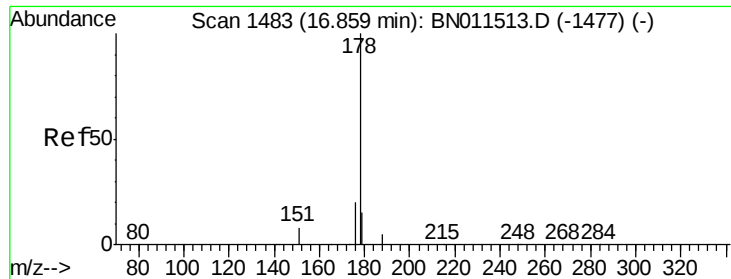
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.9	24.0	36.0
215	54.7	42.2	63.4



#24
Pentachlorophenol
Concen: 0.372 ng
RT: 16.49 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
266	100		
264	55.7	53.7	80.5
268	63.5	53.0	79.4

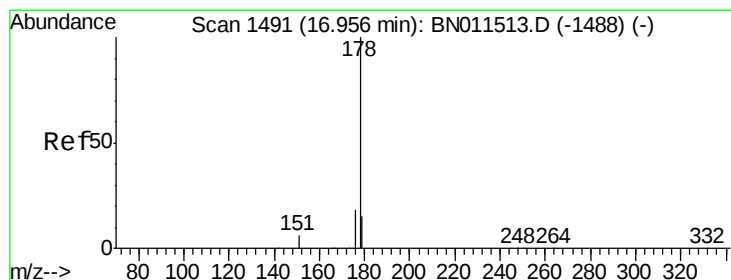
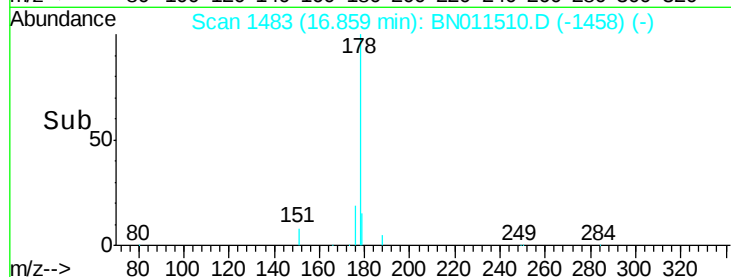
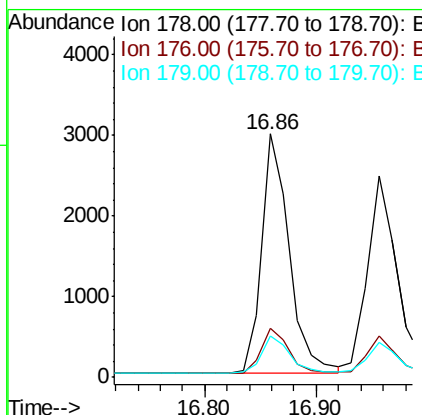
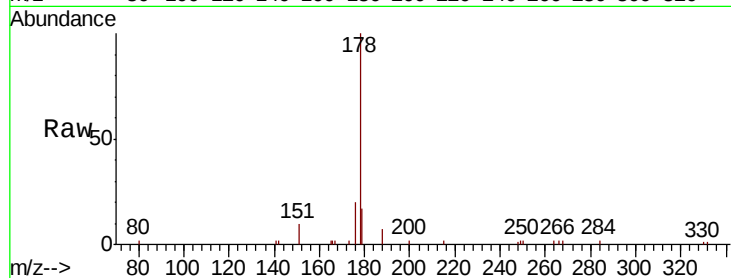




#25
Phenanthrene
Concen: 0.364 ng
RT: 16.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

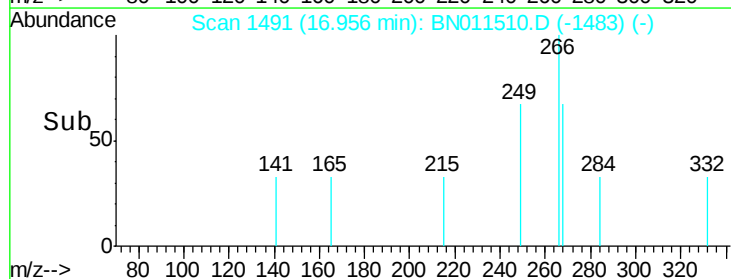
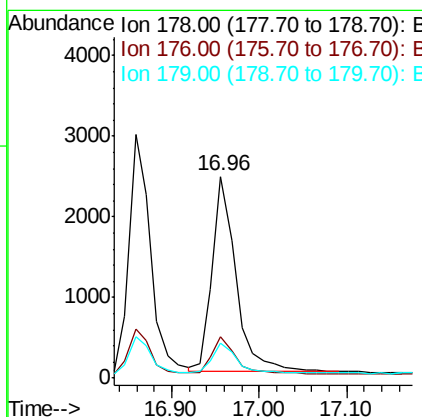
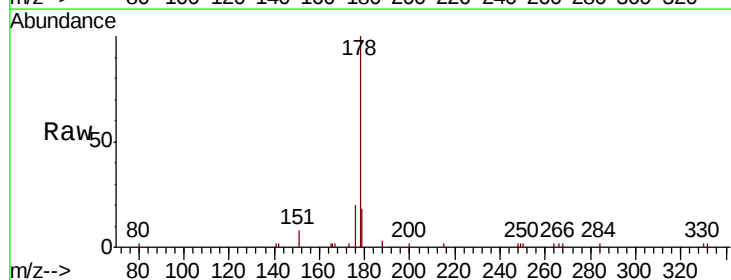
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

