

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
 Data File : BN011810.D
 Acq On : 15 Sep 2020 21:05
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Sep 16 02:14:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:55:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2144	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	8074	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	4643	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	10346	0.40	ng	0.00
29) Chrysene-d12	21.30	240	14503	0.40	ng	-0.01
36) Perylene-d12	23.56	264	14472	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2634	0.44	ng	0.00
5) Phenol-d6	6.89	99	3456	0.45	ng	0.00
8) Nitrobenzene-d5	8.86	82	3239	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.10	152	5658	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	917	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	7747	0.37	ng	-0.01
27) Fluoranthene-d10	19.15	212	12197	0.36	ng	0.00
31) Terphenyl-d14	19.75	244	24282	0.61	ng	0.00

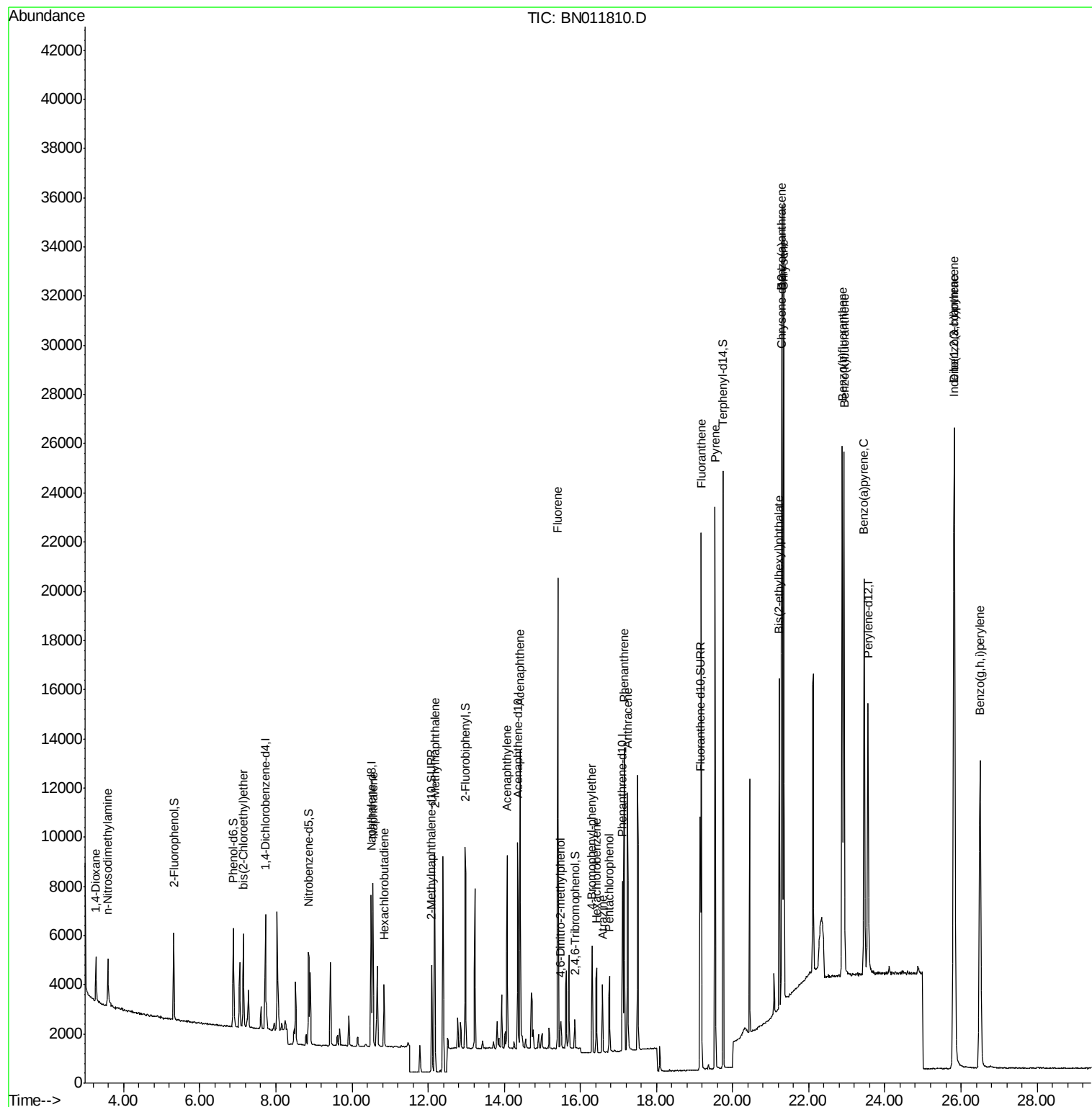
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1142	0.380	ng	98
3) n-Nitrosodimethylamine	3.58	42	1571	0.339	ng	# 71
6) bis(2-Chloroethyl)ether	7.14	93	2746	0.441	ng	99
9) Naphthalene	10.55	128	8942	0.387	ng	100
10) Hexachlorobutadiene	10.85	225	1958	0.351	ng	# 100
12) 2-Methylnaphthalene	12.17	142	6146	0.371	ng	96
16) Acenaphthylene	14.08	152	8308	0.359	ng	100
17) Acenaphthene	14.42	154	6050	0.369	ng	98
18) Fluorene	15.41	166	7425	0.360	ng	99
20) 4,6-Dinitro-2-methylphenol	15.49	198	838	0.360	ng	91
21) 4-Bromophenyl-phenylether	16.31	248	2254	0.344	ng	98
22) Hexachlorobenzene	16.42	284	2861	0.373	ng	95
23) Atrazine	16.58	200	2283	0.378	ng	98
24) Pentachlorophenol	16.76	266	1517	0.469	ng	97
25) Phenanthrene	17.15	178	12504	0.371	ng	99
26) Anthracene	17.24	178	11413	0.377	ng	99
28) Fluoranthene	19.18	202	19484	0.464	ng	# 99
30) Pyrene	19.54	202	20236	0.394	ng	100
32) Benzo(a)anthracene	21.29	228	23434	0.443	ng	99
33) Chrysene	21.34	228	25378	0.458	ng	100
34) Bis(2-ethylhexyl)phthalate	21.23	149	9979	0.421	ng	100
35) Indeno(1,2,3-cd)pyrene	25.81	276	32290	0.444	ng	98
37) Benzo(b)fluoranthene	22.88	252	26924	0.451	ng	# 96
38) Benzo(k)fluoranthene	22.93	252	27343	0.457	ng	# 97
39) Benzo(a)pyrene	23.46	252	23670	0.452	ng	# 96
40) Dibenzo(a,h)anthracene	25.82	278	27310	0.451	ng	# 98
41) Benzo(g,h,i)perylene	26.50	276	26962	0.446	ng	98

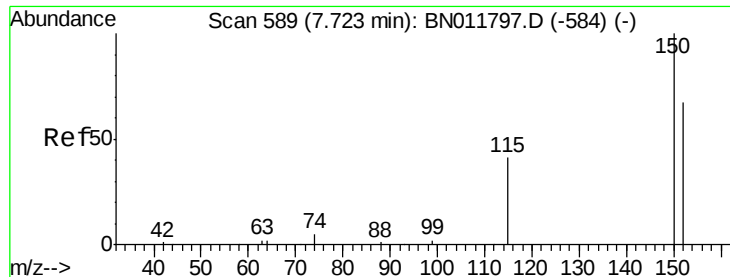
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

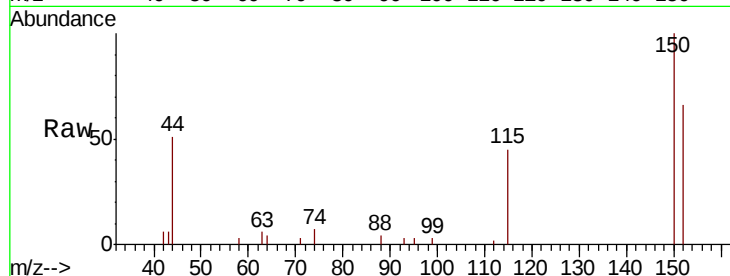
Tot Ion:152 Resp: 2144

Ion Ratio Lower Upper

152 100

150 150.7 118.3 177.5

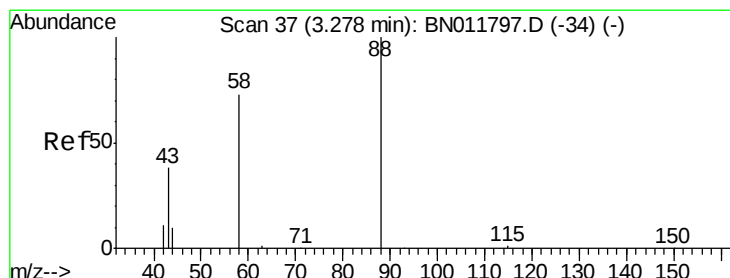
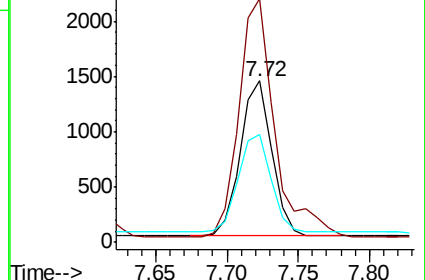
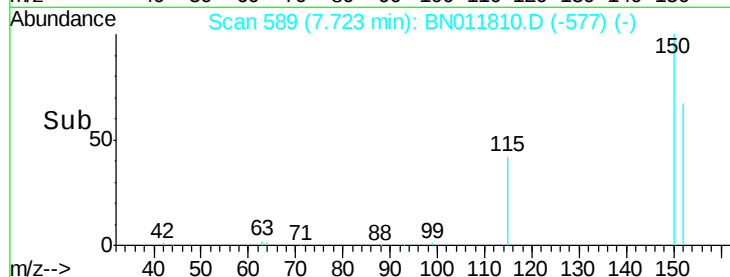
115 67.1 51.3 76.9



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



#2

1,4-Dioxane

Concen: 0.380 ng

RT: 3.28 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

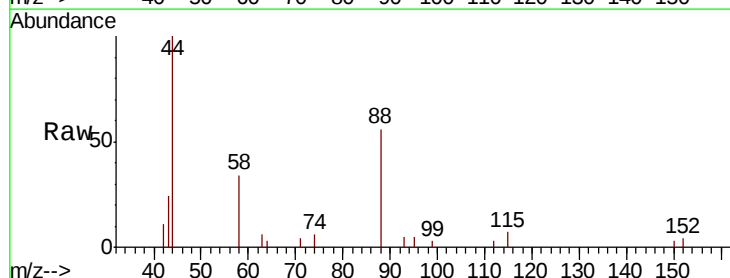
Tgt Ion: 88 Resp: 1142

Ion Ratio Lower Upper

88 100

58 79.7 63.3 94.9

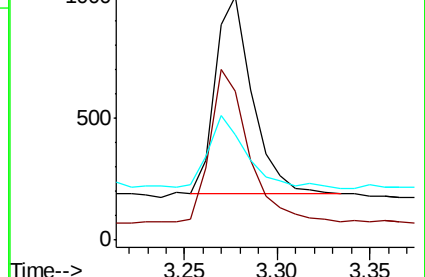
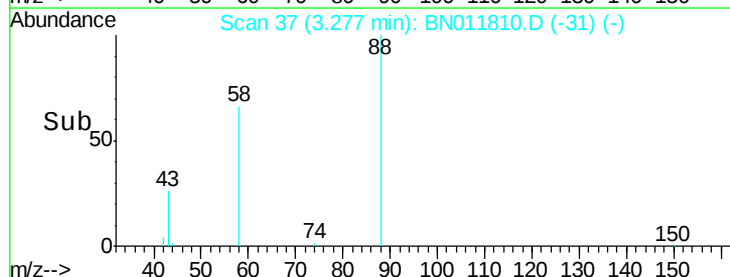
43 37.7 33.0 49.4

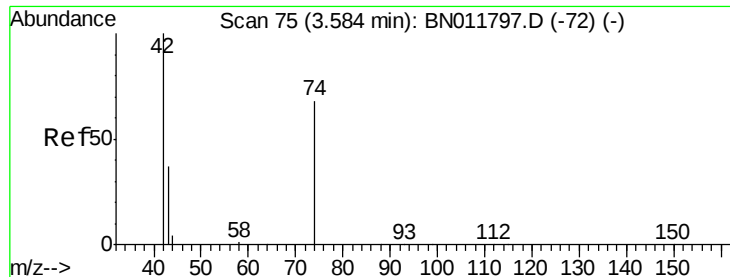


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.339 ng

RT: 3.58 min Scan# 75

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

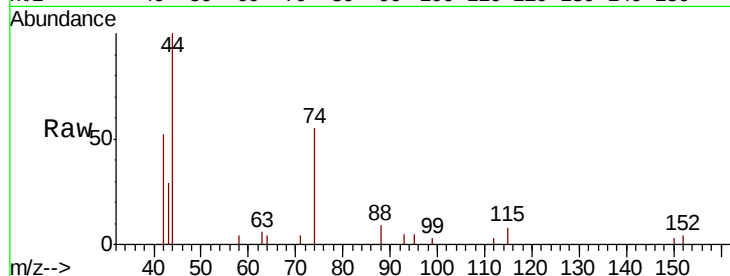
Tot Ion: 42 Resp: 1571

Ion Ratio Lower Upper

42 100

74 106.7 64.4 96.6#

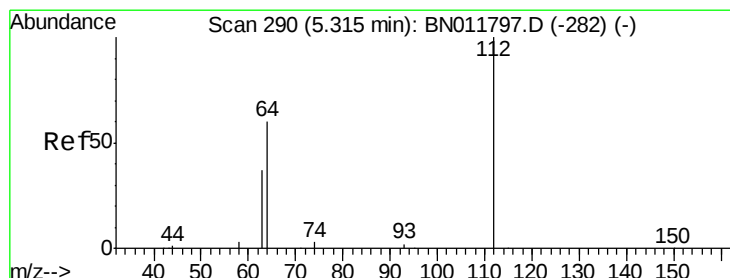
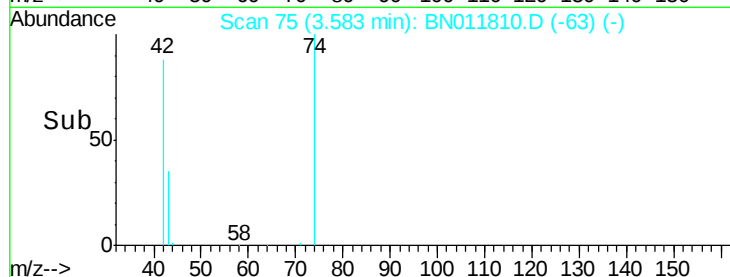
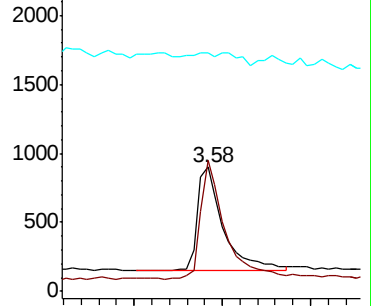
44 0.0 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011797.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BN011797.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BN011797.D (-72) (-)



