

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011028.D
 Acq On : 23 Jun 2020 08:15
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 23 08:46:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2760	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	9861	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5554	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	13110	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	11281	0.40	ng	-0.01
34) Perylene-d12	23.26	264	13770	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	2924	0.55	ng	0.00
5) Phenol-d6	6.72	99	3236	0.52	ng	0.00
8) Nitrobenzene-d5	8.66	82	3380	0.46	ng	-0.01
11) 2-Methylnaphthalene-d10	11.87	152	6519	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	791	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	8957	0.41	ng	-0.01
25) Fluoranthene-d10	18.94	212	13567	0.37	ng	0.00
29) Terphenyl-d14	19.56	244	10578	0.40	ng	0.00

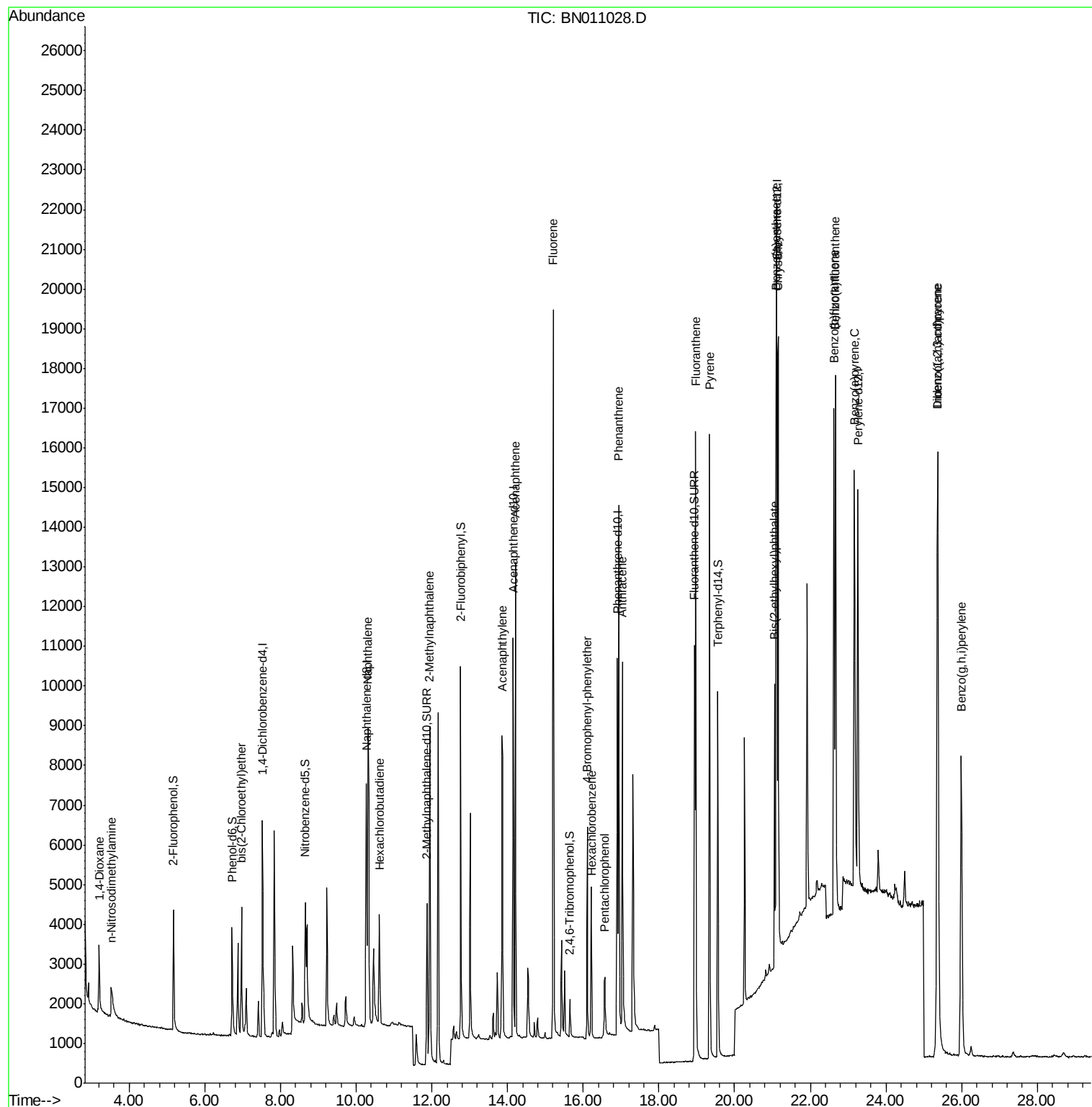
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.21	88	1384	0.512	ng	97
3) n-Nitrosodimethylamine	3.53	42	806	0.513	ng	# 92
6) bis(2-Chloroethyl)ether	6.97	93	3035	0.496	ng	92
9) Naphthalene	10.32	128	10474	0.423	ng	99
10) Hexachlorobutadiene	10.62	225	2389	0.390	ng	# 98
12) 2-Methylnaphthalene	11.94	142	7107	0.429	ng	98
16) Acenaphthylene	13.86	152	9808	0.431	ng	99
17) Acenaphthene	14.21	154	6450	0.416	ng	98
18) Fluorene	15.21	166	8178	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.10	248	2652	0.337	ng	# 88
21) Hexachlorobenzene	16.22	284	2866	0.349	ng	98
22) Pentachlorophenol	16.57	266	1030	0.373	ng	96
23) Phenanthrene	16.94	178	14362	0.401	ng	99
24) Anthracene	17.04	178	12331	0.412	ng	100
26) Fluoranthene	18.97	202	15097	0.371	ng	# 98
28) Pyrene	19.34	202	15202	0.407	ng	100
30) Benzo(a)anthracene	21.10	228	13953	0.421	ng	99
31) Chrysene	21.15	228	15920	0.412	ng	97
32) Bis(2-ethylhexyl)phthalate	21.06	149	6082	0.550	ng	96
33) Indeno(1,2,3-cd)pyrene	25.36	276	19352	0.448	ng	# 95
35) Benzo(b)fluoranthene	22.63	252	15705	0.335	ng	98
36) Benzo(k)fluoranthene	22.67	252	17096	0.343	ng	98
37) Benzo(a)pyrene	23.16	252	17031	0.424	ng	95
38) Dibenzo(a,h)anthracene	25.37	278	15734	0.344	ng	95
39) Benzo(g,h,i)perylene	25.99	276	15721	0.328	ng	98

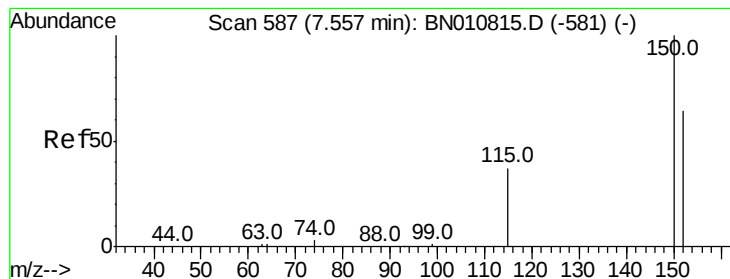
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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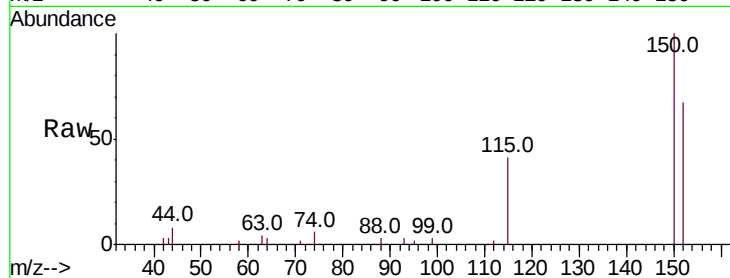


#1

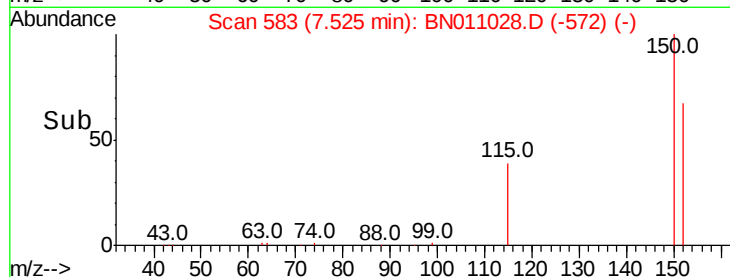
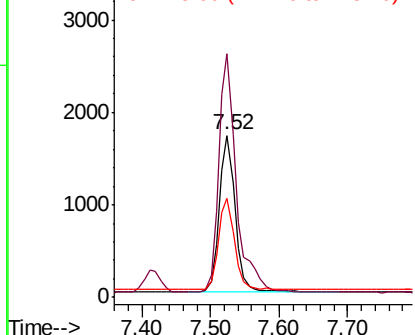
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011028.D
Acq: 23 Jun 2020 08:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2760
Ion Ratio Lower Upper
152 100
150 150.0 123.8 185.6
115 60.9 49.2 73.8



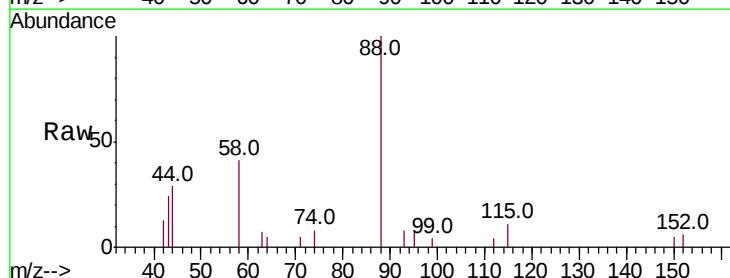
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



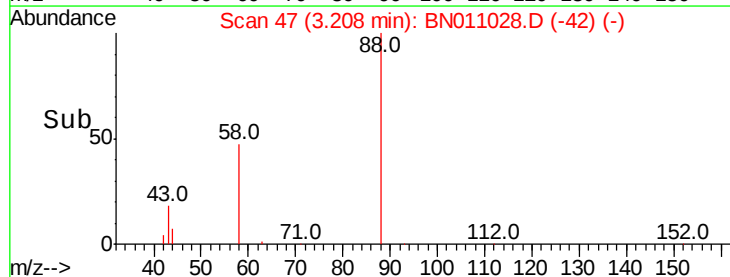
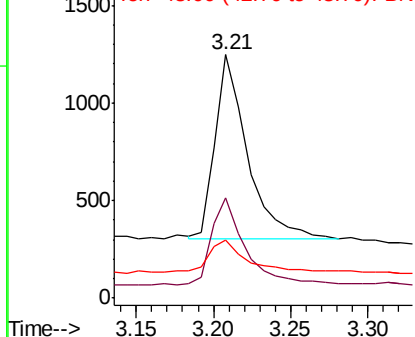
#2

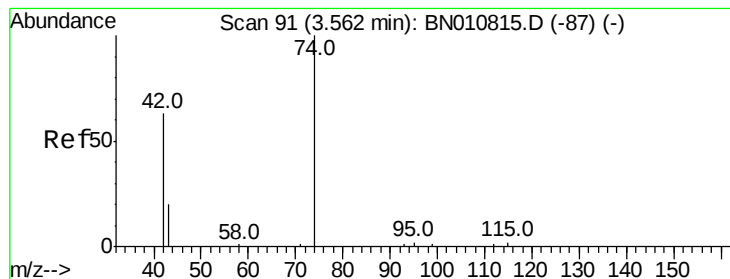
1,4-Dioxane
Concen: 0.512 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011028.D
Acq: 23 Jun 2020 08:15

Tgt Ion: 88 Resp: 1384
Ion Ratio Lower Upper
88 100
58 49.8 38.2 57.4
43 17.9 15.1 22.7



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: 0.513 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.02 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

