

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
 Data File : BN011696.D
 Acq On : 03 Sep 2020 14:08
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Sep 03 14:39:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 12:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2114	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7845	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4676	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	10233	0.40	ng	0.00
29) Chrysene-d12	21.32	240	9525	0.40	ng	0.00
36) Perylene-d12	23.58	264	10271	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2171	0.36	ng	0.00
5) Phenol-d6	6.90	99	2771	0.34	ng	0.00
8) Nitrobenzene-d5	8.88	82	2869	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	5074	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	797	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	7333	0.37	ng	0.00
27) Fluoranthene-d10	19.16	212	10990	0.33	ng	0.00
31) Terphenyl-d14	19.76	244	9538	0.40	ng	0.00

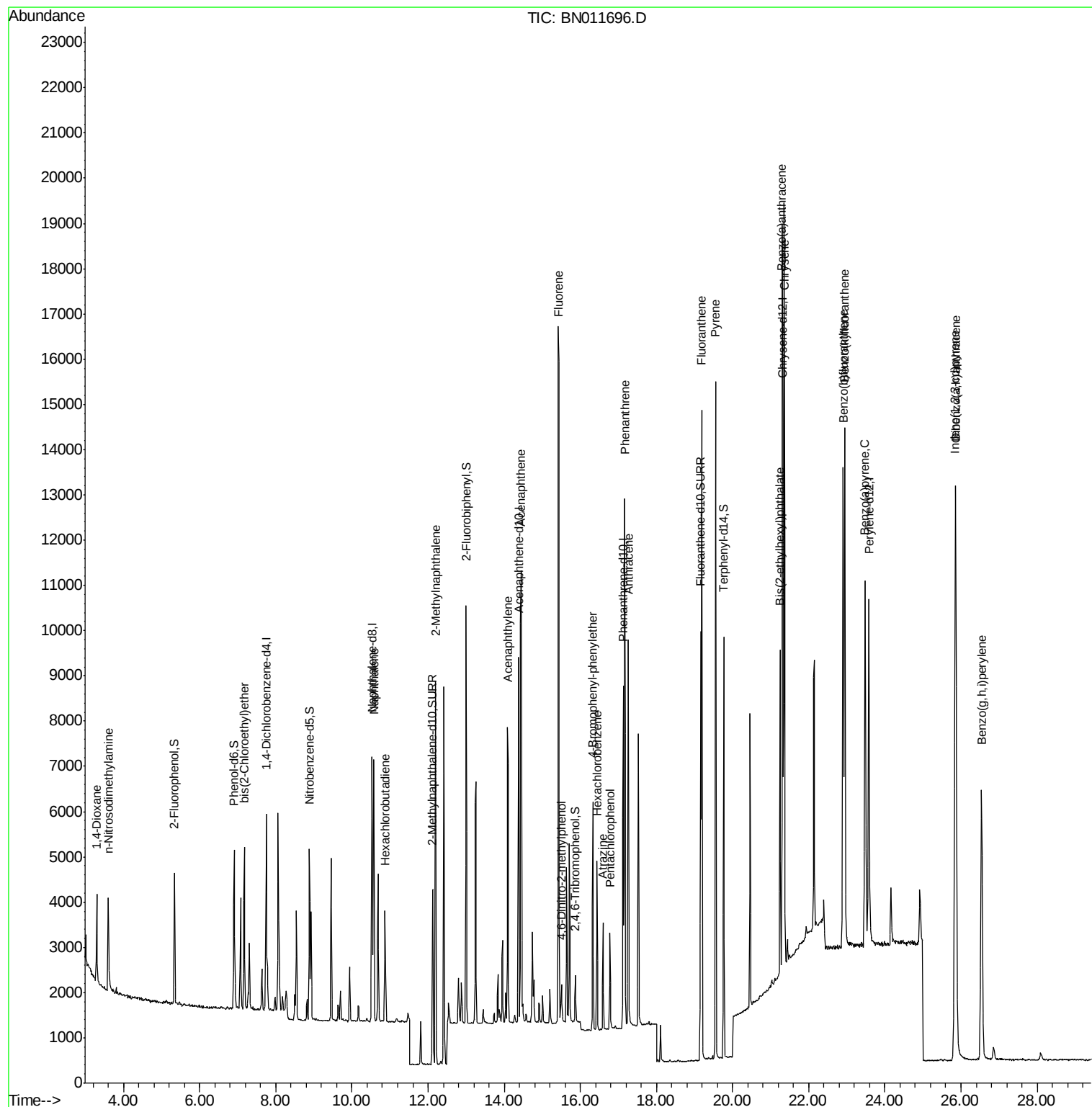
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1185	0.349	ng	95
3) n-Nitrosodimethylamine	3.59	42	1718	0.437	ng	89
6) bis(2-Chloroethyl)ether	7.17	93	2417	0.366	ng	99
9) Naphthalene	10.58	128	8129	0.362	ng	100
10) Hexachlorobutadiene	10.87	225	1899	0.385	ng	# 97
12) 2-Methylnaphthalene	12.19	142	5739	0.359	ng	98
16) Acenaphthylene	14.09	152	8003	0.352	ng	100
17) Acenaphthene	14.45	154	5797	0.369	ng	97
18) Fluorene	15.44	166	7191	0.357	ng	99
20) 4,6-Dinitro-2-methylphenol	15.50	198	649	0.411	ng	# 90
21) 4-Bromophenyl-phenylether	16.32	248	2243	0.374	ng	# 80
22) Hexachlorobenzene	16.43	284	2662	0.360	ng	97
23) Atrazine	16.59	200	1806	0.343	ng	95
24) Pentachlorophenol	16.77	266	989	0.336	ng	98
25) Phenanthrene	17.16	178	11734	0.355	ng	100
26) Anthracene	17.26	178	10119	0.345	ng	100
28) Fluoranthene	19.19	202	13286	0.339	ng	99
30) Pyrene	19.55	202	13303	0.402	ng	99
32) Benzo(a)anthracene	21.30	228	12423	0.365	ng	98
33) Chrysene	21.35	228	13323	0.380	ng	99
34) Bis(2-ethylhexyl)phthalate	21.25	149	5535	0.400	ng	99
35) Indeno(1,2,3-cd)pyrene	25.85	276	16662	0.364	ng	99
37) Benzo(b)fluoranthene	22.90	252	13688	0.348	ng	98
38) Benzo(k)fluoranthene	22.95	252	14784	0.367	ng	98
39) Benzo(a)pyrene	23.48	252	12215	0.347	ng	# 95
40) Dibenzo(a,h)anthracene	25.86	278	13738	0.346	ng	97
41) Benzo(g,h,i)perylene	26.54	276	13085	0.336	ng	98

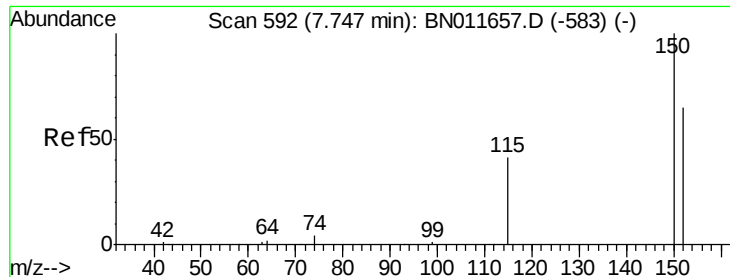
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
Data File : BN011696.D
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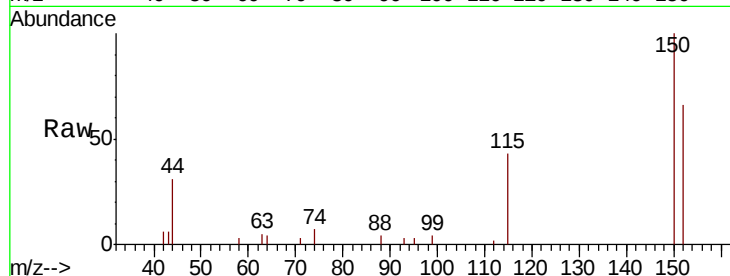


#1

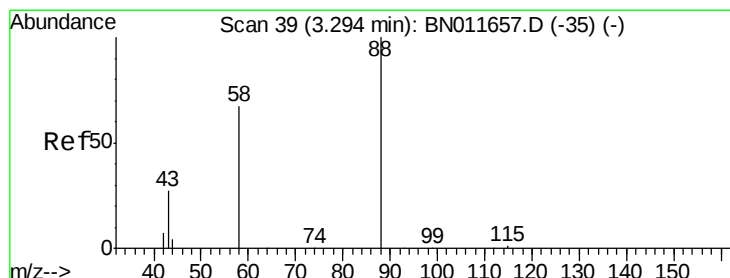
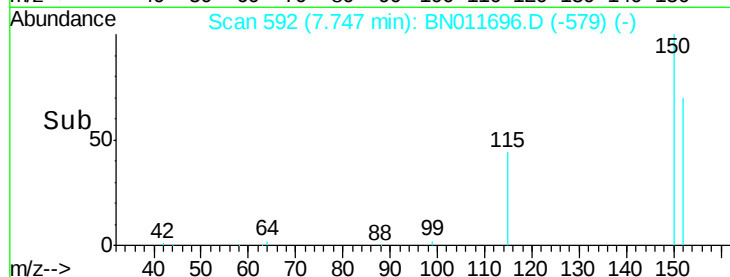
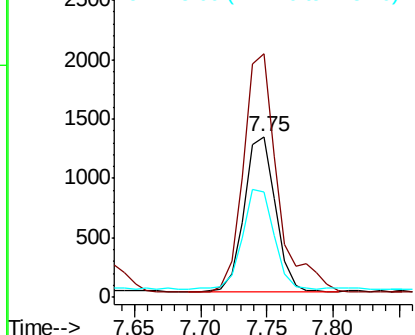
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.01 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2114
Ion Ratio Lower Upper
152 100
150 151.4 121.0 181.6
115 65.6 52.6 78.8



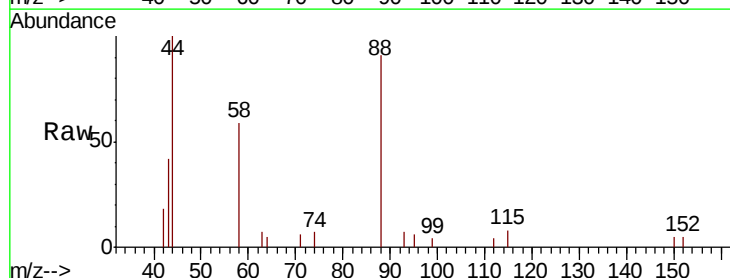
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



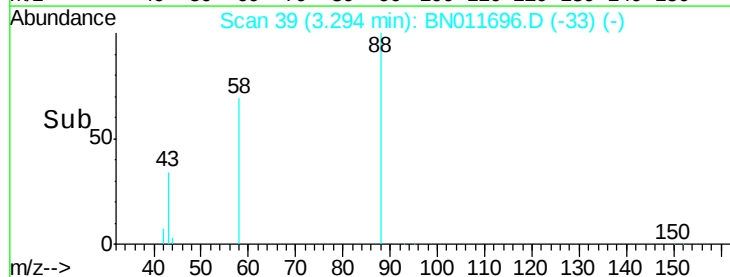
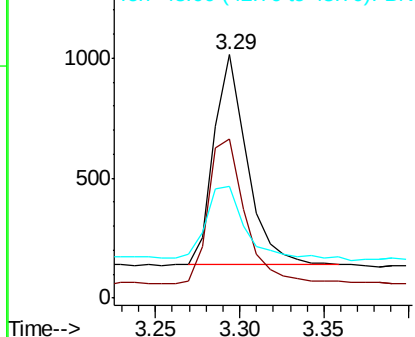
#2

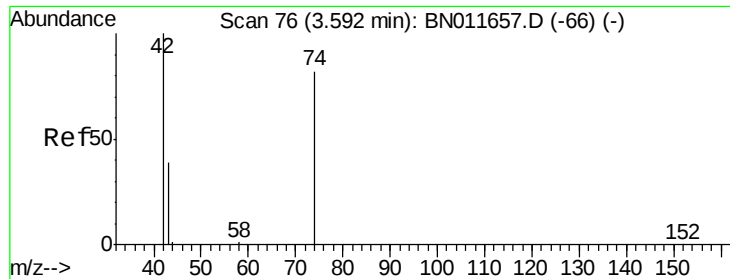
1,4-Dioxane
Concen: 0.349 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

Tgt Ion: 88 Resp: 1185
Ion Ratio Lower Upper
88 100
58 78.4 61.4 92.0
43 43.3 29.8 44.8



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: 0.437 ng

RT: 3.59 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

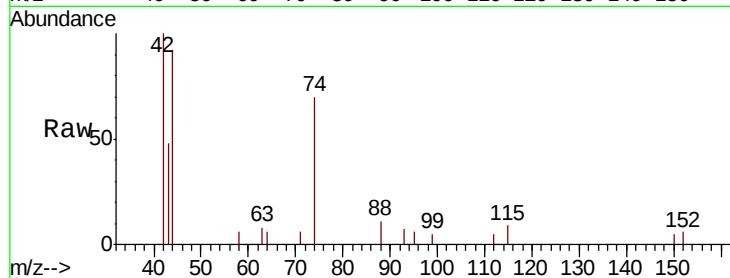
Tot Ion: 42 Resp: 1718

Ion Ratio Lower Upper

42 100

74 87.1 79.0 118.6

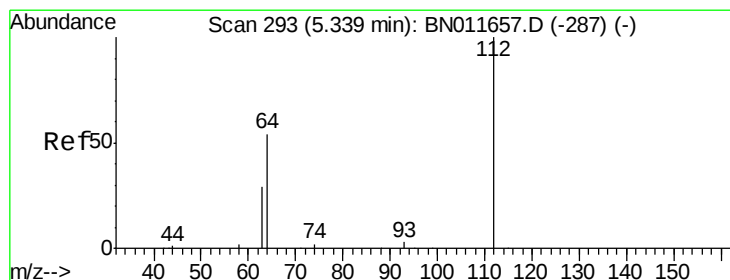
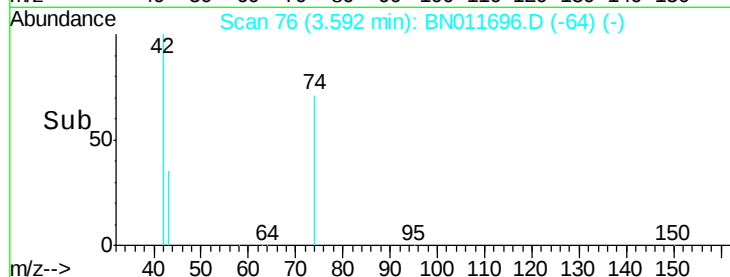
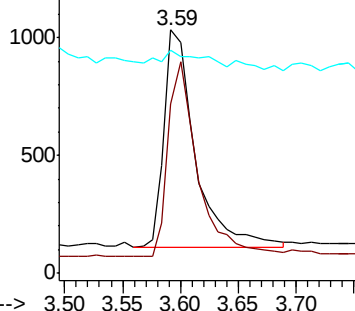
44 8.8 8.1 12.1