#4

2-Fluorophenol

Concen: 0.444 ng

RT: 5.31 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

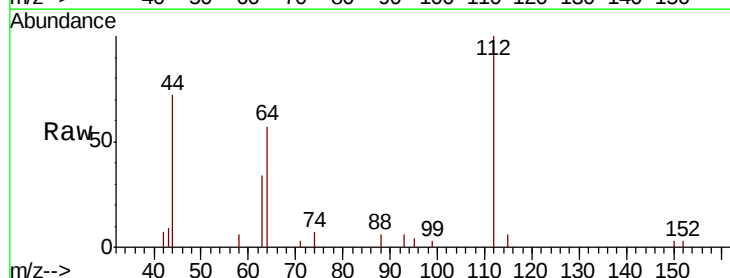
Tgt Ion: 112 Resp: 2634

Ion Ratio Lower Upper

112 100

64 62.0 49.0 73.6

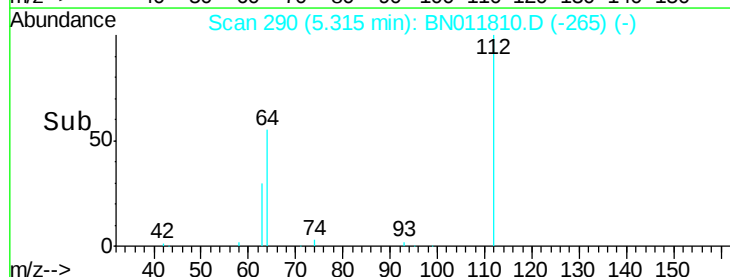
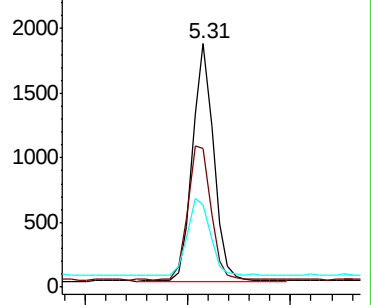
63 35.8 31.8 47.6

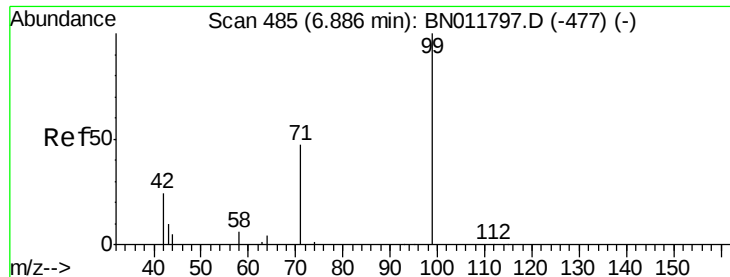


Abundance Ion 112.00 (111.70 to 112.70): BN011797.D (-282) (-)

Ion 64.00 (63.70 to 64.70): BN011797.D (-282) (-)

Ion 63.00 (62.70 to 63.70): BN011797.D (-282) (-)





#5

Phenol-d6

Concen: 0.453 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

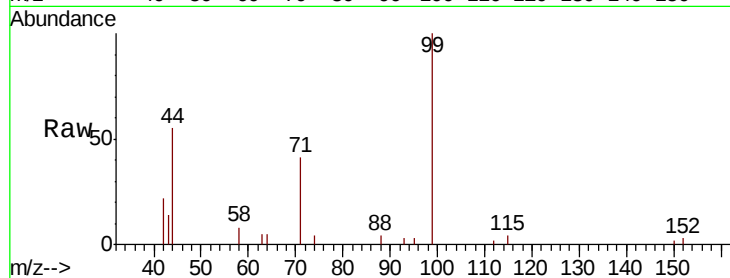
Tot Ion: 99 Resp: 3456

Ion Ratio Lower Upper

99 100

42 23.7 23.4 35.0

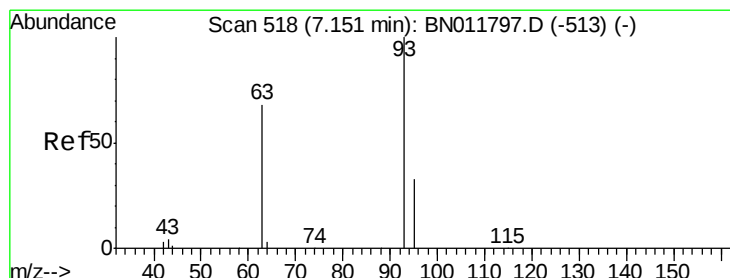
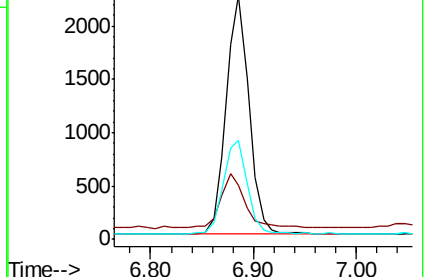
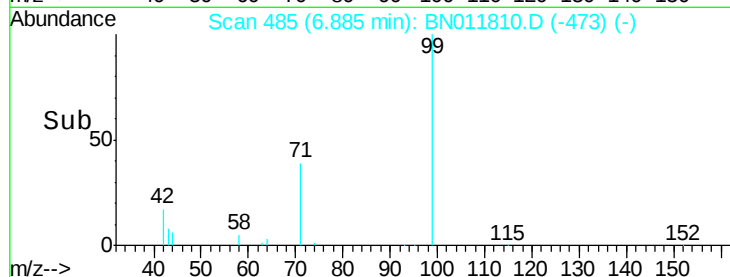
71 40.8 38.1 57.1



Abundance Ion 99.00 (98.70 to 99.70): BN011810.D (-473) (-)

Ion 42.00 (41.70 to 42.70): BN011810.D (-473) (-)

Ion 71.00 (70.70 to 71.70): BN011810.D (-473) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.441 ng

RT: 7.14 min Scan# 517

Delta R.T. -0.01 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

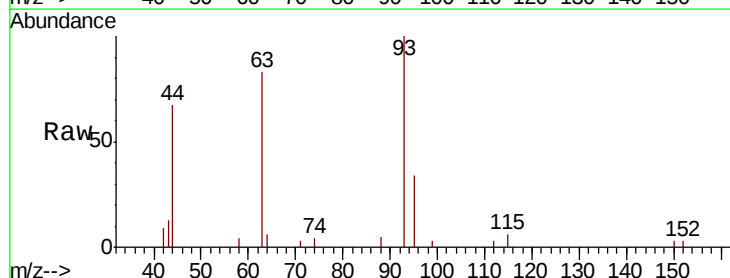
Tgt Ion: 93 Resp: 2746

Ion Ratio Lower Upper

93 100

63 75.3 61.1 91.7

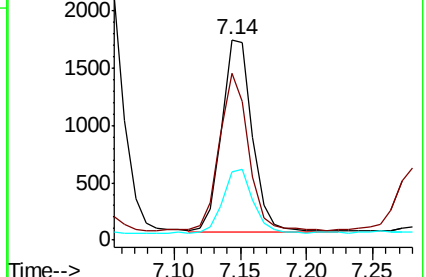
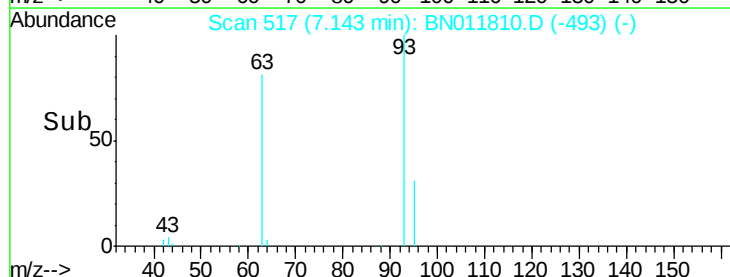
95 32.5 25.5 38.3

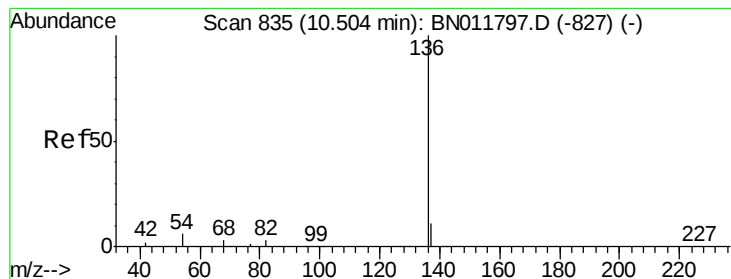


Abundance Ion 93.00 (92.70 to 93.70): BN011810.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN011810.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN011810.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 8074

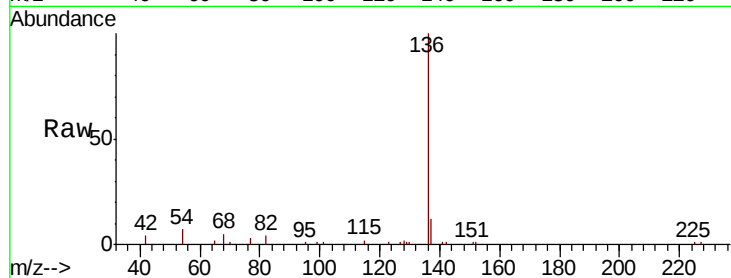
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 6.7 5.6 8.4

68 4.6 3.2 4.8

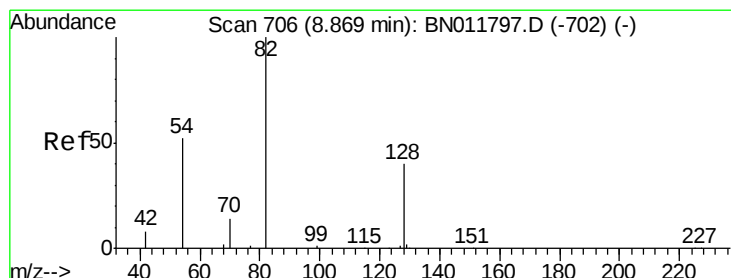
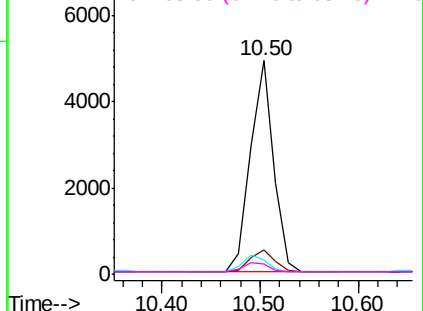
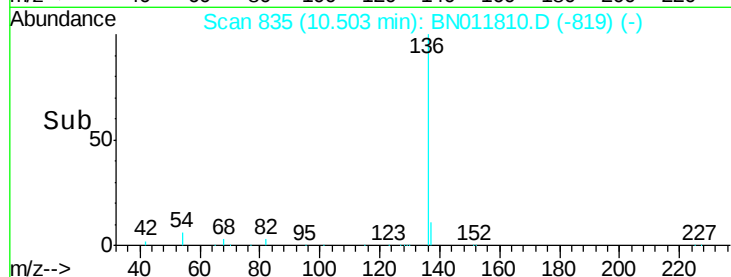


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 8.86 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

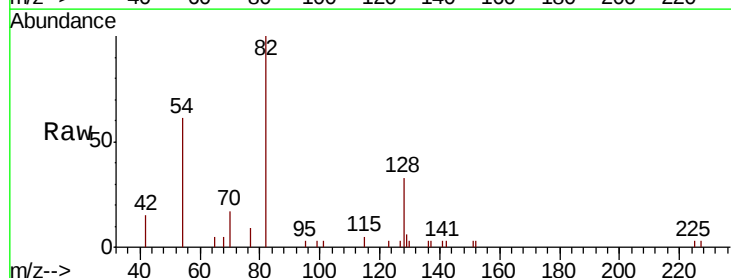
Tgt Ion: 82 Resp: 3239

Ion Ratio Lower Upper

82 100

128 33.4 34.2 51.2#

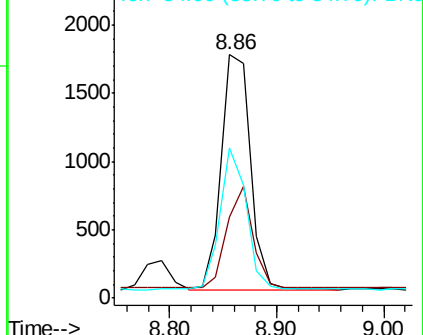
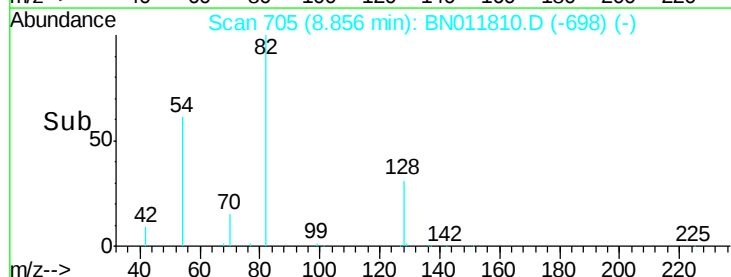
54 61.5 43.1 64.7

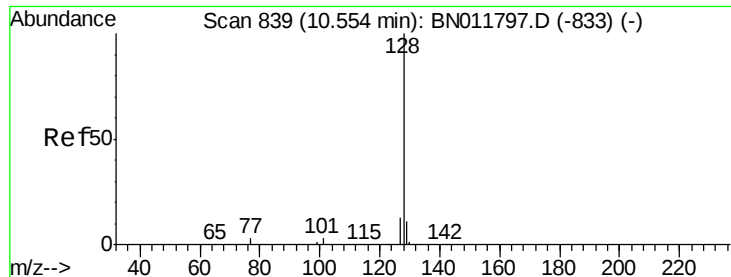


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.387 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

