

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011764.D
 Acq On : 09 Sep 2020 12:55
 Operator : CG/JU
 Sample : PB131470BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131470BS

Quant Time: Sep 09 13:26:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 10:54:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2231	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	8126	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	4795	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	10494	0.40	ng	0.00
29) Chrysene-d12	21.31	240	10228	0.40	ng	0.00
36) Perylene-d12	23.56	264	9528	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2150	0.34	ng	0.00
5) Phenol-d6	6.89	99	2883	0.34	ng	0.00
8) Nitrobenzene-d5	8.87	82	3009	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	5283	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	789	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7656	0.38	ng	0.00
27) Fluoranthene-d10	19.15	212	11106	0.33	ng	0.00
31) Terphenyl-d14	19.75	244	9563	0.38	ng	0.00

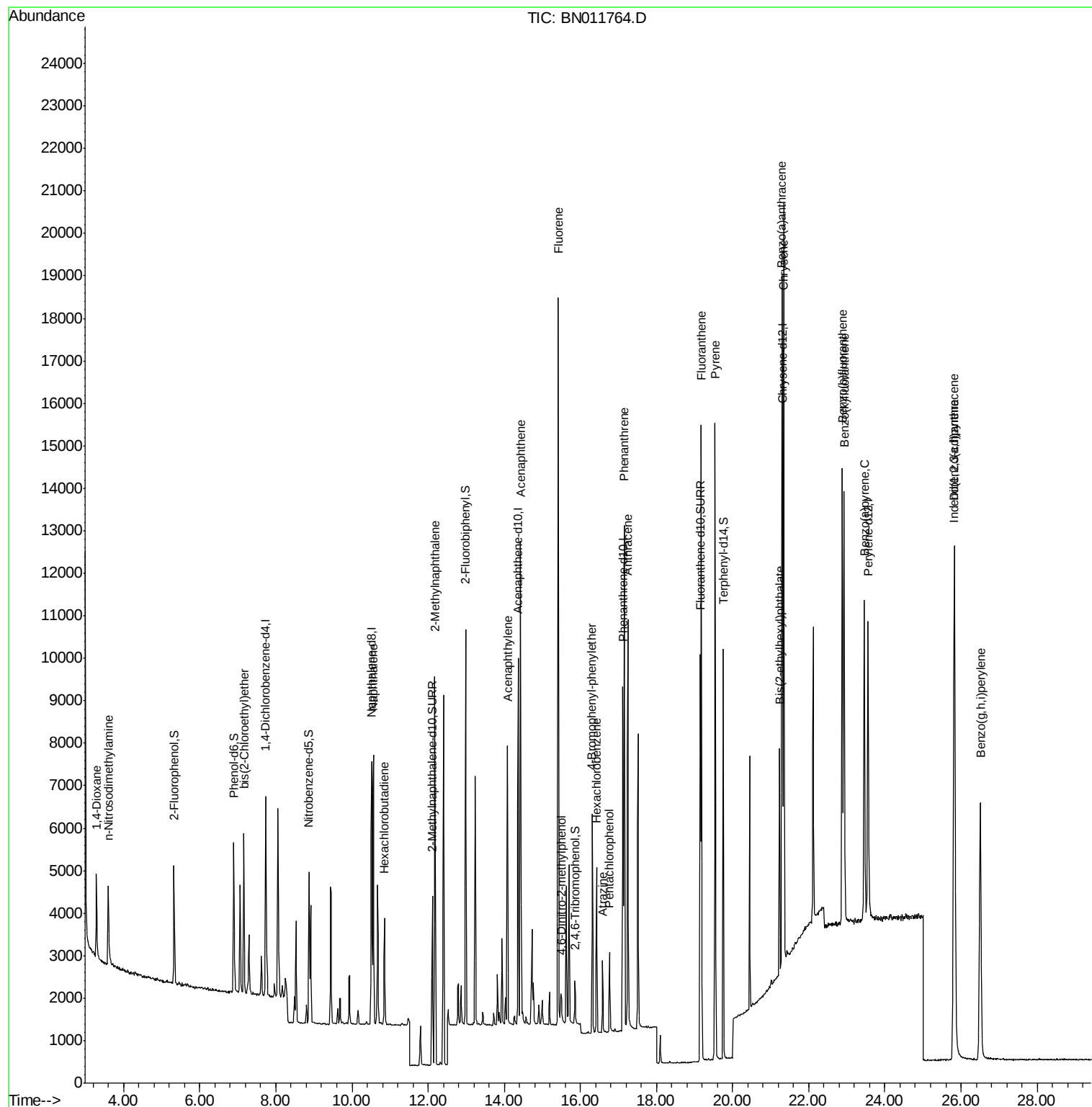
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1237	0.345	ng	96
3) n-Nitrosodimethylamine	3.59	42	1577	0.381	ng	99
6) bis(2-Chloroethyl)ether	7.16	93	2534	0.364	ng	99
9) Naphthalene	10.57	128	8568	0.369	ng	99
10) Hexachlorobutadiene	10.86	225	1995	0.391	ng	# 96
12) 2-Methylnaphthalene	12.18	142	6009	0.363	ng	98
16) Acenaphthylene	14.09	152	8459	0.362	ng	99
17) Acenaphthene	14.43	154	5931	0.368	ng	99
18) Fluorene	15.42	166	7474	0.362	ng	98
20) 4,6-Dinitro-2-methylphenol	15.50	198	584	0.361	ng	94
21) 4-Bromophenyl-phenylether	16.31	248	2285	0.372	ng	# 84
22) Hexachlorobenzene	16.42	284	2908	0.383	ng	98
23) Atrazine	16.58	200	1281	0.237	ng	97
24) Pentachlorophenol	16.76	266	914	0.303	ng	98
25) Phenanthrene	17.15	178	12209	0.360	ng	100
26) Anthracene	17.25	178	10610	0.352	ng	100
28) Fluoranthene	19.18	202	13550	0.337	ng	100
30) Pyrene	19.54	202	13491	0.379	ng	100
32) Benzo(a)anthracene	21.29	228	12404	0.340	ng	98
33) Chrysene	21.34	228	13446	0.357	ng	98
34) Bis(2-ethylhexyl)phthalate	21.24	149	4878	0.328	ng	99
35) Indeno(1,2,3-cd)pyrene	25.81	276	15518	0.316	ng	99
37) Benzo(b)fluoranthene	22.88	252	13884	0.380	ng	96
38) Benzo(k)fluoranthene	22.93	252	13467	0.360	ng	96
39) Benzo(a)pyrene	23.46	252	11421	0.350	ng	94
40) Dibenzo(a,h)anthracene	25.83	278	12847	0.348	ng	97
41) Benzo(g,h,i)perylene	26.51	276	13267	0.367	ng	100

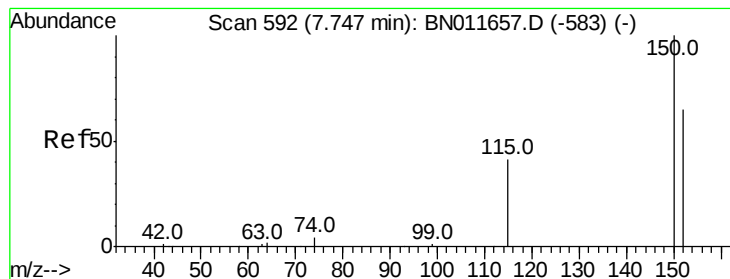
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
Data File : BN011764.D
Acq On : 09 Sep 2020 12:55
Operator : CG/JU
Sample : PB131470BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB131470BS

Quant Time: Sep 09 13:26:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 10:54:46 2020
Response via : Initial Calibration



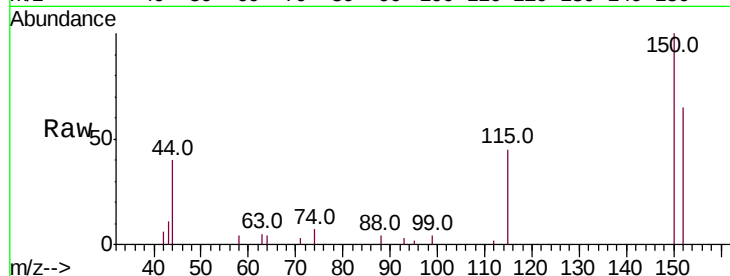


#1

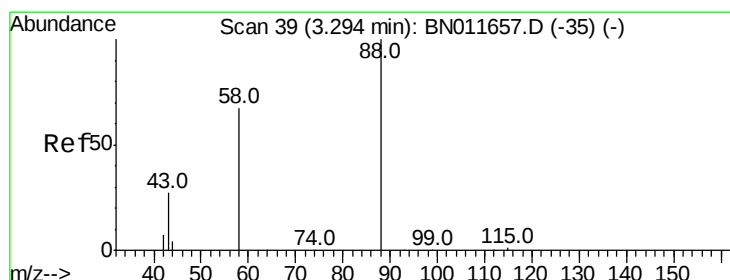
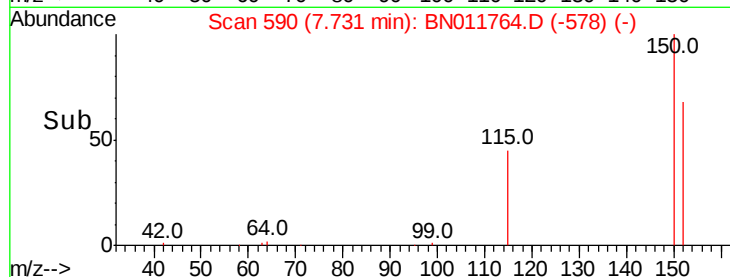
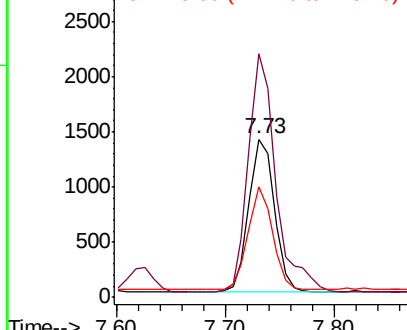
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN011764.D
Acq: 09 Sep 2020 12:55

Instrument :
BNA_N
ClientSampleId :
PB131470BS

Tot Ion:152 Resp: 2231
Ion Ratio Lower Upper
152 100
150 154.0 121.0 181.6
115 69.7 52.6 78.8



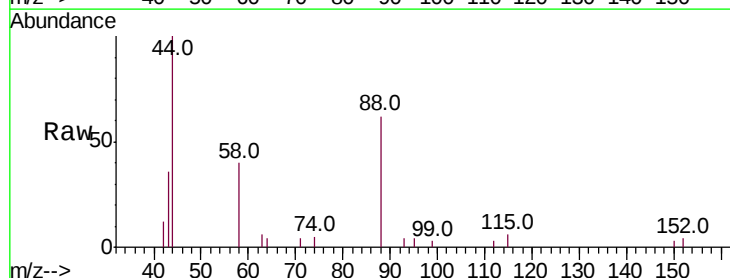
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



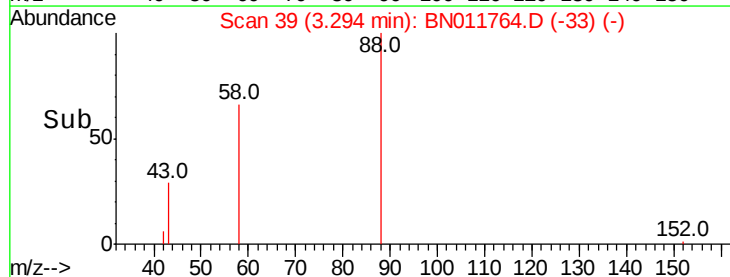
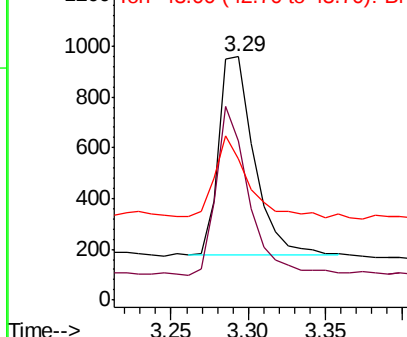
#2