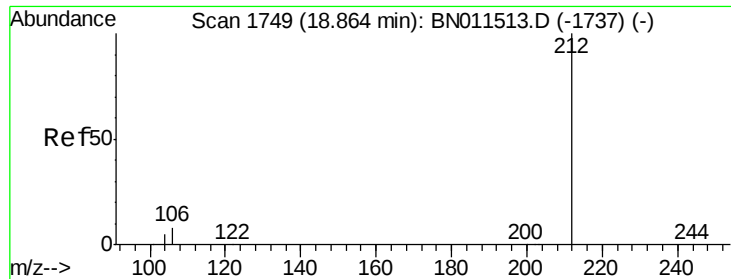
Tot Ion:178 Resp: 5130
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.3 12.3 18.5



#26
Anthracene
Concen: 0.391 ng
RT: 16.96 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

Tgt Ion:178 Resp: 4571
Ion Ratio Lower Upper
178 100
176 18.9 14.4 21.6
179 15.4 12.2 18.2

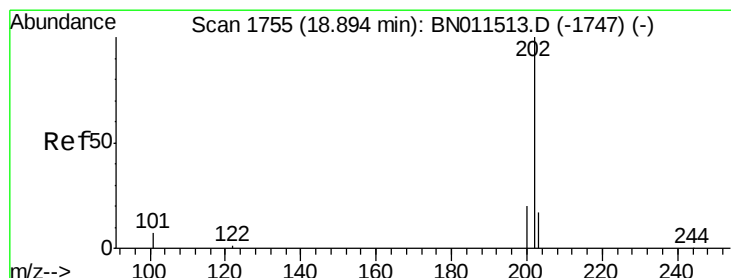
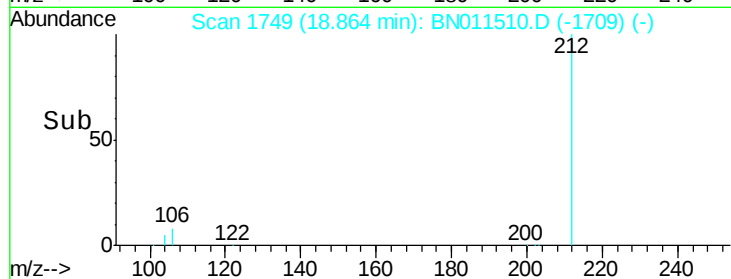
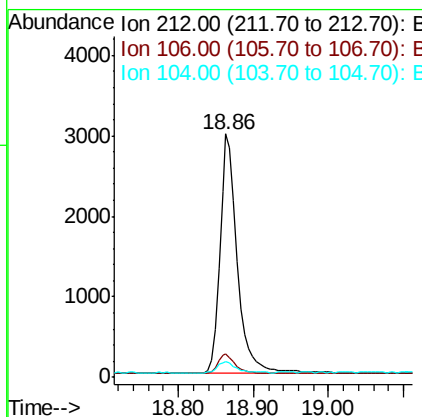
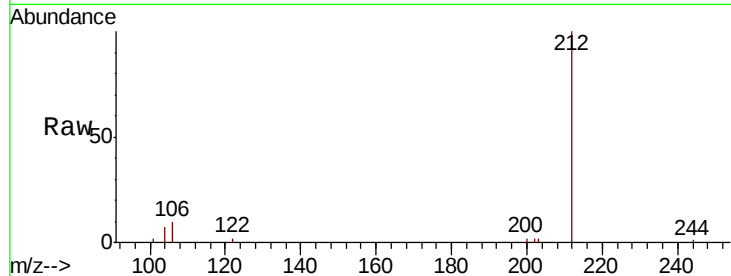




#27
 Fluoranthene-d10
 Concen: 0.370 ng
 RT: 18.86 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BN011510.D
 Acq: 19 Aug 2020 11:01

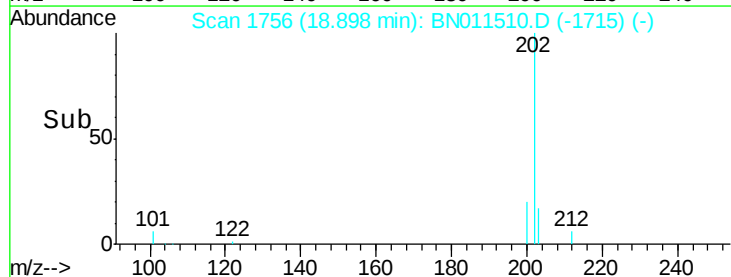
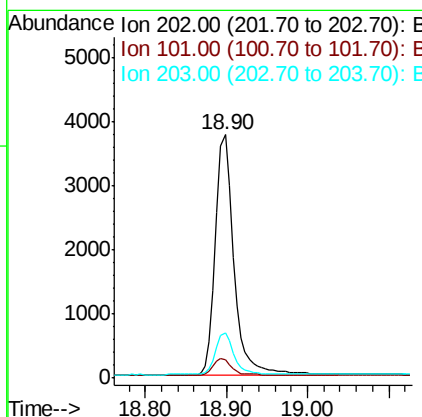
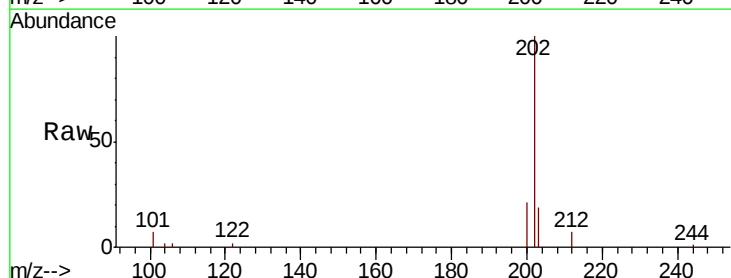
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