Abundance Ion 42.00 (41.70 to 42.70): BN011657.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BN011657.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BN011657.D (-66) (-)



#4

2-Fluorophenol

Concen: 0.363 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

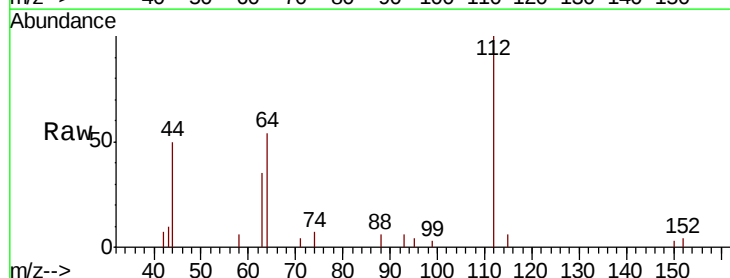
Tgt Ion: 112 Resp: 2171

Ion Ratio Lower Upper

112 100

64 62.7 49.7 74.5

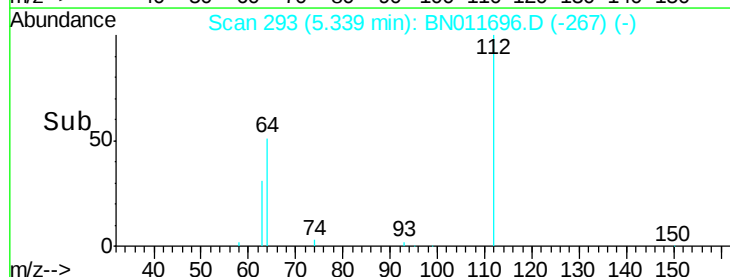
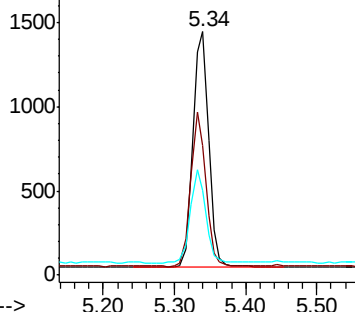
63 39.3 29.4 44.0

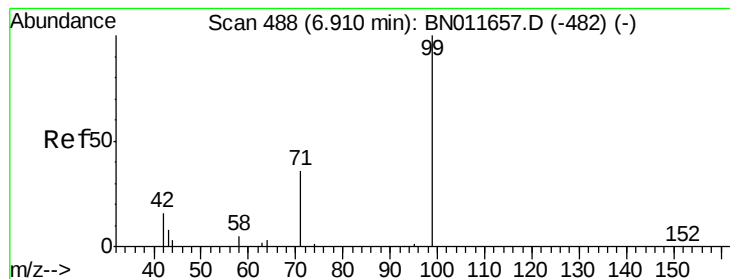


Abundance Ion 112.00 (111.70 to 112.70): BN011657.D (-287) (-)

Ion 64.00 (63.70 to 64.70): BN011657.D (-287) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-287) (-)





#5

Phenol-d6

Concen: 0.341 ng

RT: 6.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

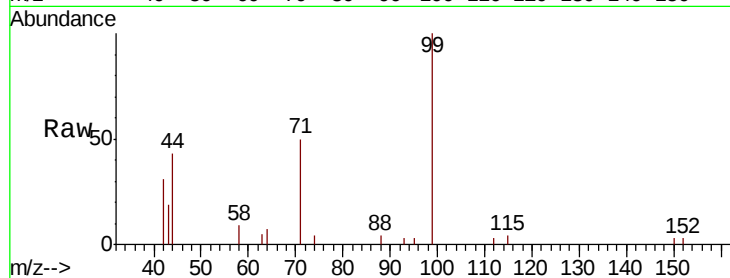
Tot Ion: 99 Resp: 2771

Ion Ratio Lower Upper

99 100

42 29.2 20.2 30.2

71 46.4 33.3 49.9

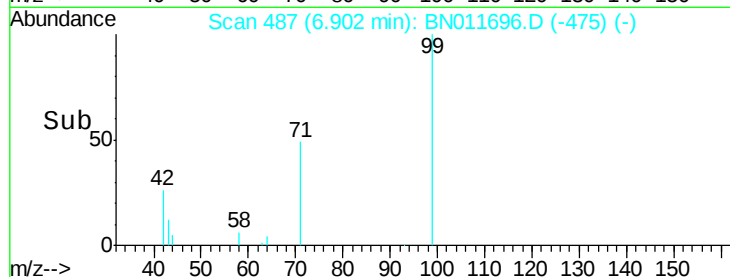


Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)

Time--> 6.80 6.85 6.90 6.95 7.00

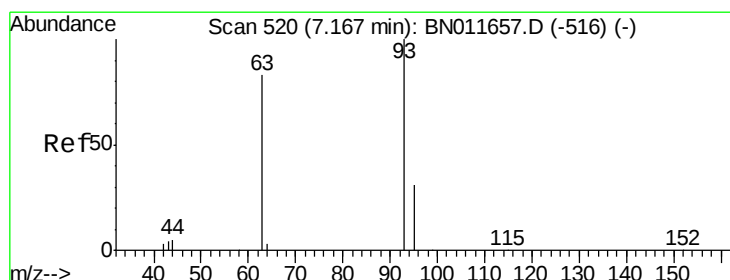


Abundance Ion 99.00 (98.70 to 99.70): BN011696.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011696.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011696.D (-475) (-)

Time--> 6.80 6.85 6.90 6.95 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 7.17 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

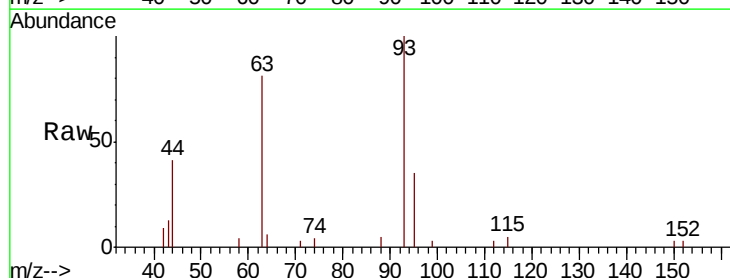
Tgt Ion: 93 Resp: 2417

Ion Ratio Lower Upper

93 100

63 77.6 62.2 93.4

95 32.2 26.6 39.8

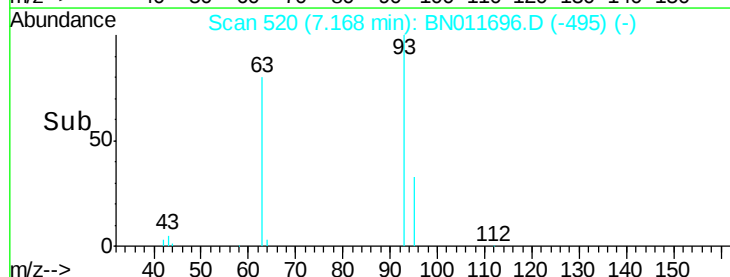


Abundance Ion 93.00 (92.70 to 93.70): BN011657.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN011657.D (-516) (-)

Time--> 7.10 7.20 7.30

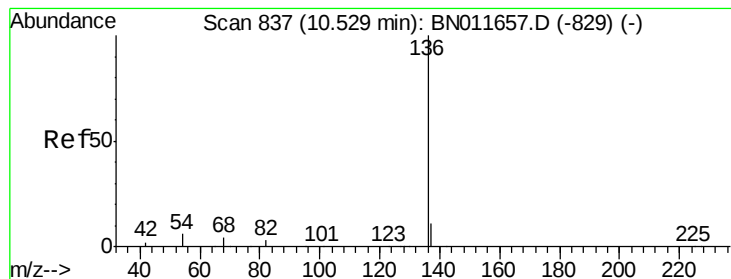


Abundance Ion 93.00 (92.70 to 93.70): BN011696.D (-495) (-)

Ion 63.00 (62.70 to 63.70): BN011696.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN011696.D (-495) (-)

Time--> 7.10 7.20 7.30



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 7845

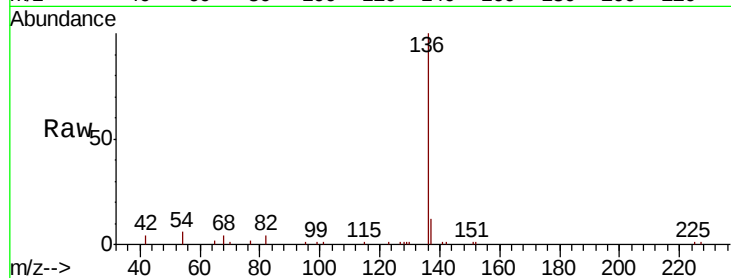
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 6.0 5.8 8.8

68 4.1 4.1 6.1

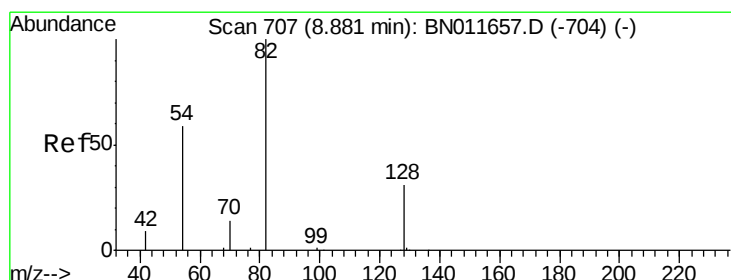
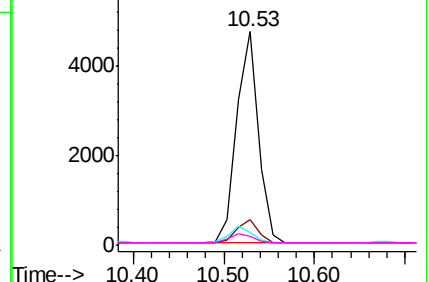
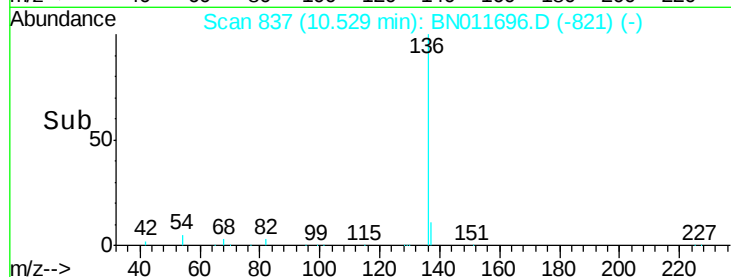


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

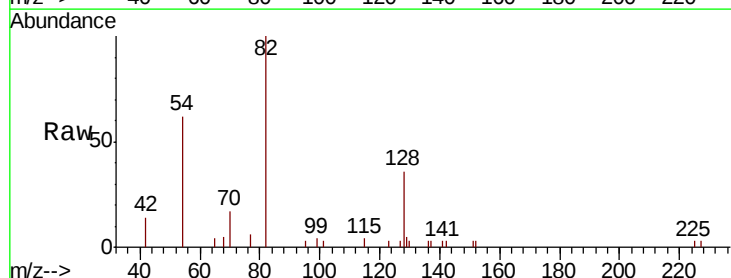
Tgt Ion: 82 Resp: 2869

Ion Ratio Lower Upper

82 100

128 35.7 26.2 39.2

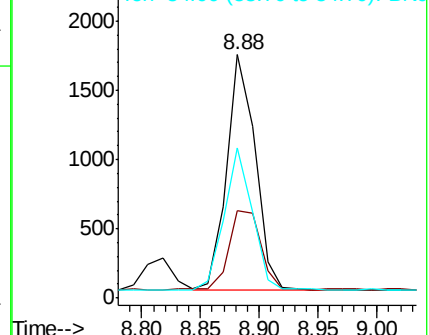
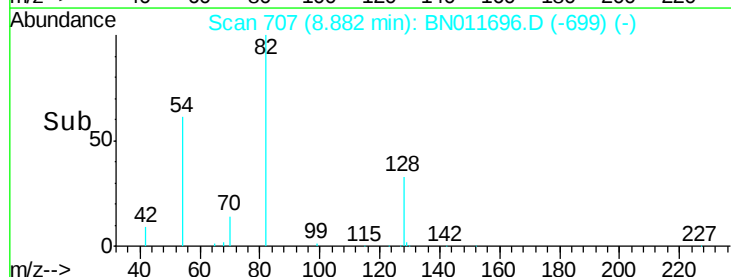
54 61.9 48.2 72.4

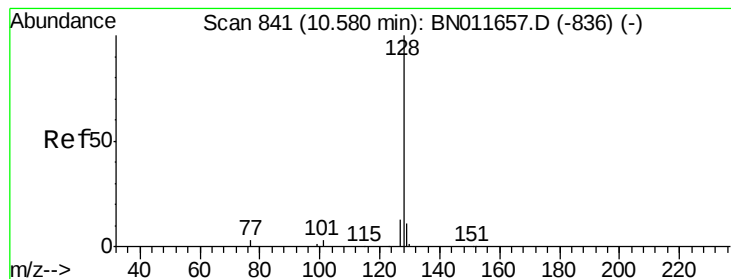


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.362 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