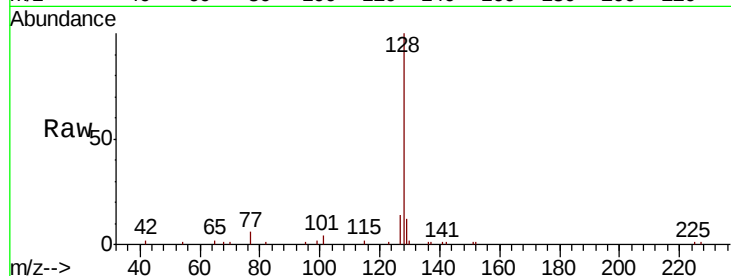
Tot Ion:128 Resp: 8942

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

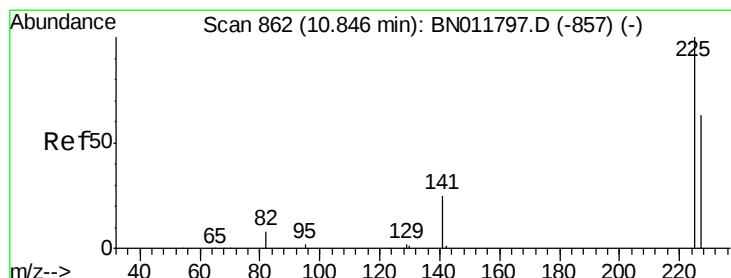
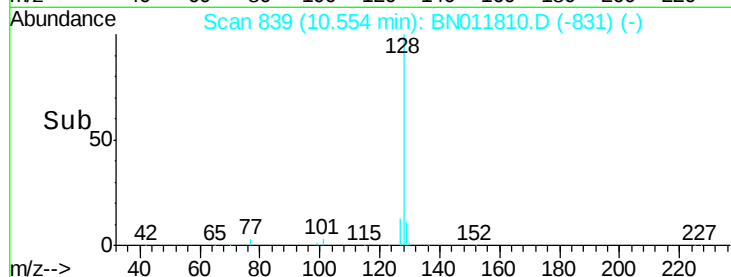
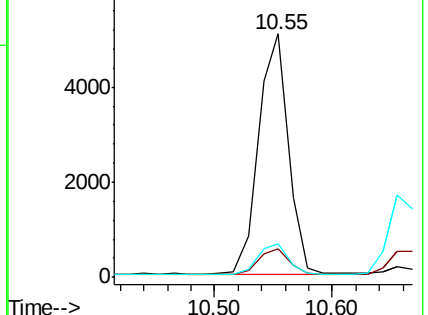
127 13.7 11.0 16.4



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: 0.351 ng

RT: 10.85 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

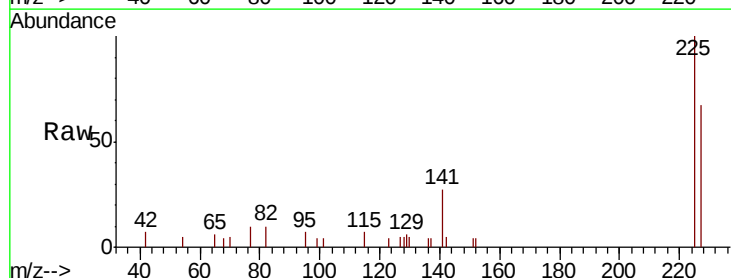
Tgt Ion:225 Resp: 1958

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

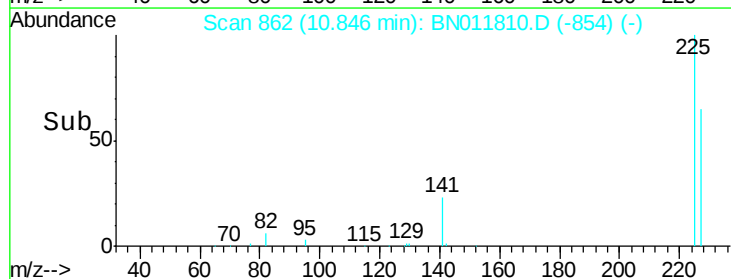
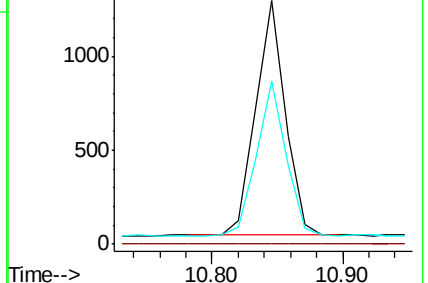
227 64.7 51.9 77.9

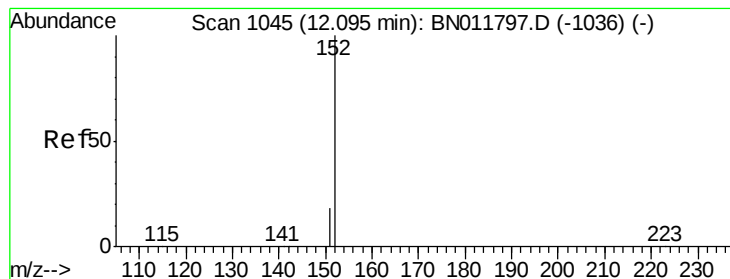


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.373 ng

RT: 12.10 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

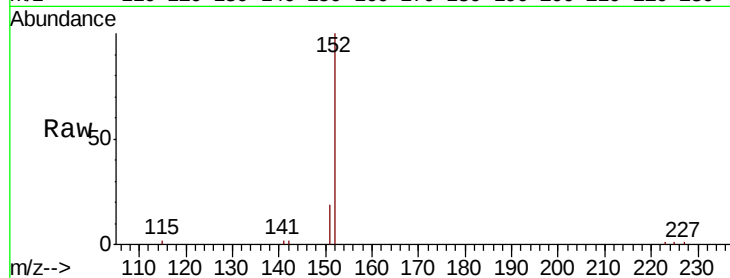
SSTDCCC0.4EC

Tot Ion:152 Resp: 5658

Ion Ratio Lower Upper

152 100

151 20.8 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.10

4000

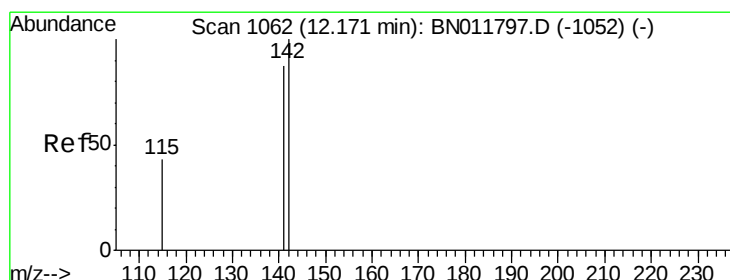
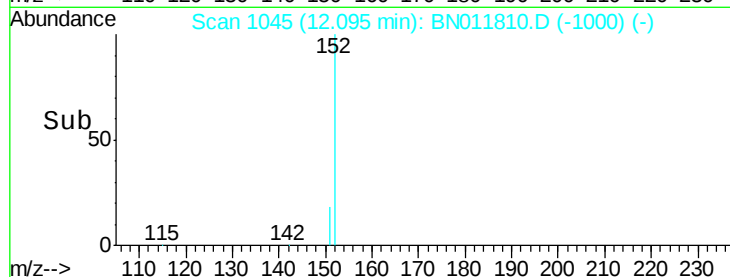
3000

2000

1000

0

Time--> 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.371 ng

RT: 12.17 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

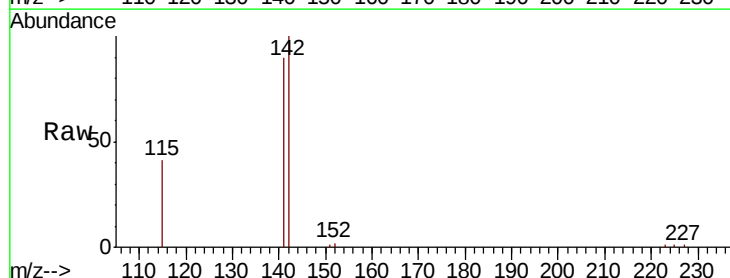
Tgt Ion:142 Resp: 6146

Ion Ratio Lower Upper

142 100

141 89.8 70.0 105.0

115 40.8 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

5000

4000

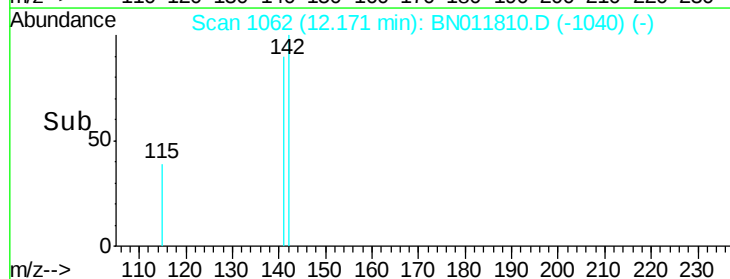
3000

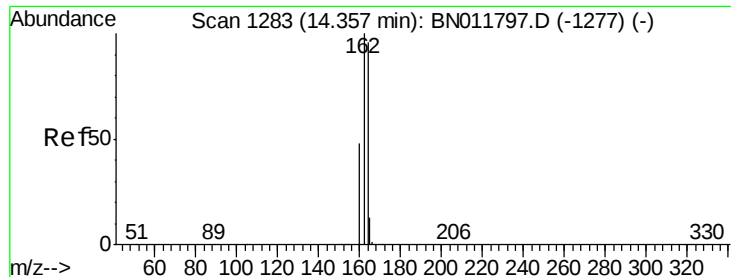
2000

1000

0

Time--> 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

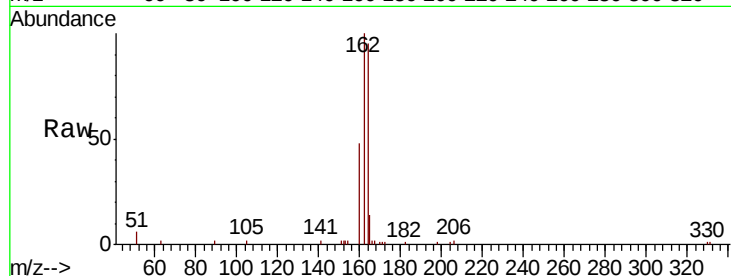
Tot Ion:164 Resp: 4643

Ion Ratio Lower Upper

164 100

162 105.0 83.6 125.4

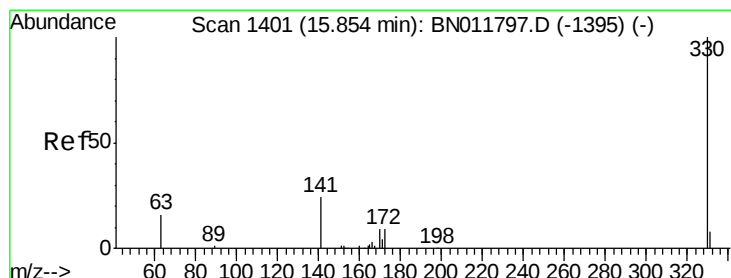
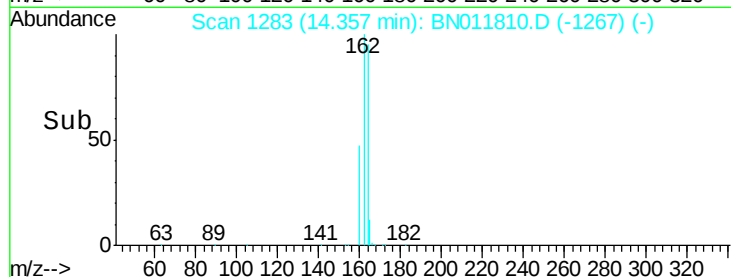
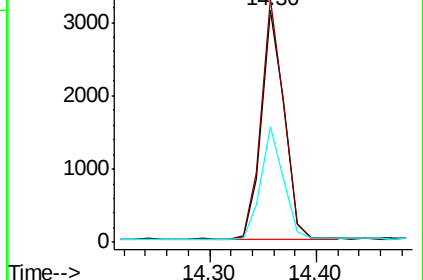
160 49.9 41.2 61.8



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: 0.361 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

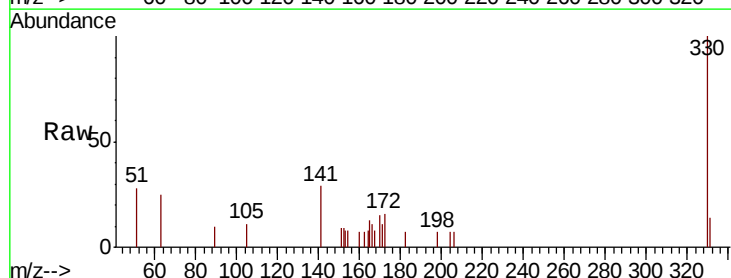
Tgt Ion:330 Resp: 917

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

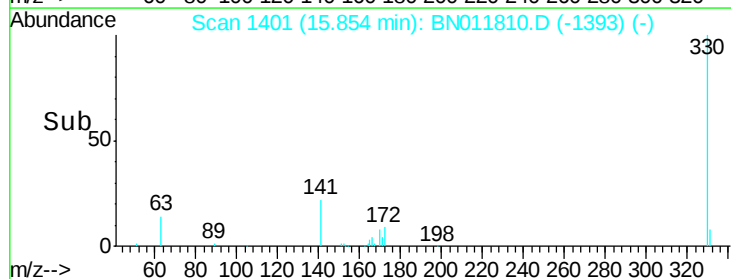
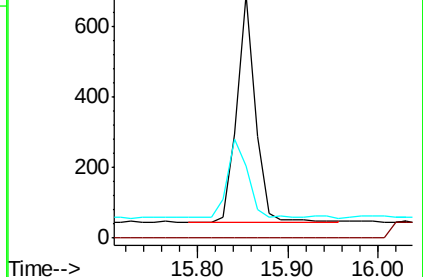
141 37.1 33.7 50.5