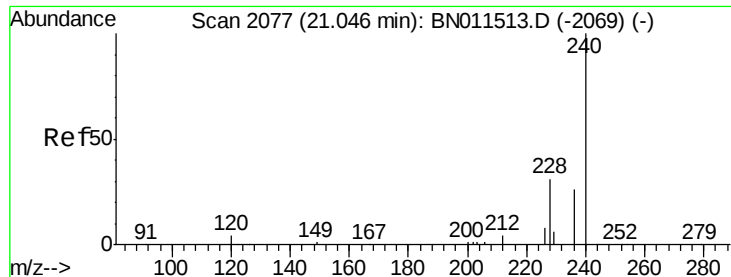
Tot Ion	Ratio	Lower	Upper
212	100		
106	8.1	6.0	9.0
104	4.8	3.7	5.5



#28
 Fluoranthene
 Concen: 0.373 ng
 RT: 18.90 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BN011510.D
 Acq: 19 Aug 2020 11:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.1	7.7
203	17.1	13.8	20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2077

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

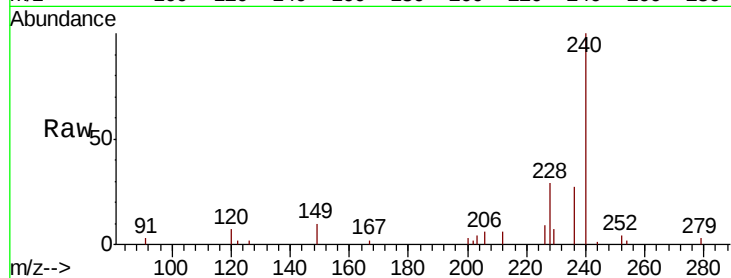
Tot Ion:240 Resp: 5520

Ion Ratio Lower Upper

240 100

120 7.3 6.0 9.0

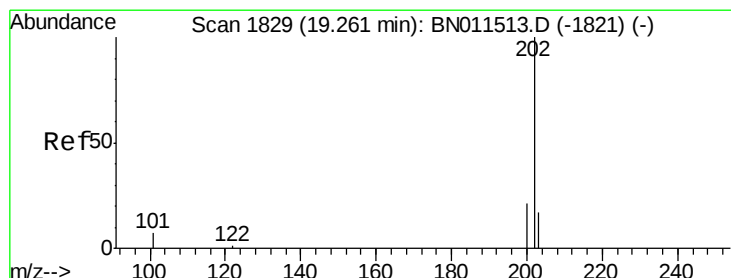
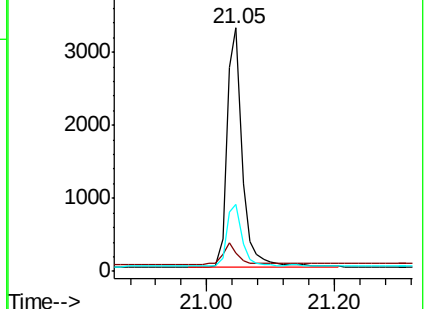
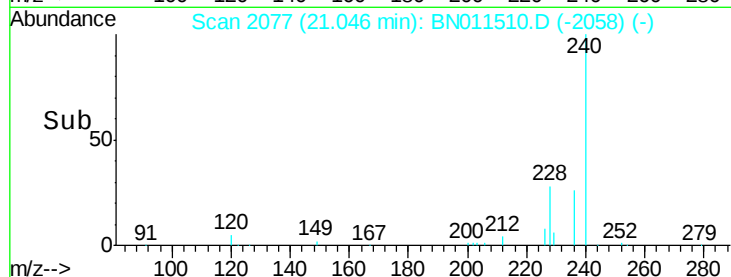
236 27.5 22.6 33.8



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: 0.247 ng

RT: 19.26 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

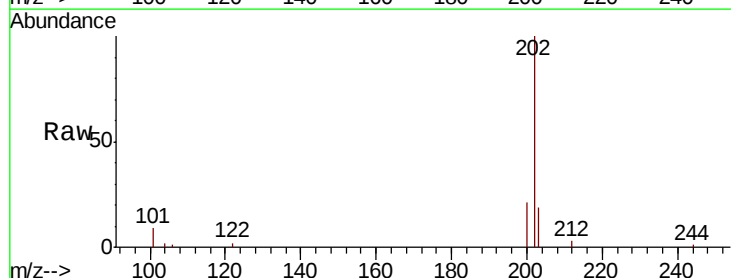
Tgt Ion:202 Resp: 6140

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

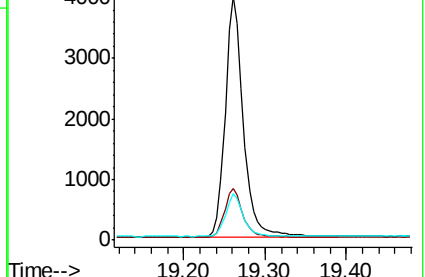
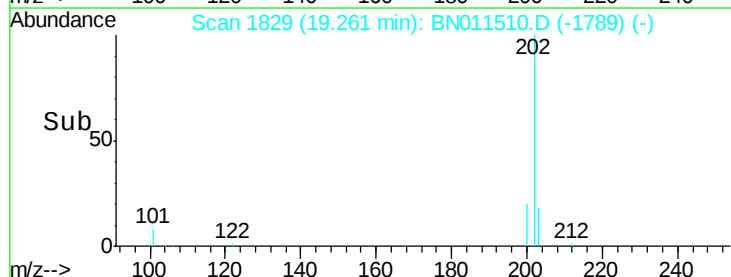
203 17.9 13.9 20.9