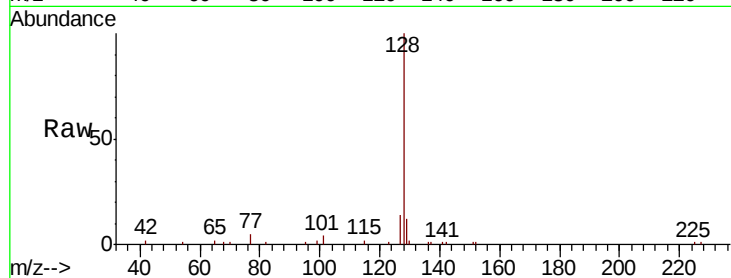
Tot Ion:128 Resp: 8129

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.2

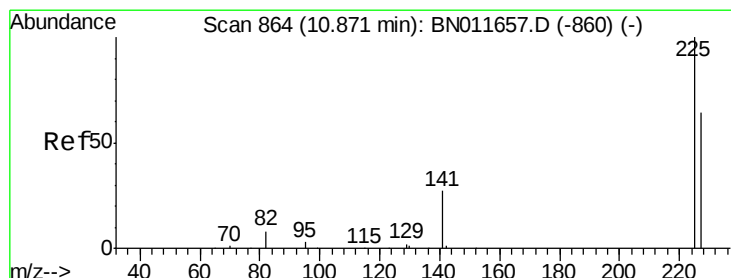
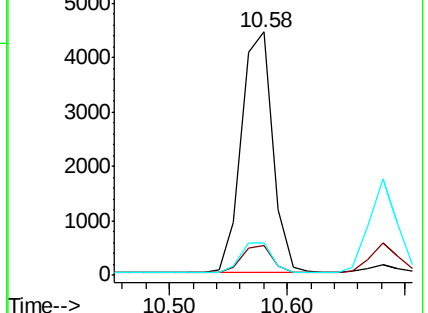
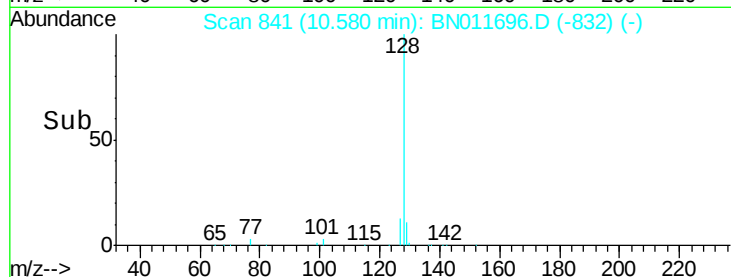
127 13.6 10.8 16.2



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: 0.385 ng

RT: 10.87 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

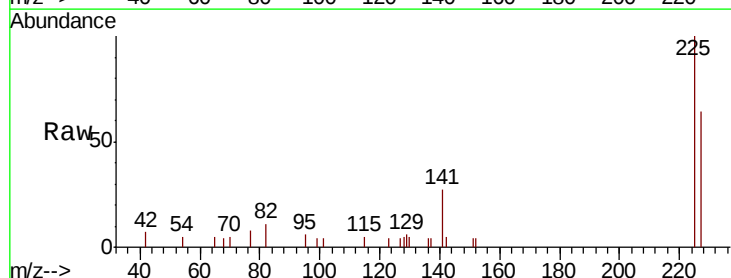
Tgt Ion:225 Resp: 1899

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

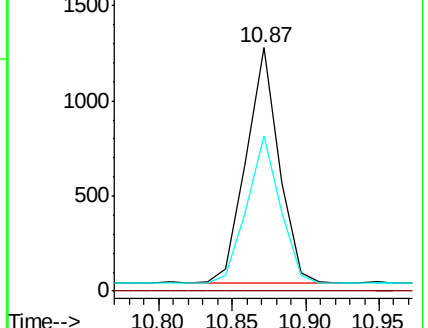
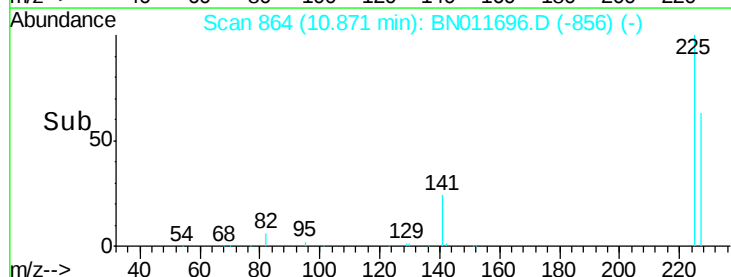
227 63.2 52.6 78.8

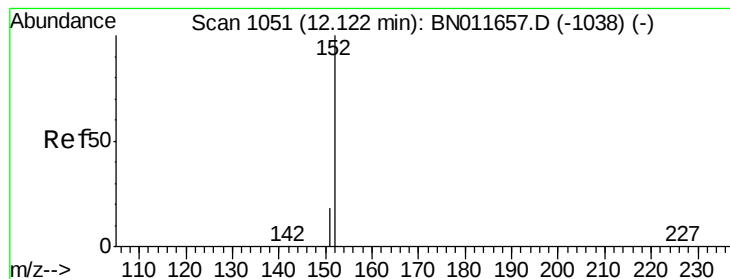


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.12 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

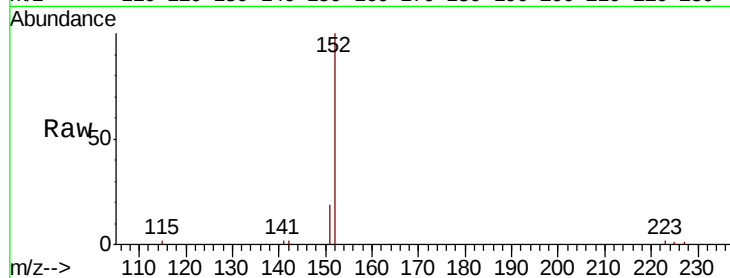
SSTDCCC0.4EC

Tot Ion:152 Resp: 5074

Ion Ratio Lower Upper

152 100

151 20.7 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.12

3000

2000

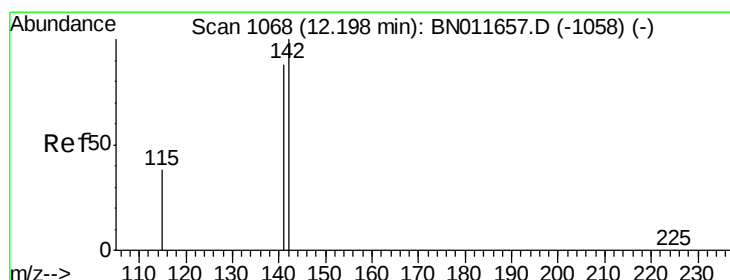
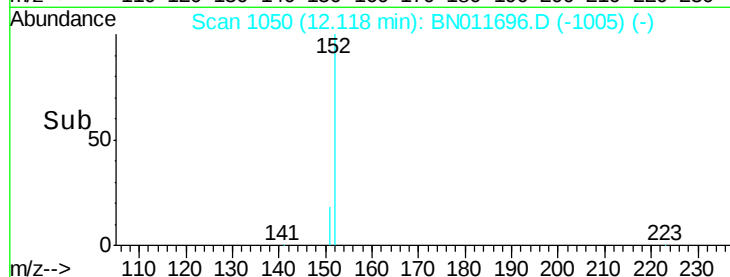
1000

0

Time-->

12.10

12.20



#12

2-Methylnaphthalene

Concen: 0.359 ng

RT: 12.19 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

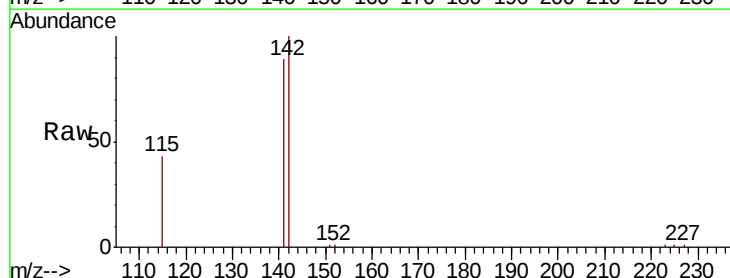
Tgt Ion:142 Resp: 5739

Ion Ratio Lower Upper

142 100

141 89.0 70.6 106.0

115 43.0 31.3 46.9



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

5000

4000

3000

2000

1000

0

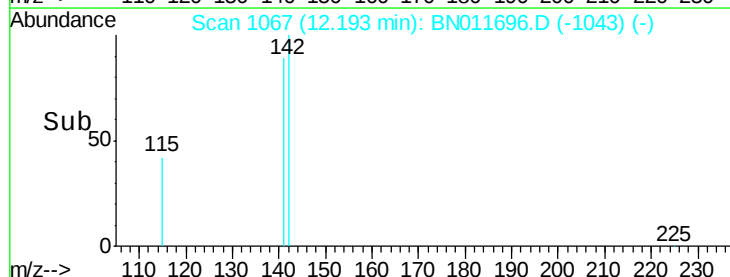
Time-->

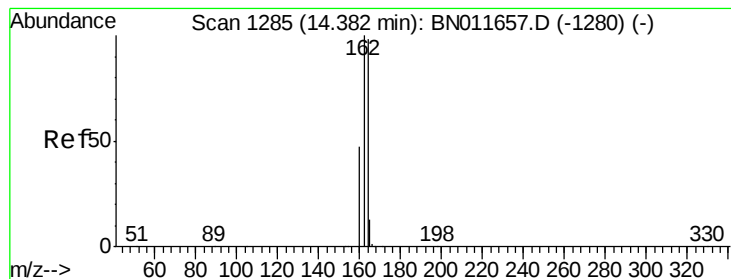
12.10

12.15

12.20

12.25





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

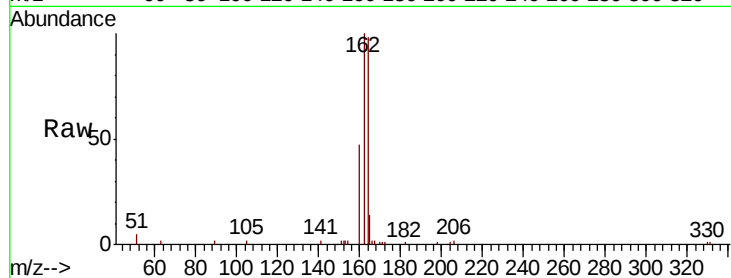
Tot Ion:164 Resp: 4676

Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.0

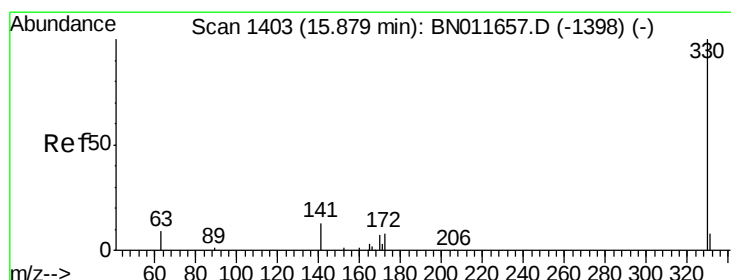
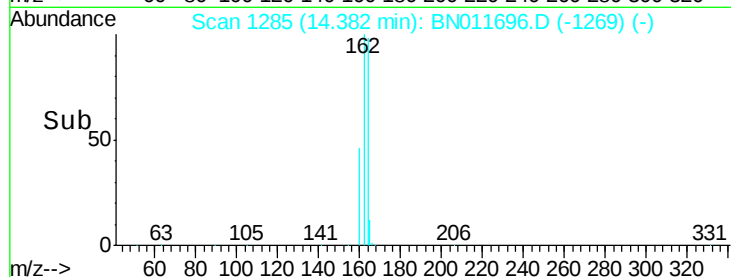
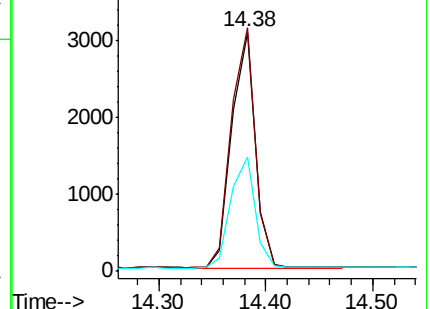
160 47.7 38.5 57.7



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: 0.351 ng

RT: 15.87 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

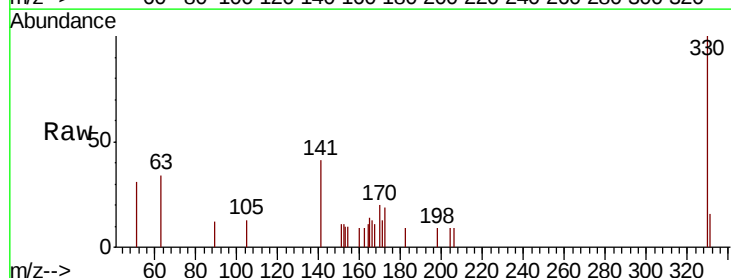
Tgt Ion:330 Resp: 797

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

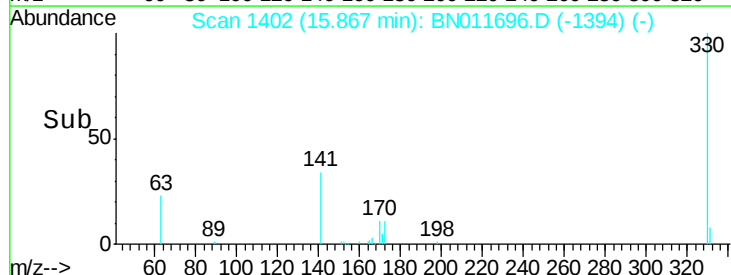
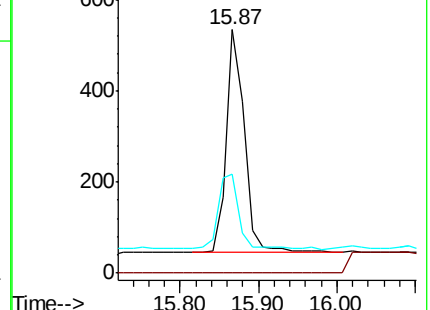
141 37.5 29.8 44.8