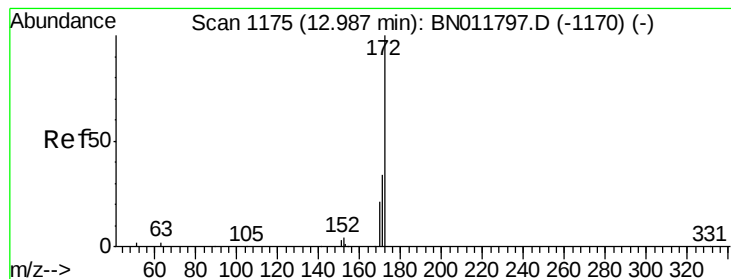


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.372 ng

RT: 12.97 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

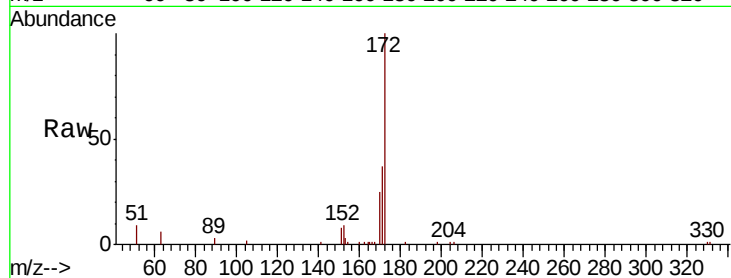
Tot Ion:172 Resp: 7747

Ion Ratio Lower Upper

172 100

171 37.3 27.4 41.2

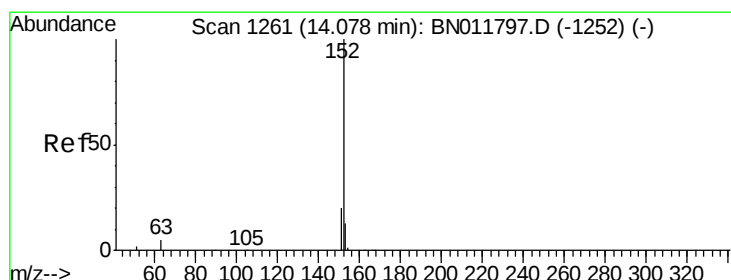
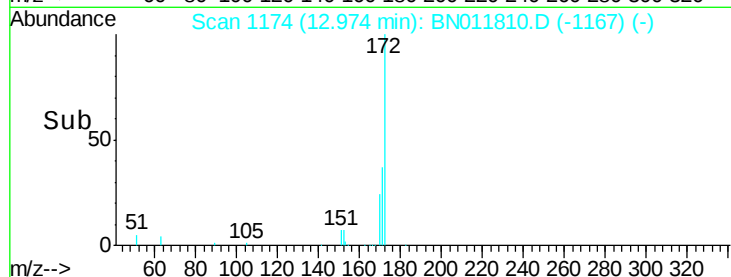
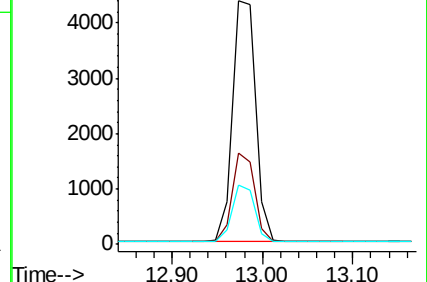
170 24.6 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.359 ng

RT: 14.08 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

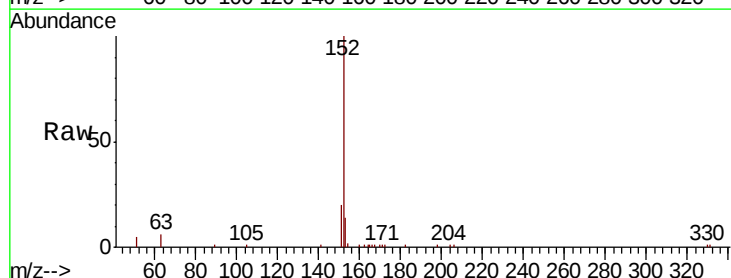
Tgt Ion:152 Resp: 8308

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

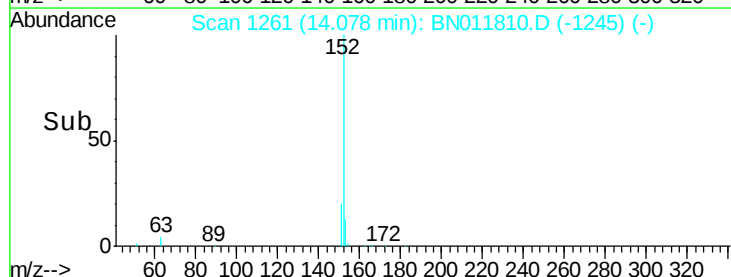
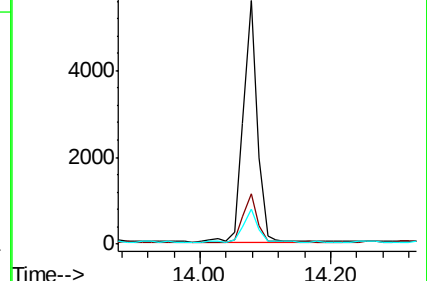
153 13.2 10.5 15.7

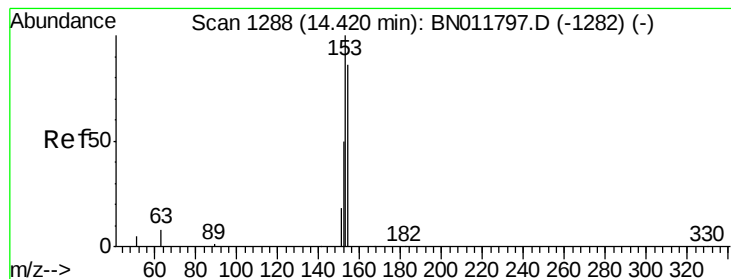


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.42 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

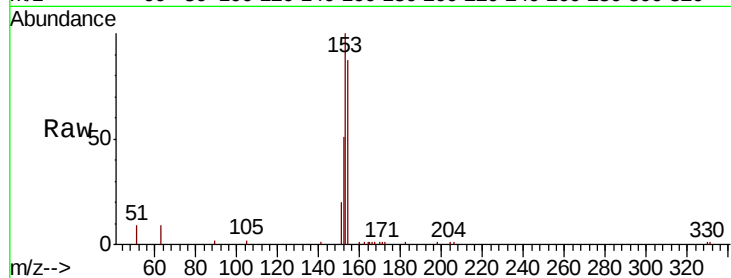
Tot Ion:154 Resp: 6050

Ion Ratio Lower Upper

154 100

153 106.9 83.4 125.2

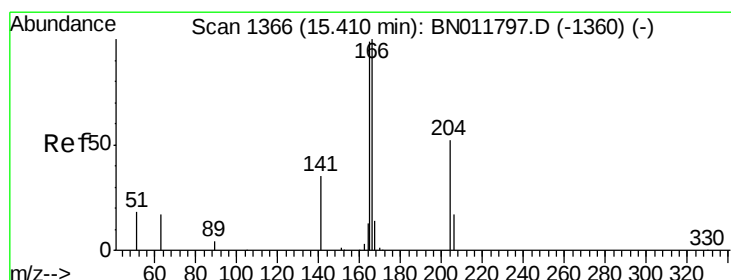
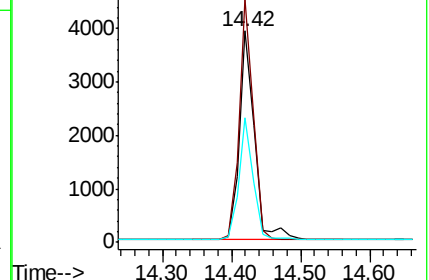
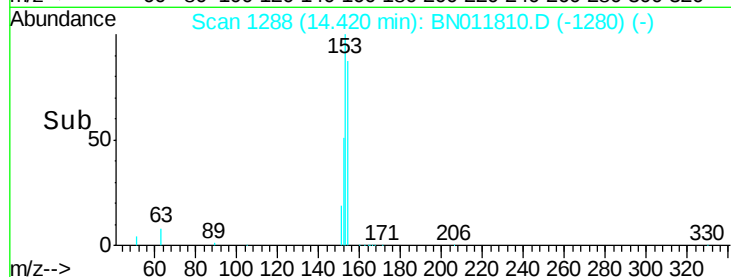
152 54.1 42.8 64.2



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: 0.360 ng

RT: 15.41 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

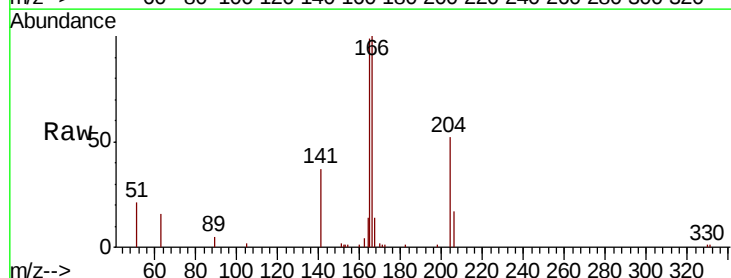
Tgt Ion:166 Resp: 7425

Ion Ratio Lower Upper

166 100

165 97.7 78.8 118.2

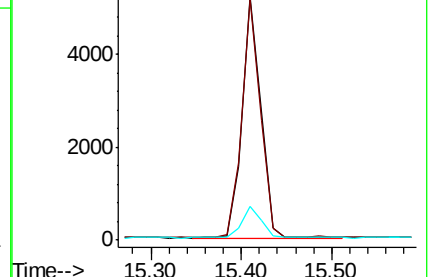
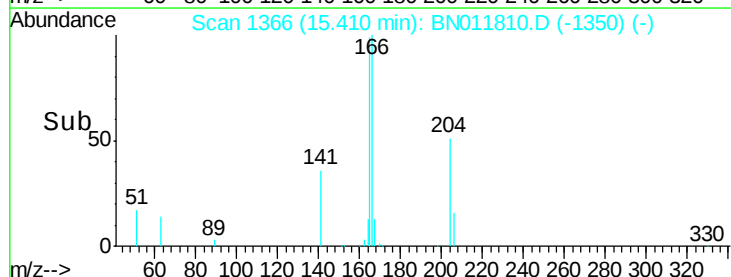
167 13.6 11.2 16.8

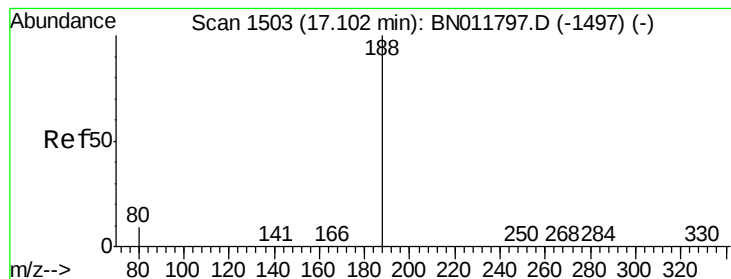


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.10 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

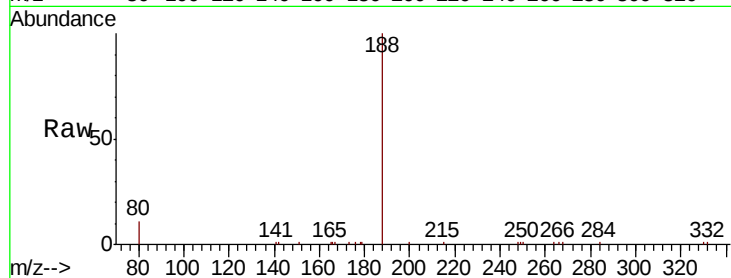
Tot Ion:188 Resp: 10346

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

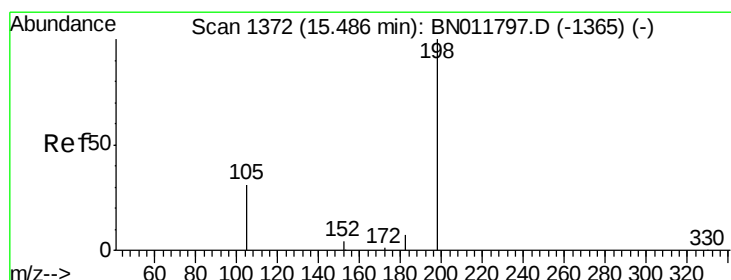
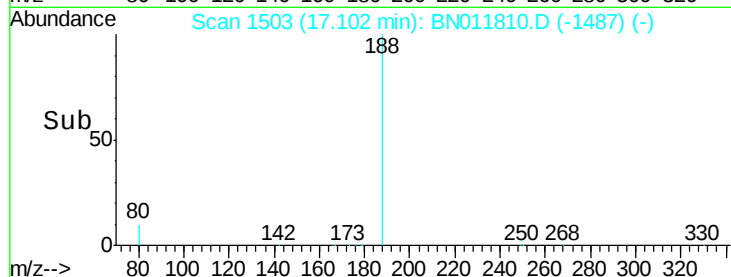
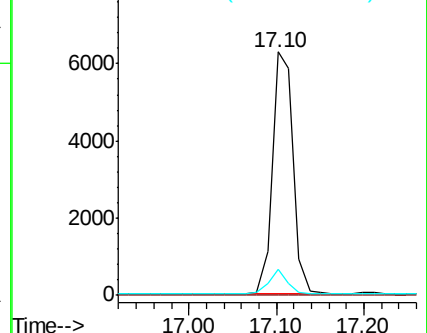
80 10.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.360 ng

RT: 15.49 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

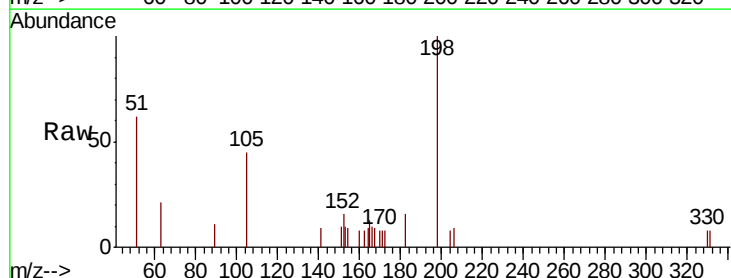
Tgt Ion:198 Resp: 838

Ion Ratio Lower Upper

198 100

51 61.6 45.0 67.4

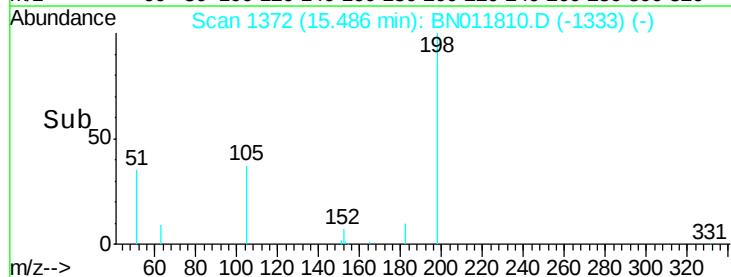
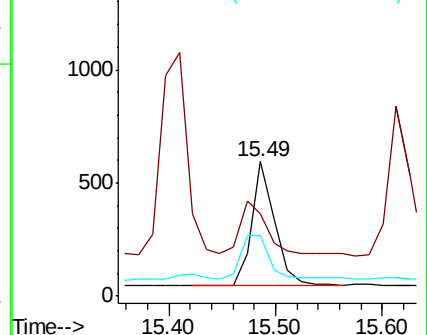
105 45.3 30.4 45.6