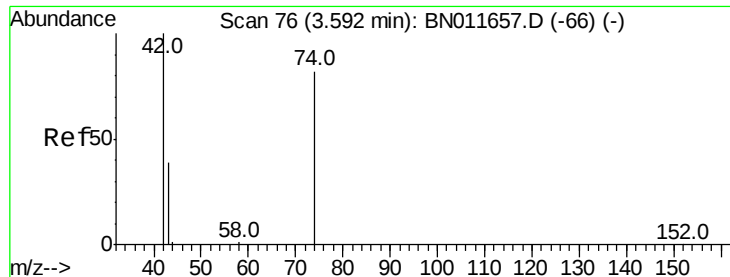
1,4-Dioxane
Concen: 0.345 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011764.D
Acq: 09 Sep 2020 12:55

Tgt Ion: 88 Resp: 1237
Ion Ratio Lower Upper
88 100
58 80.1 61.4 92.0
43 39.3 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



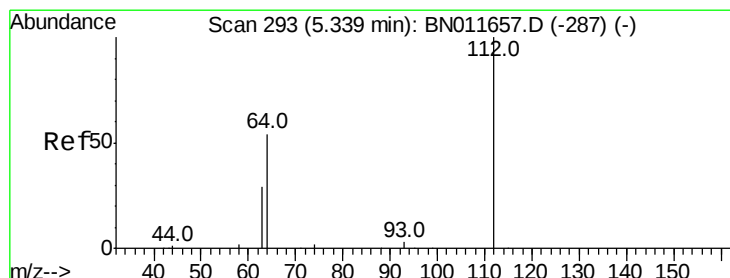
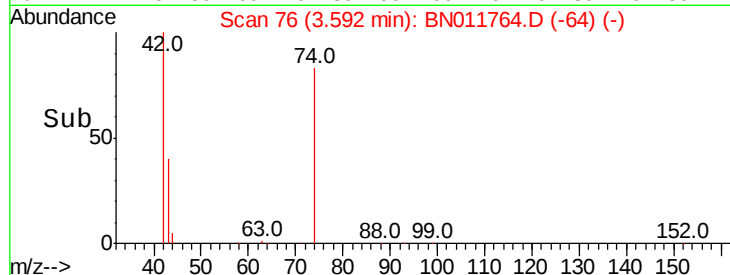
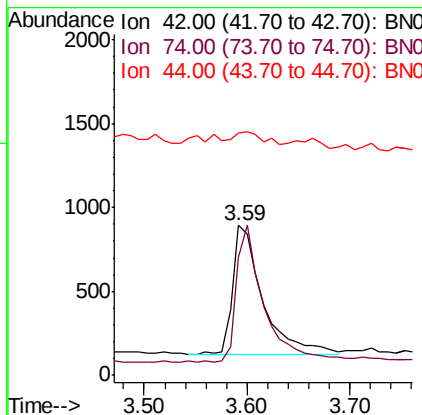
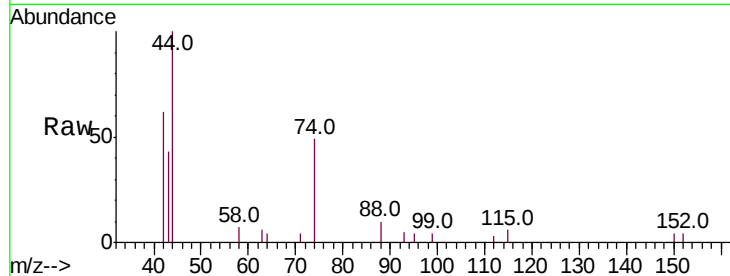


#3

n-Nitrosodimethylamine
 Concen: 0.381 ng
 RT: 3.59 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BN011764.D
 Acq: 09 Sep 2020 12:55

Instrument :
 BNA_N
 ClientSampleId :
 PB131470BS

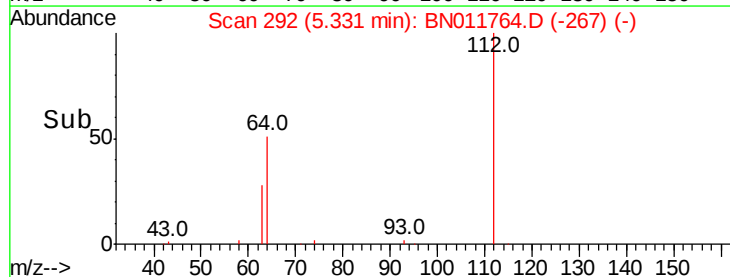
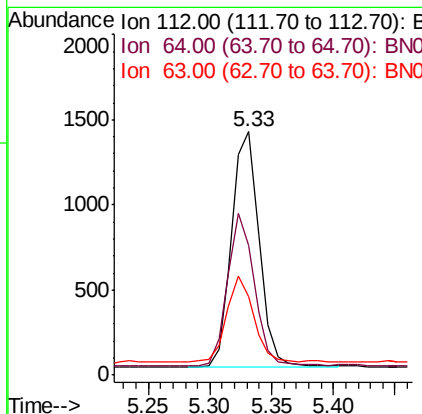
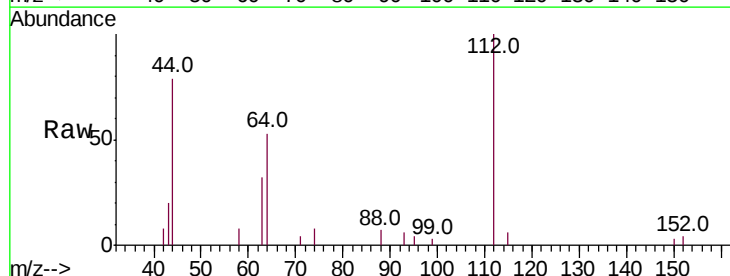
Tot Ion: 42 Resp: 1577
 Ion Ratio Lower Upper
 42 100
 74 98.1 79.0 118.6
 44 11.0 8.1 12.1

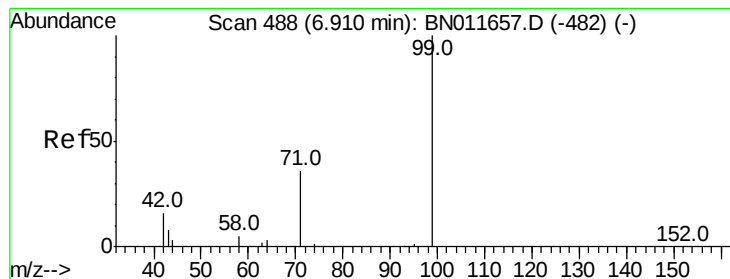


#4

2-Fluorophenol
 Concen: 0.341 ng
 RT: 5.33 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BN011764.D
 Acq: 09 Sep 2020 12:55

Tgt Ion: 112 Resp: 2150
 Ion Ratio Lower Upper
 112 100
 64 62.8 49.7 74.5
 63 36.1 29.4 44.0





#5

Phenol-d6

Concen: 0.337 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

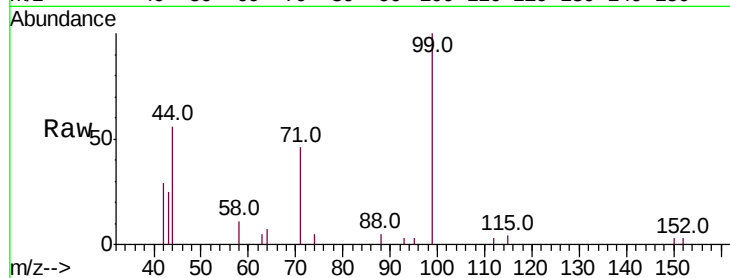
Tot Ion: 99 Resp: 2883

Ion Ratio Lower Upper

99 100

42 25.2 20.2 30.2

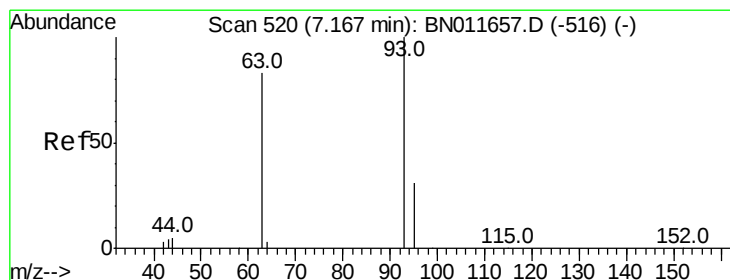
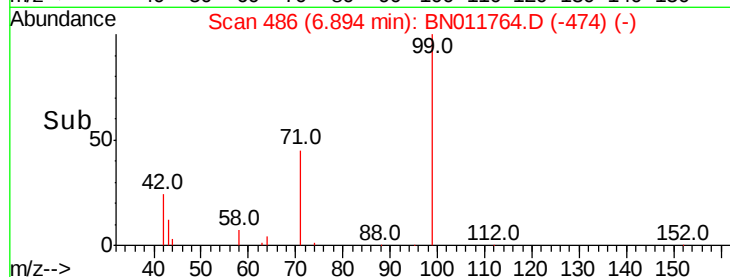
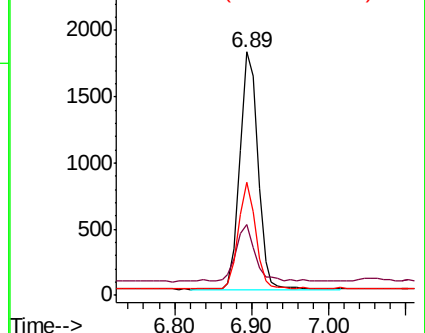
71 42.4 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011764.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011764.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011764.D (-482) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.364 ng

RT: 7.16 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

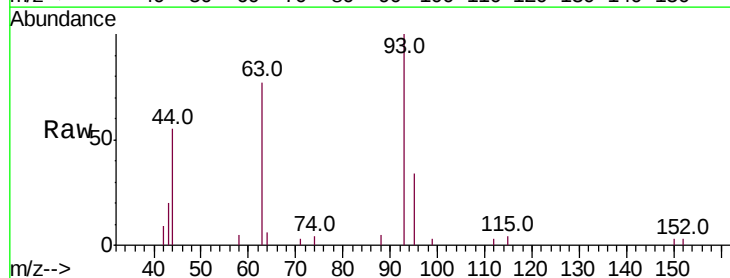
Tgt Ion: 93 Resp: 2534

Ion Ratio Lower Upper

93 100

63 78.1 62.2 93.4

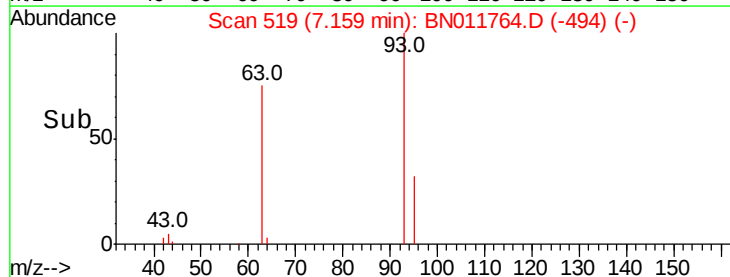
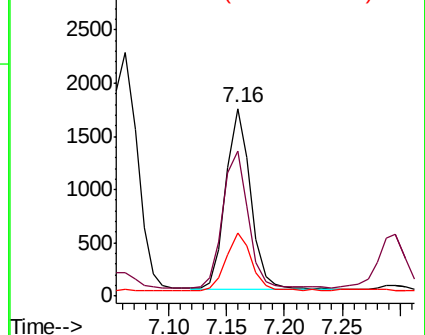
95 32.4 26.6 39.8