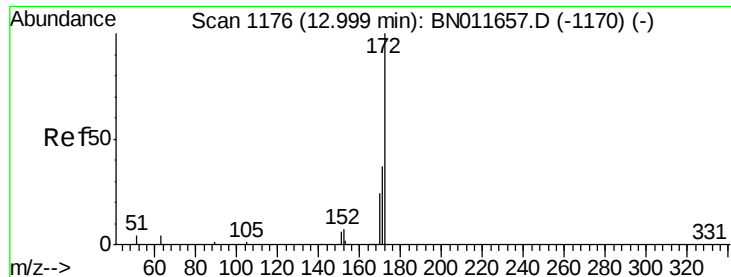


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

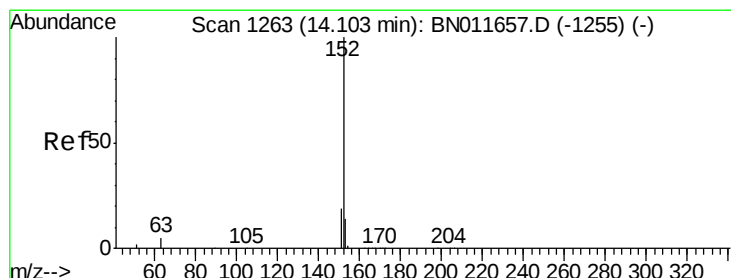
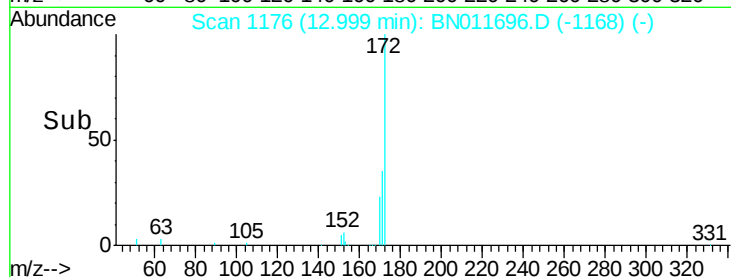
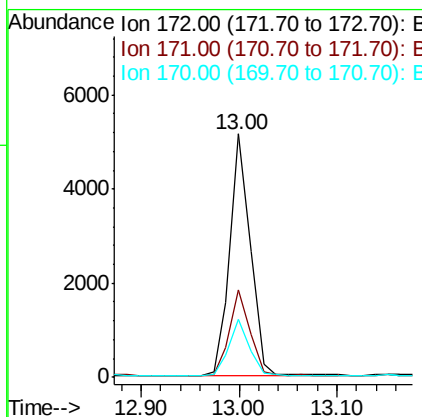
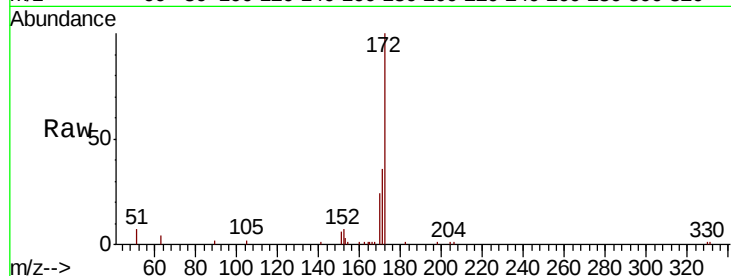




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

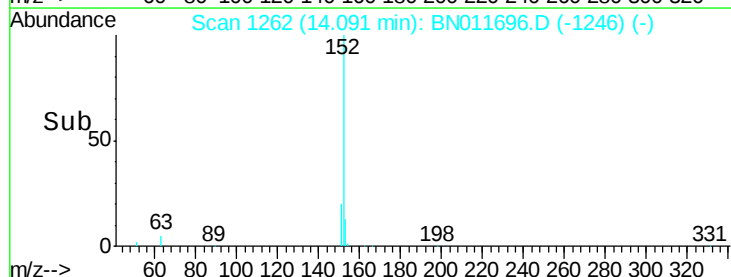
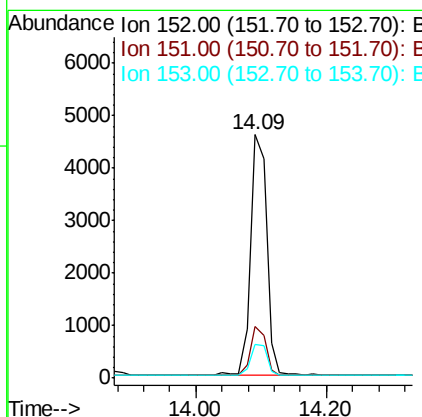
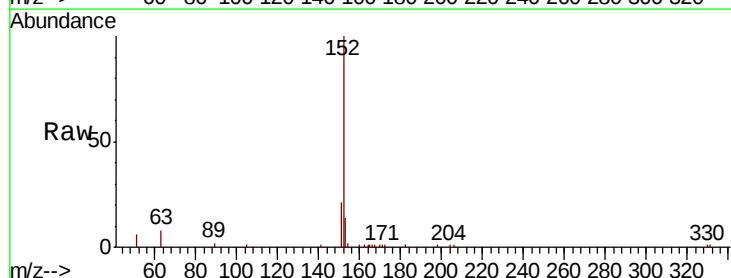
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

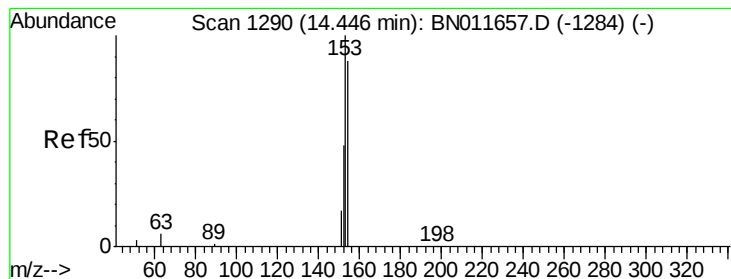
Tot Ion:172 Resp: 7333
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 23.9 20.1 30.1



#16
Acenaphthylene
Concen: 0.352 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

Tgt Ion:152 Resp: 8003
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.45 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

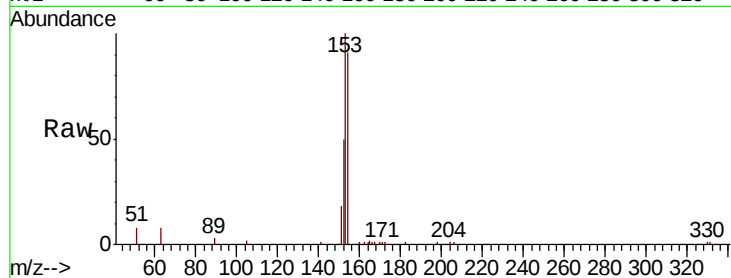
Tot Ion:154 Resp: 5797

Ion Ratio Lower Upper

154 100

153 107.4 89.2 133.8

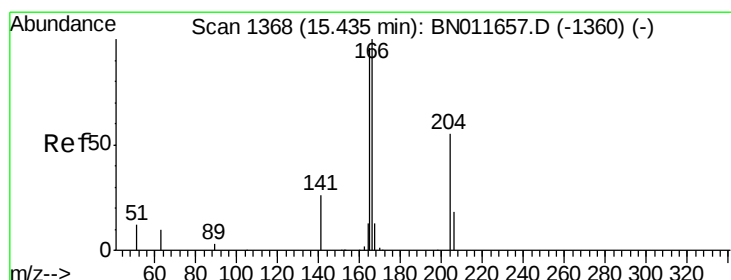
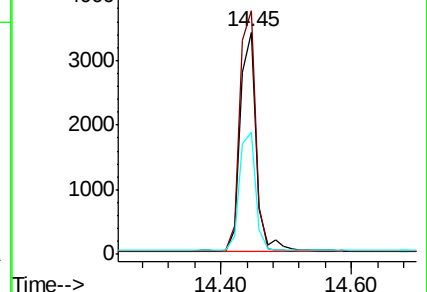
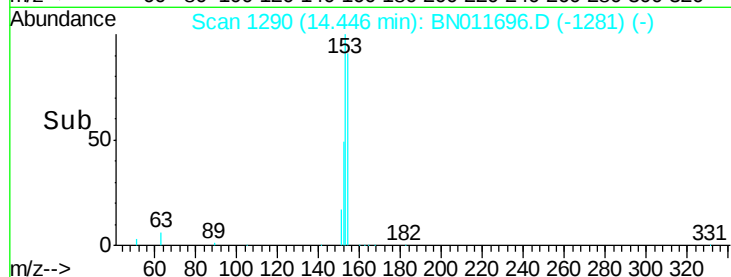
152 53.7 44.1 66.1



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: 0.357 ng

RT: 15.44 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

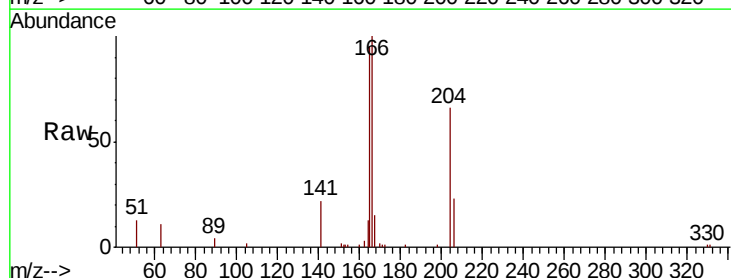
Tgt Ion:166 Resp: 7191

Ion Ratio Lower Upper

166 100

165 98.1 77.7 116.5

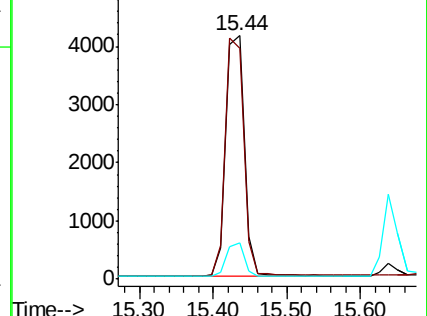
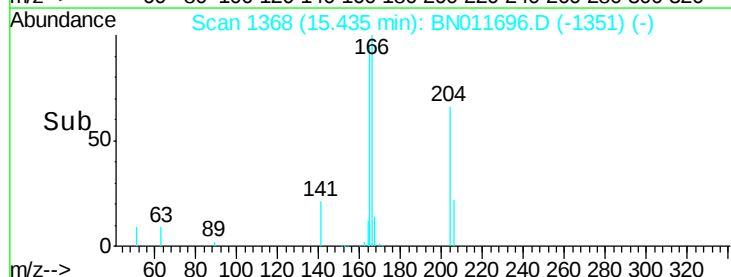
167 13.4 11.0 16.4

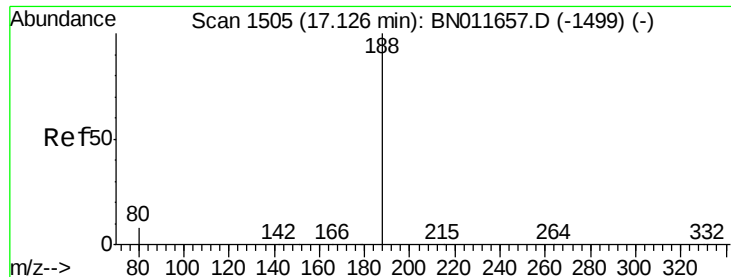


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

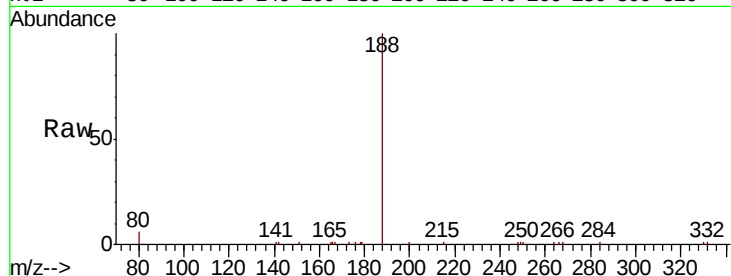
Tot Ion:188 Resp: 10233

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

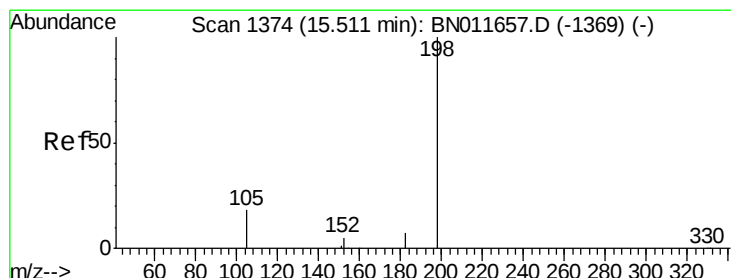
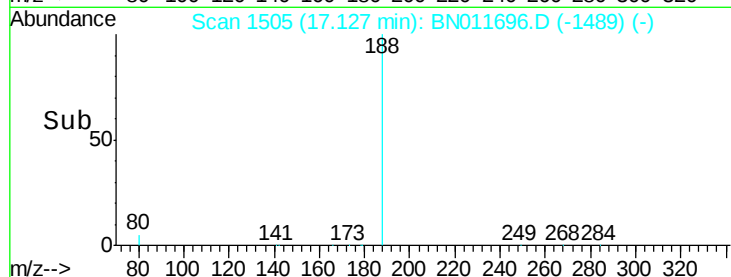
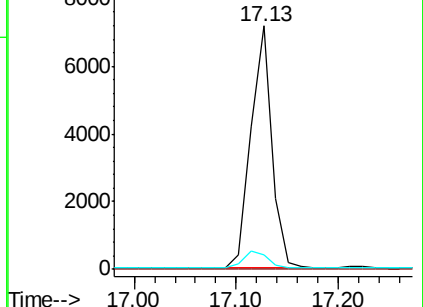
80 6.0 6.6 9.8#



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: 0.411 ng

RT: 15.50 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

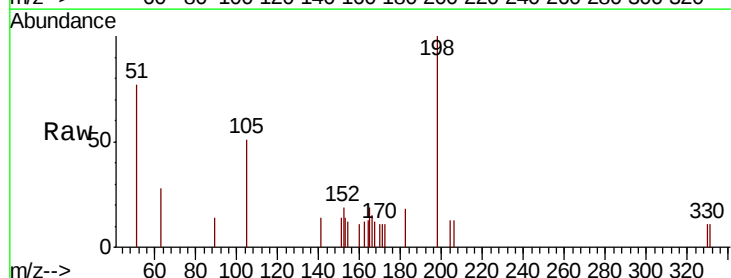
Tgt Ion:198 Resp: 649

Ion Ratio Lower Upper

198 100

51 76.9 58.6 87.8

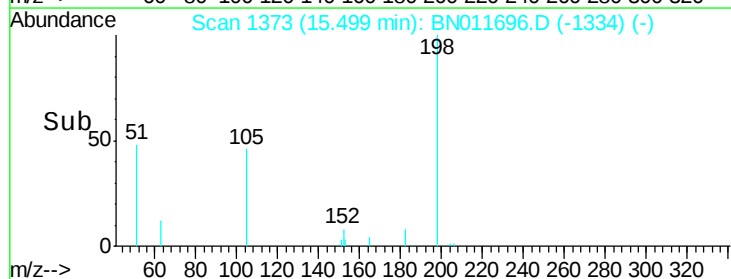
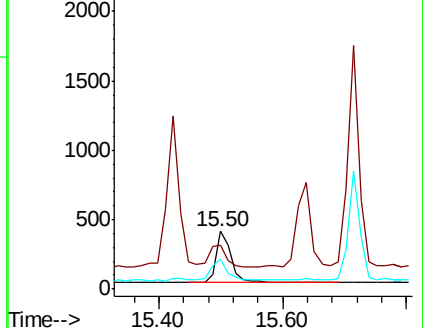
105 51.3 31.7 47.5#