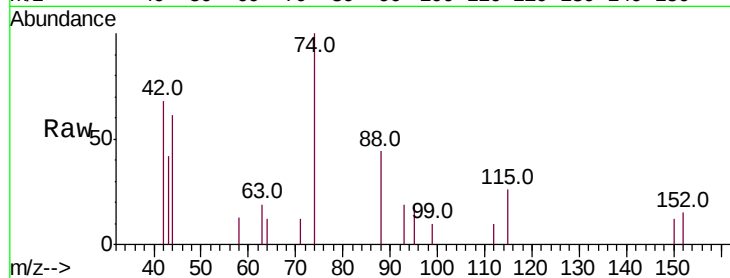
Tot Ion: 42 Resp: 806

Ion Ratio Lower Upper

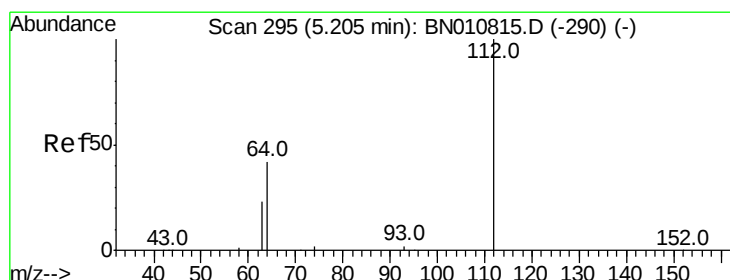
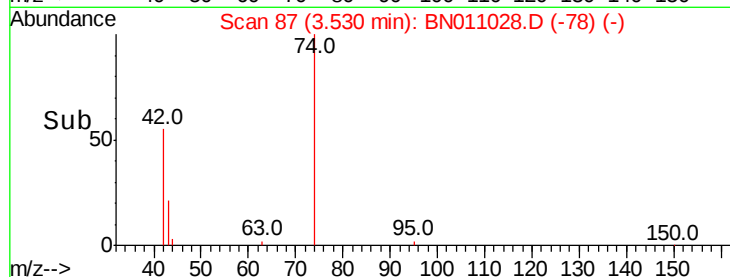
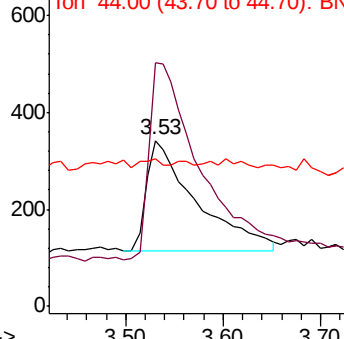
42 100

74 187.7 140.7 211.1

44 3.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN011028.D (-87) (-)



#4

2-Fluorophenol

Concen: 0.549 ng

RT: 5.17 min Scan# 291

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

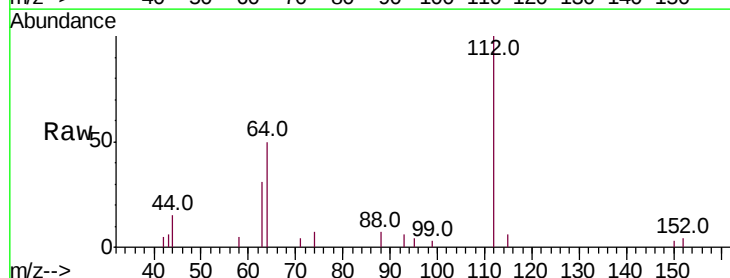
Tgt Ion: 112 Resp: 2924

Ion Ratio Lower Upper

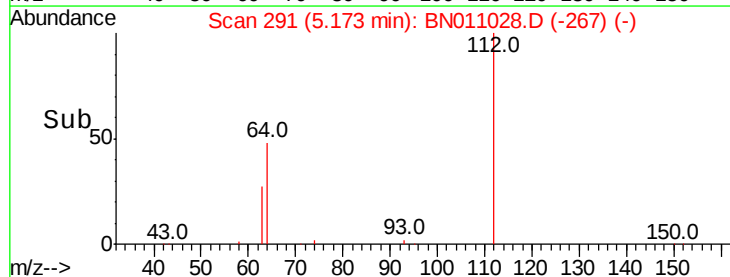
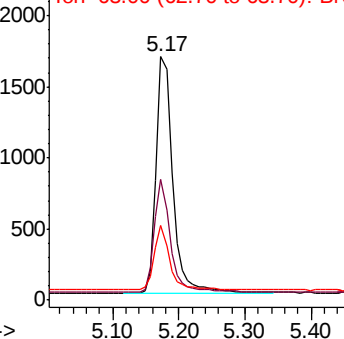
112 100

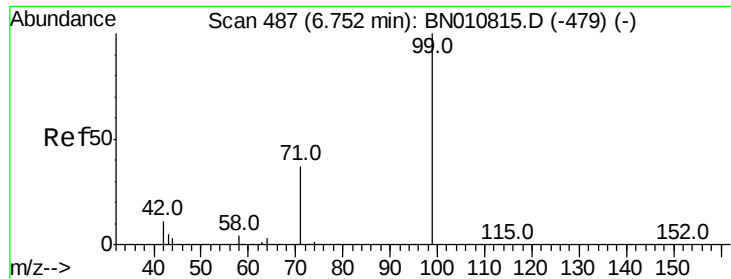
64 45.9 37.4 56.0

63 24.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BN011028.D (-290) (-)





#5

Phenol-d6

Concen: 0.516 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

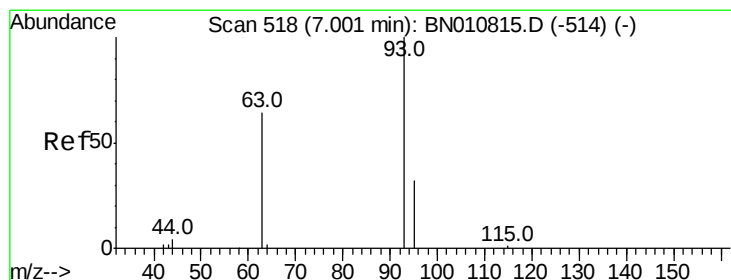
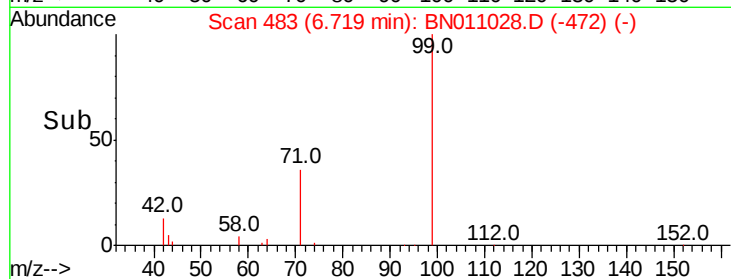
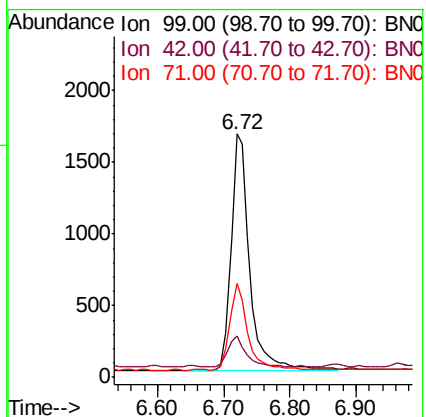
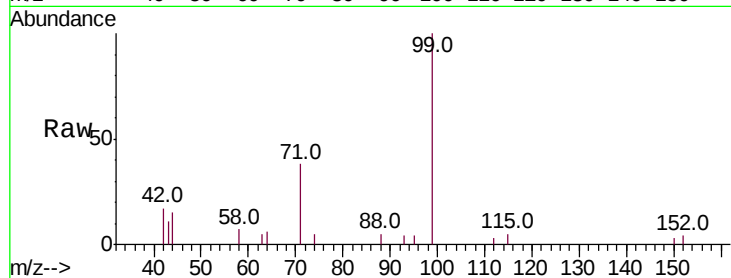
Tot Ion: 99 Resp: 3236

Ion Ratio Lower Upper

99 100

42 13.0 11.1 16.7

71 35.1 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.496 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

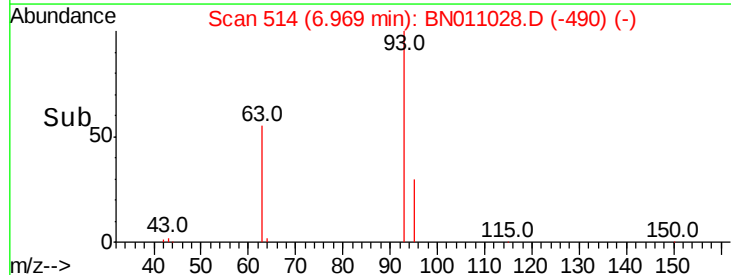
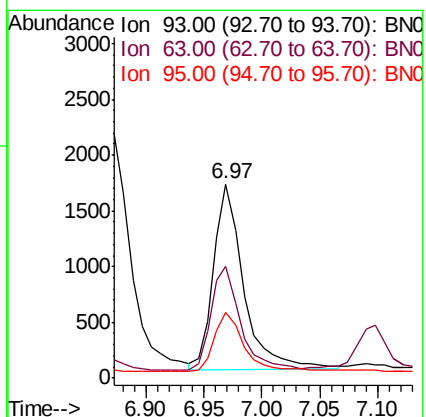
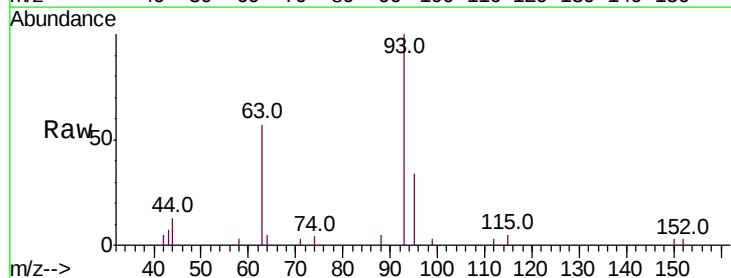
Tgt Ion: 93 Resp: 3035

Ion Ratio Lower Upper

93 100

63 54.4 49.4 74.2

95 31.0 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9861

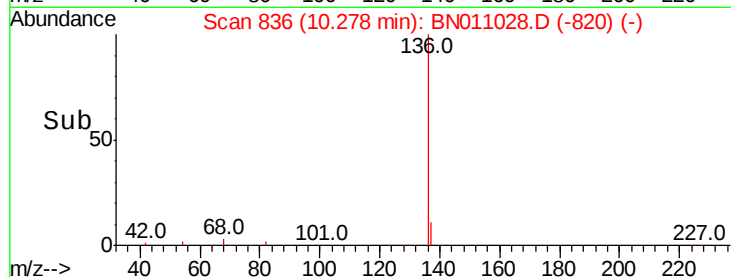
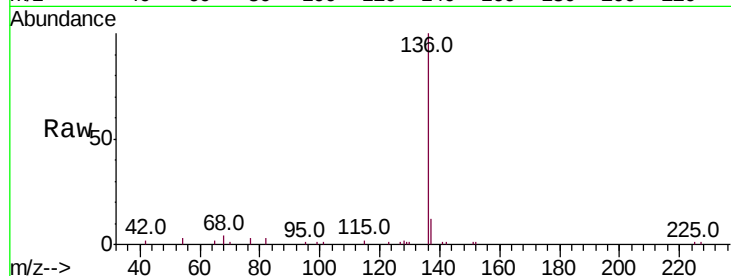
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 3.3 4.9 7.3#

68 4.1 4.7 7.1#

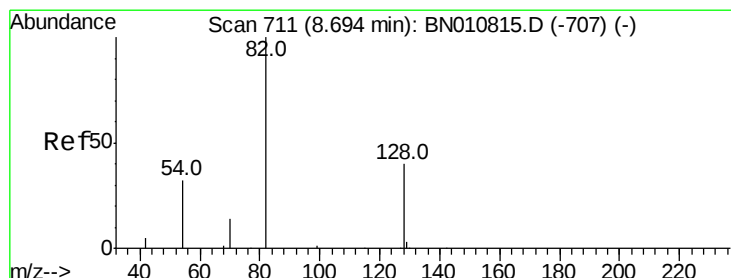
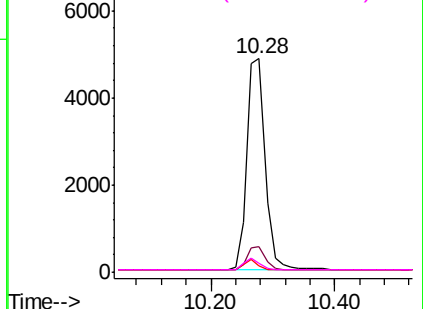


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.463 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

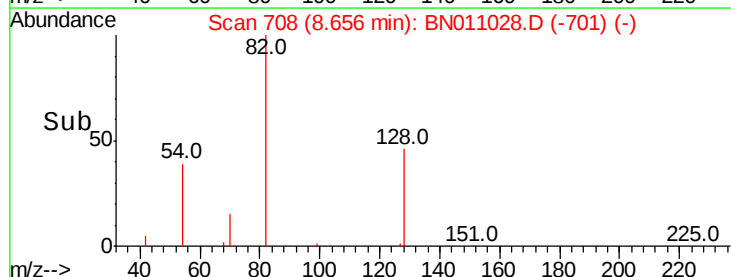
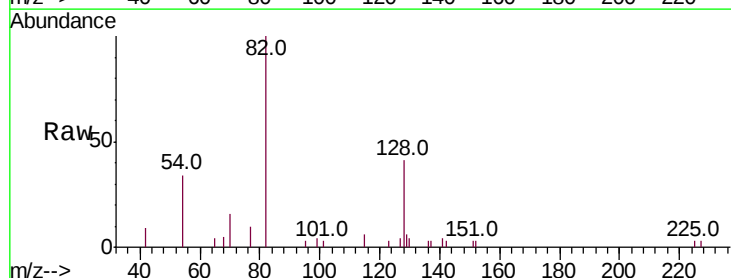
Tgt Ion: 82 Resp: 3380