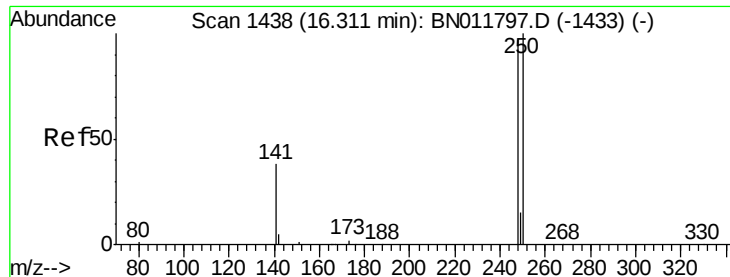


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E

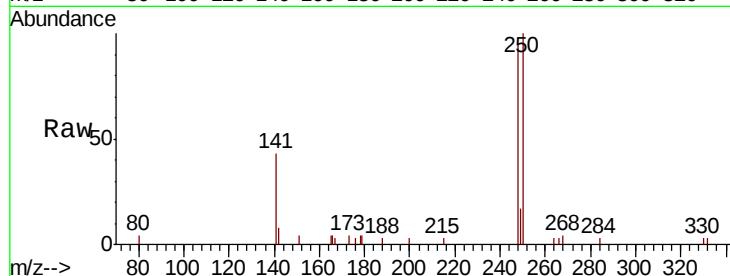




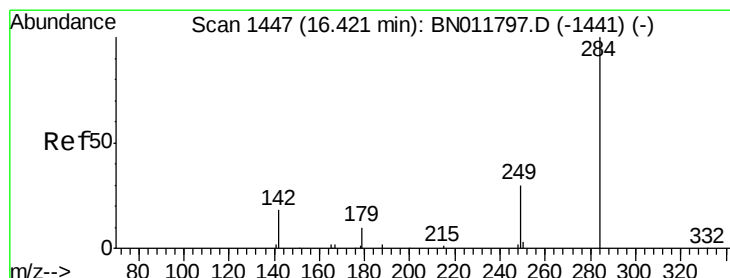
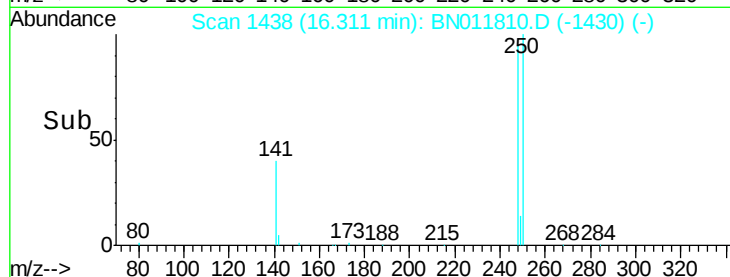
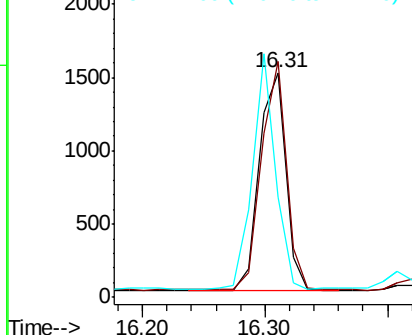
#21
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.31 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BN011810.D
Acq: 15 Sep 2020 21:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 2254
Ion Ratio Lower Upper
248 100
250 105.0 82.7 124.1
141 44.6 33.7 50.5

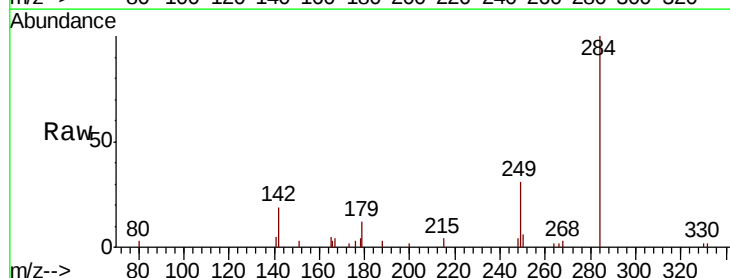


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

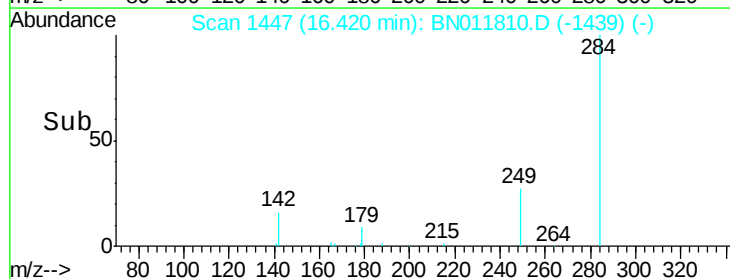
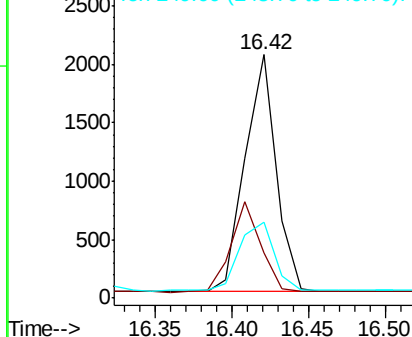


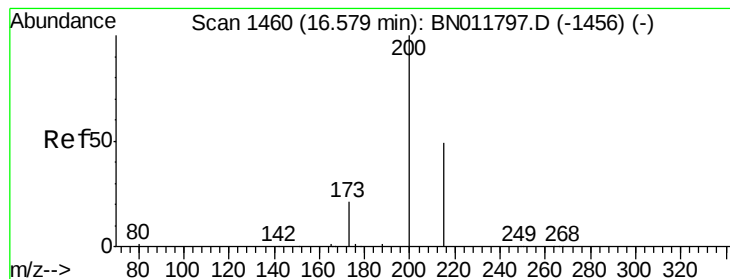
#22
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.42 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN011810.D
Acq: 15 Sep 2020 21:05

Tgt Ion:284 Resp: 2861
Ion Ratio Lower Upper
284 100
142 36.2 32.4 48.6
249 32.6 26.8 40.2



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: 0.378 ng

RT: 16.58 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

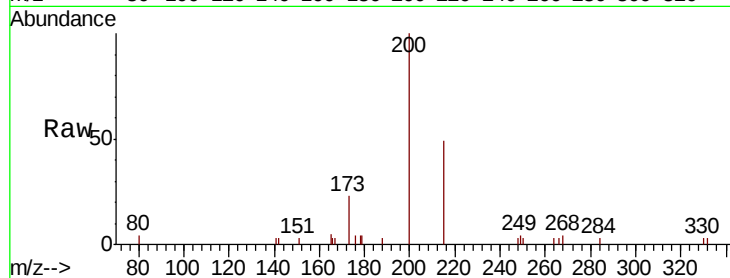
Tot Ion:200 Resp: 2283

Ion Ratio Lower Upper

200 100

173 22.6 18.7 28.1

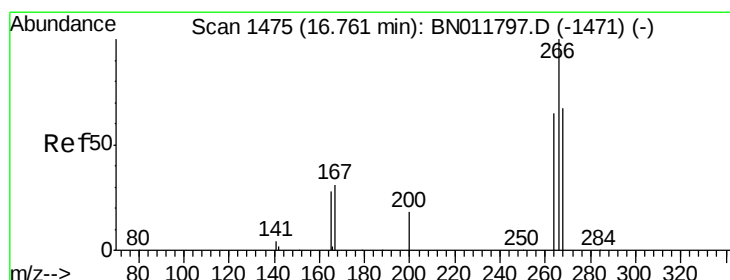
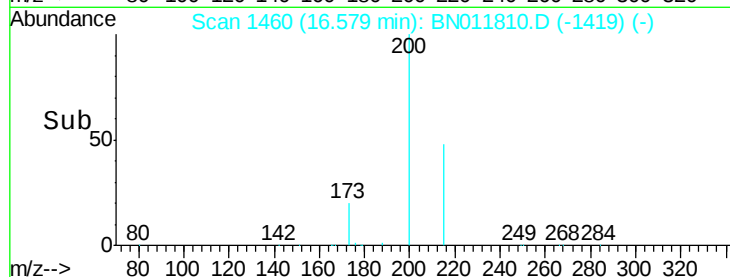
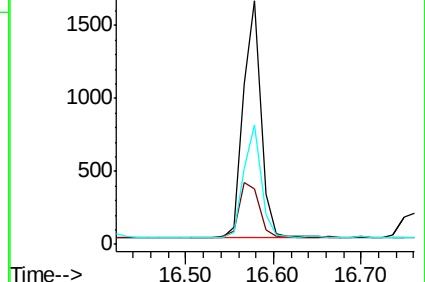
215 49.1 40.2 60.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.469 ng

RT: 16.76 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

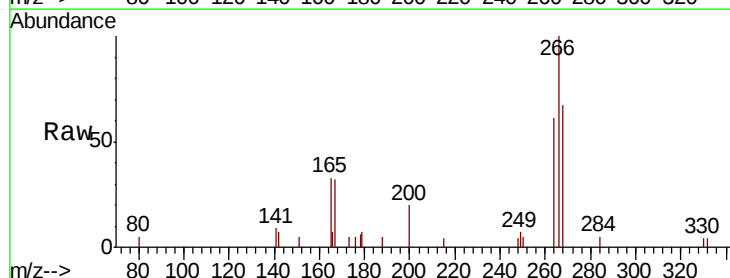
Tgt Ion:266 Resp: 1517

Ion Ratio Lower Upper

266 100

264 61.7 51.2 76.8

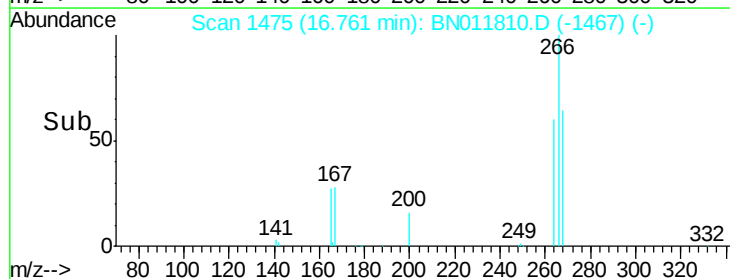
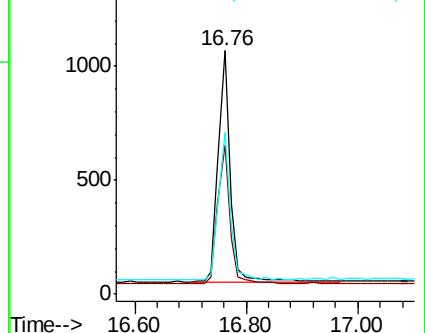
268 62.4 52.4 78.6

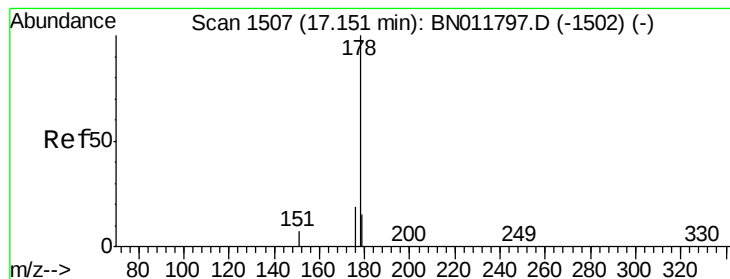


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.371 ng

RT: 17.15 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

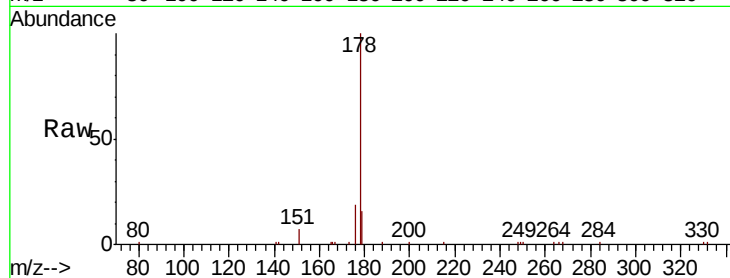
Tot Ion:178 Resp: 12504

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

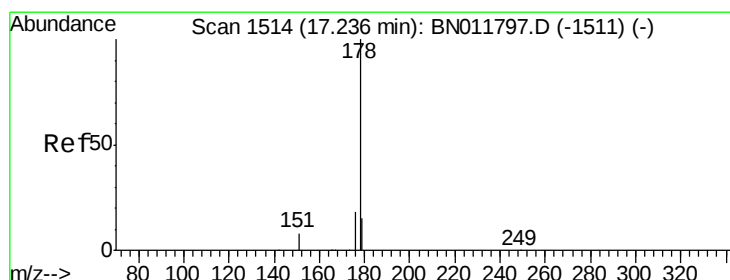
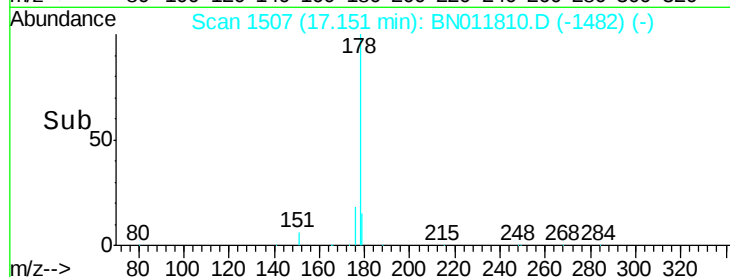
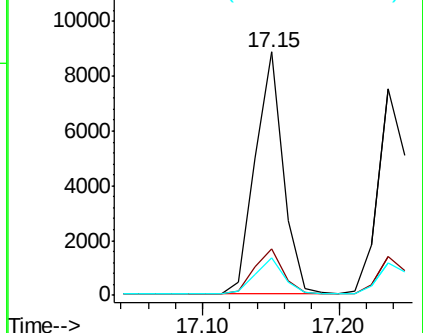
179 15.0 12.3 18.5