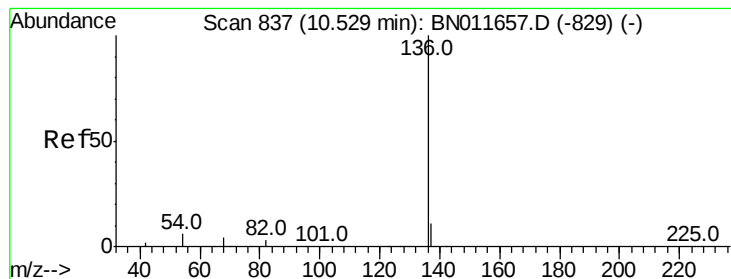


Abundance Ion 93.00 (92.70 to 93.70): BN011764.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN011764.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN011764.D (-516) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

Tot Ion:136 Resp: 8126

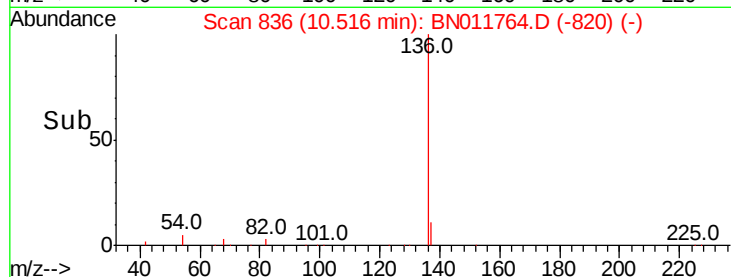
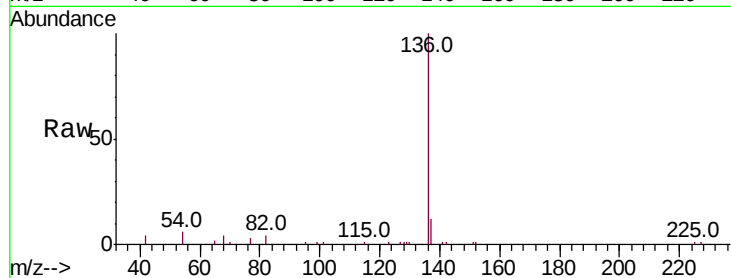
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 6.4 5.8 8.8

68 4.3 4.1 6.1

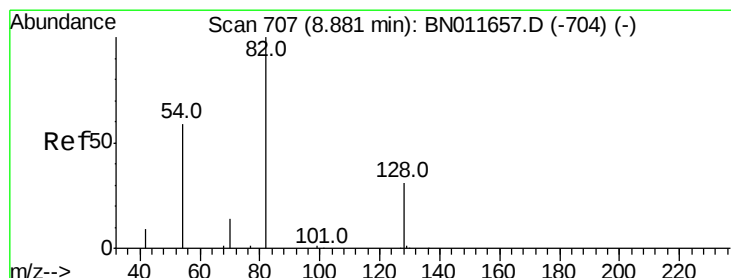
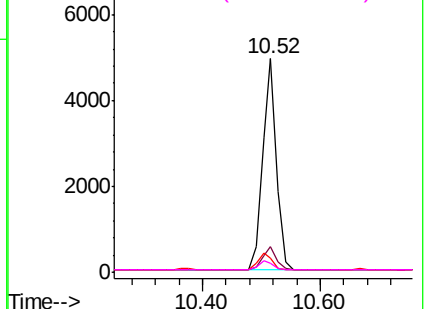


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

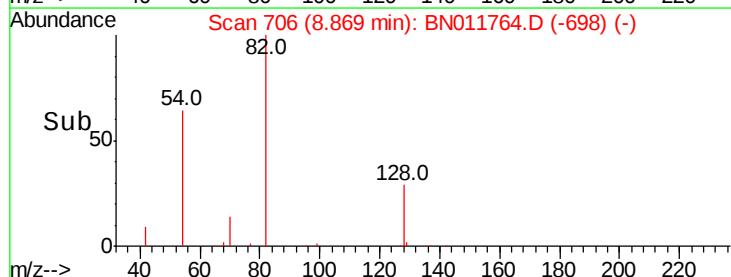
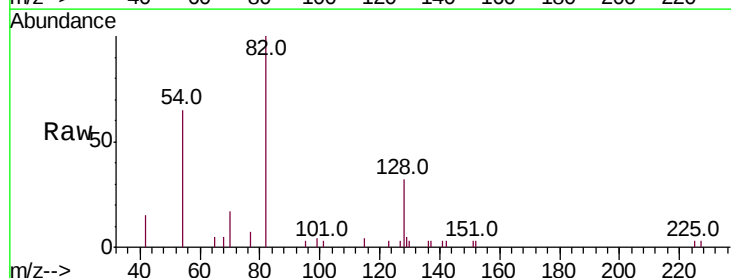
Tgt Ion: 82 Resp: 3009

Ion Ratio Lower Upper

82 100

128 32.3 26.2 39.2

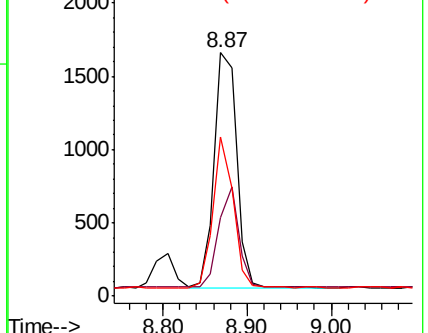
54 65.3 48.2 72.4

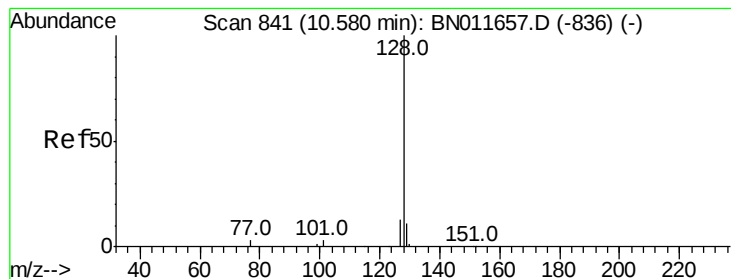


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.369 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

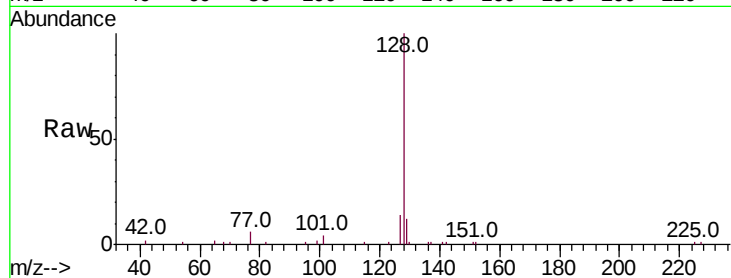
Tot Ion:128 Resp: 8568

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

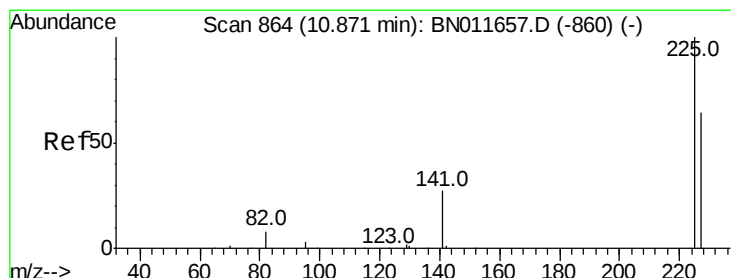
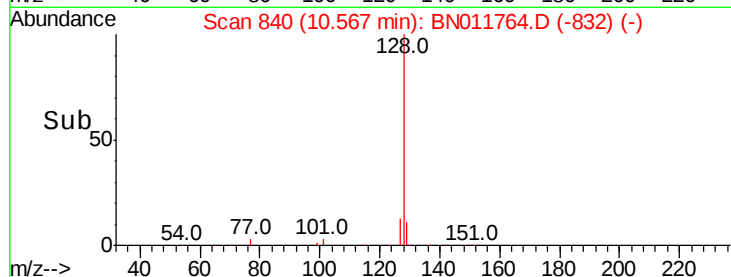
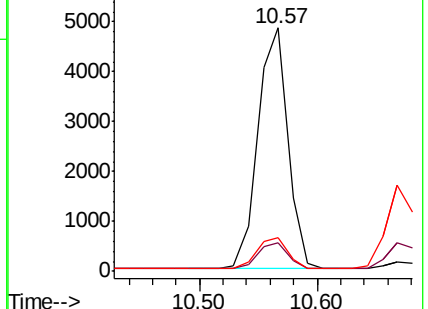
127 14.0 10.8 16.2



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: 0.391 ng

RT: 10.86 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

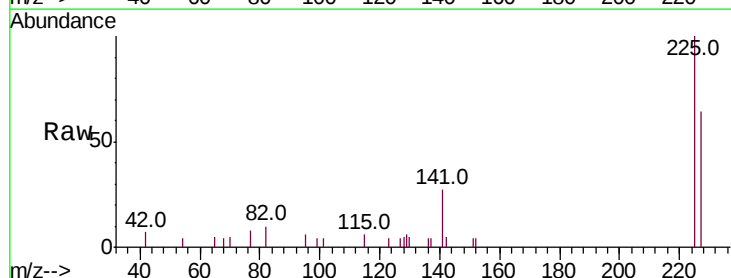
Tgt Ion:225 Resp: 1995

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

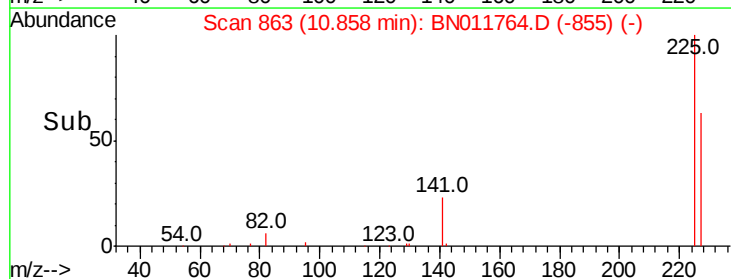
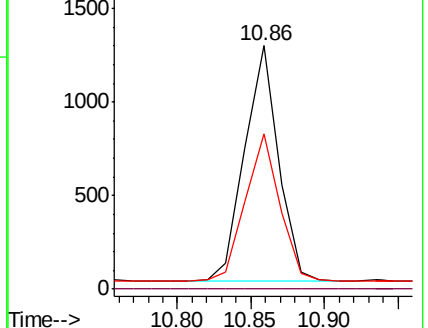
227 62.6 52.6 78.8

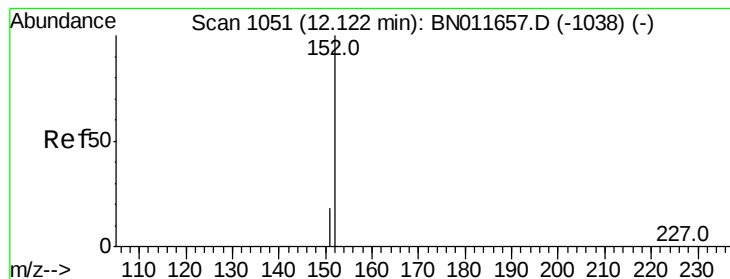


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.11 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