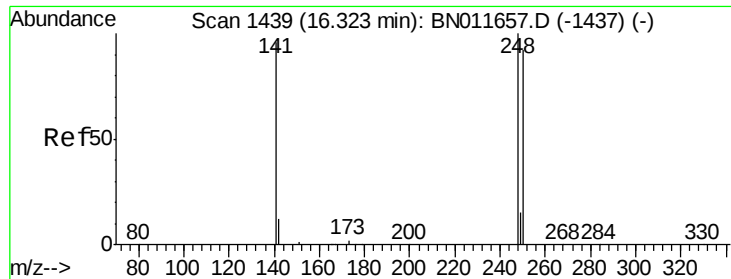


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

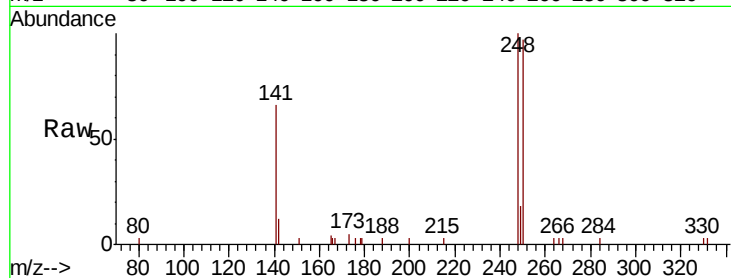




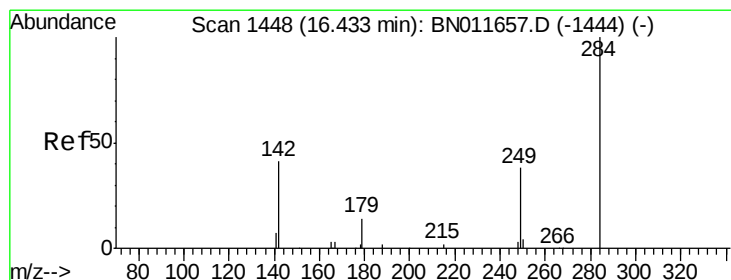
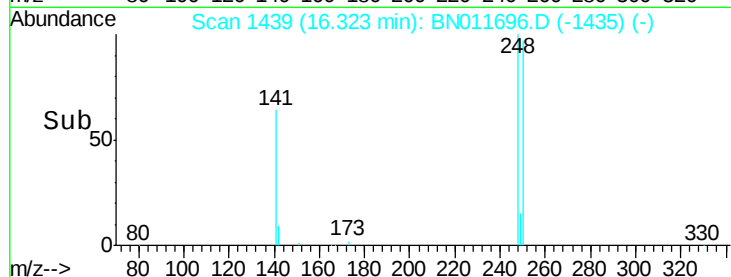
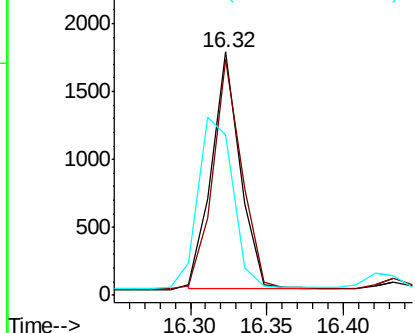
#21
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 2243
Ion Ratio Lower Upper
248 100
250 97.1 73.9 110.9
141 65.7 79.8 119.6#

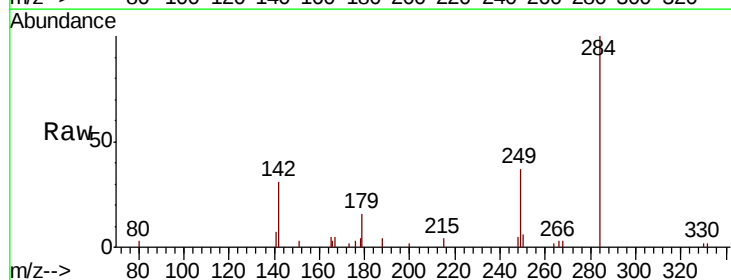


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

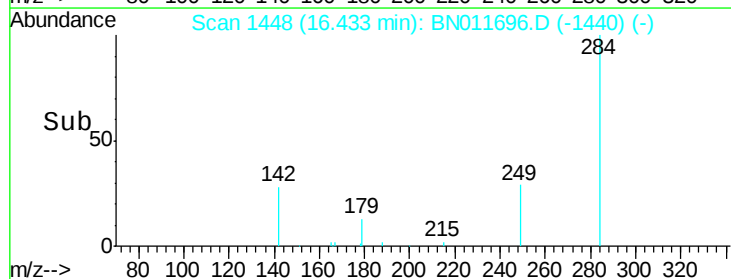
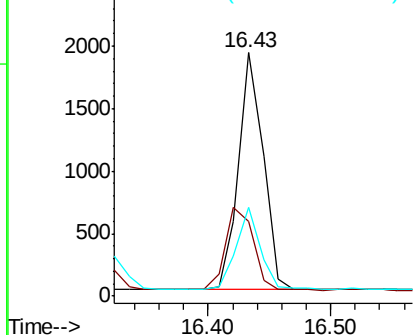


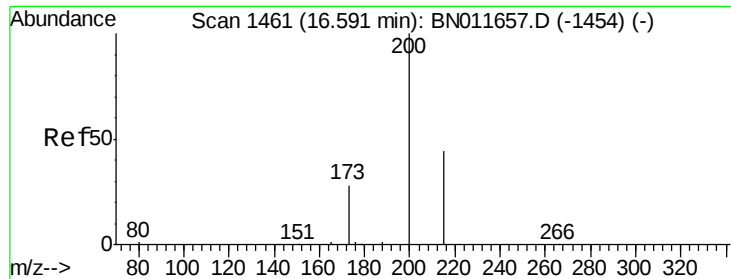
#22
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

Tgt Ion:284 Resp: 2662
Ion Ratio Lower Upper
284 100
142 39.3 29.0 43.4
249 32.5 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

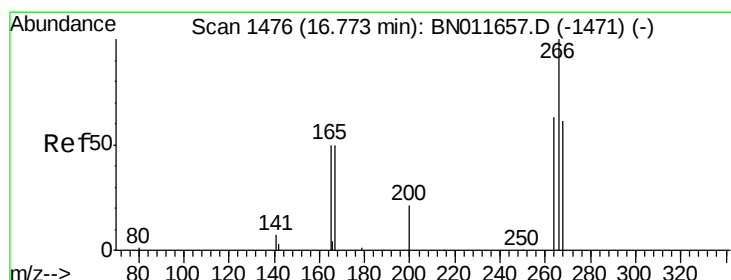
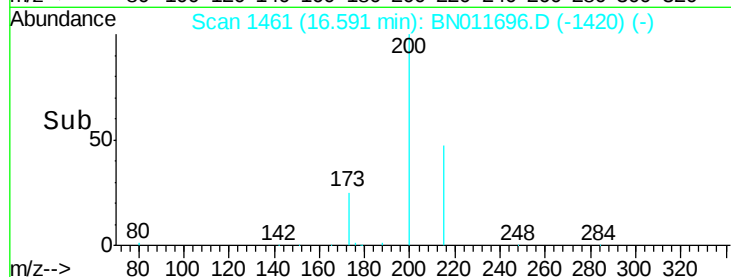
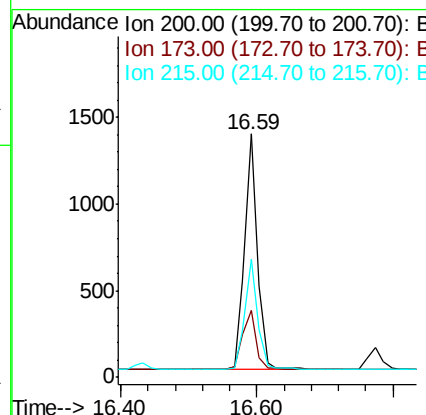
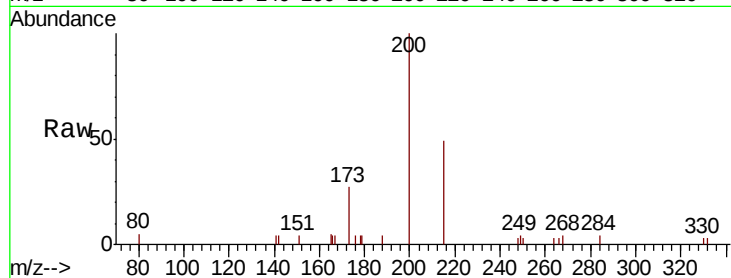




#23
Atrazine
Concen: 0.343 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

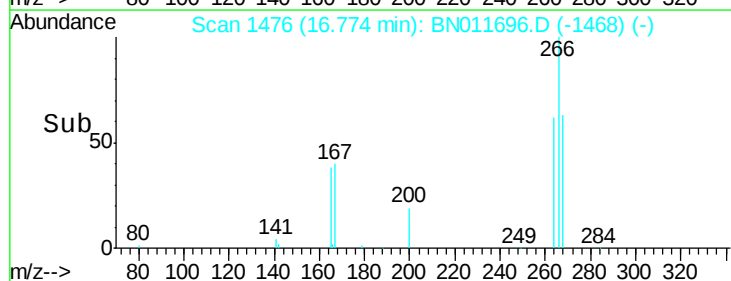
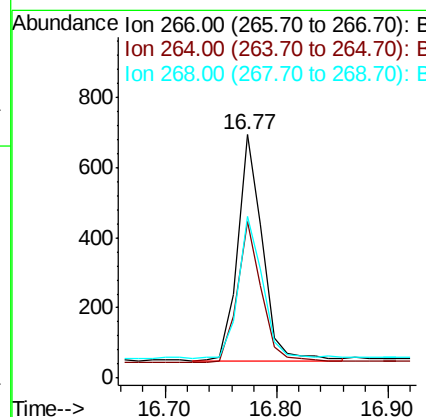
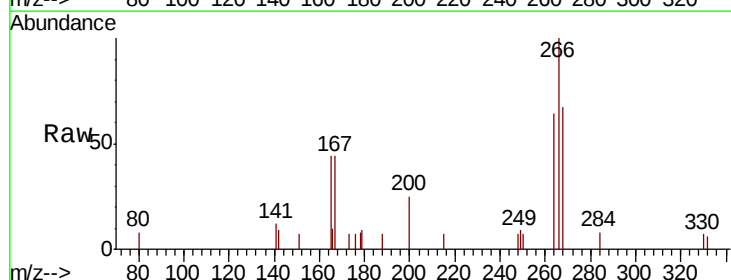
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

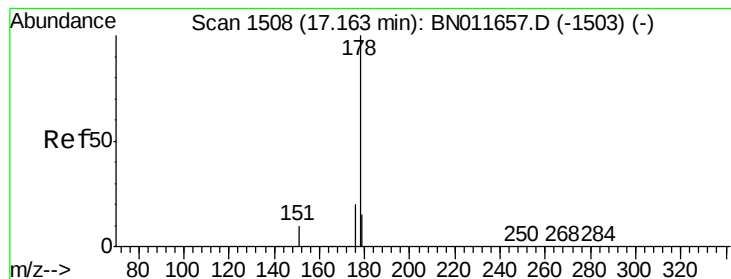
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	24.3	36.5
215	48.5	36.4	54.6



#24
Pentachlorophenol
Concen: 0.336 ng
RT: 16.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.5	74.3
268	64.0	53.0	79.4





#25

Phenanthrene

Concen: 0.355 ng

RT: 17.16 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

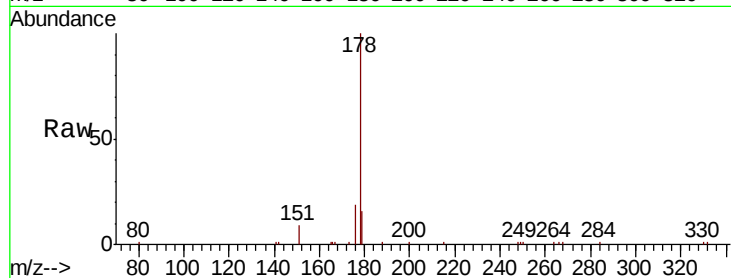
Tot Ion:178 Resp: 11734

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

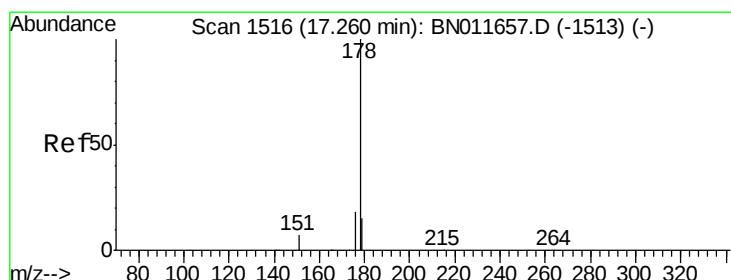
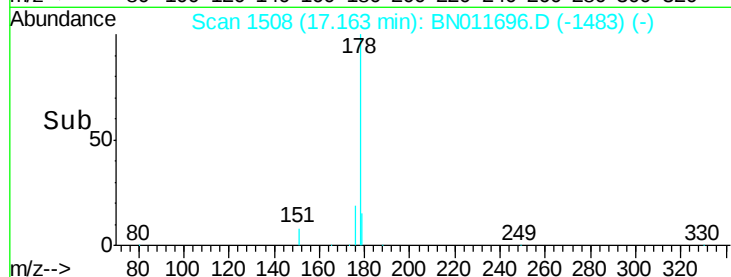
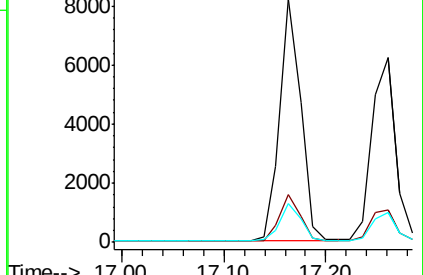
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.345 ng