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



#26

Anthracene

Concen: 0.377 ng

RT: 17.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

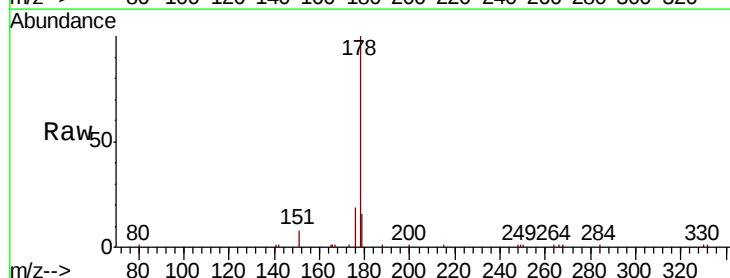
Tgt Ion:178 Resp: 11413

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

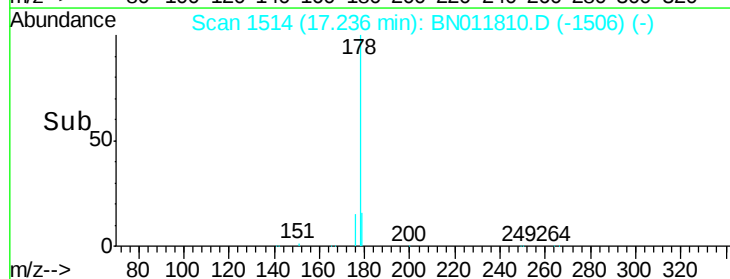
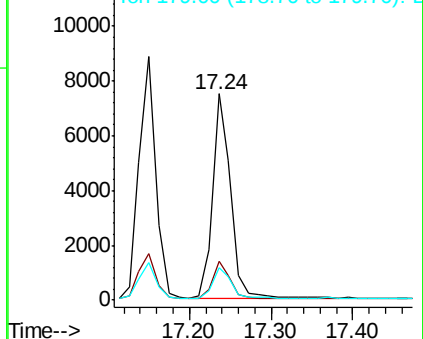
179 14.9 12.4 18.6

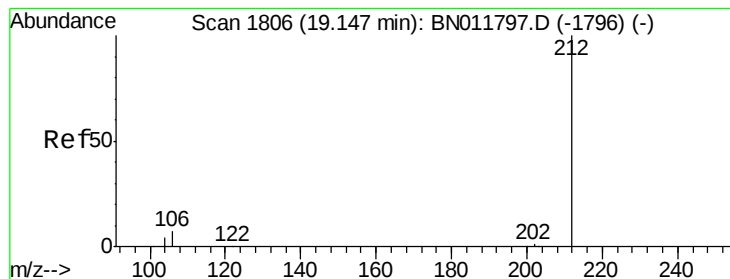


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

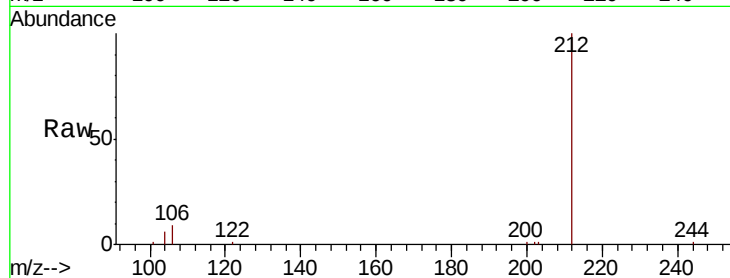
Tot Ion:212 Resp: 12197

Ion Ratio Lower Upper

212 100

106 9.8 6.4 9.6#

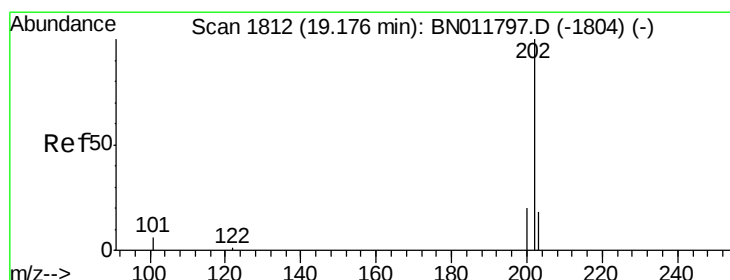
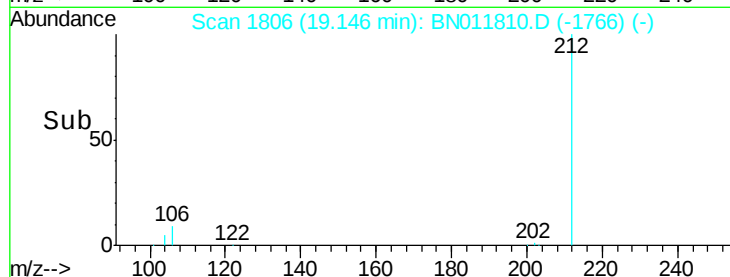
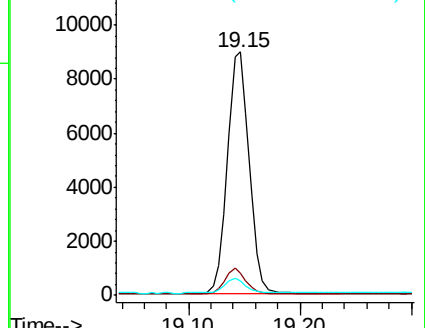
104 5.8 3.9 5.9



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: 0.464 ng

RT: 19.18 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

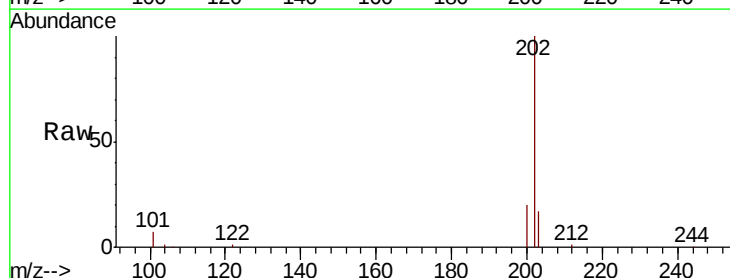
Tgt Ion:202 Resp: 19484

Ion Ratio Lower Upper

202 100

101 8.3 5.4 8.2#

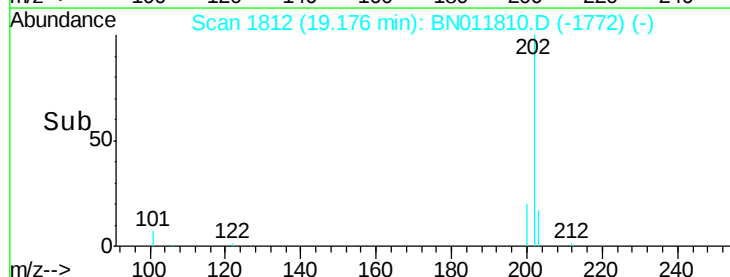
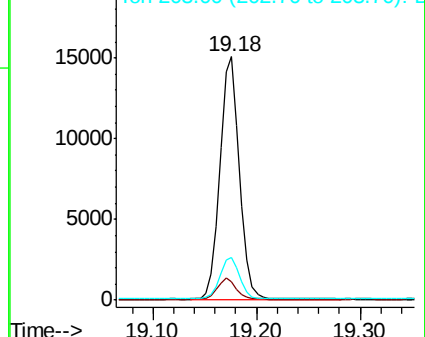
203 17.1 13.8 20.6

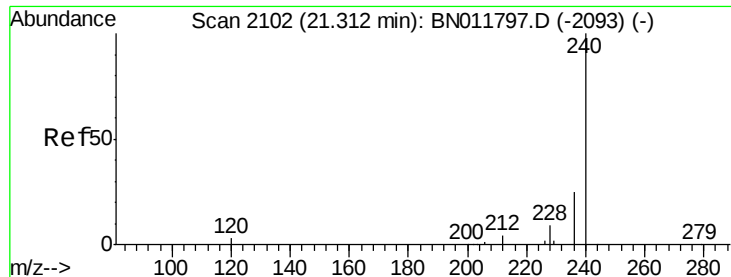


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

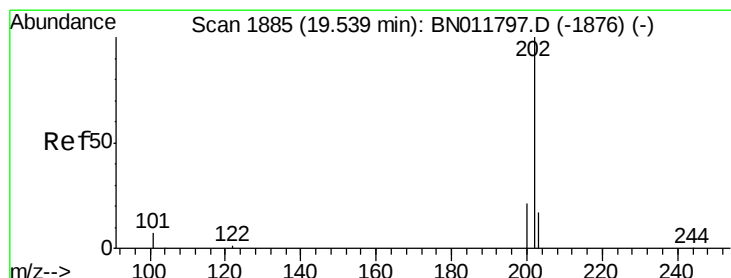
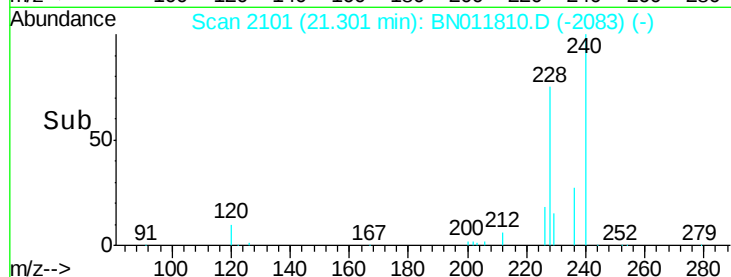
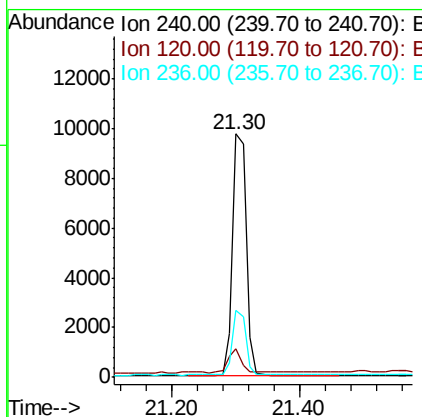
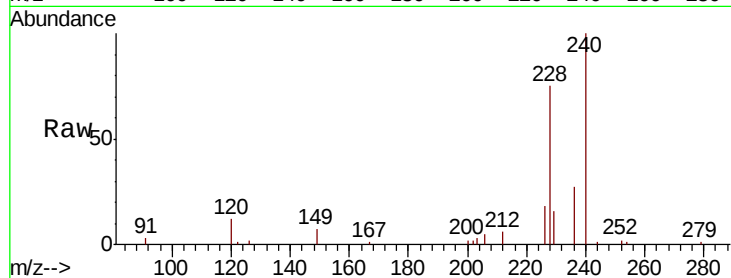




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BN011810.D
Acq: 15 Sep 2020 21:05

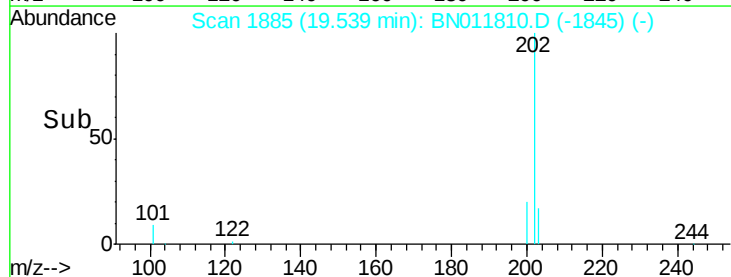
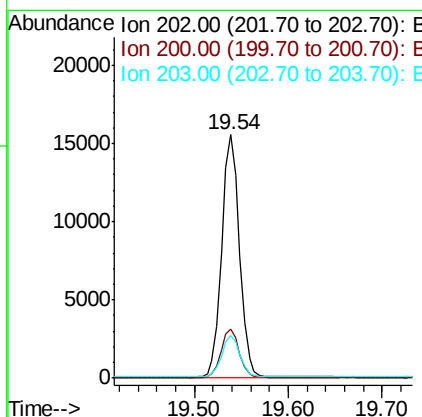
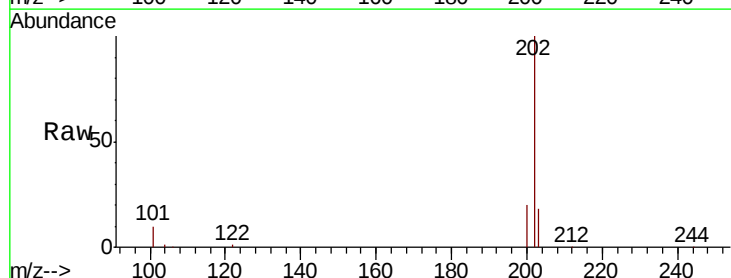
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

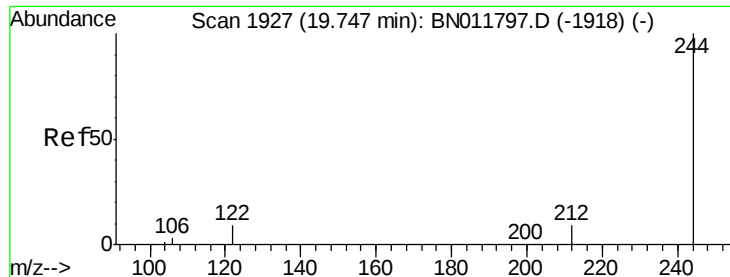
Tot Ion:240 Resp: 14503
Ion Ratio Lower Upper
240 100
120 11.7 3.5 5.3#
236 27.5 20.5 30.7



#30
Pyrene
Concen: 0.394 ng
RT: 19.54 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BN011810.D
Acq: 15 Sep 2020 21:05

Tgt Ion:202 Resp: 20236
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.4 13.9 20.9