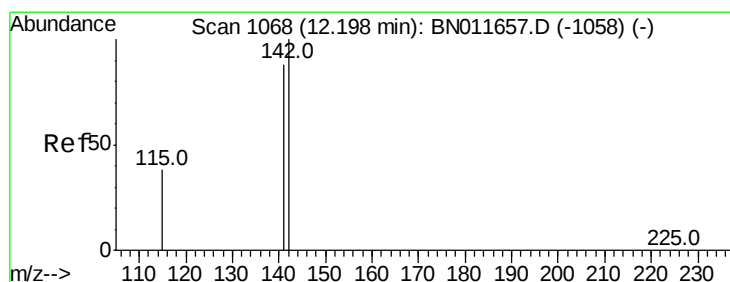
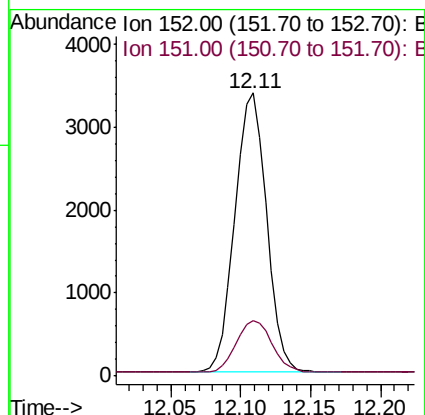
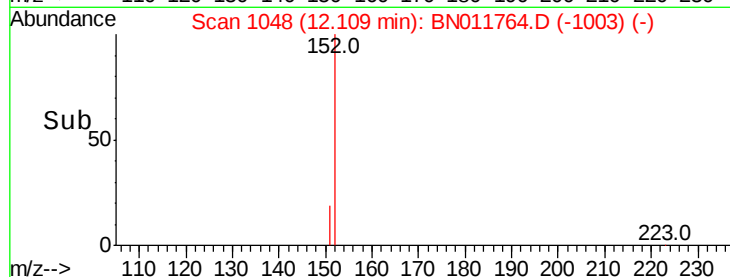
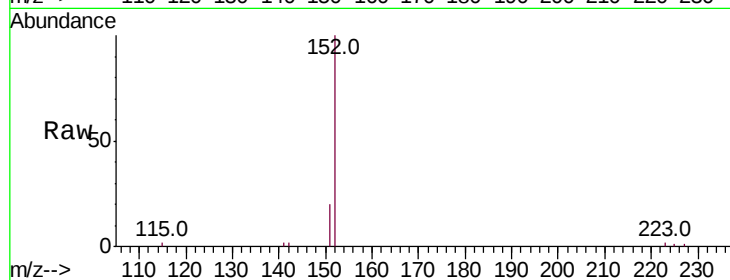
PB131470BS

Tot Ion:152 Resp: 5283

Ion Ratio Lower Upper

152 100

151 20.8 16.7 25.1



#12

2-Methylnaphthalene

Concen: 0.363 ng

RT: 12.18 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

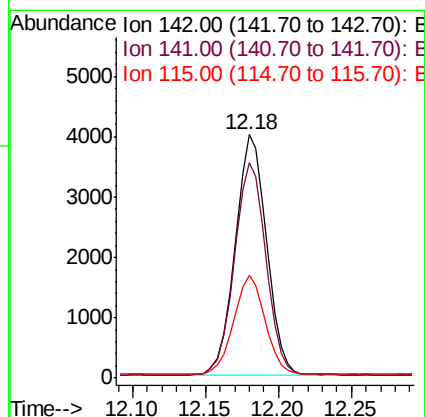
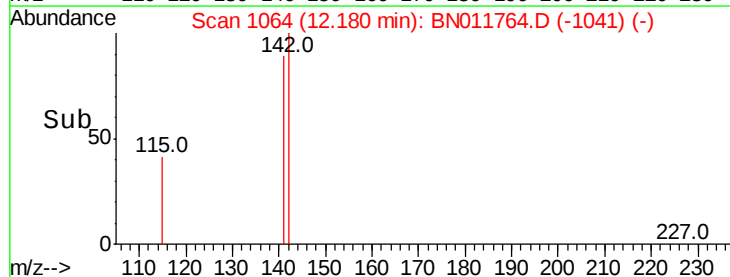
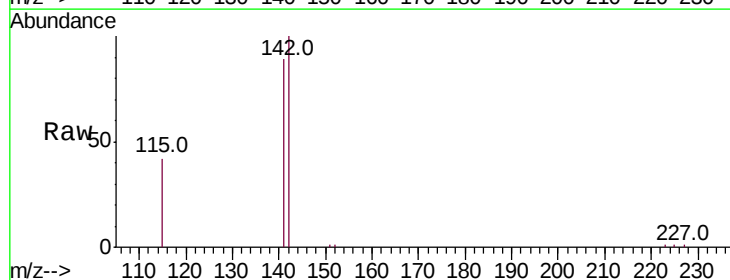
Tgt Ion:142 Resp: 6009

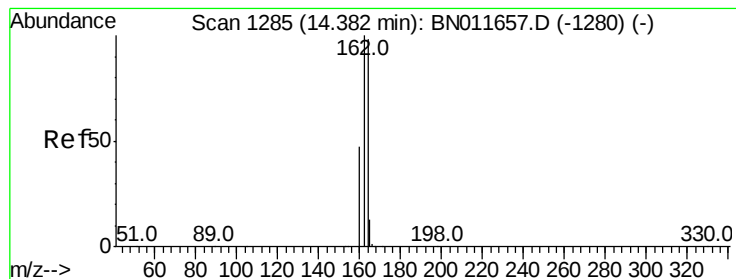
Ion Ratio Lower Upper

142 100

141 88.7 70.6 106.0

115 42.4 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

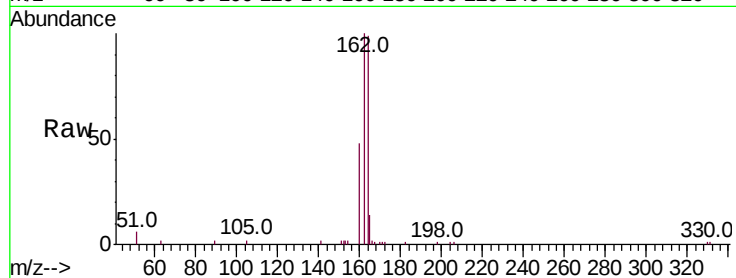
Tot Ion:164 Resp: 4795

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

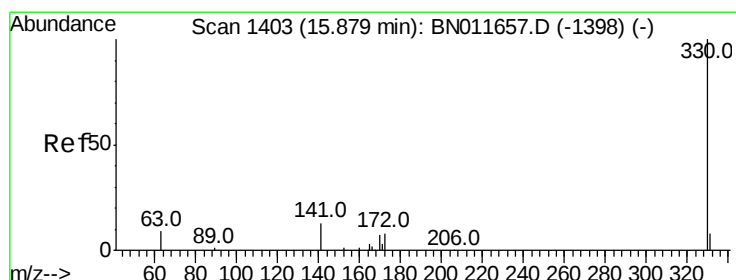
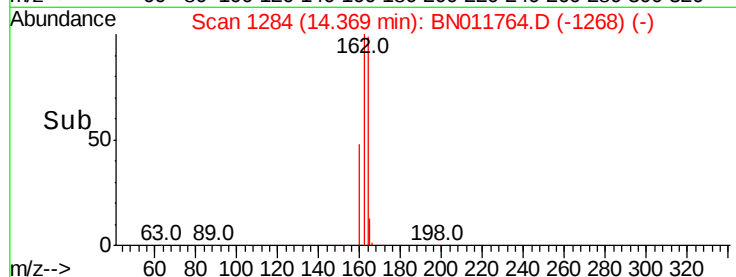
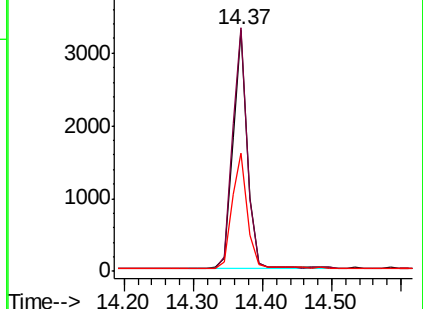
160 48.8 38.5 57.7



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: 0.339 ng

RT: 15.87 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

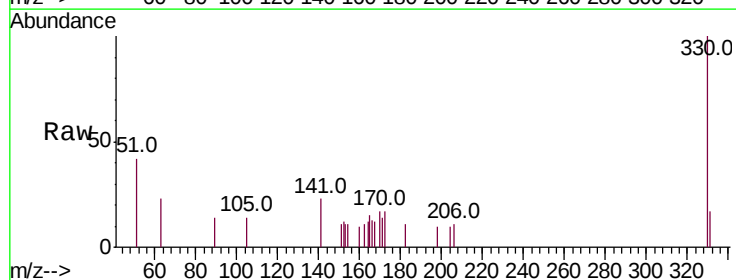
Tgt Ion:330 Resp: 789

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

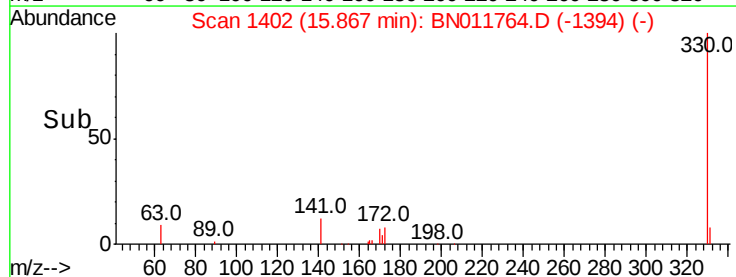
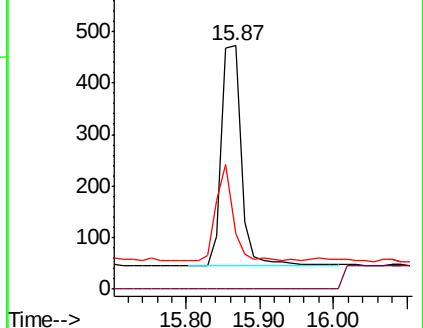
141 38.0 29.8 44.8

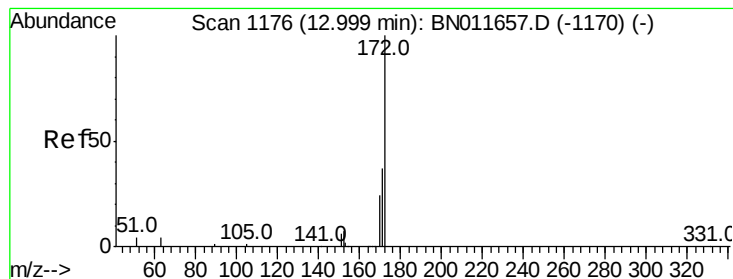


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.378 ng

RT: 12.99 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

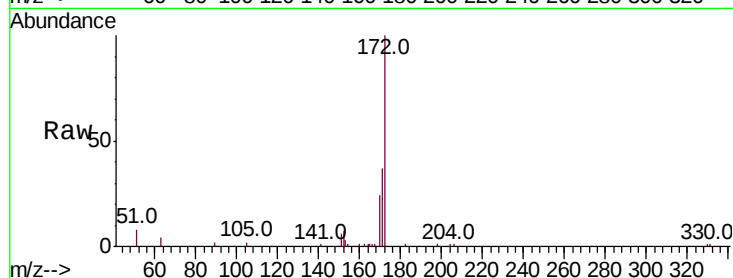
BNA_N

ClientSampleId :