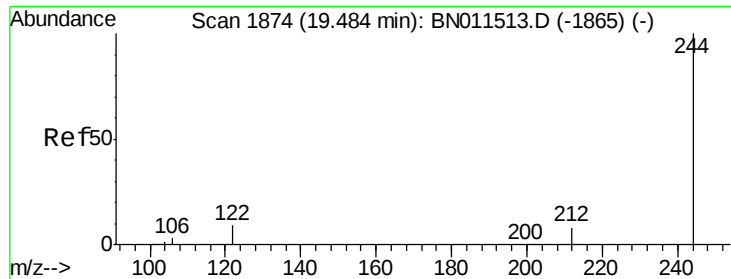


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.248 ng

RT: 19.48 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

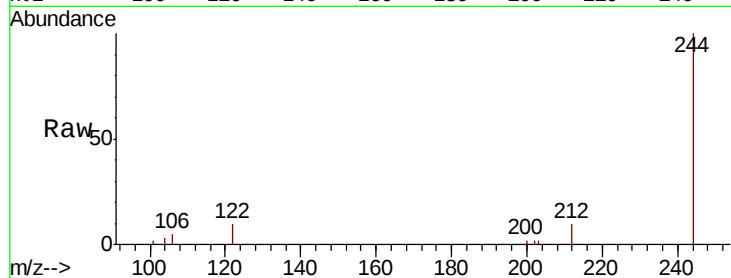
Tot Ion:244 Resp: 4139

Ion Ratio Lower Upper

244 100

212 9.6 8.2 12.4

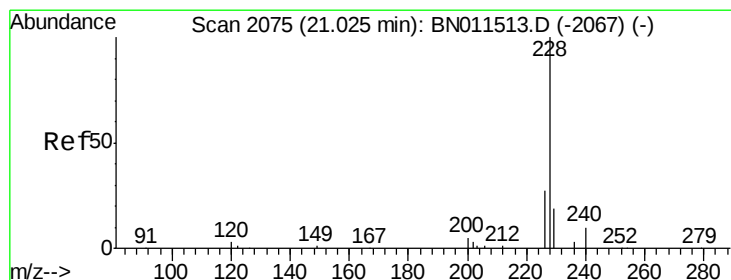
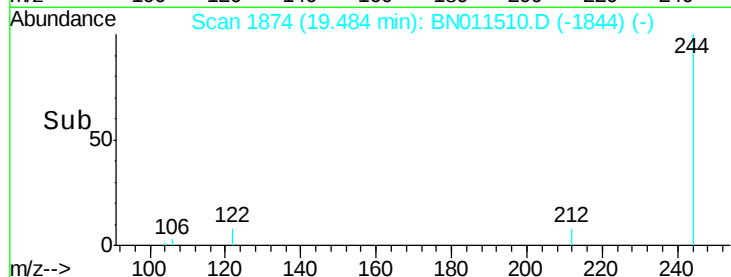
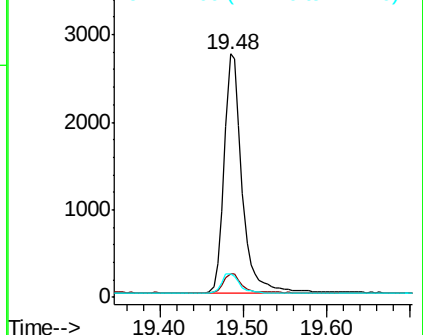
122 9.9 8.4 12.6



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: 0.334 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

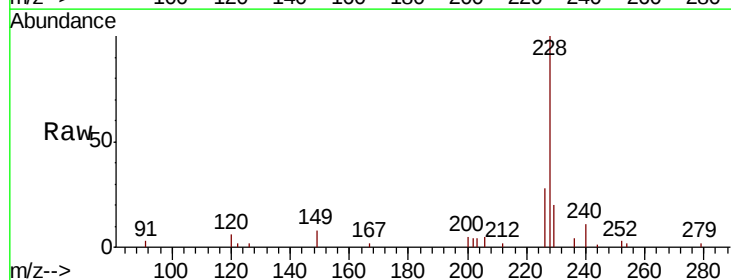
Tgt Ion:228 Resp: 6173

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

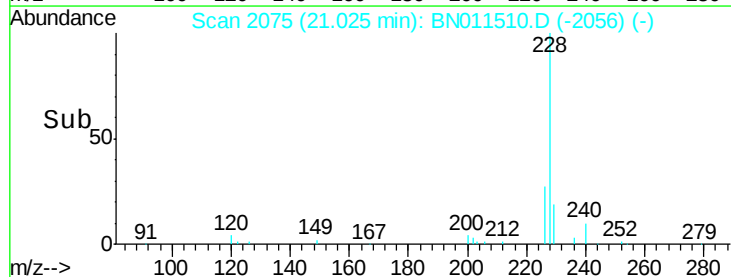
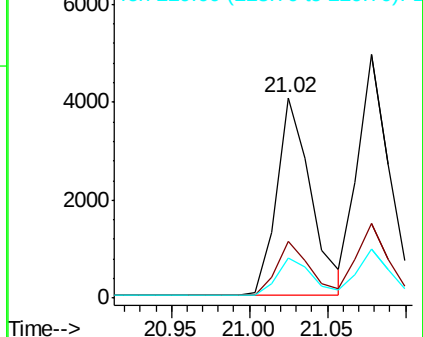
229 20.3 16.2 24.2