RT: 17.26 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

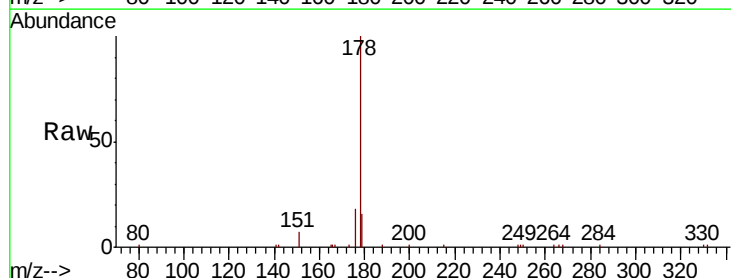
Tgt Ion:178 Resp: 10119

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

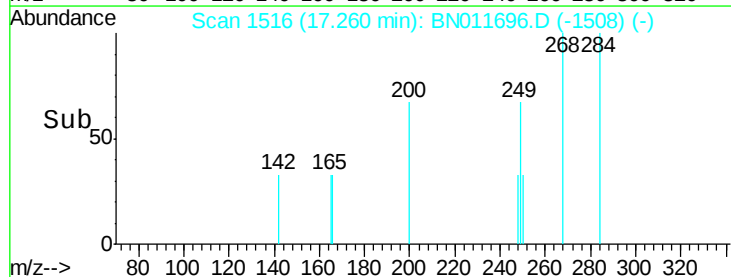
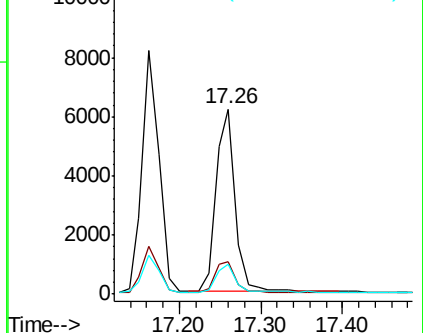
179 15.5 12.2 18.4

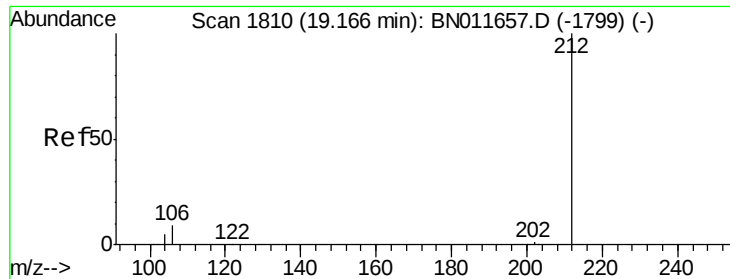


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.335 ng

RT: 19.16 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

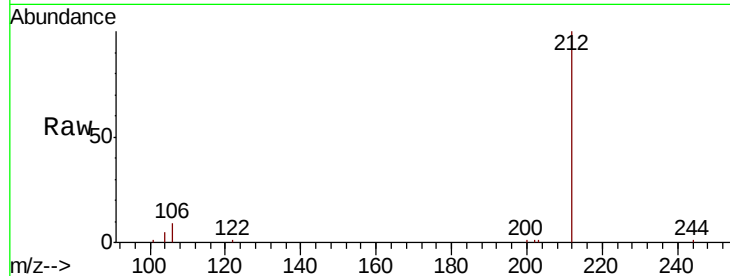
Tot Ion:212 Resp: 10990

Ion Ratio Lower Upper

212 100

106 8.8 7.6 11.4

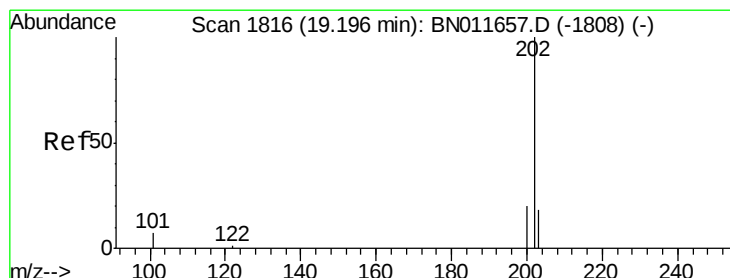
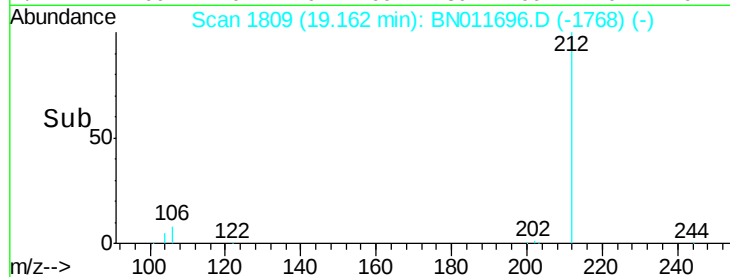
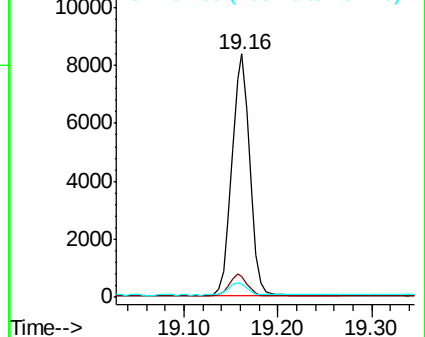
104 5.3 4.6 6.8



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: 0.339 ng

RT: 19.19 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

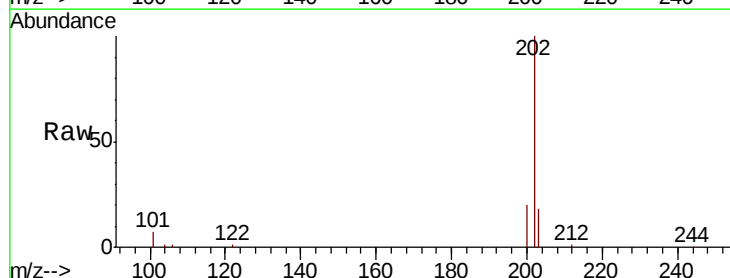
Tgt Ion:202 Resp: 13286

Ion Ratio Lower Upper

202 100

101 7.3 6.5 9.7

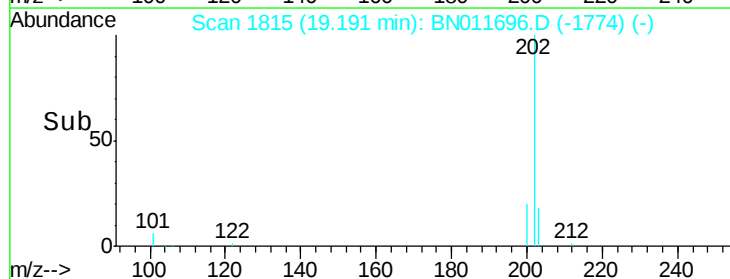
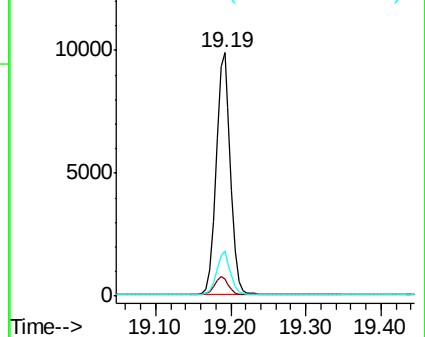
203 17.1 13.8 20.6

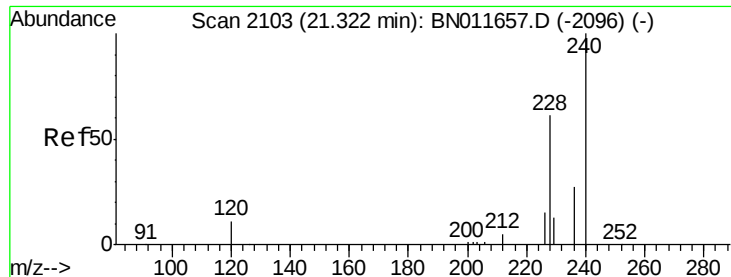


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

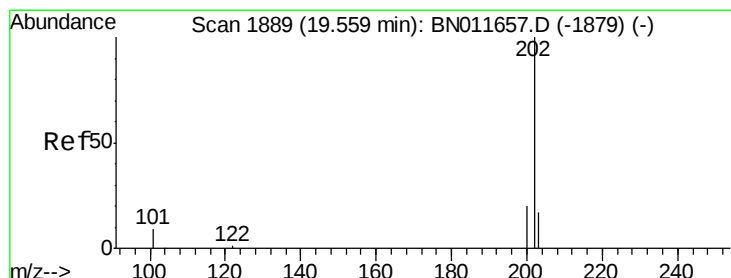
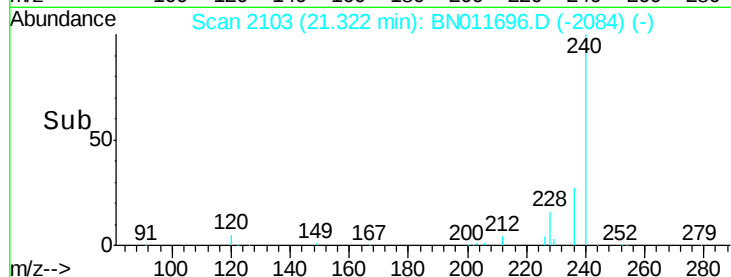
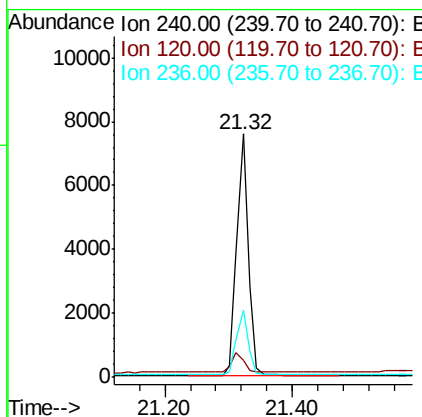
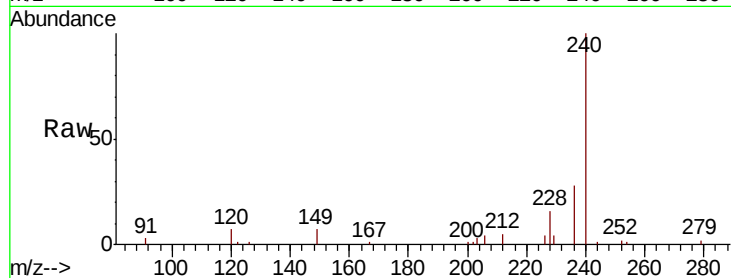




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

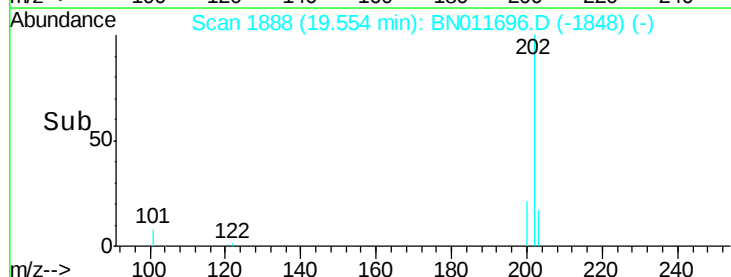
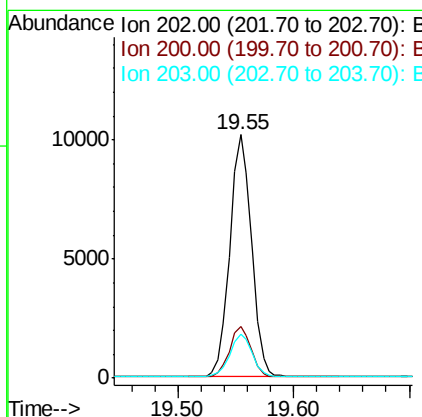
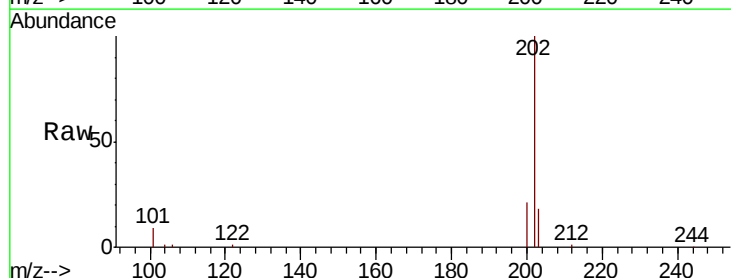
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

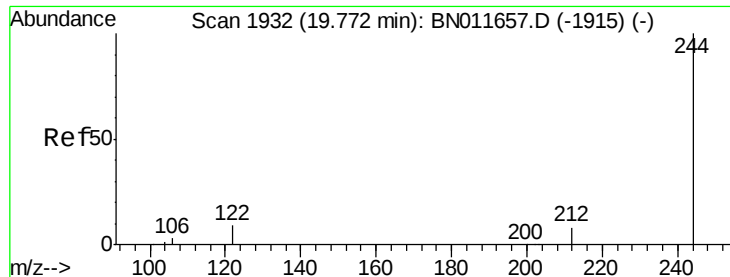
Tot Ion:240 Resp: 9525
Ion Ratio Lower Upper
240 100
120 6.8 9.9 14.9#
236 27.5 22.2 33.4



#30
Pyrene
Concen: 0.402 ng
RT: 19.55 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

Tgt Ion:202 Resp: 13303
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 17.9 14.1 21.1