PB131470BS

Tot Ion:172 Resp: 7656

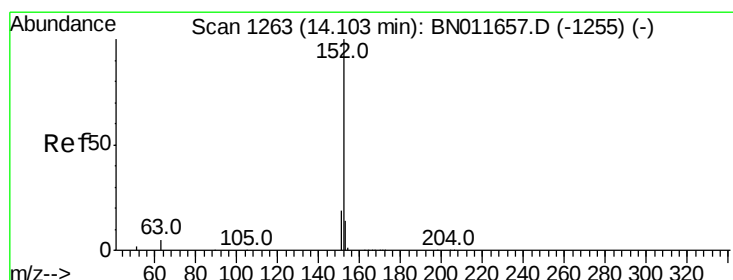
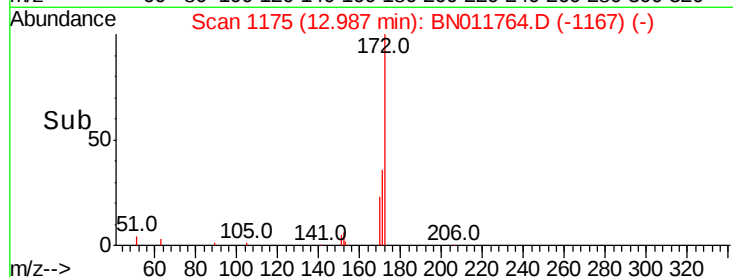
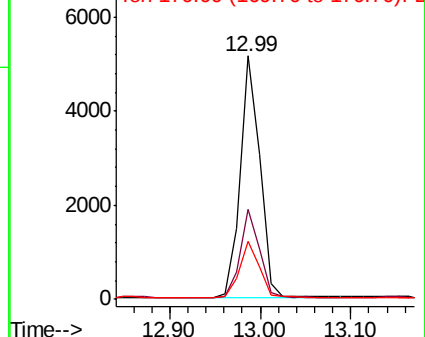
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.0	20.1	30.1



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: 0.362 ng

RT: 14.09 min Scan# 1262

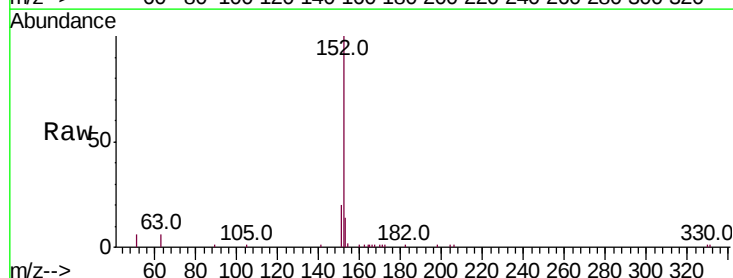
Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Tgt Ion:152 Resp: 8459

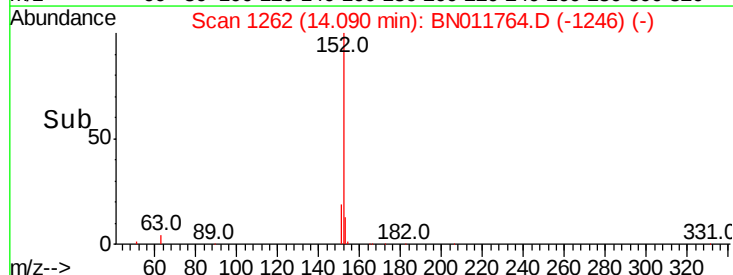
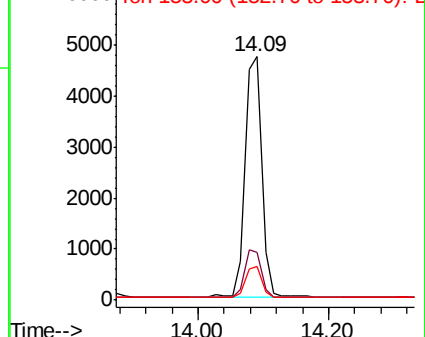
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	12.9	10.5	15.7

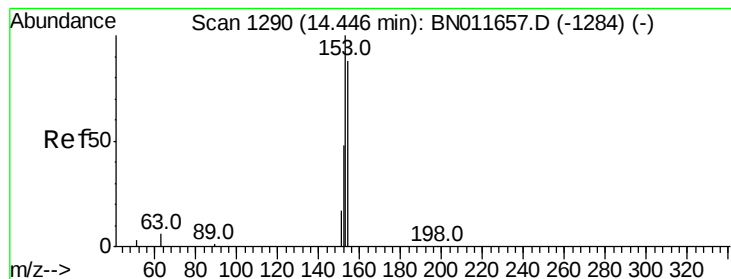


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.368 ng

RT: 14.43 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

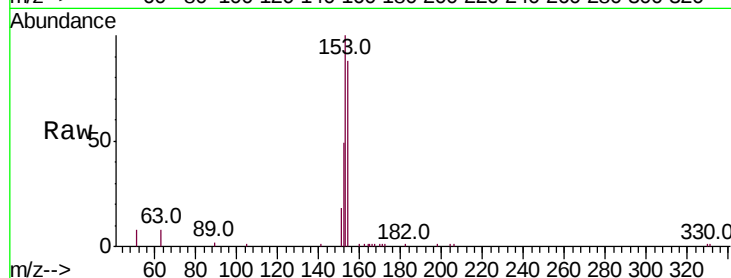
Tot Ion:154 Resp: 5931

Ion Ratio Lower Upper

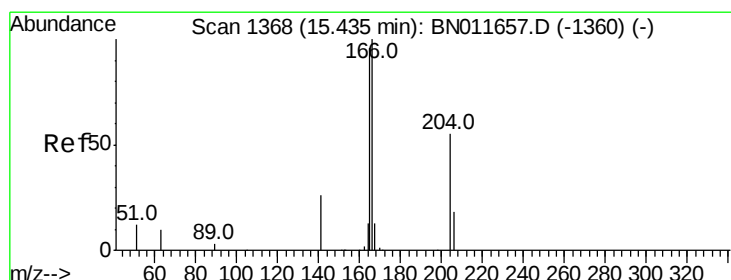
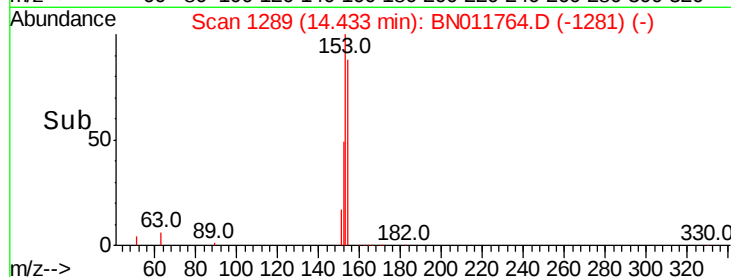
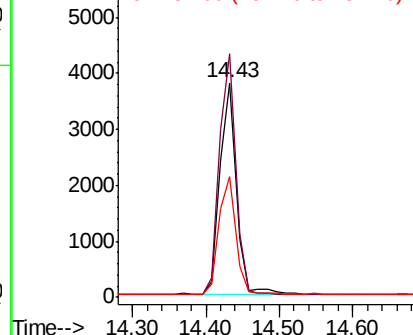
154 100

153 112.2 89.2 133.8

152 56.1 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: 0.362 ng

RT: 15.42 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

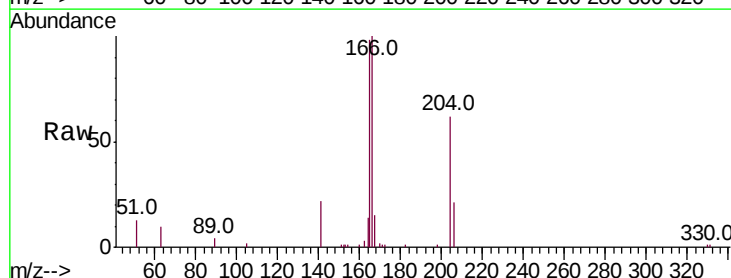
Tgt Ion:166 Resp: 7474

Ion Ratio Lower Upper

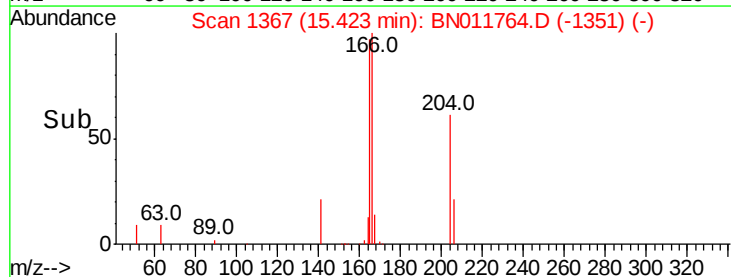
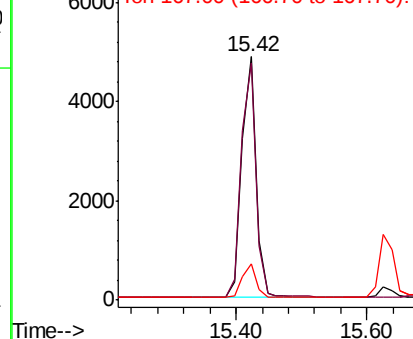
166 100

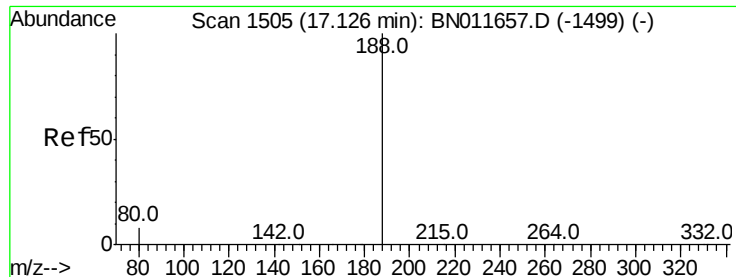
165 99.2 77.7 116.5

167 13.7 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: 17.11 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

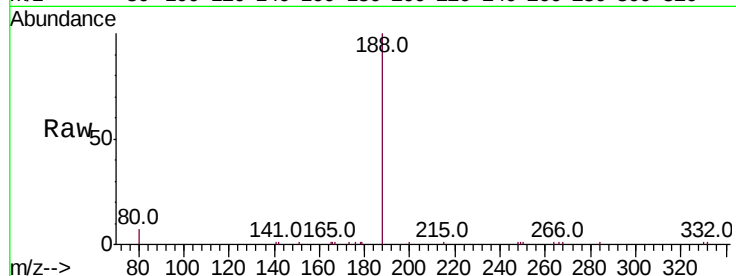
Tot Ion:188 Resp: 10494

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.9 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