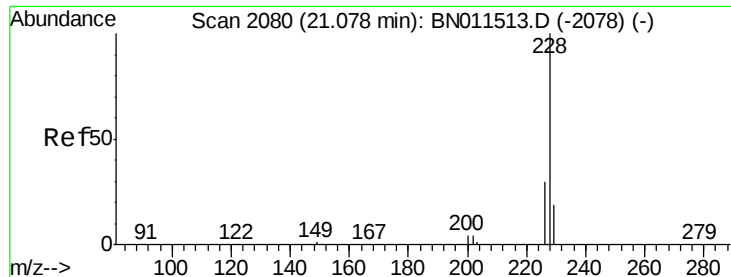


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.336 ng

RT: 21.08 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

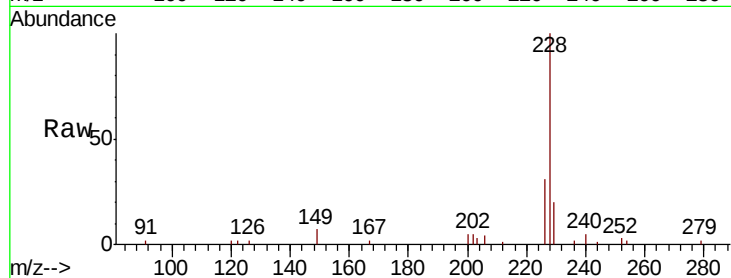
Tot Ion:228 Resp: 6976

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

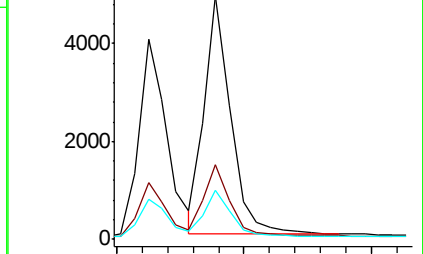
229 20.3 15.9 23.9



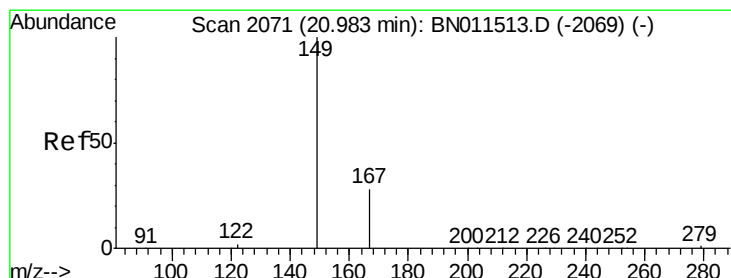
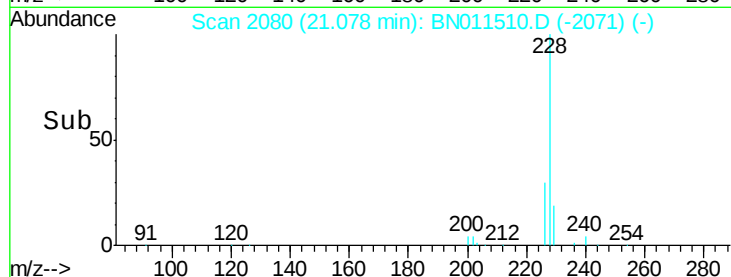
Abundance Ion 228.00 (227.70 to 228.70): E

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: 0.214 ng

RT: 20.98 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

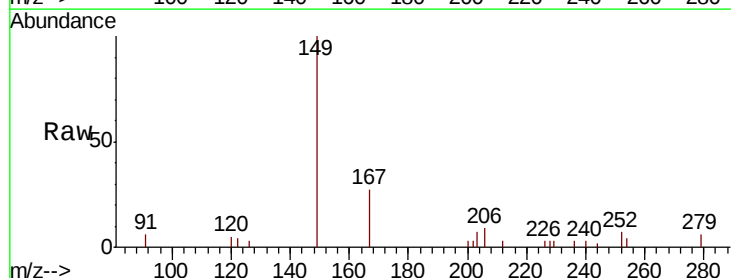
Tgt Ion:149 Resp: 2121

Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.4

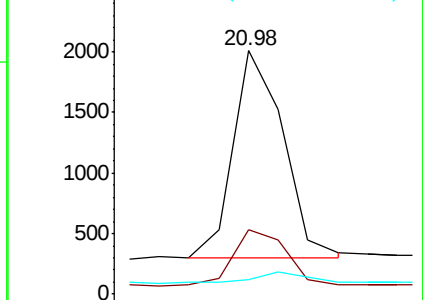
279 5.7 4.1 6.1



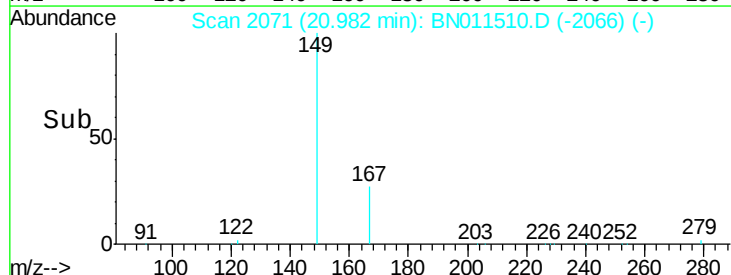
Abundance Ion 149.00 (148.70 to 149.70): E

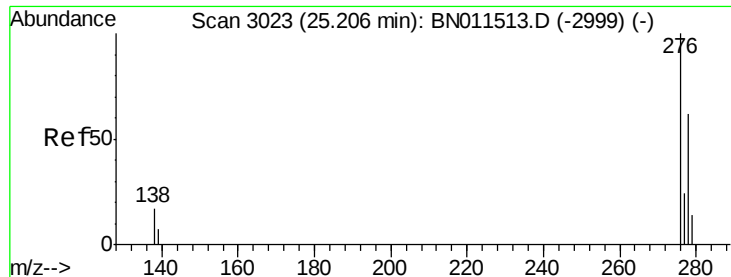
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