#31

Terphenyl-d14

Concen: 0.404 ng

RT: 19.76 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

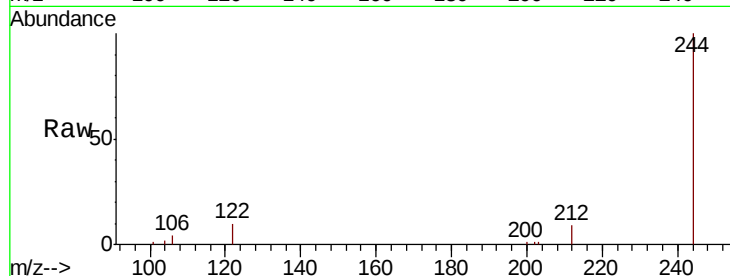
Tot Ion:244 Resp: 9538

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

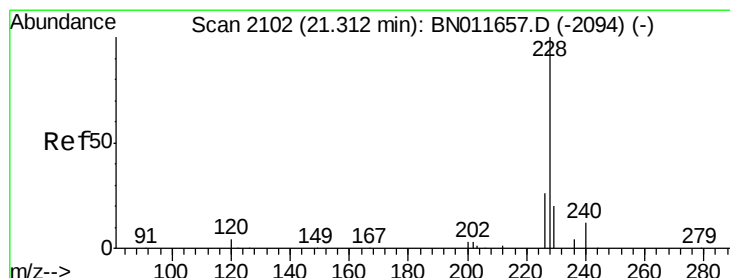
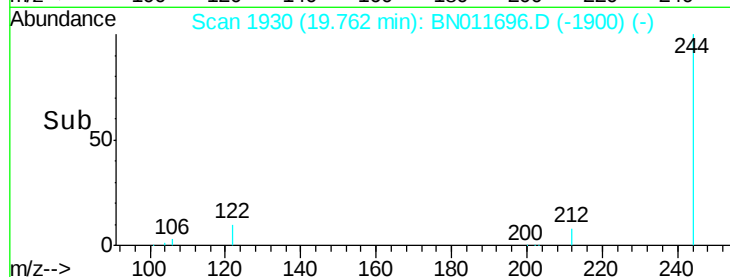
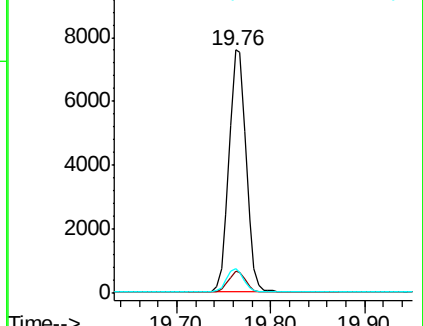
122 10.2 7.4 11.2



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: 0.365 ng

RT: 21.30 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

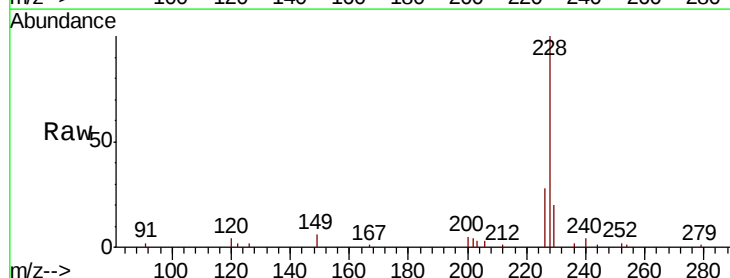
Tgt Ion:228 Resp: 12423

Ion Ratio Lower Upper

228 100

226 28.0 21.2 31.8

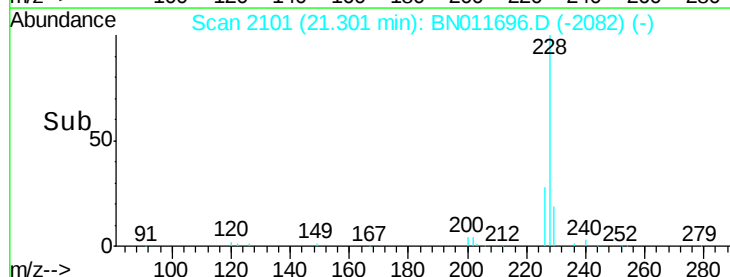
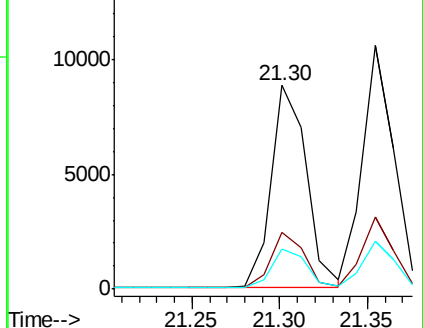
229 19.8 16.0 24.0

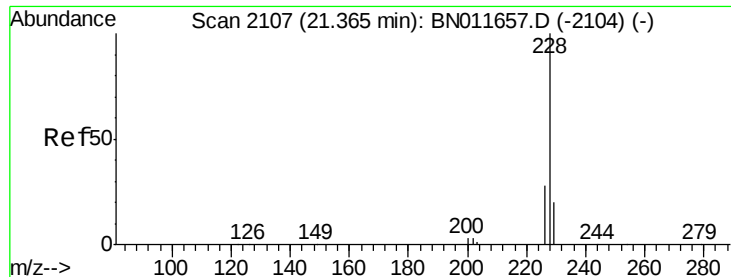


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

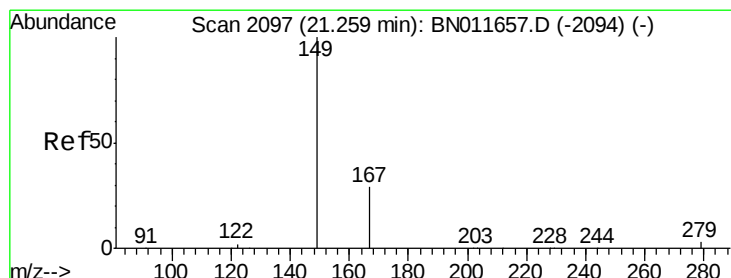
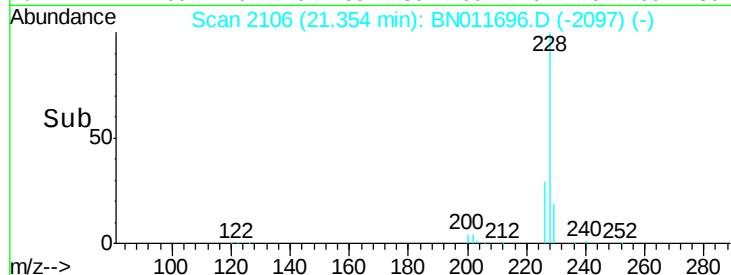
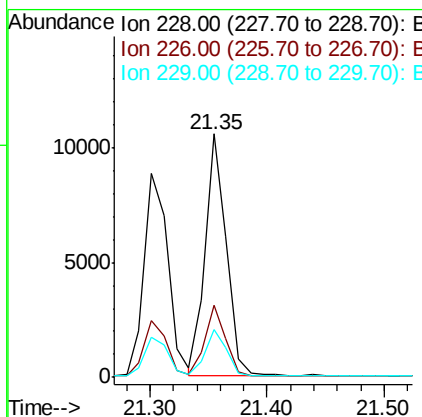
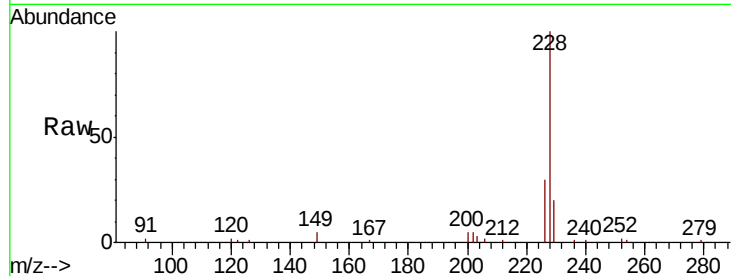




#33
 Chrysene
 Concen: 0.380 ng
 RT: 21.35 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BN011696.D
 Acq: 03 Sep 2020 14:08

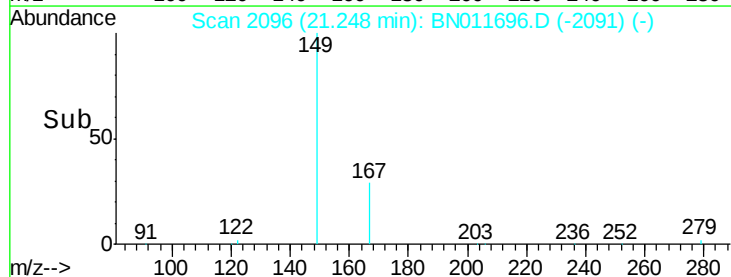
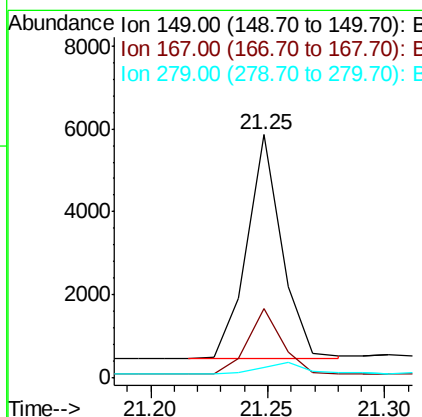
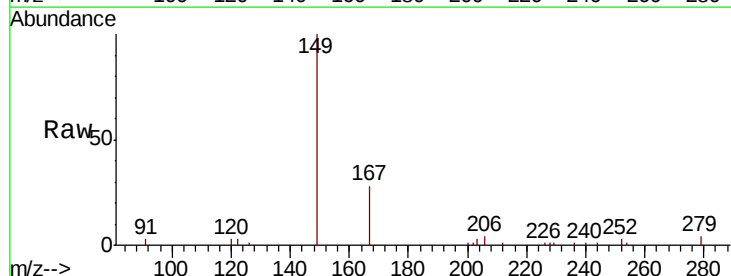
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

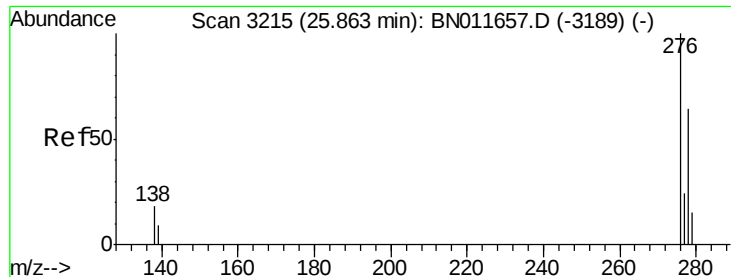
Tot Ion:228 Resp: 13323
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.7 34.1
 229 19.7 15.9 23.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BN011696.D
 Acq: 03 Sep 2020 14:08

Tgt Ion:149 Resp: 5535
 Ion Ratio Lower Upper
 149 100
 167 28.7 23.2 34.8
 279 5.1 4.0 6.0

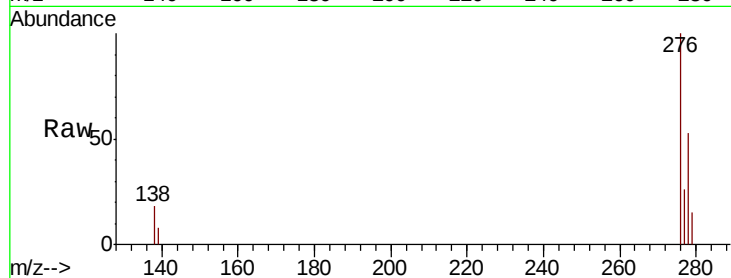




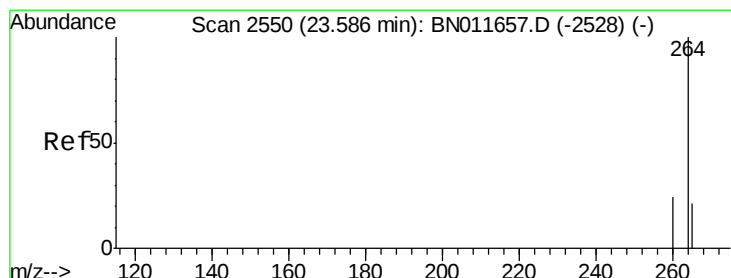
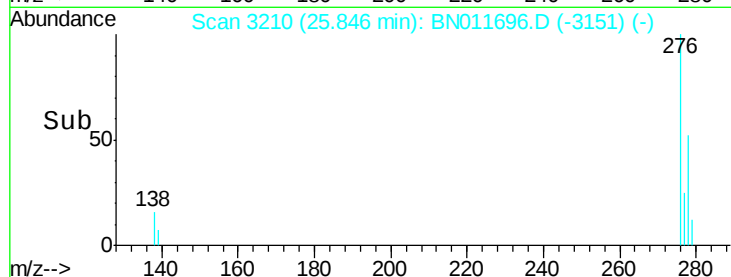
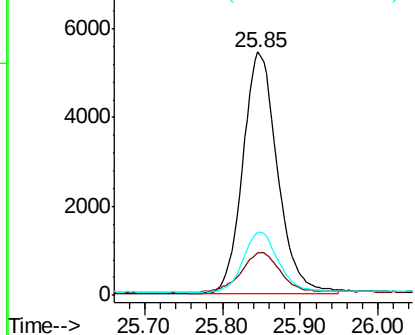
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.364 ng
 RT: 25.85 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BN011696.D
 Acq: 03 Sep 2020 14:08

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 16662
 Ion Ratio Lower Upper
 276 100
 138 18.4 15.4 23.2
 277 25.3 20.1 30.1

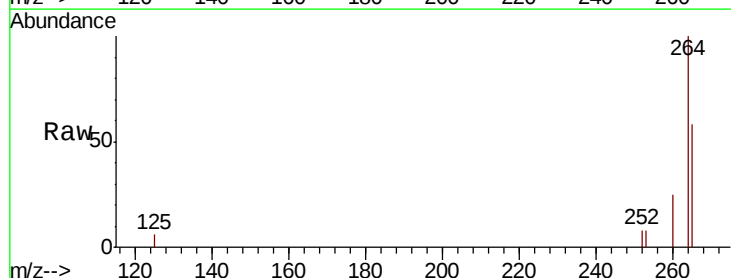


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

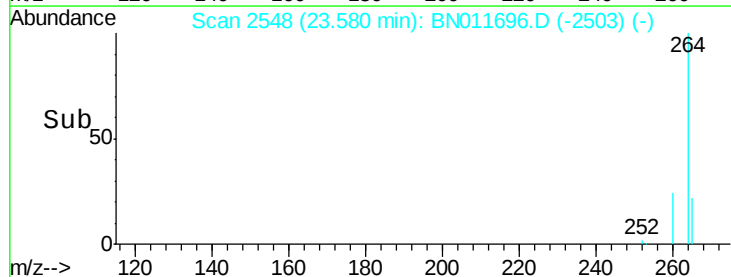
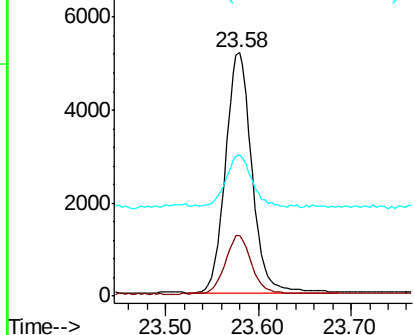