Ion Ratio Lower Upper

82 100

128 41.1 35.4 53.0

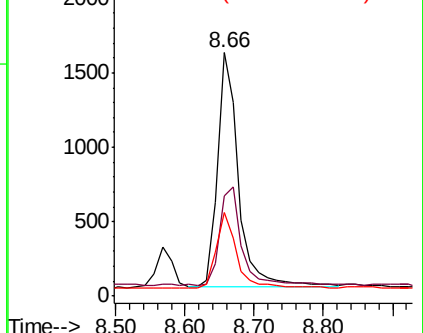
54 34.3 28.2 42.4

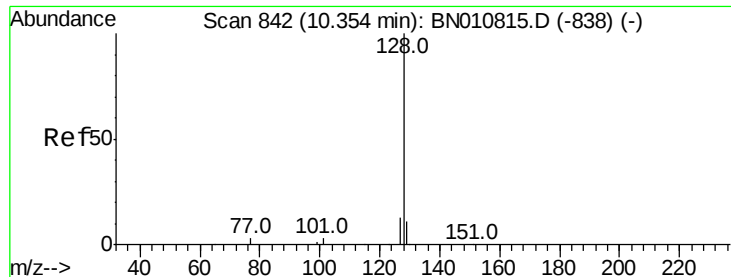


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.423 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

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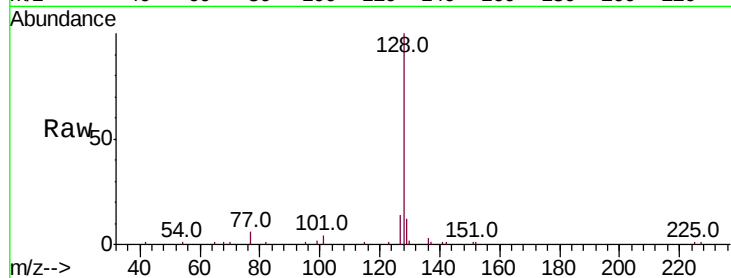
Tot Ion:128 Resp: 10474

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

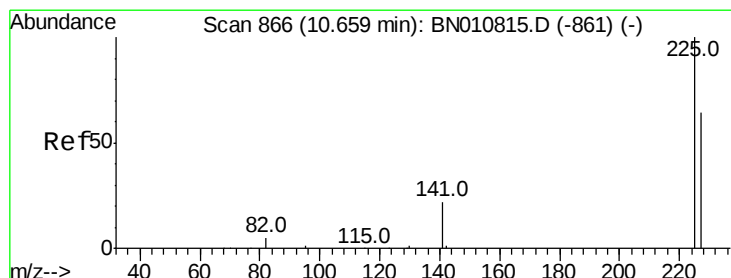
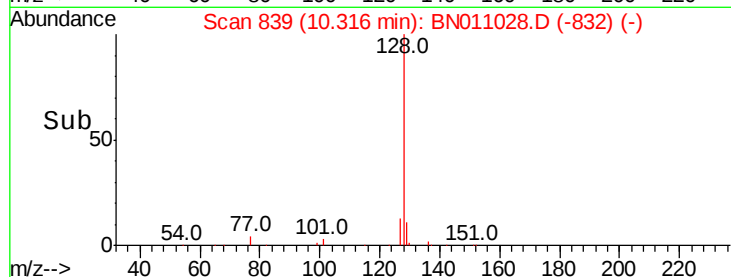
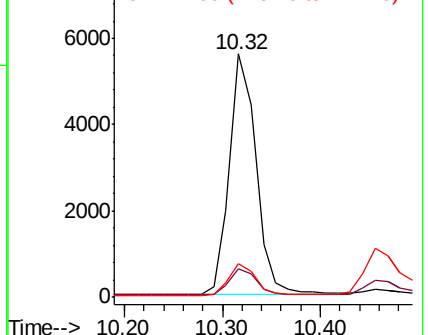
127 14.0 11.4 17.2



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: 0.390 ng

RT: 10.62 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

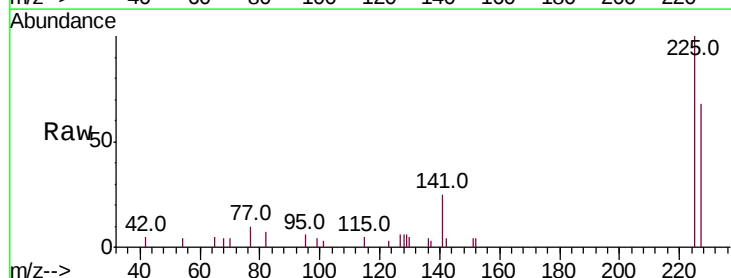
Tgt Ion:225 Resp: 2389

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

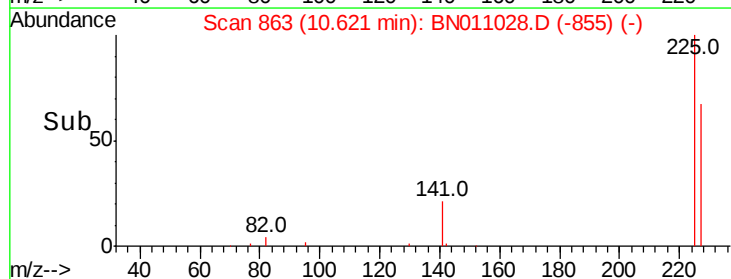
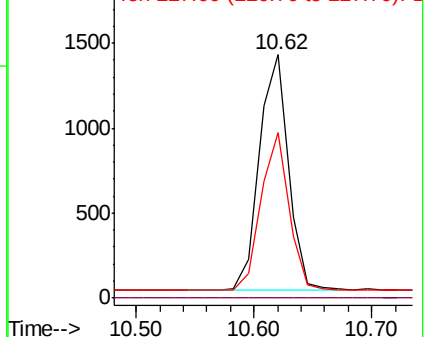
227 64.7 50.5 75.7

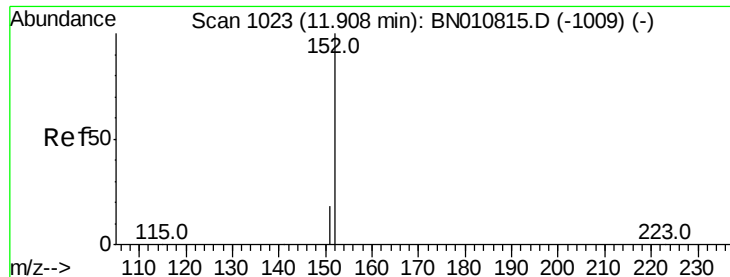


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

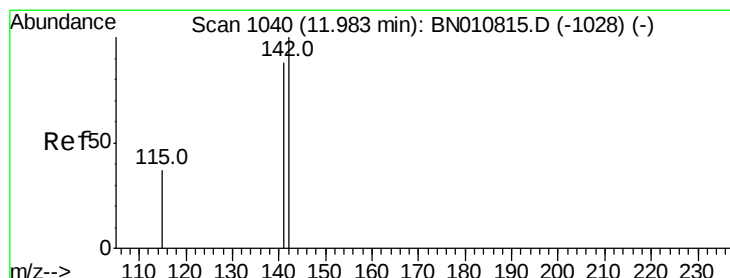
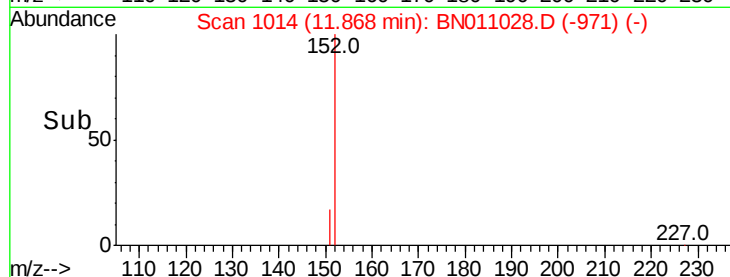
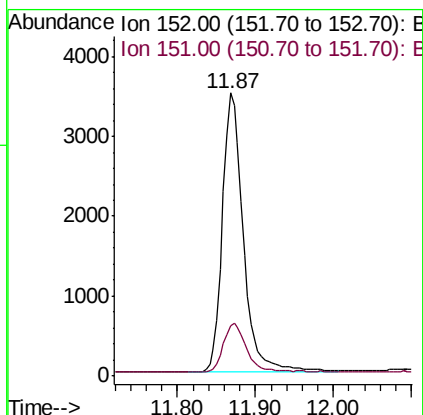
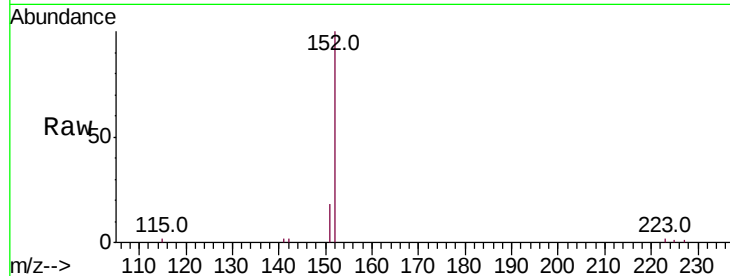




#11
 2-Methylnaphthalene-d10
 Concen: 0.426 ng
 RT: 11.87 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BN011028.D
 Acq: 23 Jun 2020 08:15

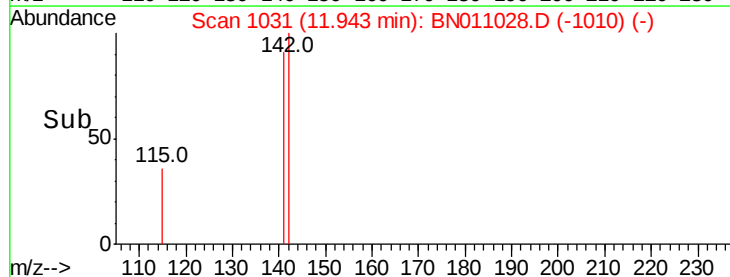
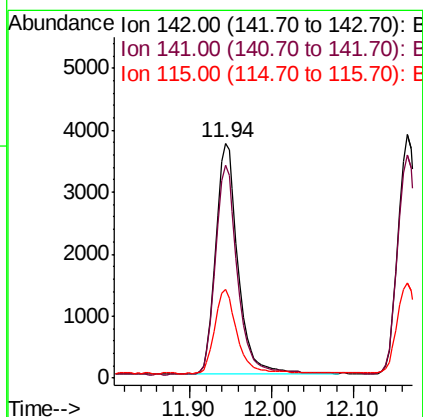
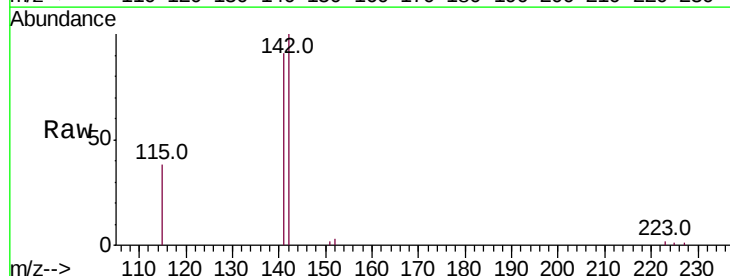
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

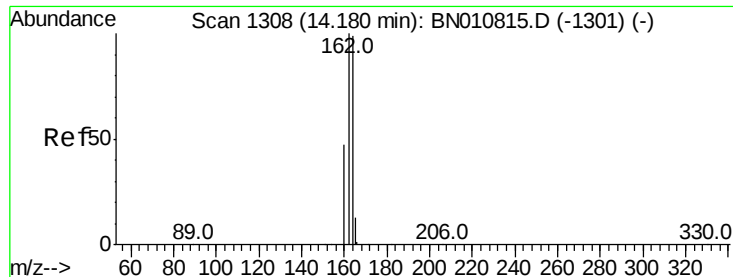
Tot Ion:152 Resp: 6519
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.429 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BN011028.D
 Acq: 23 Jun 2020 08:15

Tgt Ion:142 Resp: 7107
 Ion Ratio Lower Upper
 142 100
 141 90.6 70.8 106.2
 115 37.8 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