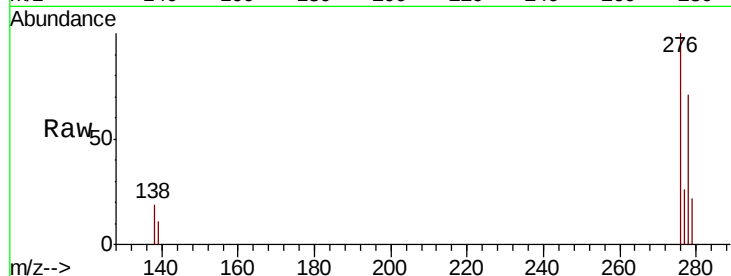




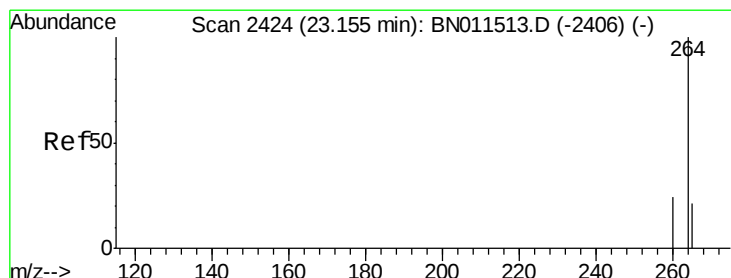
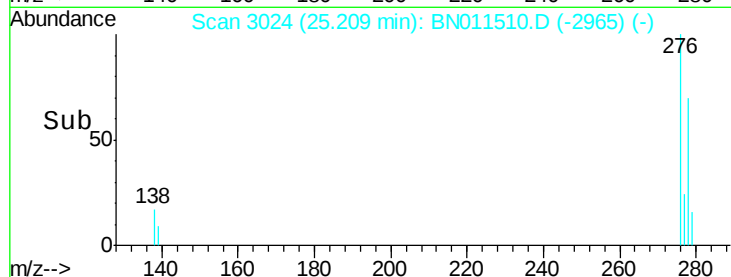
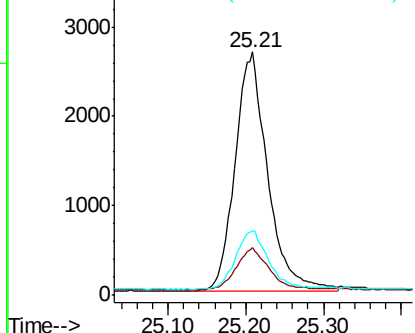
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.383 ng
 RT: 25.21 min Scan# 3024
 Delta R.T. 0.00 min
 Lab File: BN011510.D
 Acq: 19 Aug 2020 11:01

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:276 Resp: 7771
 Ion Ratio Lower Upper
 276 100
 138 17.9 13.6 20.4
 277 25.1 19.8 29.8

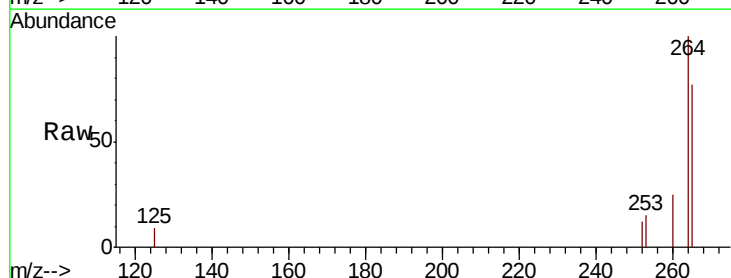


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

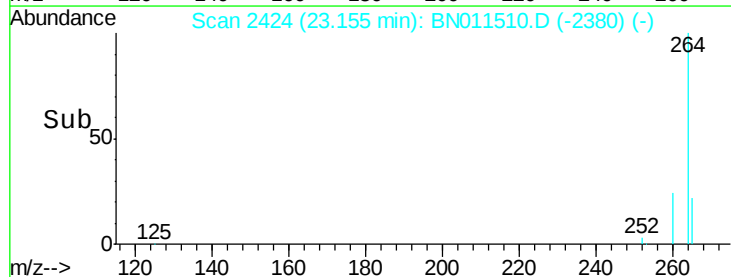
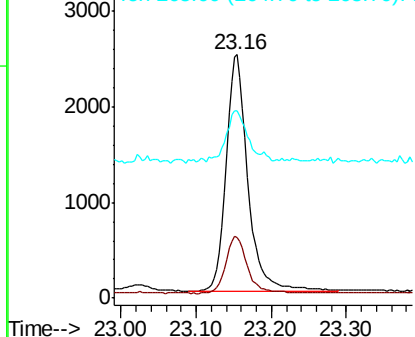


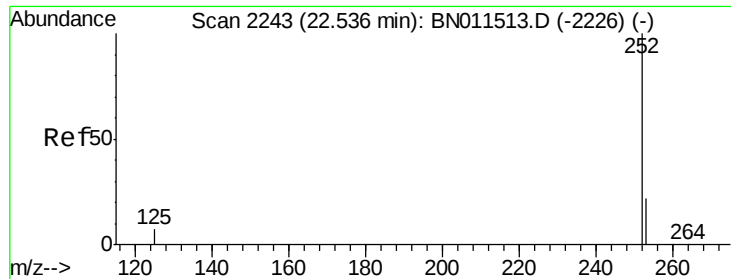
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BN011510.D
 Acq: 19 Aug 2020 11:01

Tgt Ion:264 Resp: 4918
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 76.7 62.6 94.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