10000

8000

6000

4000

2000

0

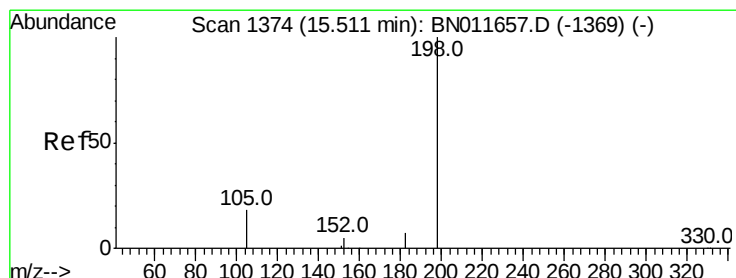
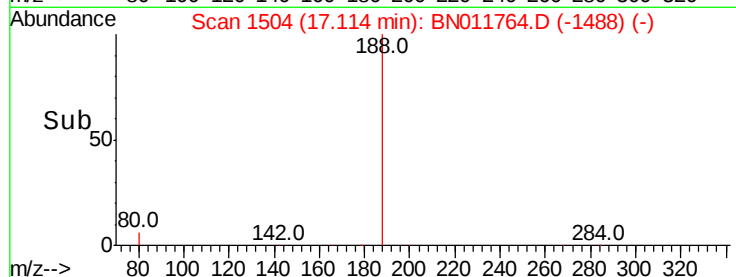
17.11

17.00

17.10

17.20

Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 0.361 ng

RT: 15.50 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

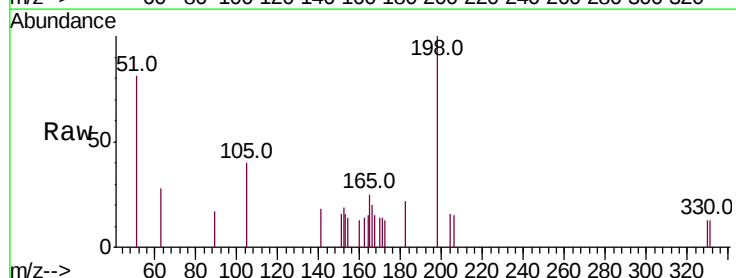
Tgt Ion:198 Resp: 584

Ion Ratio Lower Upper

198 100

51 80.6 58.6 87.8

105 39.6 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

2000

1500

1000

500

0

15.50

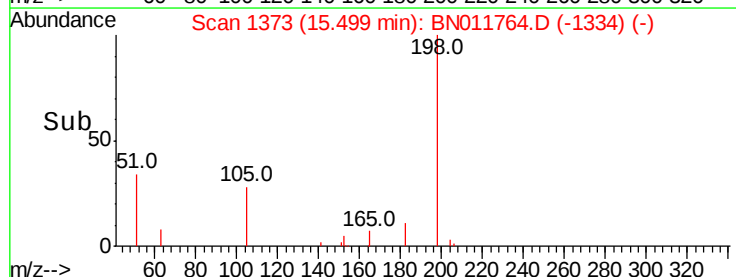
15.40

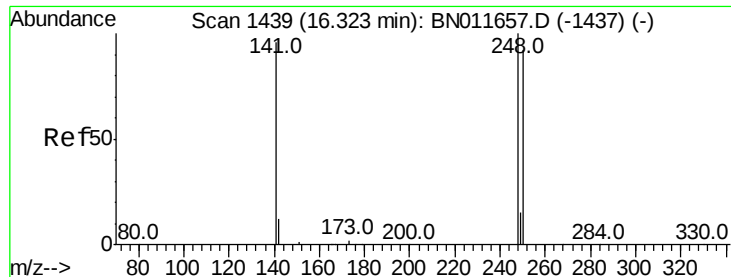
15.50

15.60

15.70

Time-->

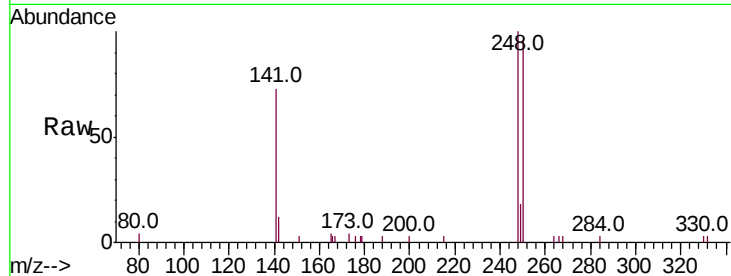




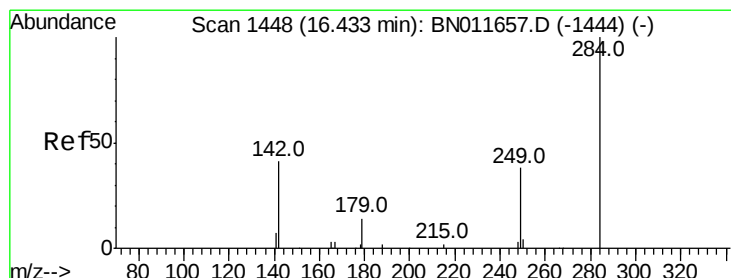
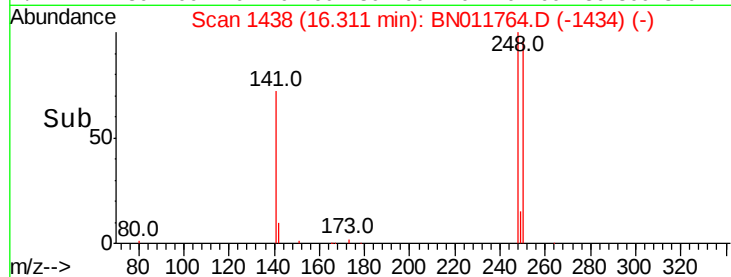
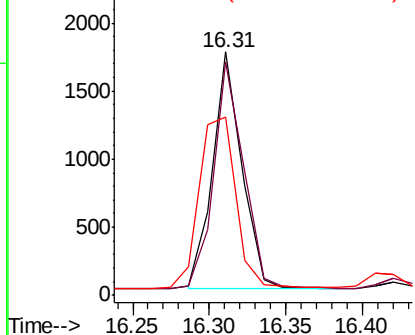
#21
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.31 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BN011764.D
Acq: 09 Sep 2020 12:55

Instrument :
BNA_N
ClientSampleId :
PB131470BS

Tot Ion:248 Resp: 2285
Ion Ratio Lower Upper
248 100
250 96.1 73.9 110.9
141 73.2 79.8 119.6#

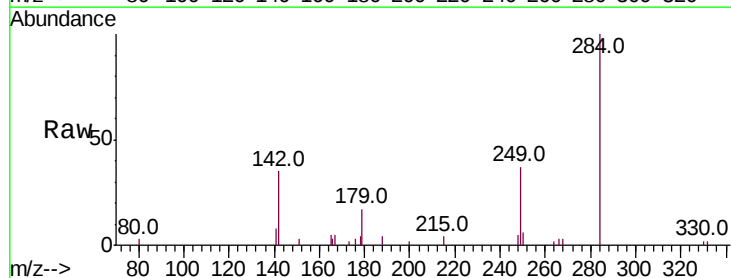


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

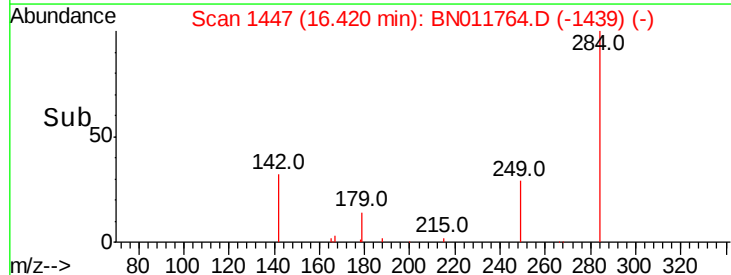
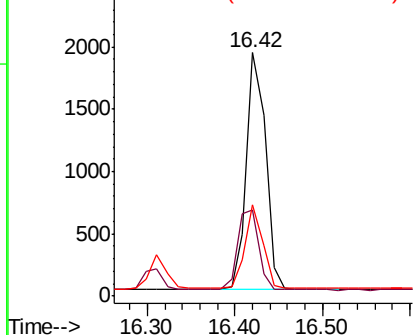


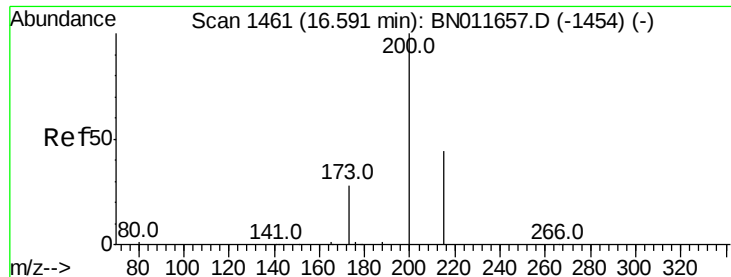
#22
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.42 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN011764.D
Acq: 09 Sep 2020 12:55

Tgt Ion:284 Resp: 2908
Ion Ratio Lower Upper
284 100
142 37.4 29.0 43.4
249 32.6 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: 0.237 ng

RT: 16.58 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

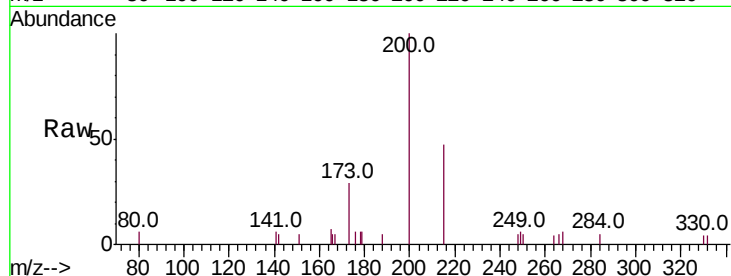
Tot Ion:200 Resp: 1281

Ion Ratio Lower Upper

200 100

173 28.6 24.3 36.5

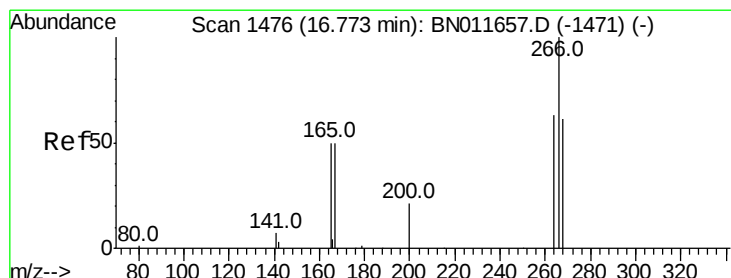
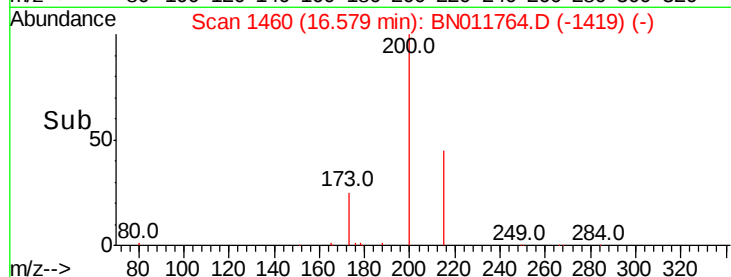
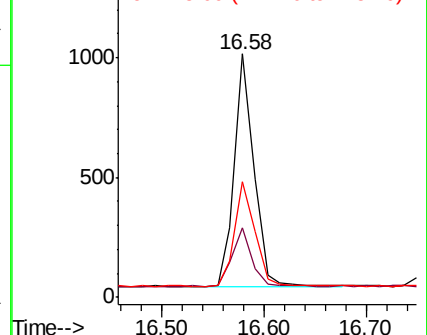
215 47.3 36.4 54.6