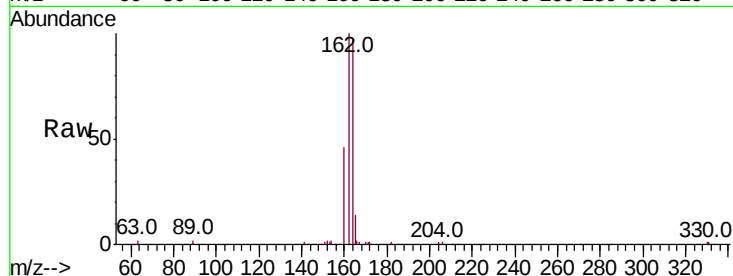
Tot Ion:164 Resp: 5554

Ion Ratio Lower Upper

164 100

162 103.6 81.0 121.6

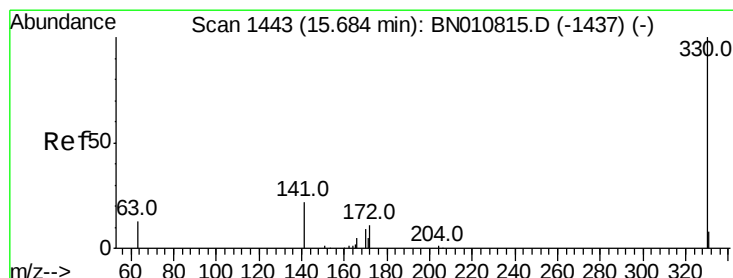
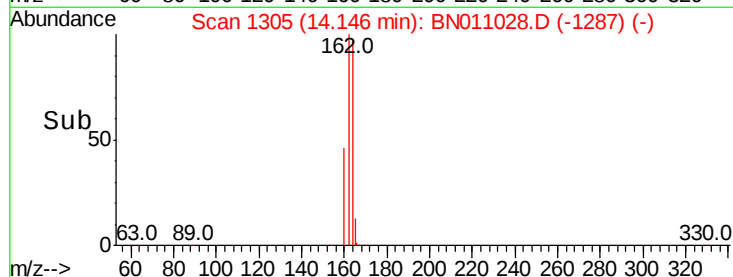
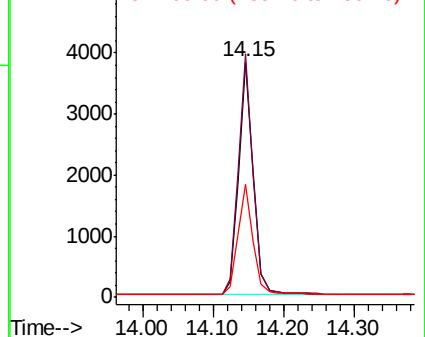
160 48.0 38.9 58.3



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: 0.398 ng

RT: 15.65 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

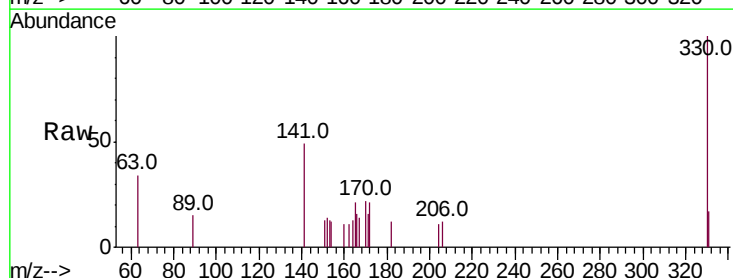
Tgt Ion:330 Resp: 791

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

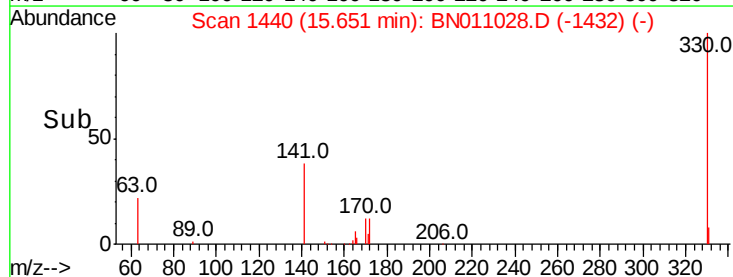
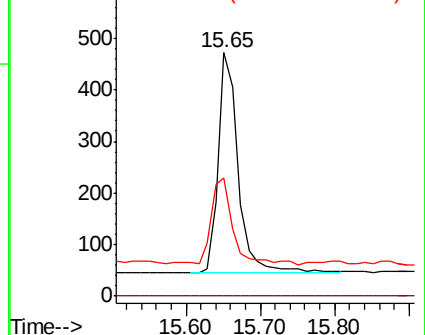
141 42.7 33.2 49.8



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

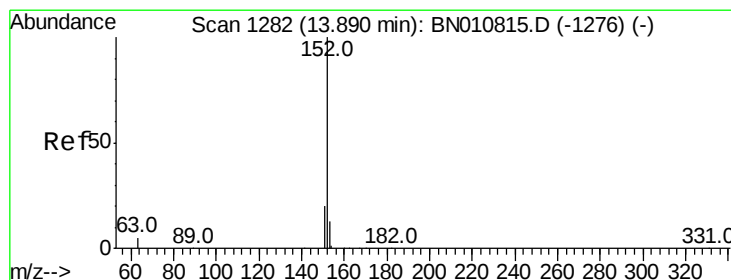
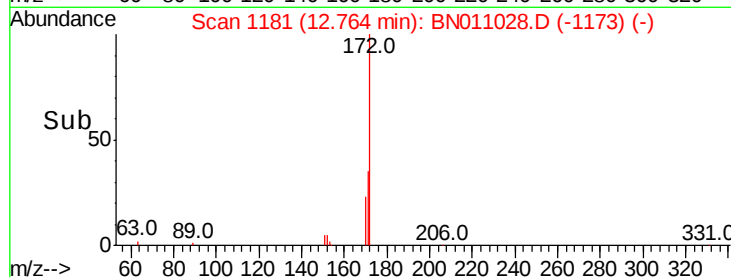
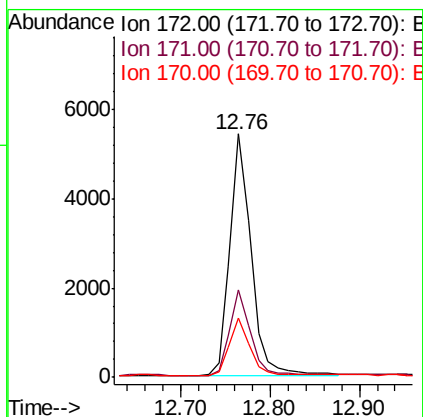
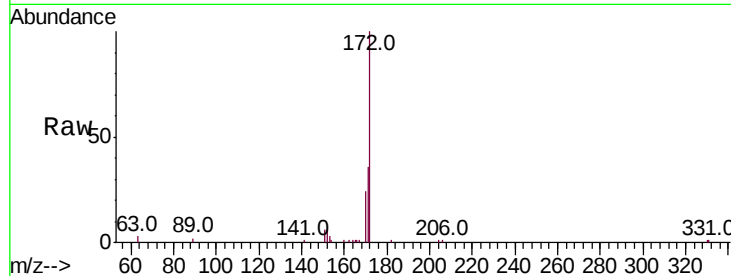




#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011028.D
Acq: 23 Jun 2020 08:15

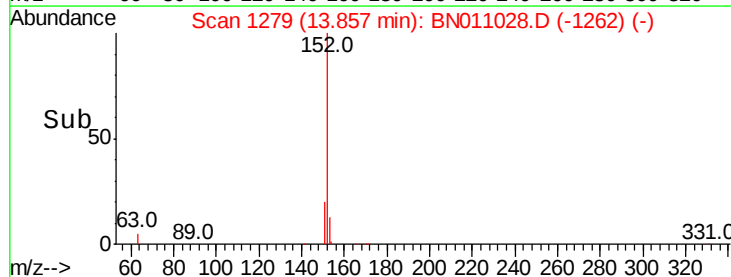
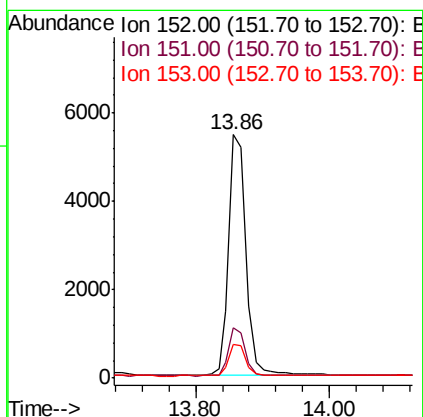
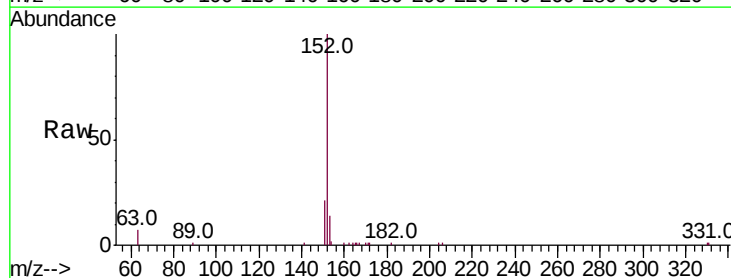
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

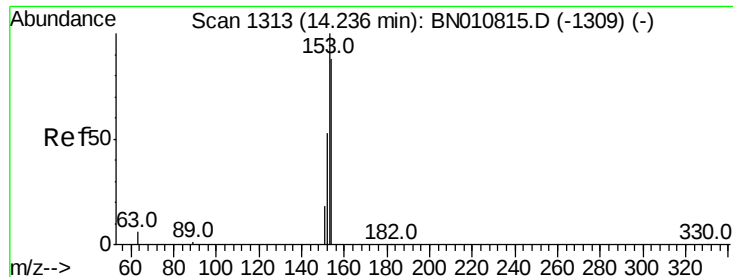
Tot Ion:172 Resp: 8957
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.1 19.7 29.5



#16
Acenaphthylene
Concen: 0.431 ng
RT: 13.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN011028.D
Acq: 23 Jun 2020 08:15

Tgt Ion:152 Resp: 9808
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.416 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

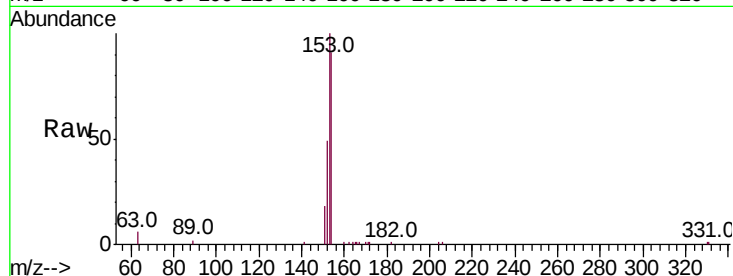
Tot Ion:154 Resp: 6450

Ion Ratio Lower Upper

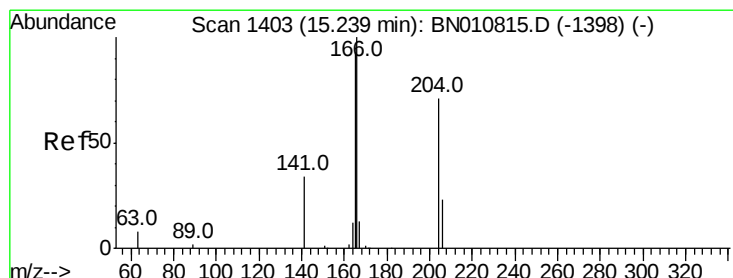
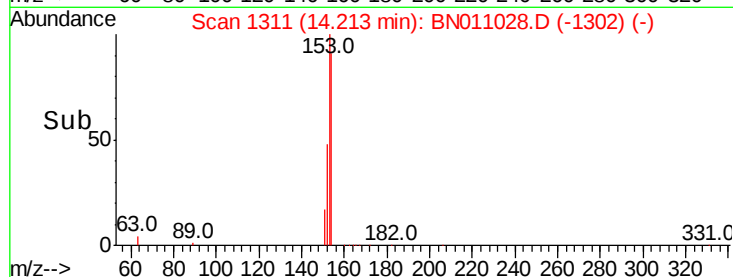
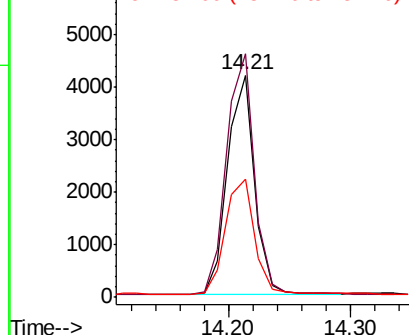
154 100