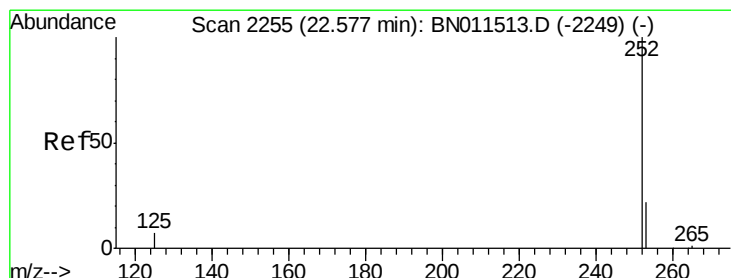
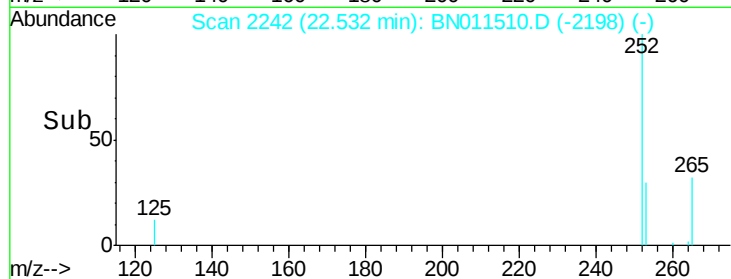
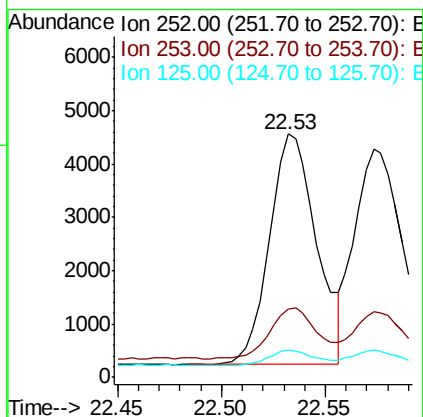
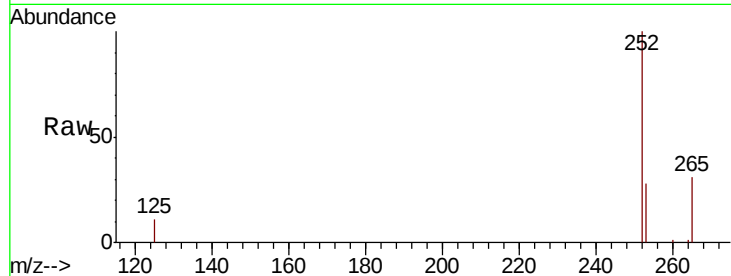




#37
Benzo(b)fluoranthene
Concen: 0.348 ng
RT: 22.53 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

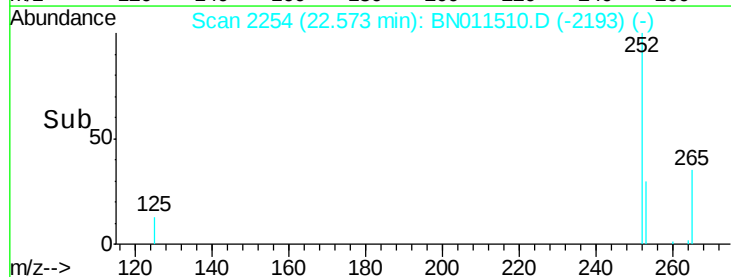
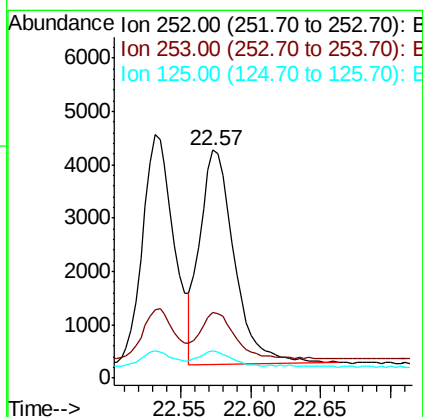
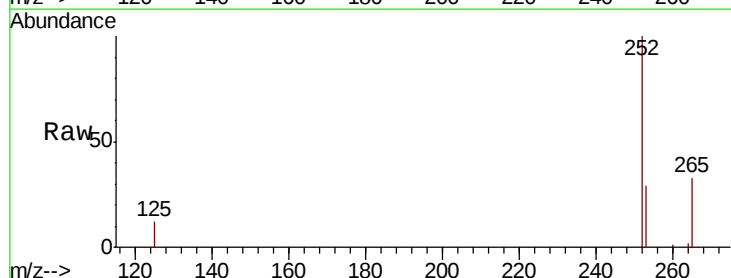
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

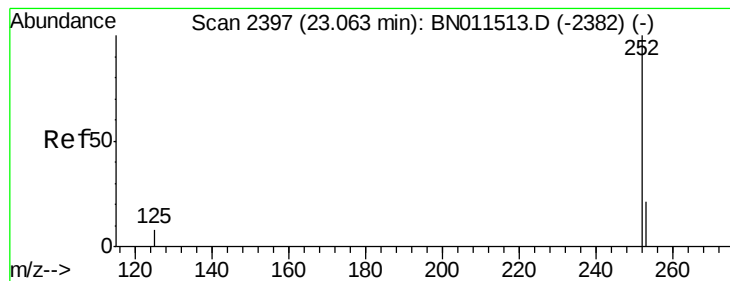
Tot Ion:252 Resp: 6818
Ion Ratio Lower Upper
252 100
253 28.1 23.0 34.6
125 11.0 9.0 13.4



#38
Benzo(k)fluoranthene
Concen: 0.316 ng
RT: 22.57 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

Tgt Ion:252 Resp: 6832
Ion Ratio Lower Upper
252 100
253 28.6 23.4 35.0
125 11.9 9.7 14.5