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: 0.303 ng

RT: 16.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

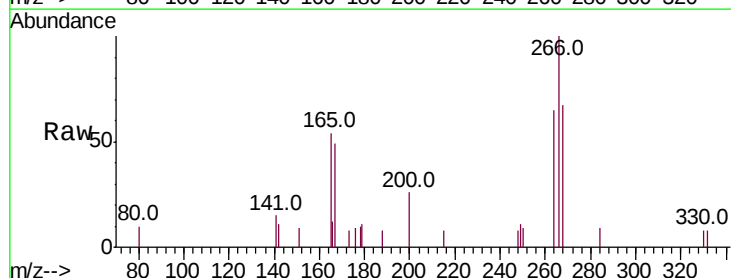
Tgt Ion:266 Resp: 914

Ion Ratio Lower Upper

266 100

264 62.6 49.5 74.3

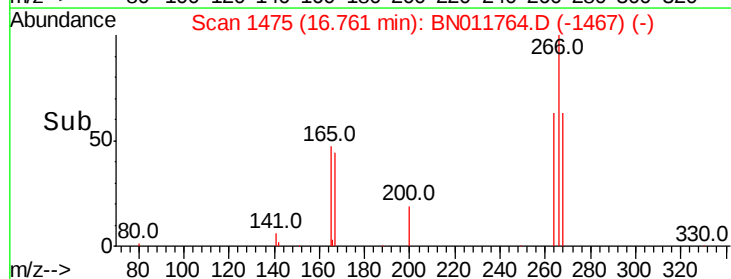
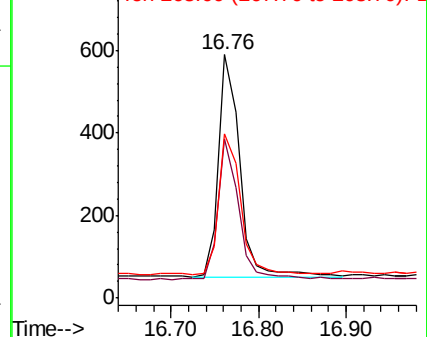
268 64.1 53.0 79.4

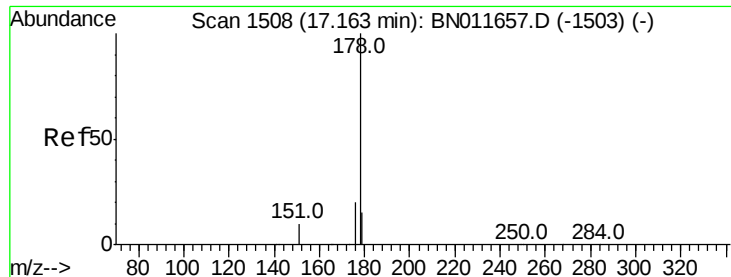


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.360 ng

RT: 17.15 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

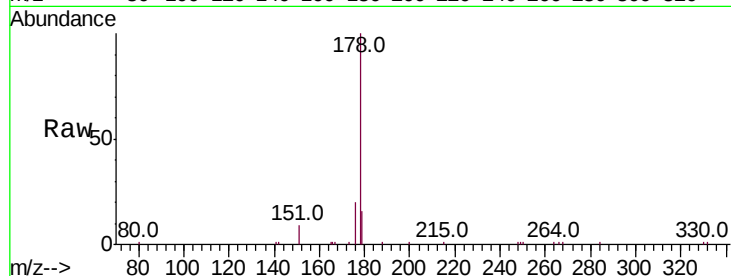
Tot Ion:178 Resp: 12209

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

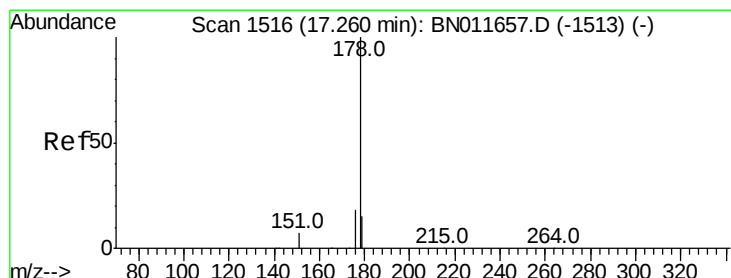
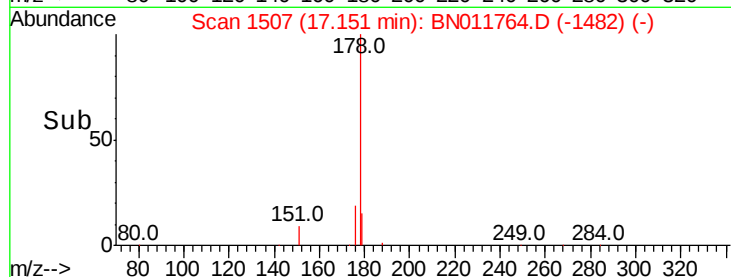
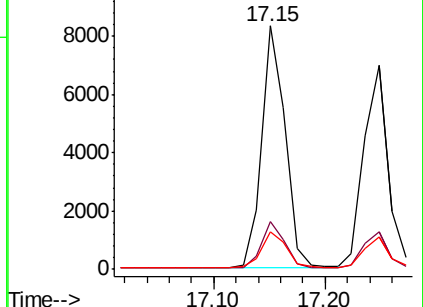
179 15.6 12.4 18.6



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: 0.352 ng

RT: 17.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

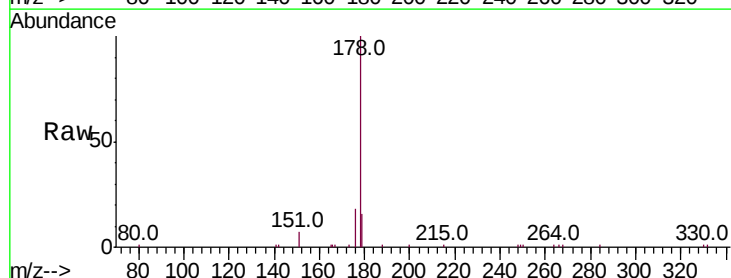
Tgt Ion:178 Resp: 10610

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

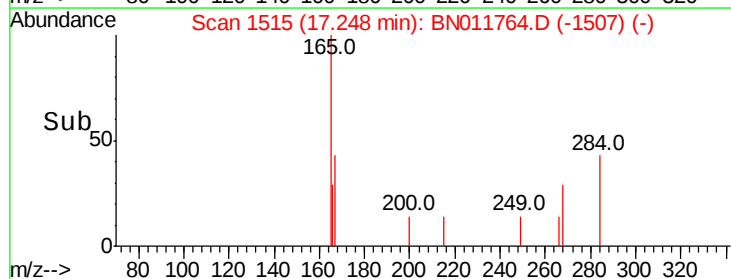
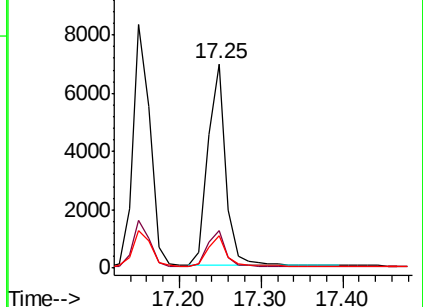
179 15.6 12.2 18.4

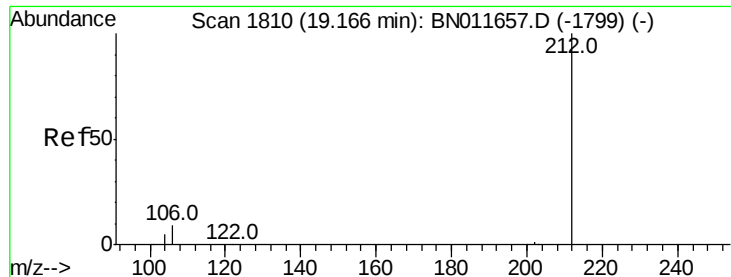


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

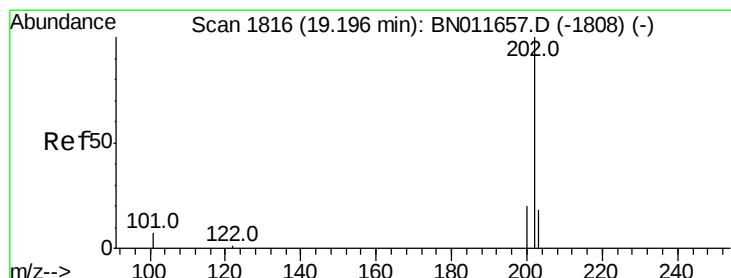
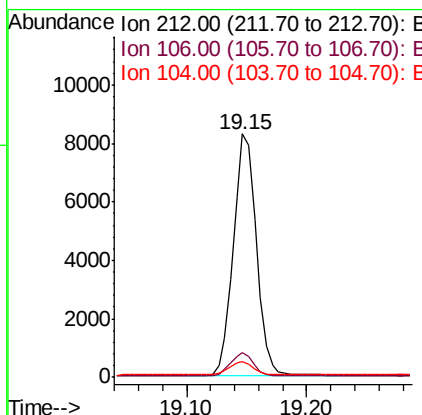
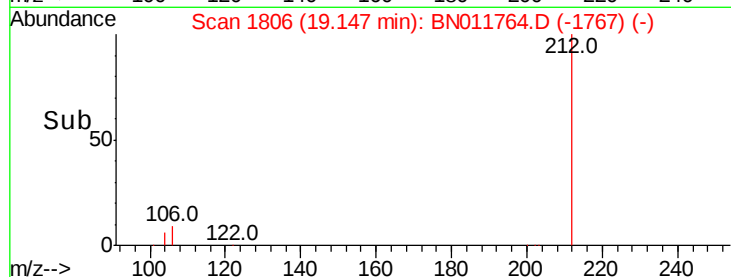
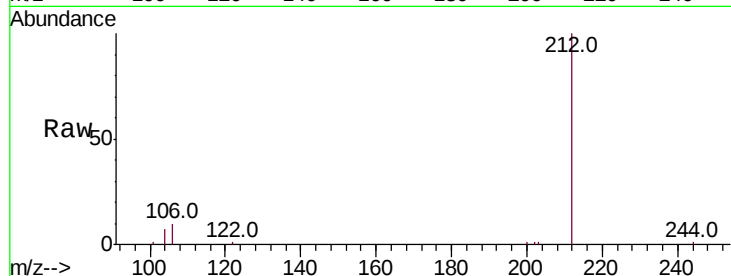




#27
 Fluoranthene-d10
 Concen: 0.330 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011764.D
 Acq: 09 Sep 2020 12:55

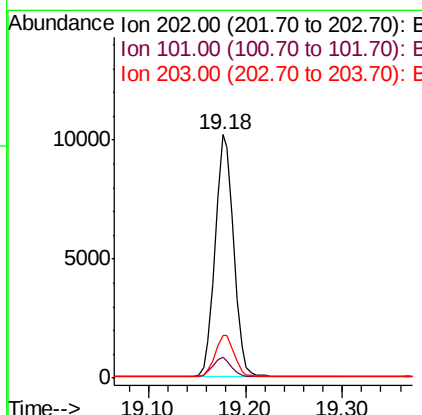
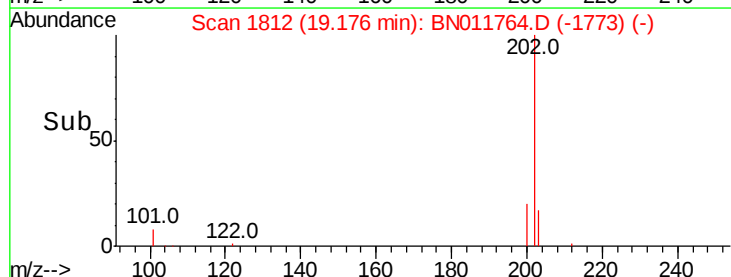
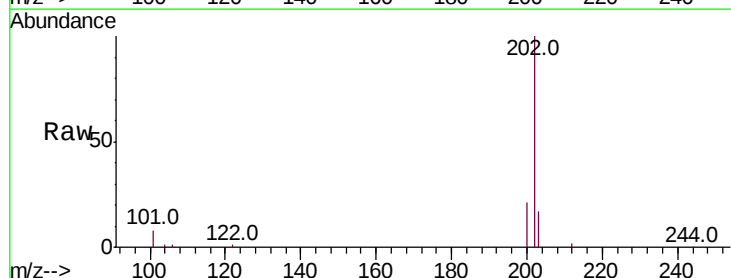
Instrument :
 BNA_N
 ClientSampleId :
 PB131470BS