153 113.2 91.8 137.6

152 56.3 47.6 71.4



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: 0.409 ng

RT: 15.21 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

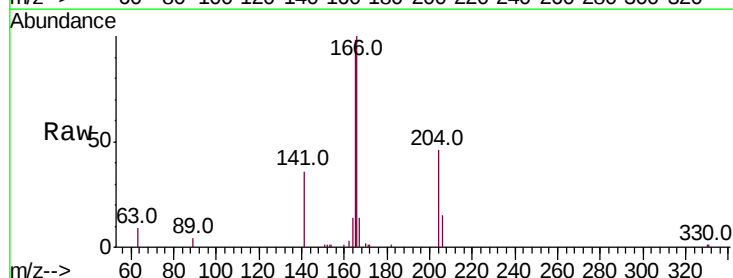
Tgt Ion:166 Resp: 8178

Ion Ratio Lower Upper

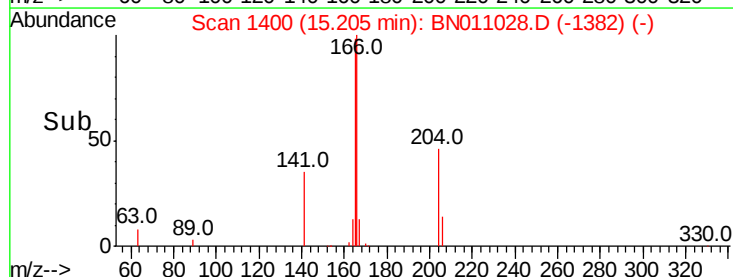
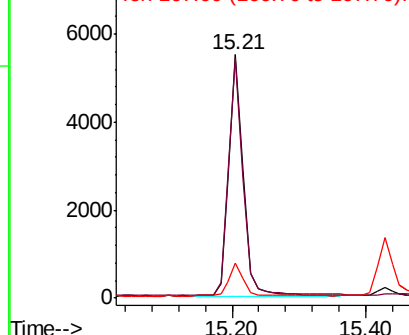
166 100

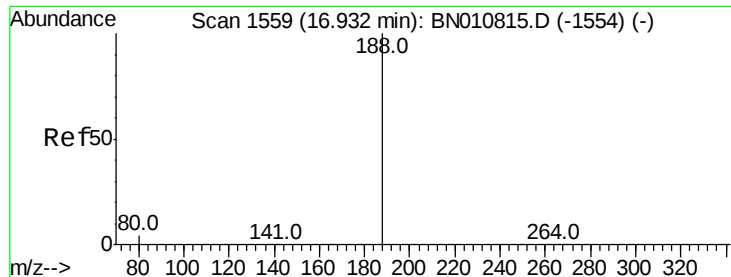
165 97.9 77.2 115.8

167 13.5 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: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

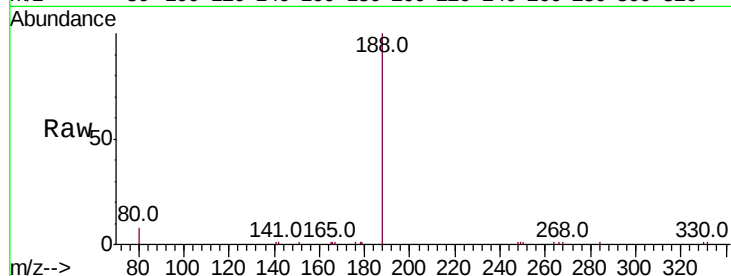
Tot Ion:188 Resp: 13110

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 4.5 6.7#



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

12000

10000

8000

6000

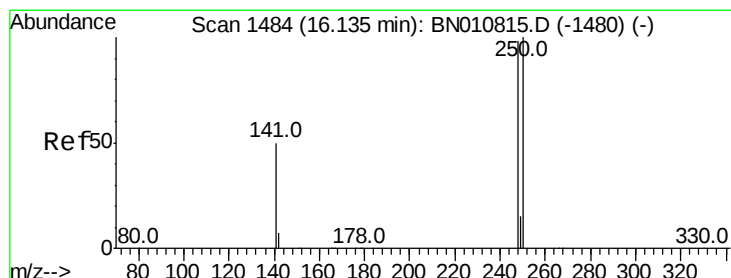
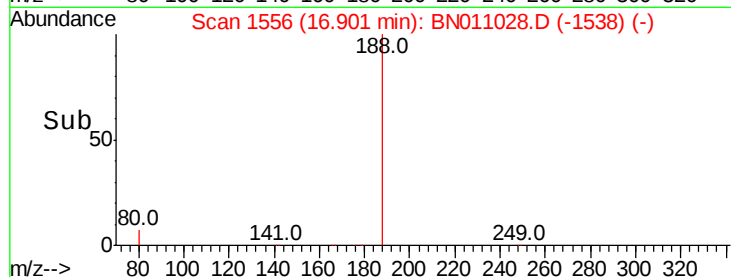
4000

2000

0

16.80 16.90 17.00 17.20

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.337 ng

RT: 16.10 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

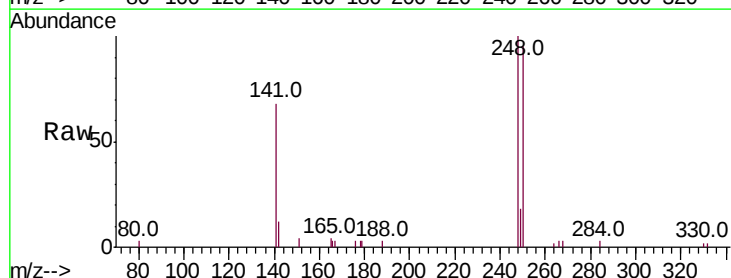
Tgt Ion:248 Resp: 2652

Ion Ratio Lower Upper

248 100

250 94.9 81.8 122.8

141 68.0 42.6 64.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

2500

2000

1500

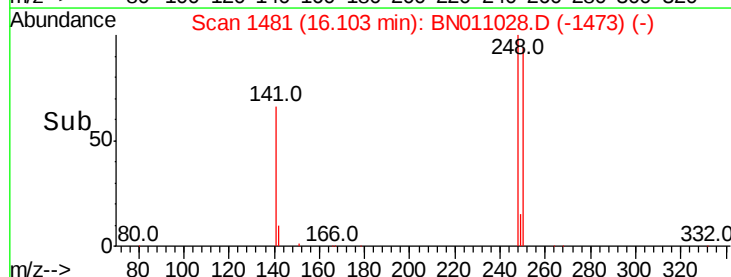
1000

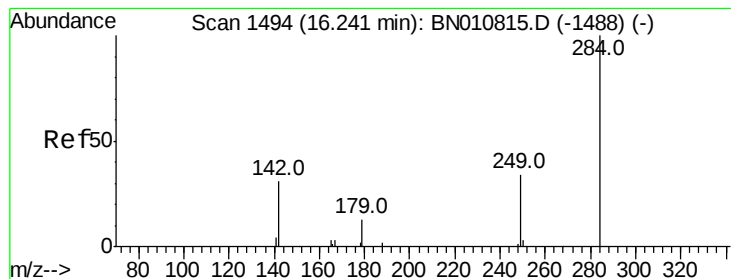
500

0

16.05 16.10 16.15

Time-->





#21

Hexachlorobenzene

Concen: 0.349 ng

RT: 16.22 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

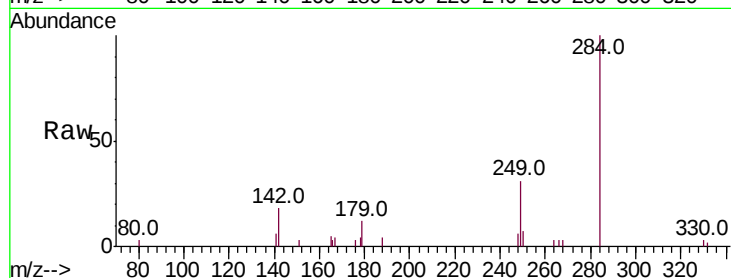
Tot Ion:284 Resp: 2866

Ion Ratio Lower Upper

284 100

142 37.0 31.0 46.4

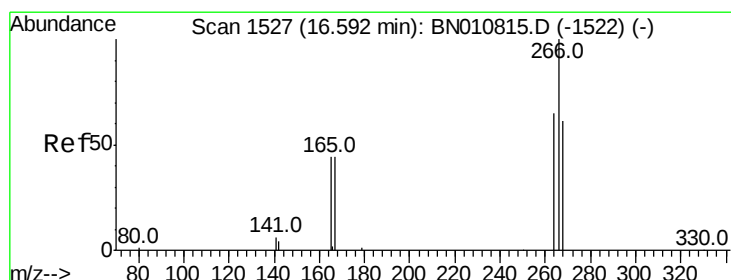
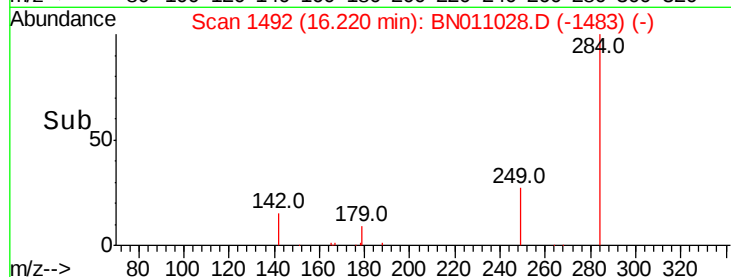
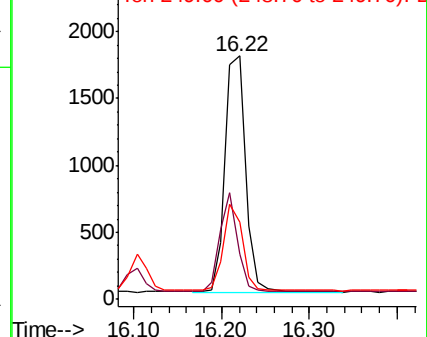
249 33.8 27.1 40.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.373 ng

RT: 16.57 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

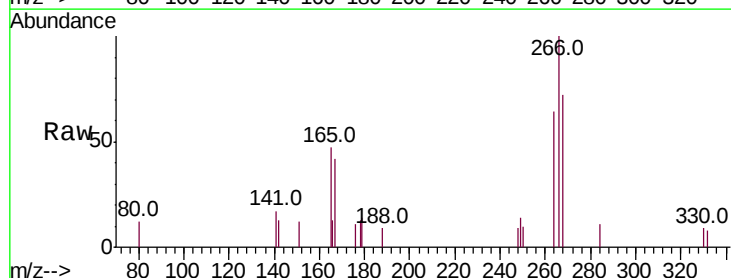
Tgt Ion:266 Resp: 1030

Ion Ratio Lower Upper

266 100

264 63.5 54.8 82.2

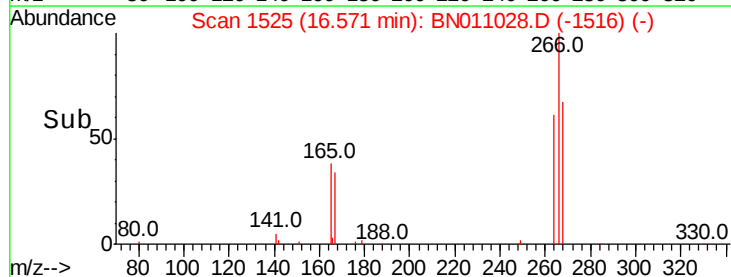
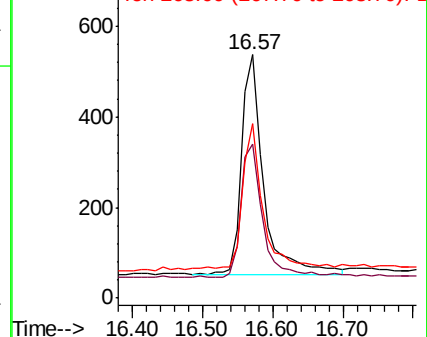
268 71.9 55.9 83.9



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





#23

Phenanthrene

Concen: 0.401 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

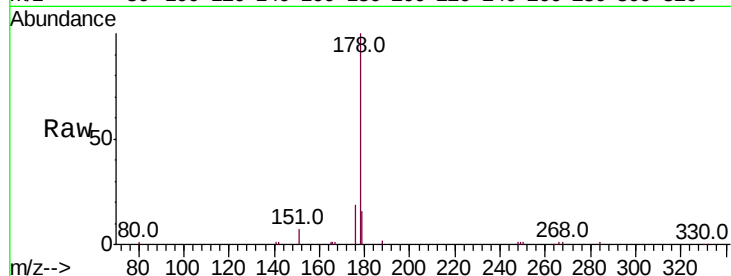
Tot Ion:178 Resp: 14362

Ion Ratio Lower Upper

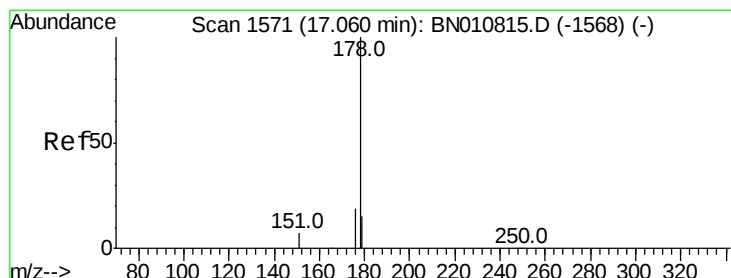
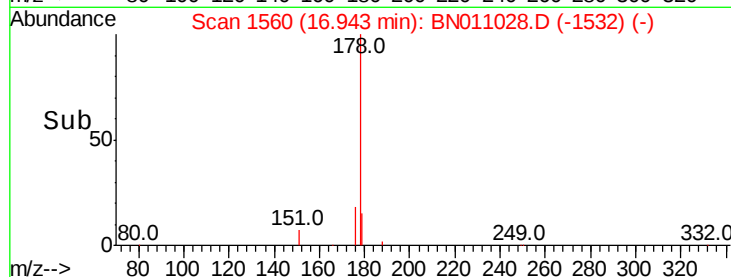
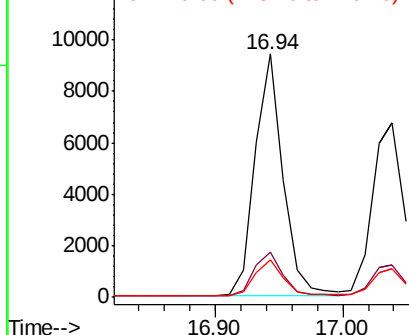
178 100