#39

Benzo(a)pyrene

Concen: 0.346 ng

RT: 23.07 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

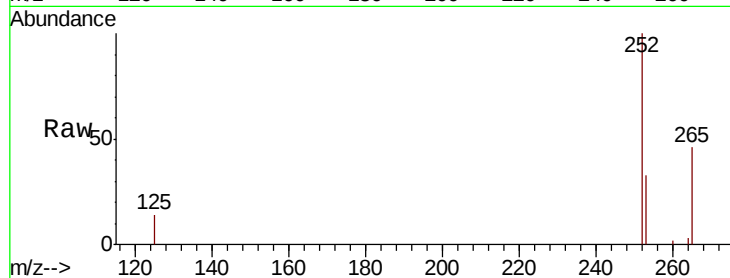
Tot Ion:252 Resp: 5893

Ion Ratio Lower Upper

252 100

253 32.9 25.4 38.0

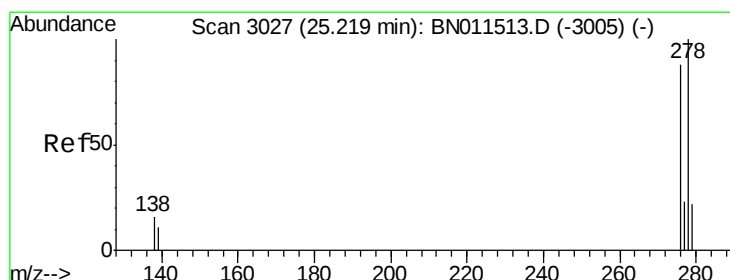
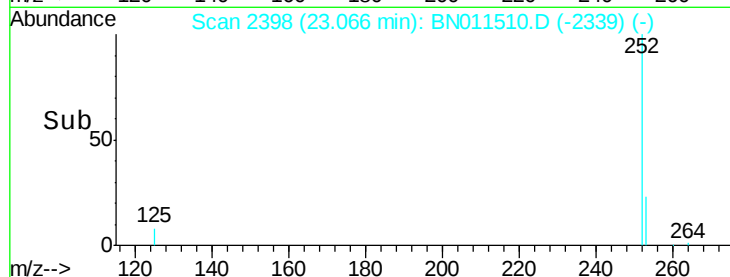
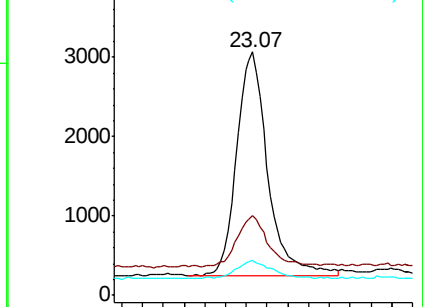
125 14.5 11.6 17.4



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



#40

Dibenzo(a,h)anthracene

Concen: 0.365 ng

RT: 25.22 min Scan# 3027

Delta R.T. -0.00 min

Lab File: BN011510.D

Acq: 19 Aug 2020 11:01

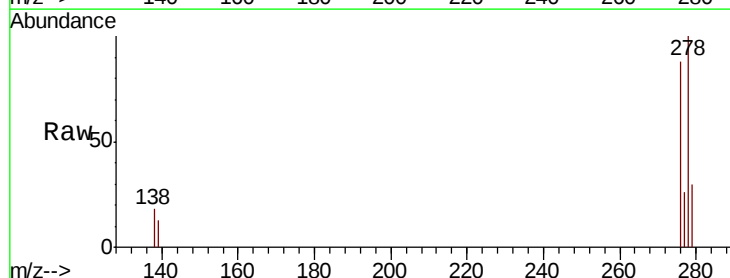
Tgt Ion:278 Resp: 6420

Ion Ratio Lower Upper

278 100

139 13.5 11.1 16.7

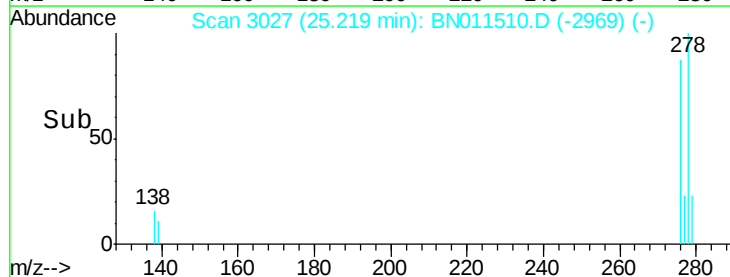
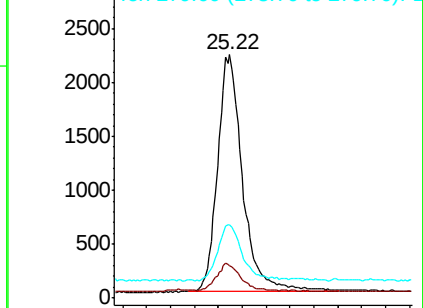
279 30.0 23.3 34.9

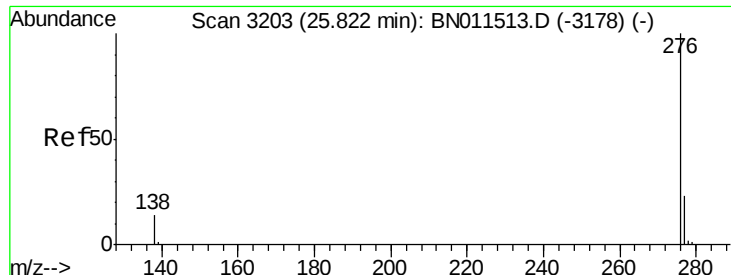


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

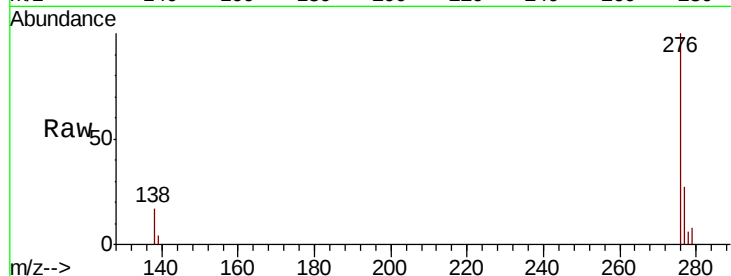




#41
Benzo(a,h,i)perylene
Concen: 0.338 ng
RT: 25.82 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BN011510.D
Acq: 19 Aug 2020 11:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion: 276 Resp: 6600
Ion Ratio Lower Upper
276 100
277 27.0 20.5 30.7
138 17.1 13.2 19.8



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