#31

Terphenyl-d14

Concen: 0.614 ng

RT: 19.75 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

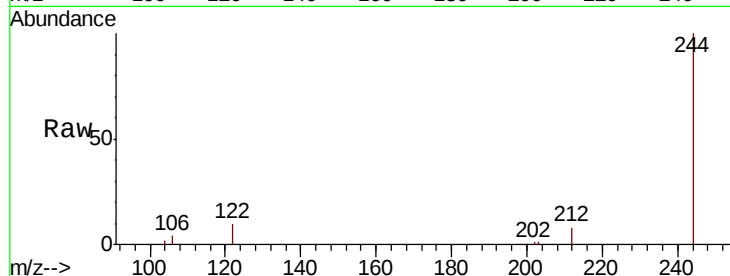
Tot Ion:244 Resp: 24282

Ion Ratio Lower Upper

244 100

212 8.3 7.3 10.9

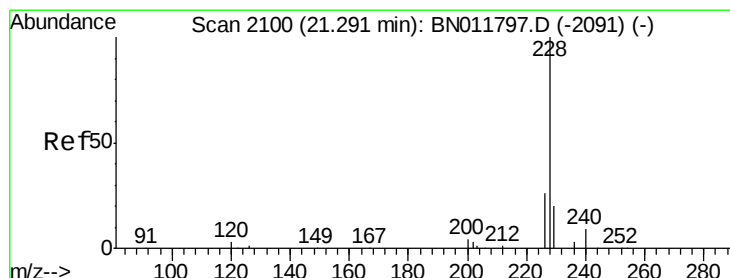
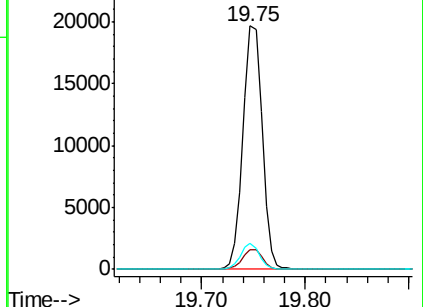
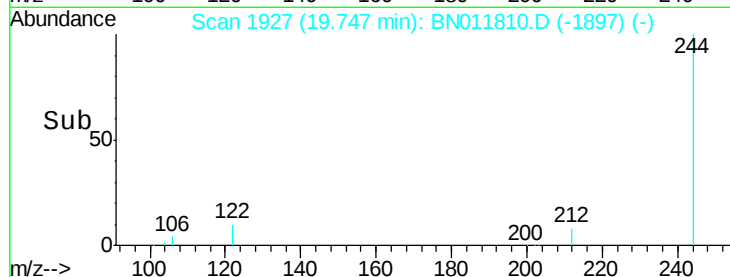
122 10.5 7.8 11.6



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: 0.443 ng

RT: 21.29 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

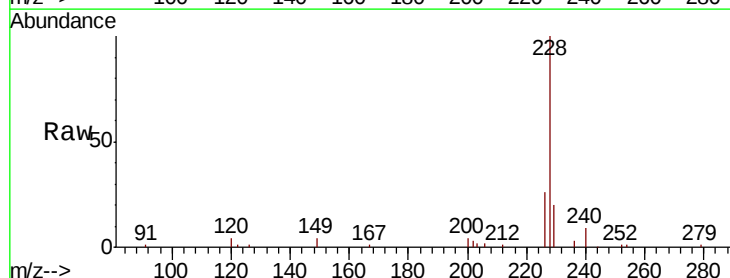
Tgt Ion:228 Resp: 23434

Ion Ratio Lower Upper

228 100

226 26.3 21.0 31.4

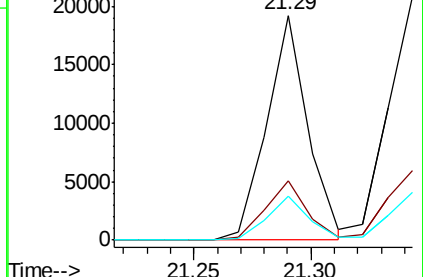
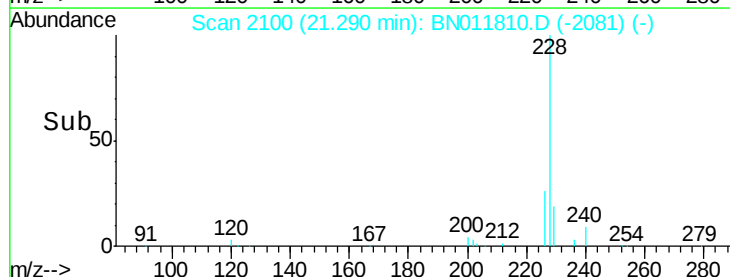
229 19.6 16.0 24.0

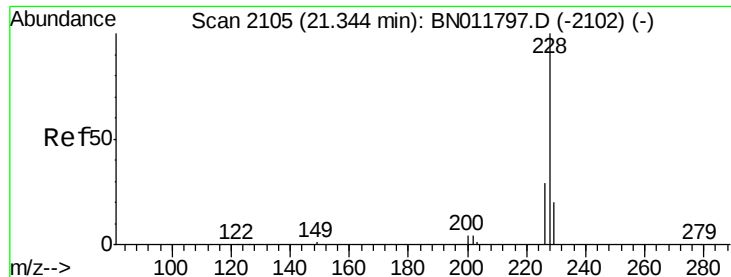


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.458 ng

RT: 21.34 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

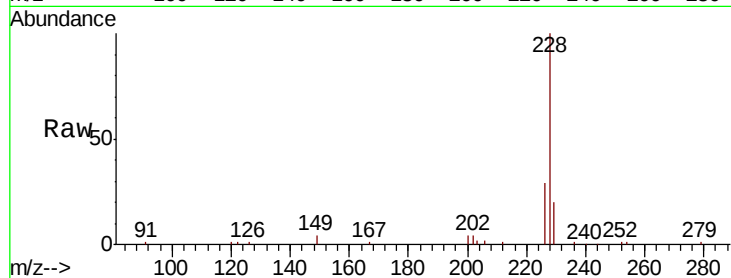
Tot Ion:228 Resp: 25378

Ion Ratio Lower Upper

228 100

226 28.8 23.3 34.9

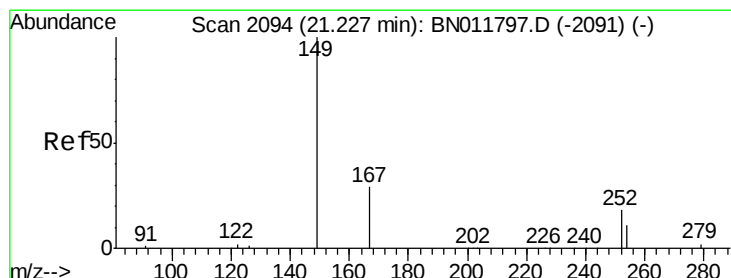
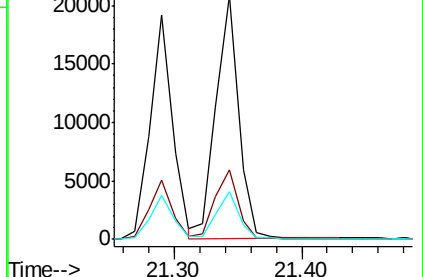
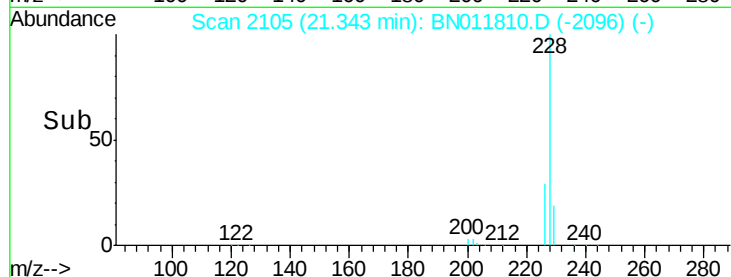
229 19.7 15.8 23.8



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.421 ng

RT: 21.23 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

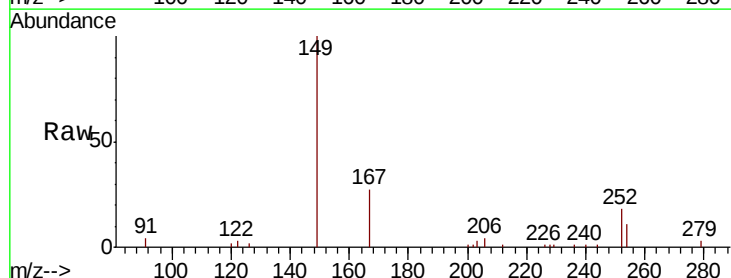
Tgt Ion:149 Resp: 9979

Ion Ratio Lower Upper

149 100

167 29.2 23.6 35.4

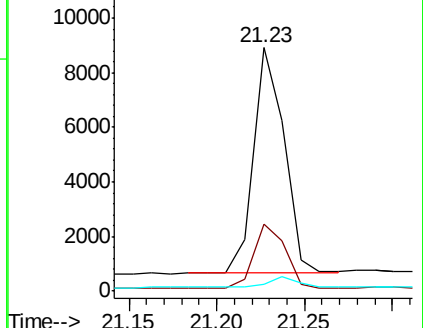
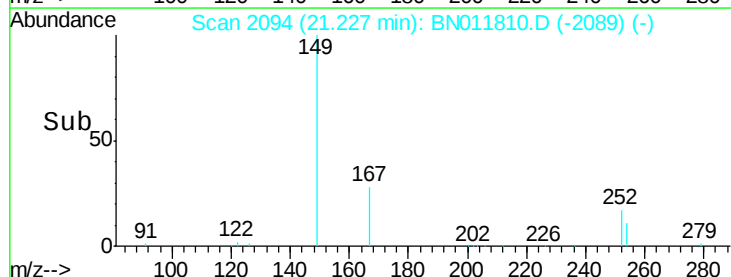
279 4.8 4.0 6.0

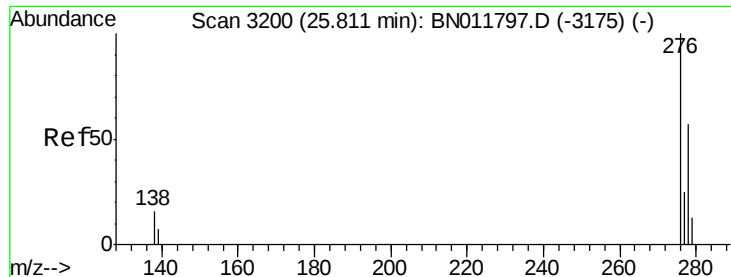


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

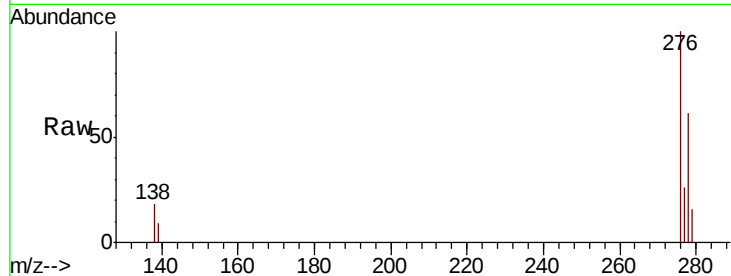




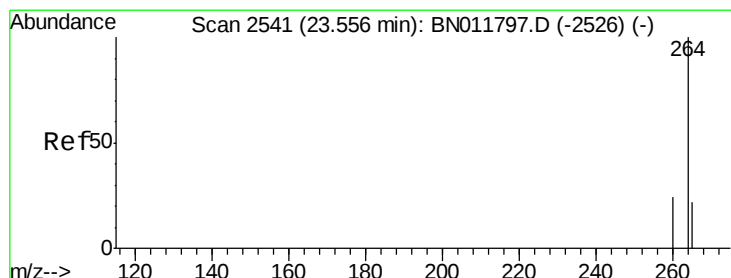
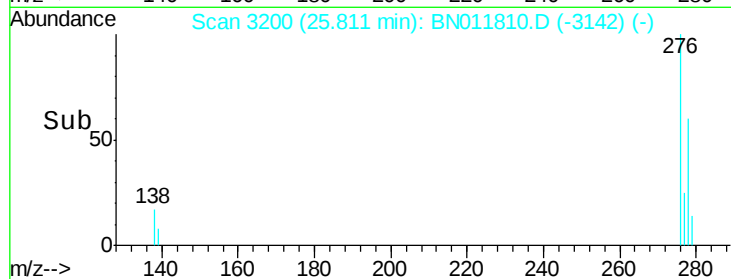
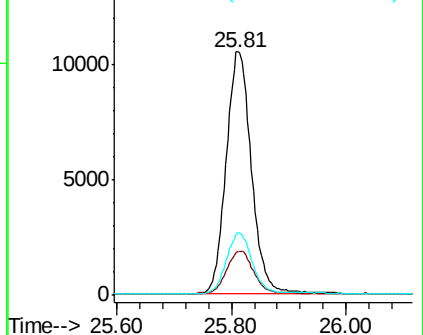
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.444 ng
 RT: 25.81 min Scan# 3200
 Delta R.T. -0.00 min
 Lab File: BN011810.D
 Acq: 15 Sep 2020 21:05

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 32290
 Ion Ratio Lower Upper
 276 100
 138 18.5 13.0 19.4
 277 25.1 20.0 30.0

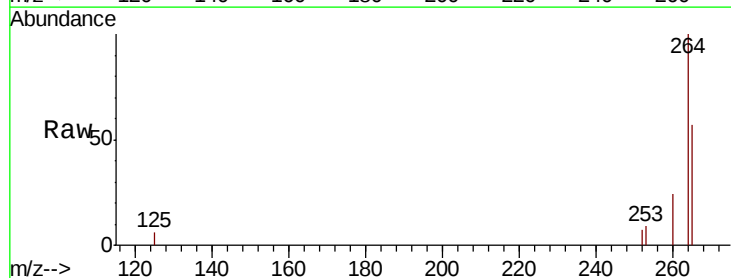


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

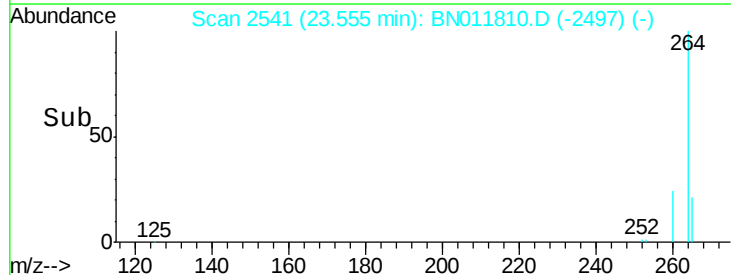
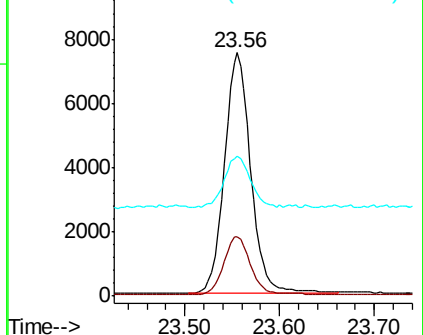