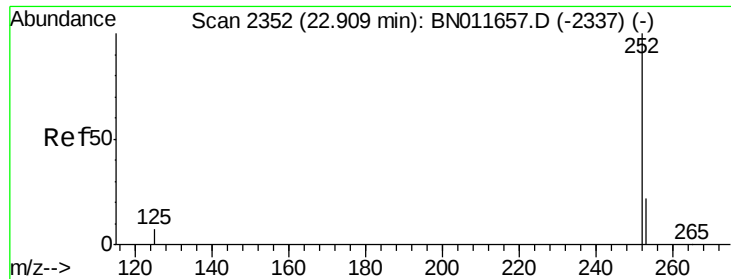
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BN011696.D
 Acq: 03 Sep 2020 14:08

Tgt Ion:264 Resp: 10271
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.6
 265 58.1 38.9 58.3



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

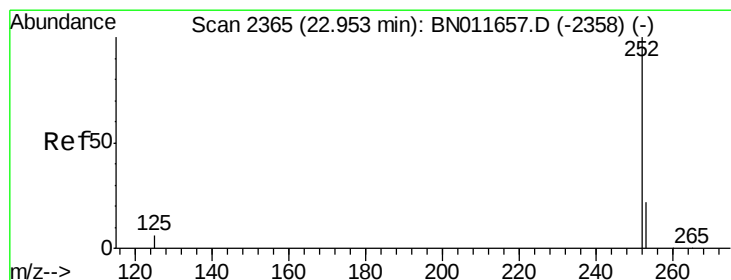
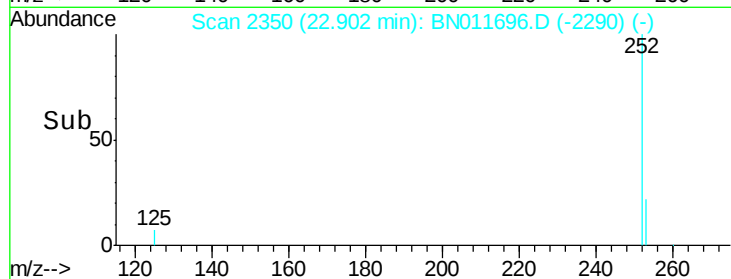
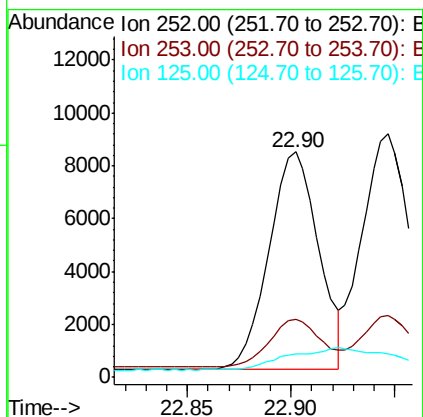
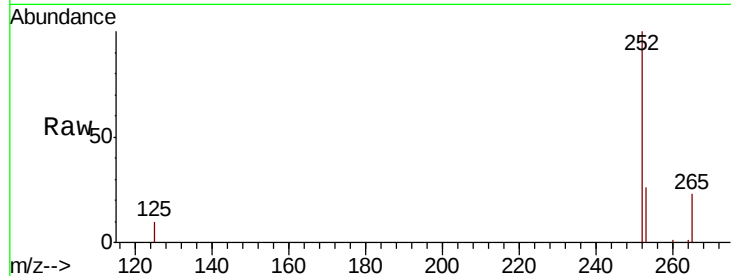




#37
Benzo(b)fluoranthene
Concen: 0.348 ng
RT: 22.90 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

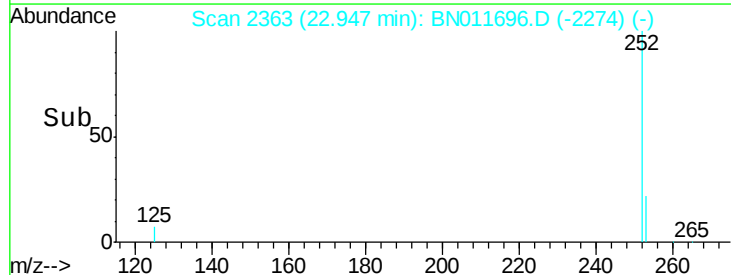
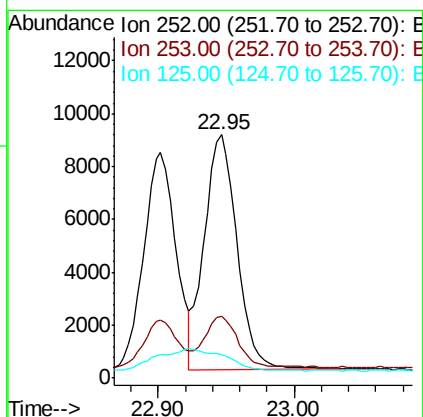
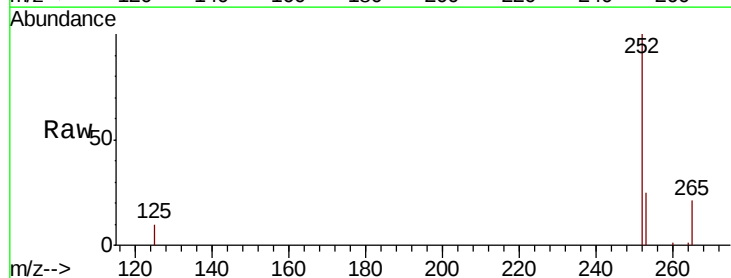
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

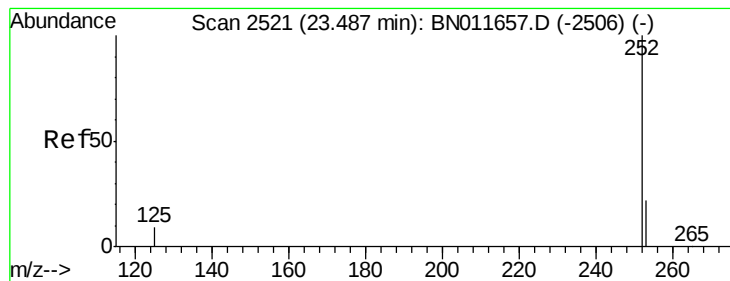
Tot Ion:252 Resp: 13688
Ion Ratio Lower Upper
252 100
253 25.6 19.7 29.5
125 10.2 7.8 11.8



#38
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 22.95 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BN011696.D
Acq: 03 Sep 2020 14:08

Tgt Ion:252 Resp: 14784
Ion Ratio Lower Upper
252 100
253 25.4 19.4 29.0
125 9.9 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.347 ng

RT: 23.48 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

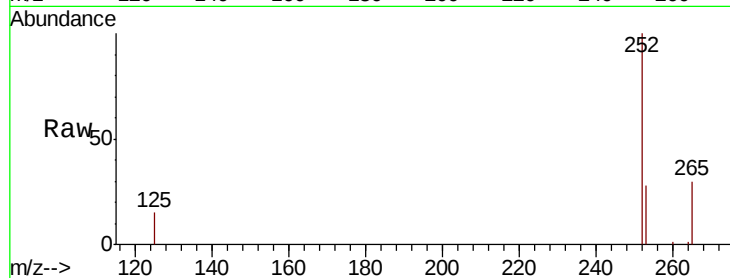
Tot Ion:252 Resp: 12215

Ion Ratio Lower Upper

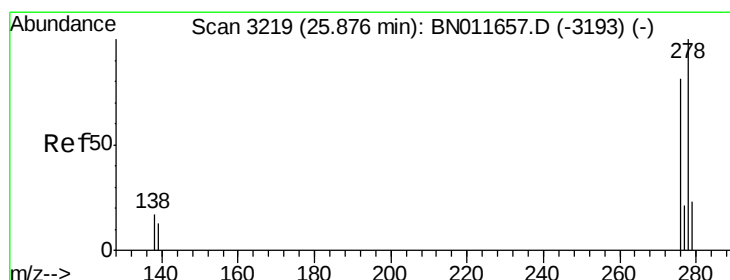
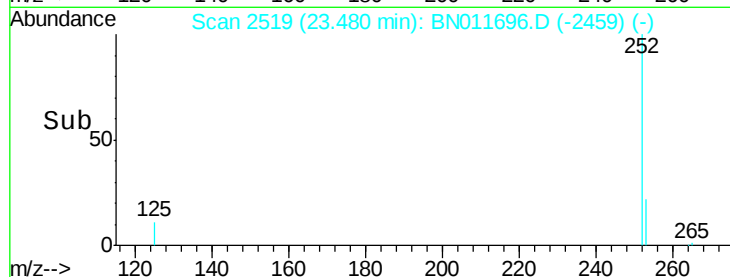
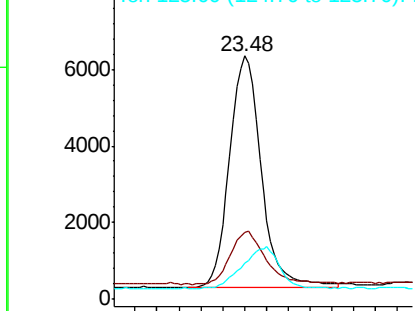
252 100

253 27.8 20.3 30.5

125 14.9 9.8 14.6#



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



#40

Dibenzo(a,h)anthracene

Concen: 0.346 ng

RT: 25.86 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BN011696.D

Acq: 03 Sep 2020 14:08

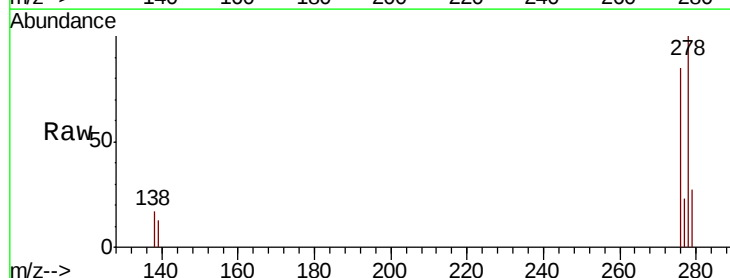
Tgt Ion:278 Resp: 13738

Ion Ratio Lower Upper

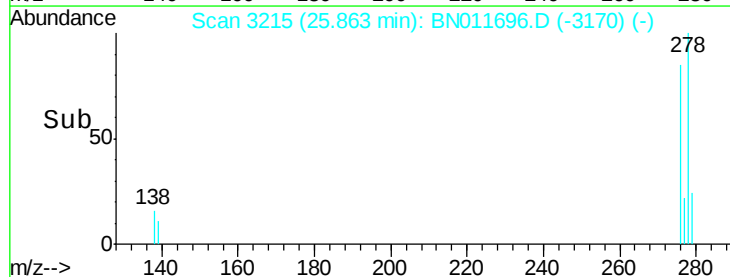
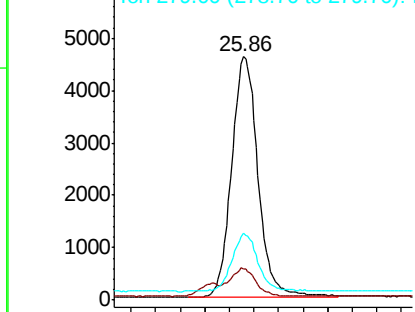
278 100

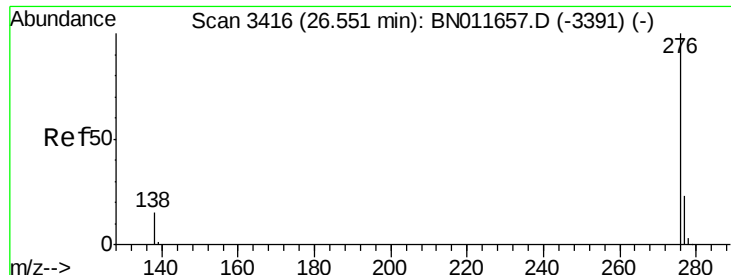
139 12.7 11.0 16.6

279 27.3 20.5 30.7



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: 0.336 ng

RT: 26.54 min Scan# 3413

Delta R.T. 0.00 min

Lab File: BN011696.D

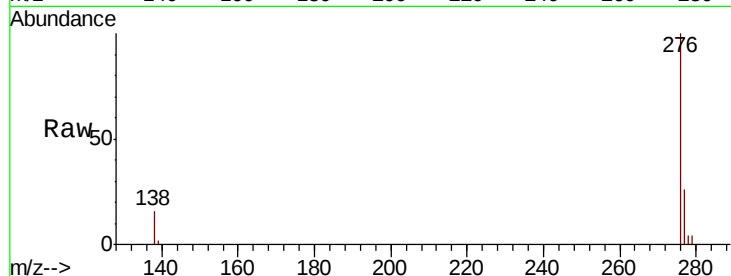
Acq: 03 Sep 2020 14:08

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



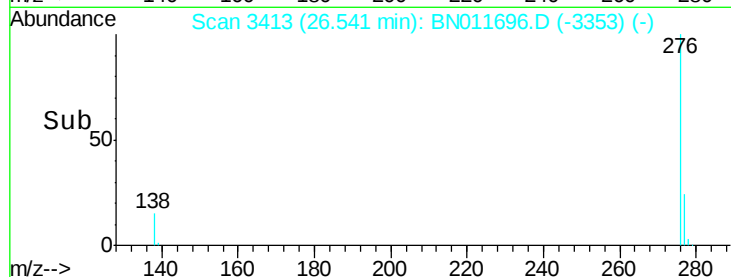
Tot Ion: 276 Resp: 13085

Ion Ratio Lower Upper

276 100

277 25.5 19.7 29.5

138 16.1 13.4 20.2



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