176 18.7 15.3 22.9

179 15.2 12.6 19.0



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



#24

Anthracene

Concen: 0.412 ng

RT: 17.04 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

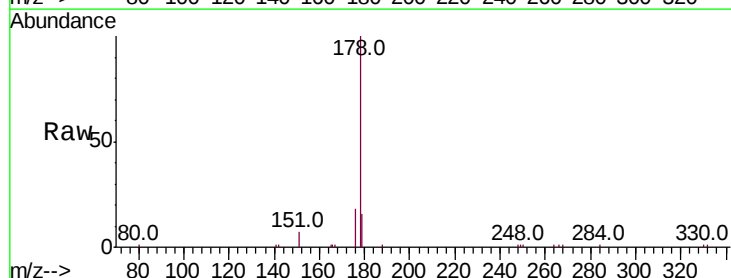
Tgt Ion:178 Resp: 12331

Ion Ratio Lower Upper

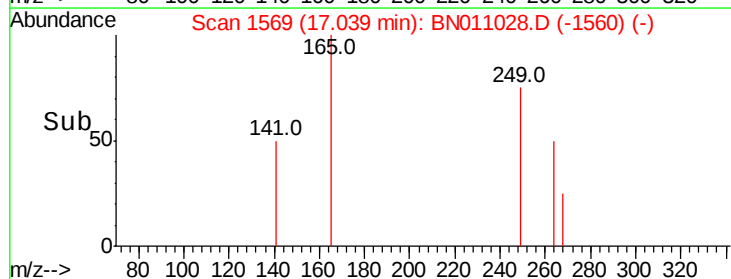
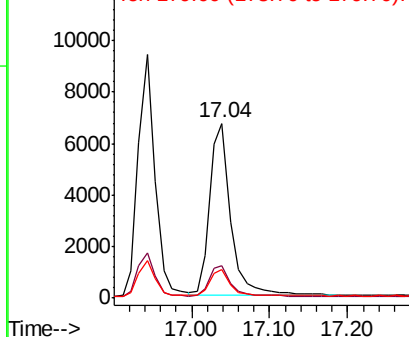
178 100

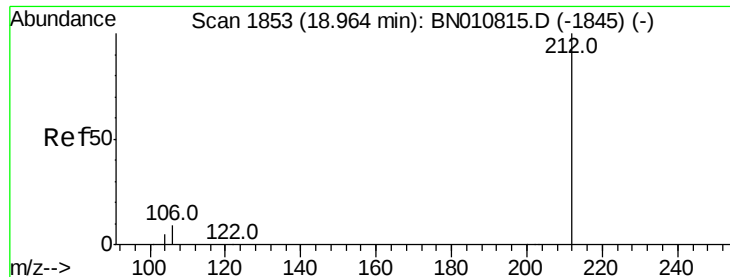
176 18.1 14.6 22.0

179 15.2 12.3 18.5



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





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 18.94 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

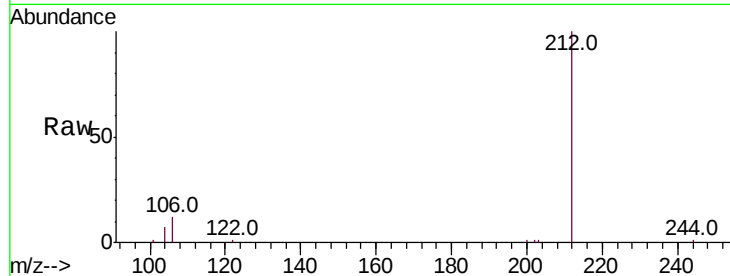
Tot Ion:212 Resp: 13567

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

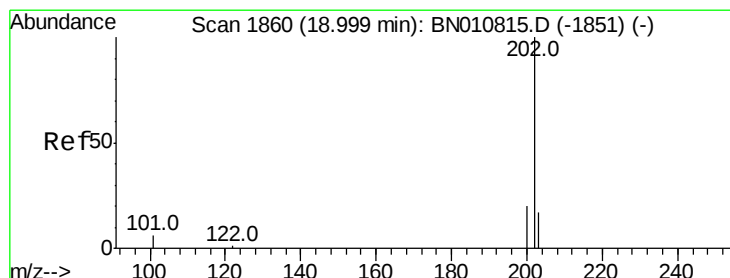
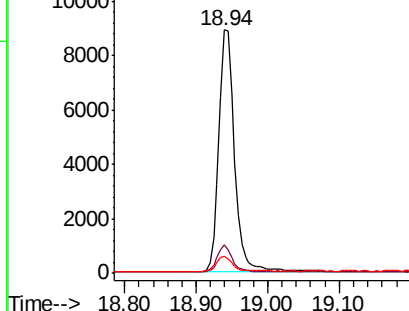
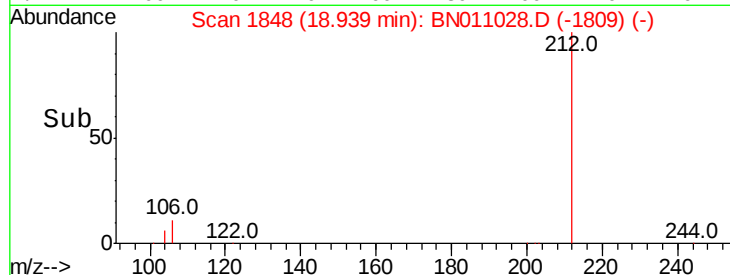
104 6.1 4.0 6.0#



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



#26

Fluoranthene

Concen: 0.371 ng

RT: 18.97 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

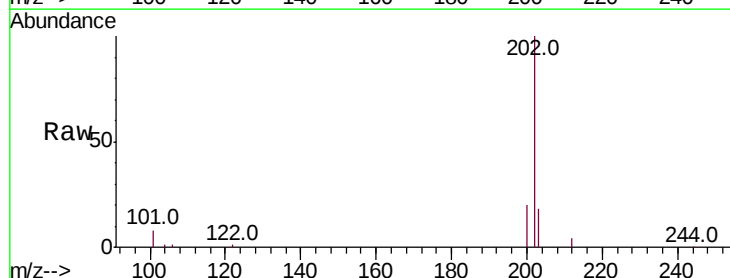
Tgt Ion:202 Resp: 15097

Ion Ratio Lower Upper

202 100

101 8.8 5.8 8.6#

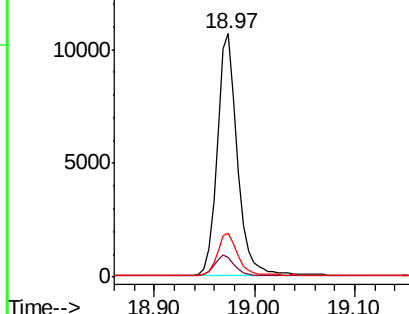
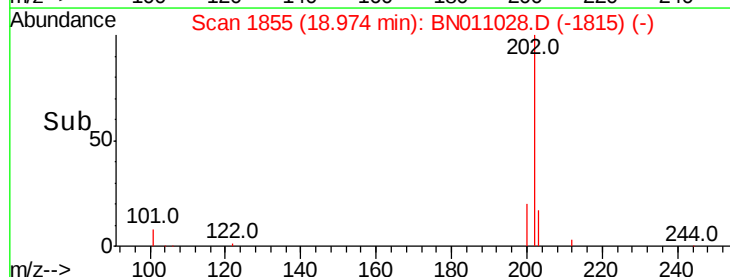
203 17.4 13.7 20.5



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

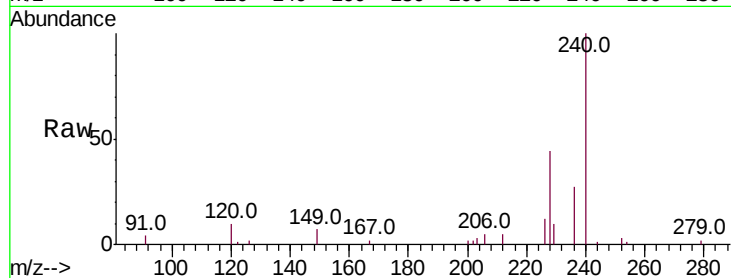




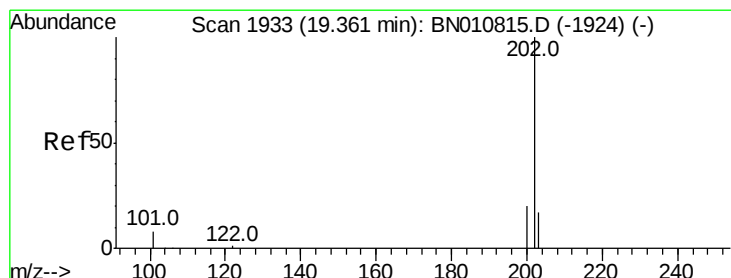
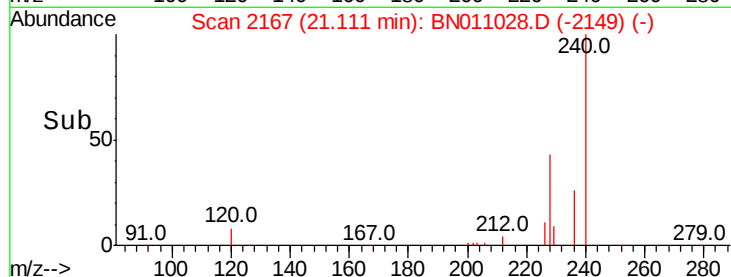
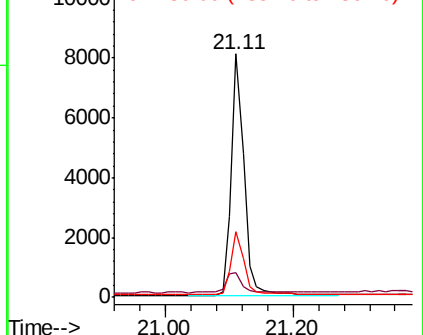
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011028.D
Acq: 23 Jun 2020 08:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 11281
Ion Ratio Lower Upper
240 100
120 10.0 7.5 11.3
236 27.1 22.3 33.5

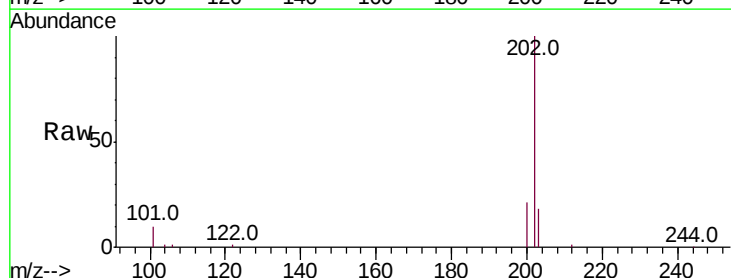


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

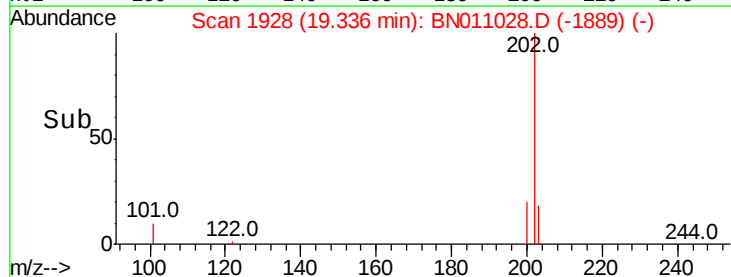
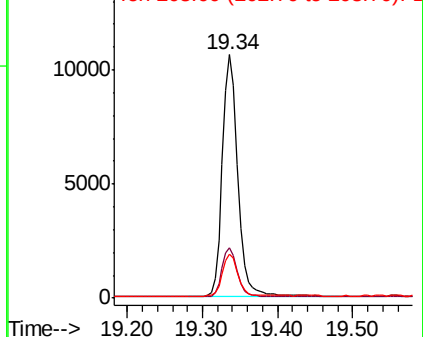