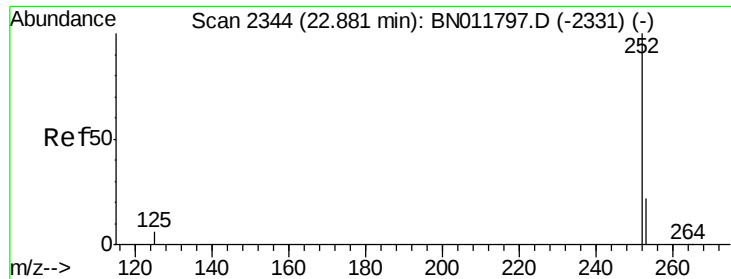
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BN011810.D
 Acq: 15 Sep 2020 21:05

Tgt Ion:264 Resp: 14472
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 57.4 38.6 58.0



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

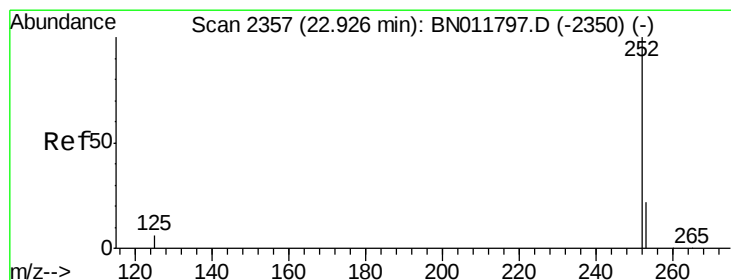
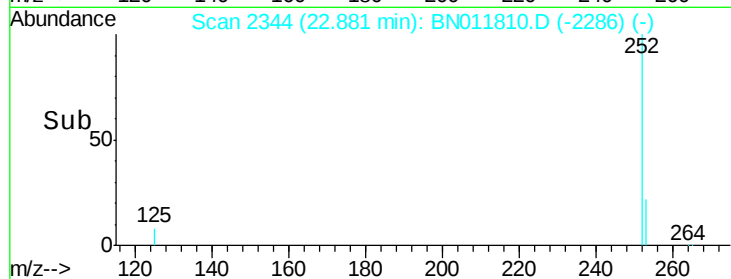
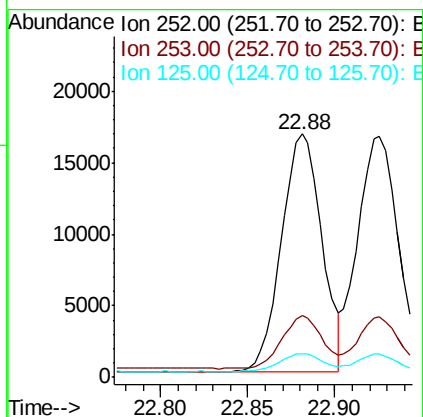
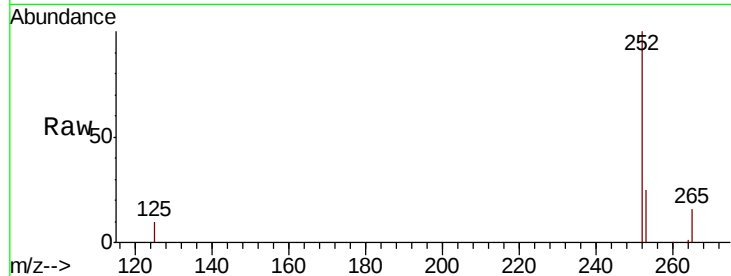




#37
Benzo(b)fluoranthene
Concen: 0.451 ng
RT: 22.88 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BN011810.D
Acq: 15 Sep 2020 21:05

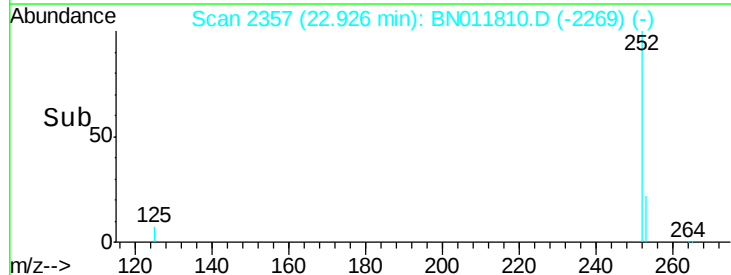
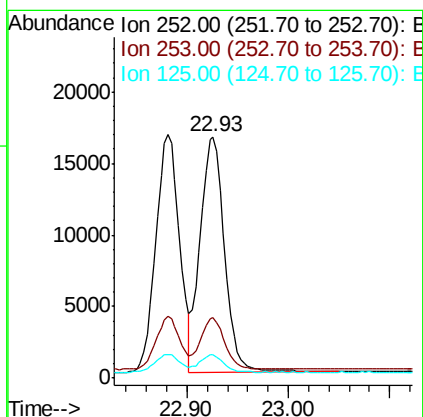
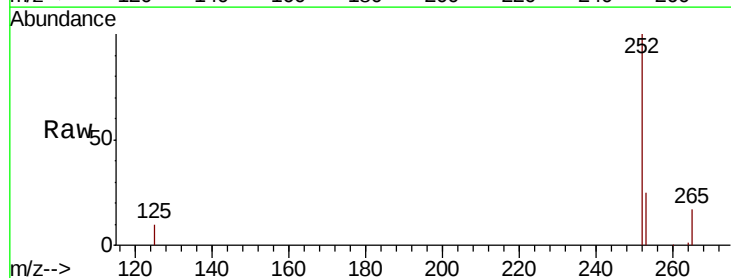
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

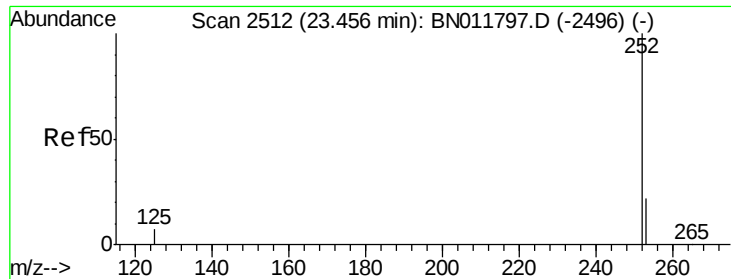
Tot Ion:252 Resp: 26924
Ion Ratio Lower Upper
252 100
253 25.2 19.1 28.7
125 9.9 6.2 9.2#



#38
Benzo(k)fluoranthene
Concen: 0.457 ng
RT: 22.93 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BN011810.D
Acq: 15 Sep 2020 21:05

Tgt Ion:252 Resp: 27343
Ion Ratio Lower Upper
252 100
253 25.2 19.3 28.9
125 9.6 6.0 9.0#





#39

Benzo(a)pyrene

Concen: 0.452 ng

RT: 23.46 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

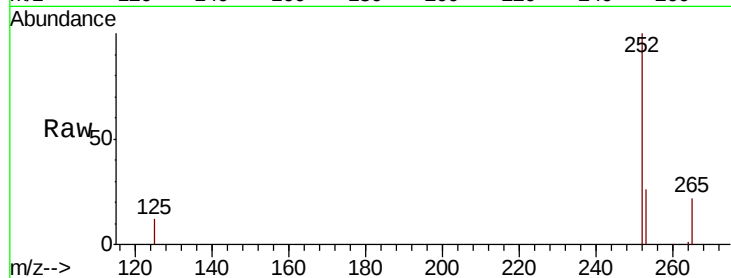
Tot Ion:252 Resp: 23670

Ion Ratio Lower Upper

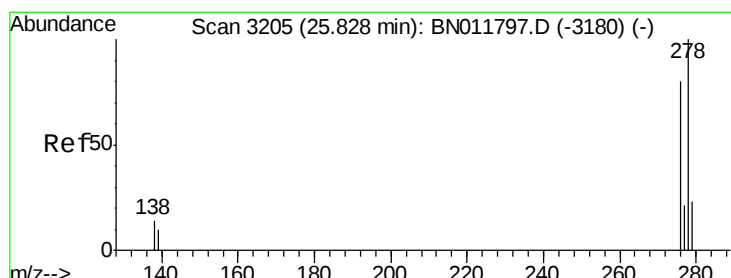
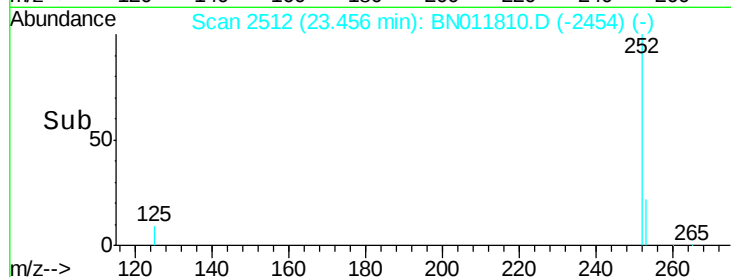
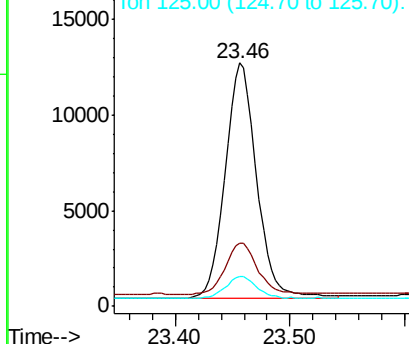
252 100

253 26.1 19.8 29.6

125 12.1 7.3 10.9#



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: 0.451 ng

RT: 25.82 min Scan# 3204

Delta R.T. -0.00 min

Lab File: BN011810.D

Acq: 15 Sep 2020 21:05

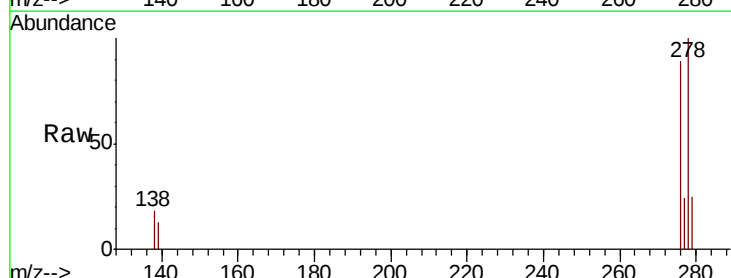
Tgt Ion:278 Resp: 27310

Ion Ratio Lower Upper

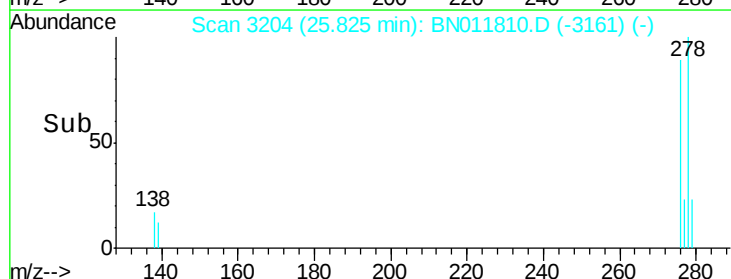
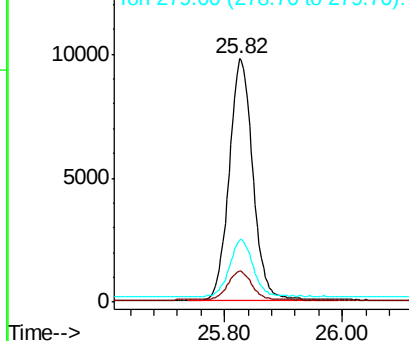
278 100

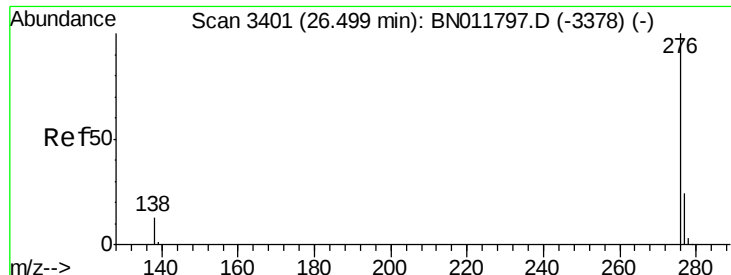
139 13.0 8.6 13.0#

279 25.2 19.8 29.8



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: 0.446 ng

RT: 26.50 min Scan# 3401

Delta R.T. -0.00 min

Lab File: BN011810.D

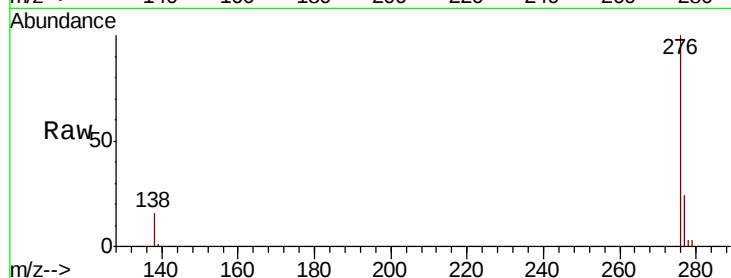
Acq: 15 Sep 2020 21:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



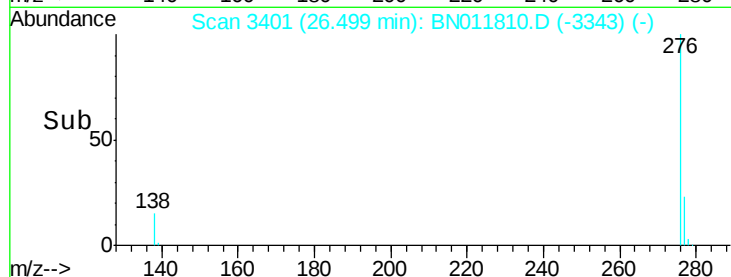
Tot Ion: 276 Resp: 26962

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 15.7 11.3 16.9



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