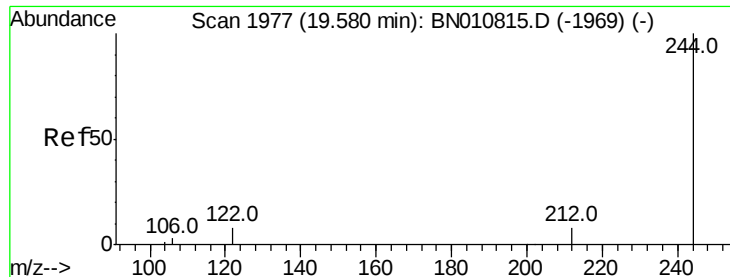
#28
Pyrene
Concen: 0.407 ng
RT: 19.34 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BN011028.D
Acq: 23 Jun 2020 08:15

Tgt Ion:202 Resp: 15202
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.6 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





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

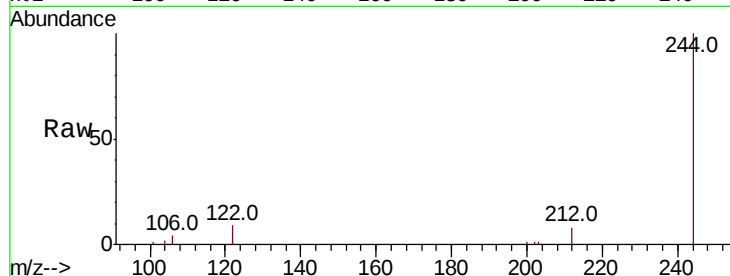
Tot Ion:244 Resp: 10578

Ion Ratio Lower Upper

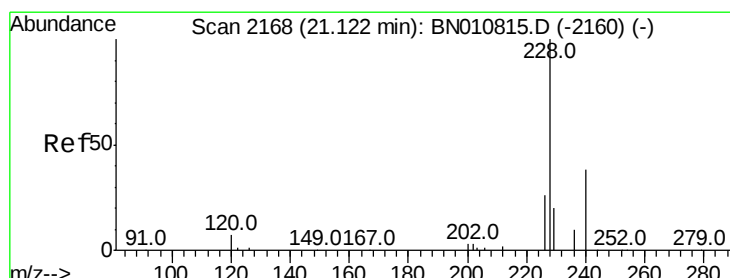
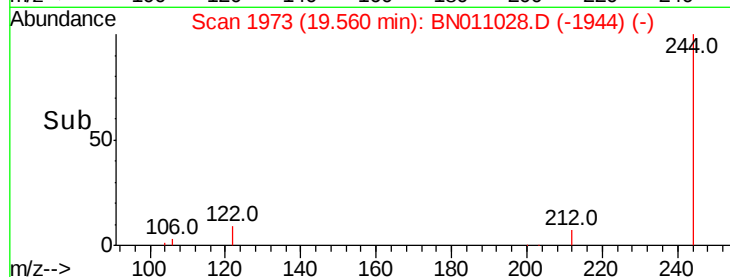
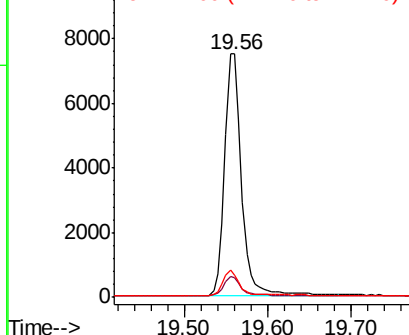
244 100

212 8.1 7.4 11.2

122 9.3 7.5 11.3



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



#30

Benzo(a)anthracene

Concen: 0.421 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

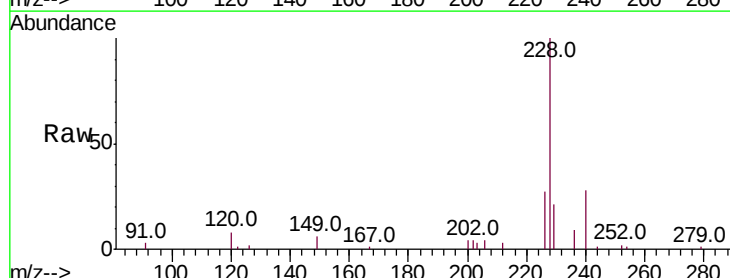
Tgt Ion:228 Resp: 13953

Ion Ratio Lower Upper

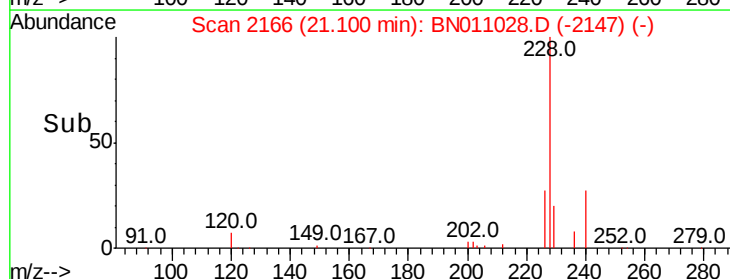
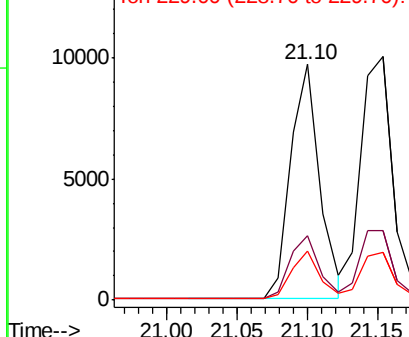
228 100

226 27.1 21.3 31.9

229 20.6 16.6 24.8



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





#31

Chrysene

Concen: 0.412 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

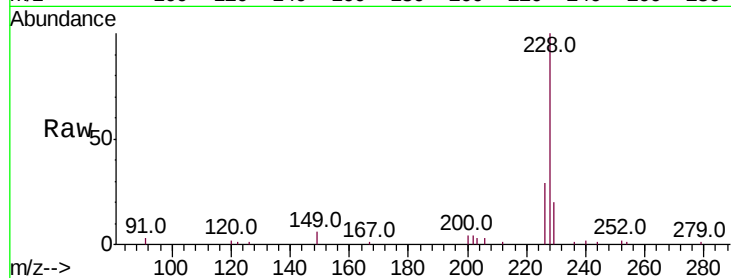
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 15920

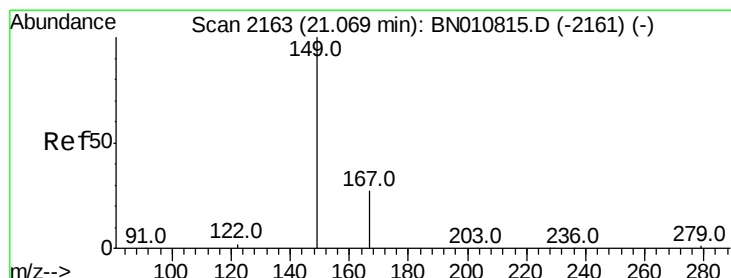
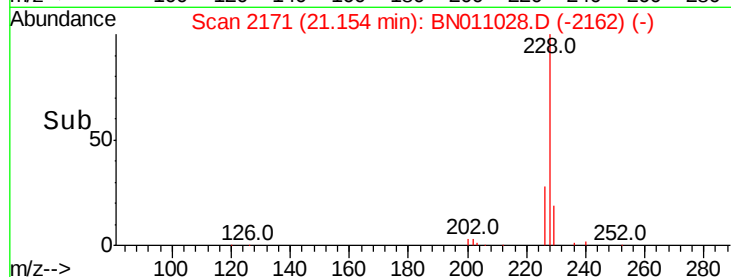
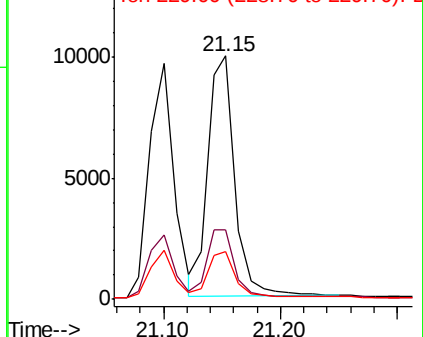
Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	19.8	16.1	24.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.550 ng

RT: 21.06 min Scan# 2162

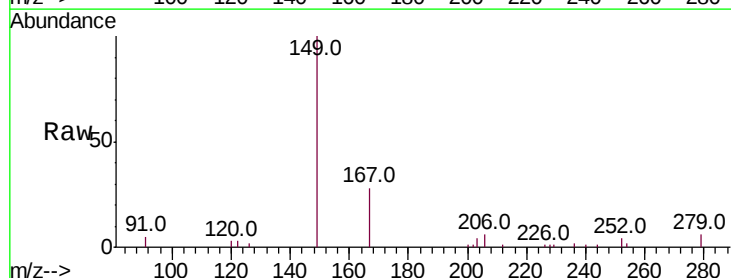
Delta R.T. 0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Tgt Ion:149 Resp: 6082

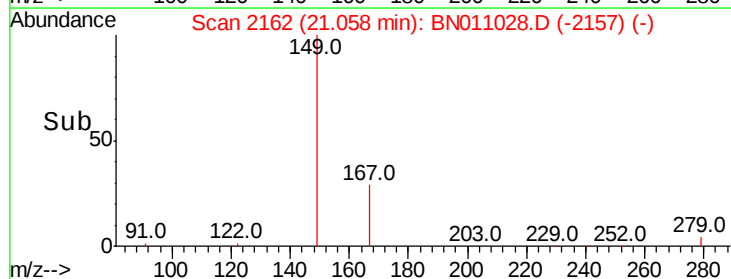
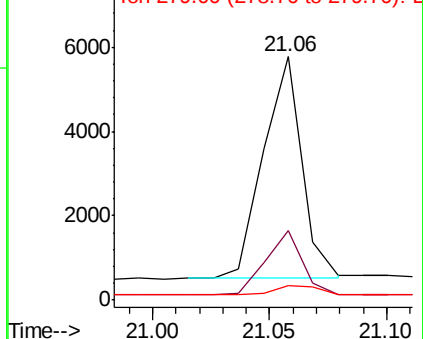
Ion	Ratio	Lower	Upper
149	100		
167	27.6	24.1	36.1
279	4.9	4.6	7.0

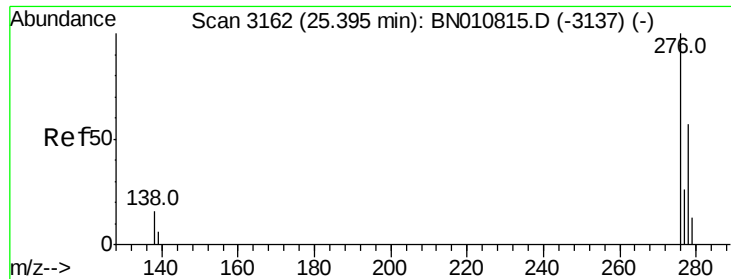


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.448 ng

RT: 25.36 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

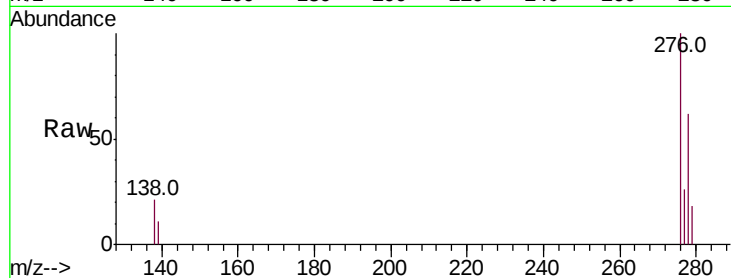
Tot Ion:276 Resp: 19352

Ion Ratio Lower Upper

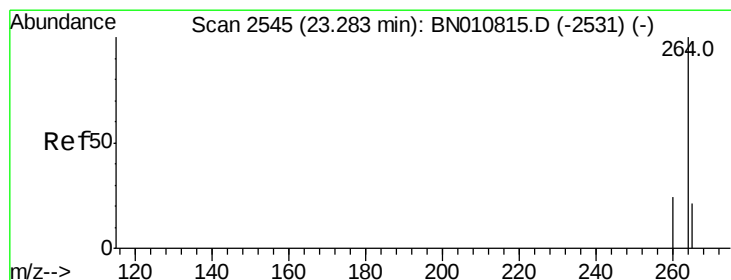
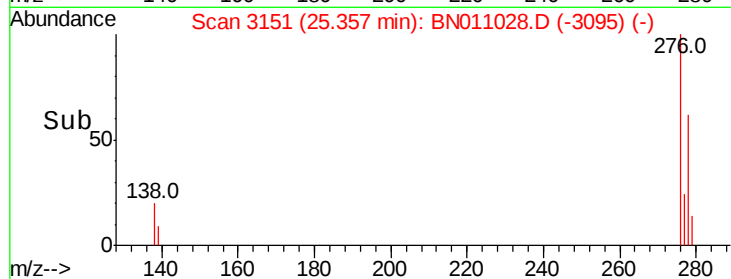
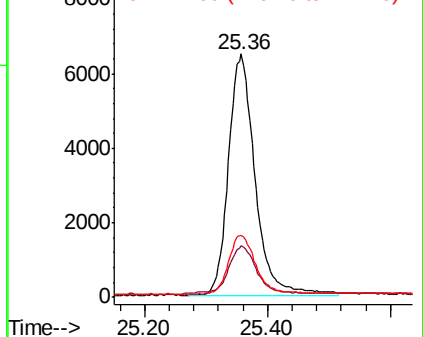
276 100

138 21.4 13.0 19.6#

277 24.3 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

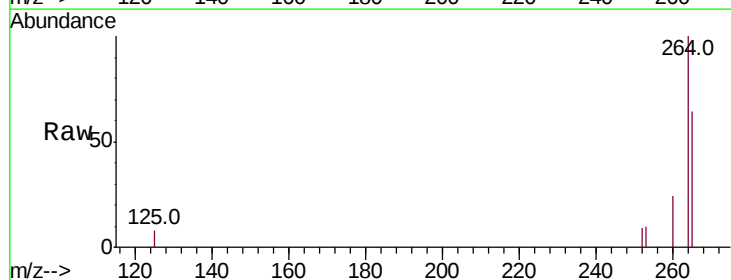
Tgt Ion:264 Resp: 13770

Ion Ratio Lower Upper

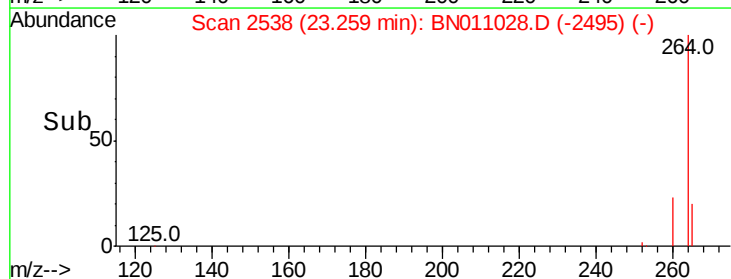
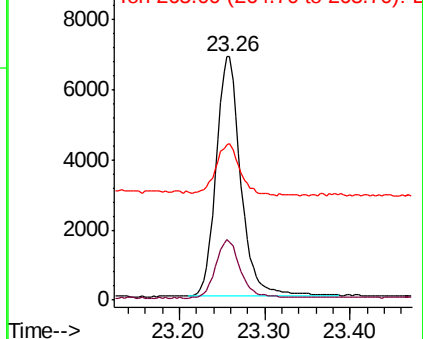
264 100

260 24.1 20.4 30.6

265 64.2 75.0 112.4#



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





#35

Benzo(b)fluoranthene

Concen: 0.335 ng

RT: 22.63 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

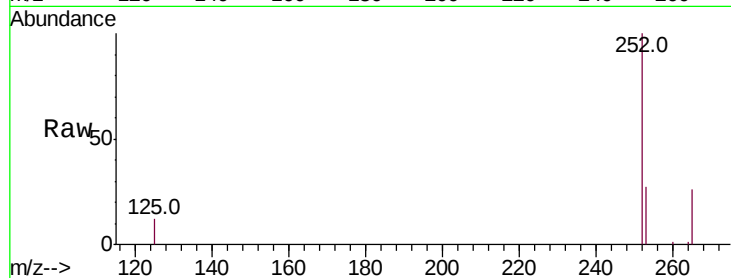
Tot Ion:252 Resp: 15705

Ion Ratio Lower Upper

252 100

253 26.6 22.4 33.6

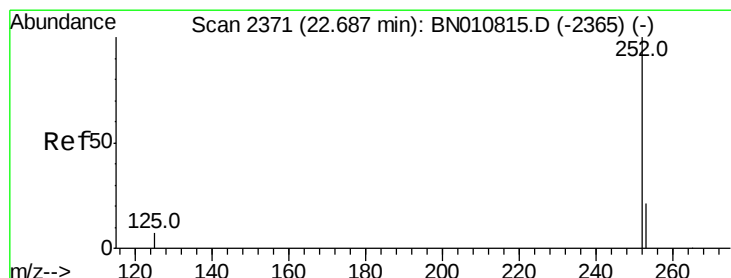
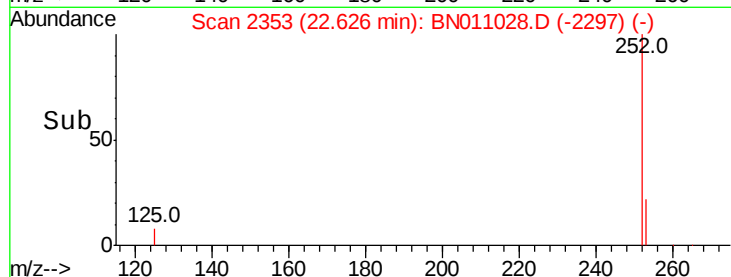
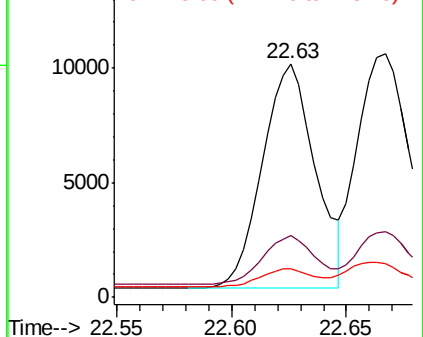
125 12.3 9.4 14.0



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



#36

Benzo(k)fluoranthene

Concen: 0.343 ng

RT: 22.67 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

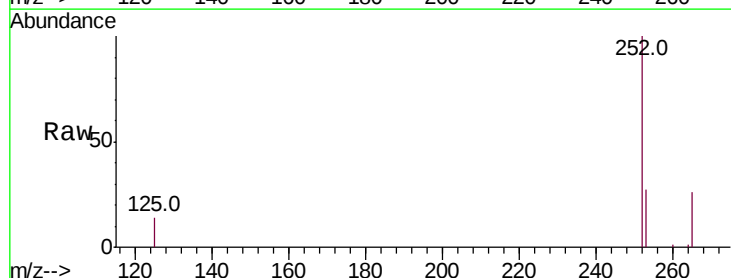
Tgt Ion:252 Resp: 17096

Ion Ratio Lower Upper

252 100

253 26.8 22.2 33.4

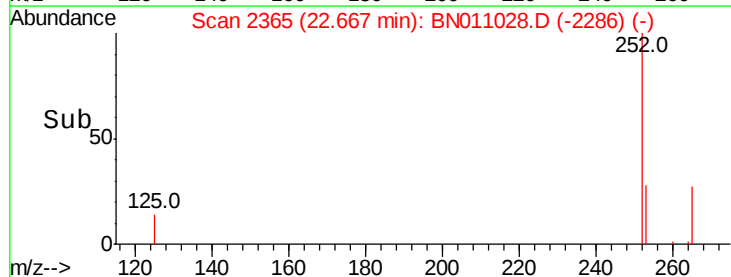
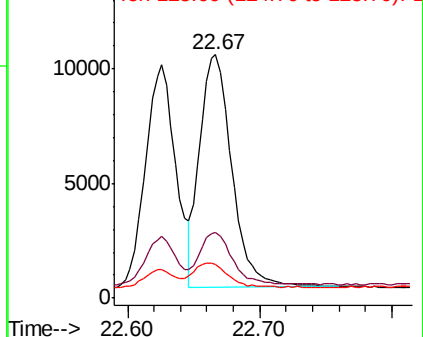
125 13.7 9.8 14.8



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





#37

Benzo(a)pyrene

Concen: 0.424 ng

RT: 23.16 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

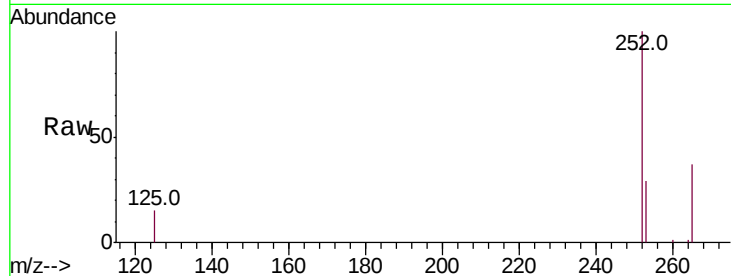
Tot Ion:252 Resp: 17031

Ion Ratio Lower Upper

252 100

253 28.8 25.8 38.8

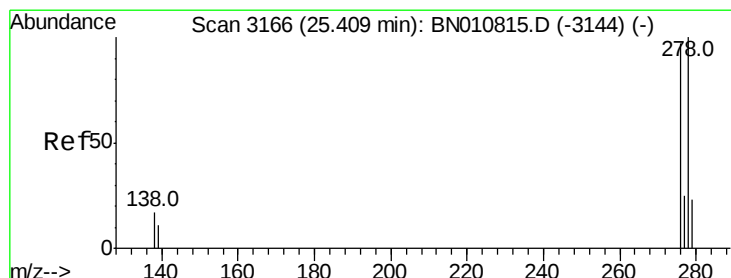
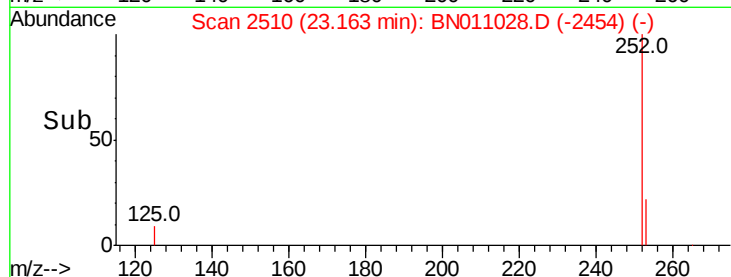
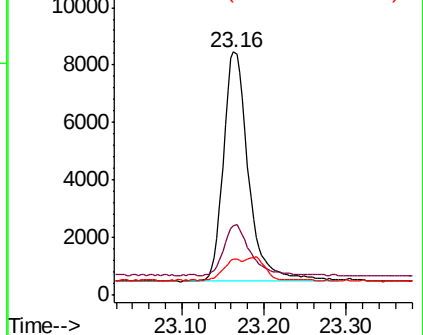
125 14.9 12.4 18.6



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

Dibenzo(a,h)anthracene

Concen: 0.344 ng

RT: 25.37 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

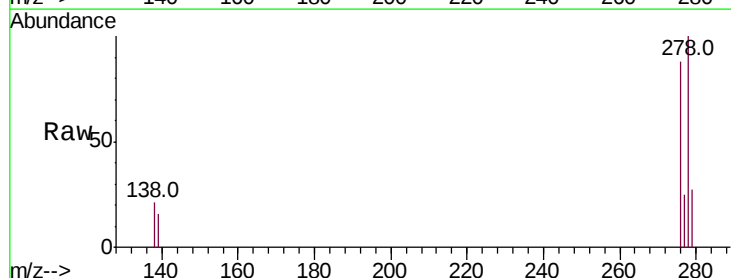
Tgt Ion:278 Resp: 15734

Ion Ratio Lower Upper

278 100

139 15.5 10.6 15.8

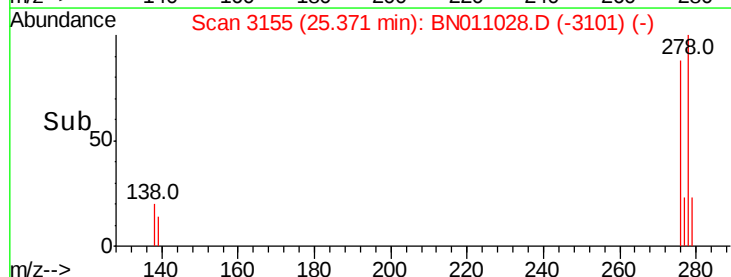
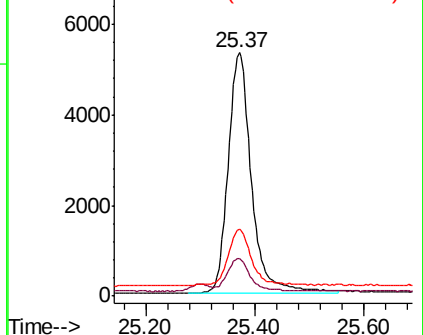
279 27.3 23.6 35.4



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





#39

Benzo(a,h,i)perylene

Concen: 0.328 ng

RT: 25.99 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BN011028.D

Acq: 23 Jun 2020 08:15

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

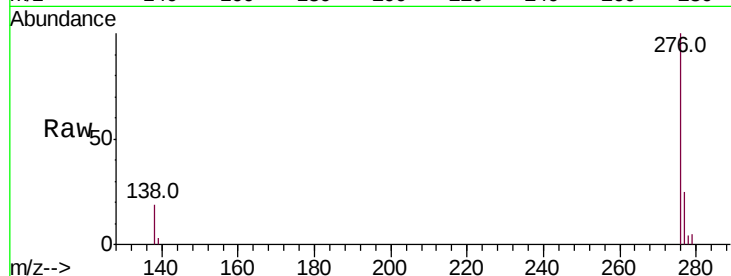
Tot Ion:276 Resp: 15721

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 19.0 13.7 20.5



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