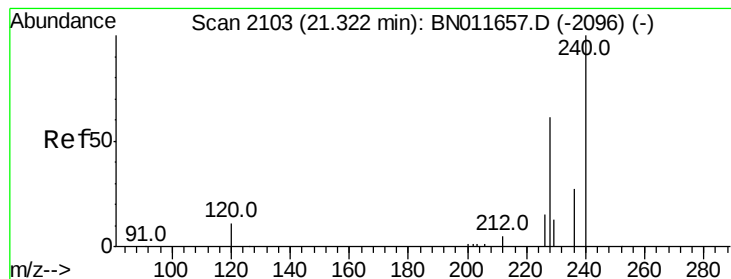
Tot Ion:212 Resp: 11106
 Ion Ratio Lower Upper
 212 100
 106 9.3 7.6 11.4
 104 5.6 4.6 6.8



#28
 Fluoranthene
 Concen: 0.337 ng
 RT: 19.18 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BN011764.D
 Acq: 09 Sep 2020 12:55

Tgt Ion:202 Resp: 13550
 Ion Ratio Lower Upper
 202 100
 101 8.2 6.5 9.7
 203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

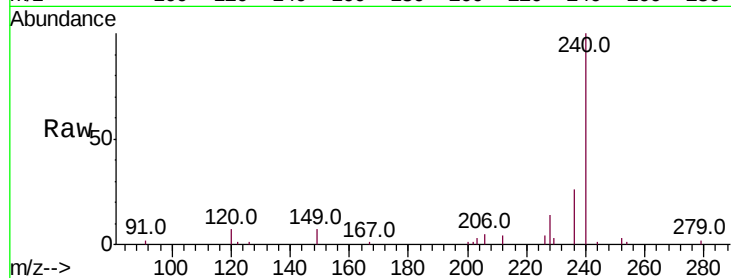
Tot Ion:240 Resp: 10228

Ion Ratio Lower Upper

240 100

120 6.5 9.9 14.9#

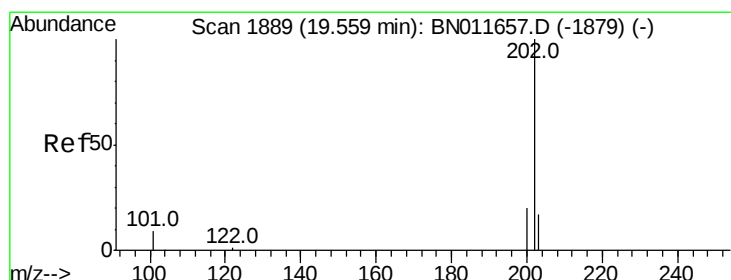
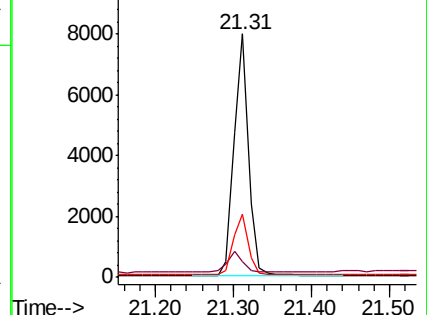
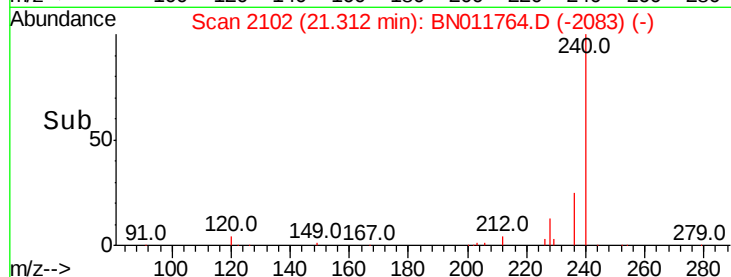
236 26.1 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#30

Pyrene

Concen: 0.379 ng

RT: 19.54 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

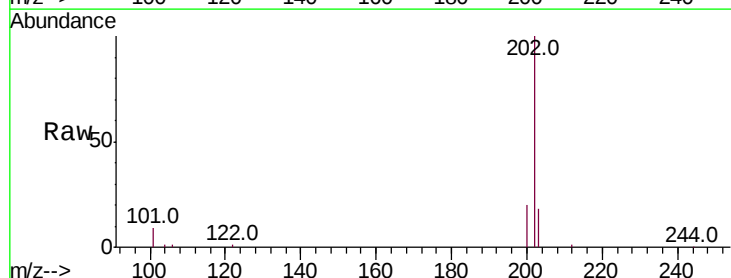
Tgt Ion:202 Resp: 13491

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

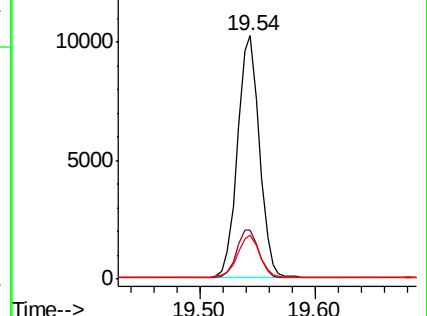
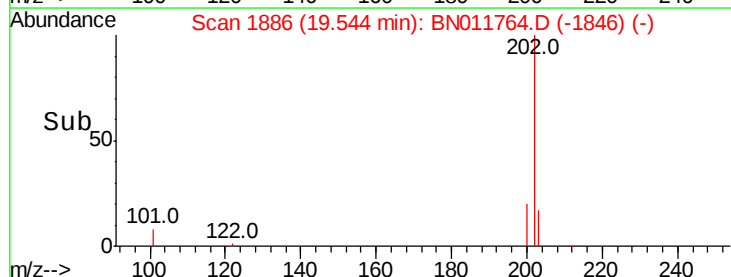
203 17.4 14.1 21.1

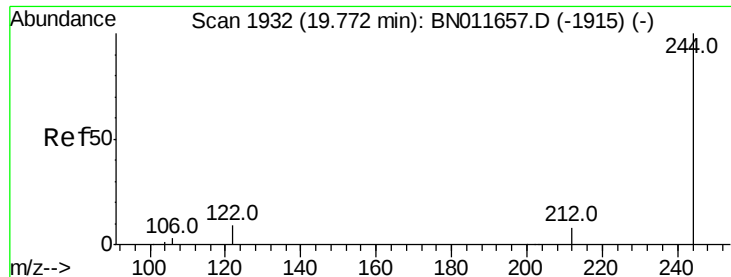


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.377 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

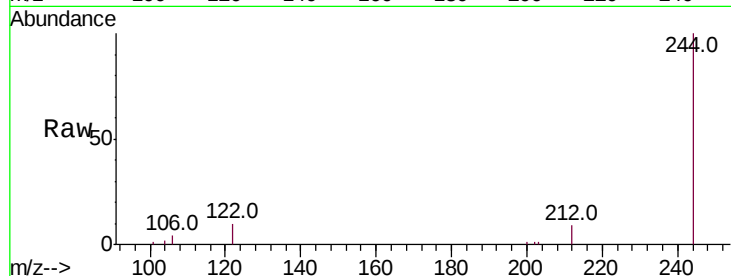
Tot Ion:244 Resp: 9563

Ion Ratio Lower Upper

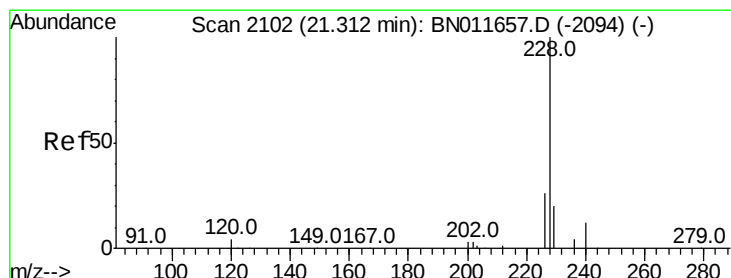
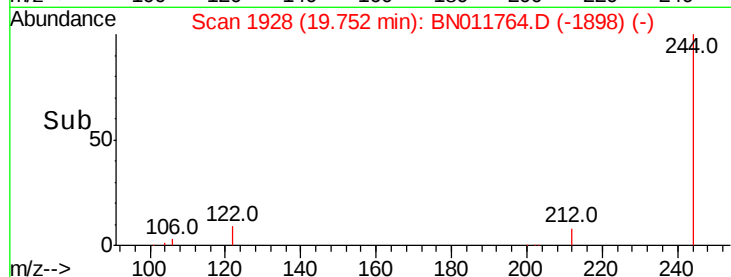
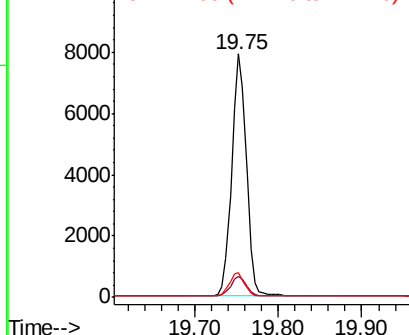
244 100

212 8.6 6.5 9.7

122 10.1 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: 0.340 ng

RT: 21.29 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

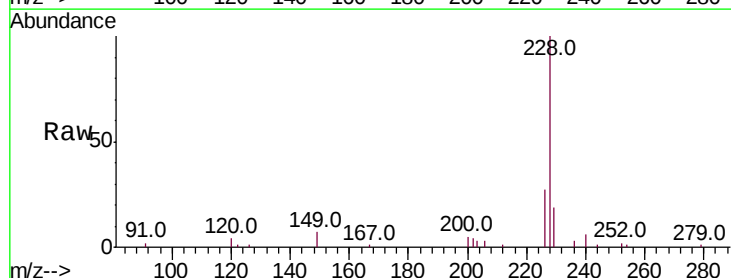
Tgt Ion:228 Resp: 12404

Ion Ratio Lower Upper

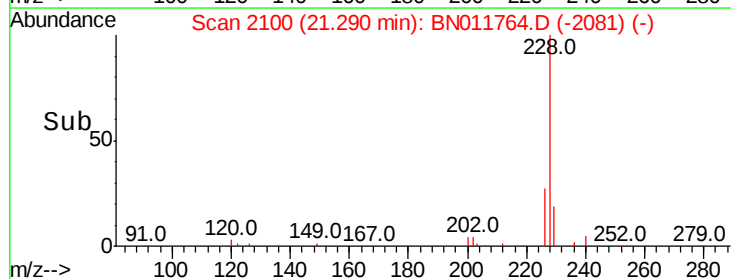
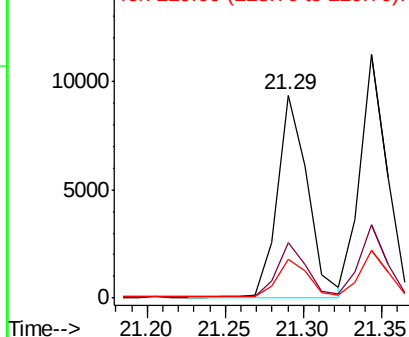
228 100

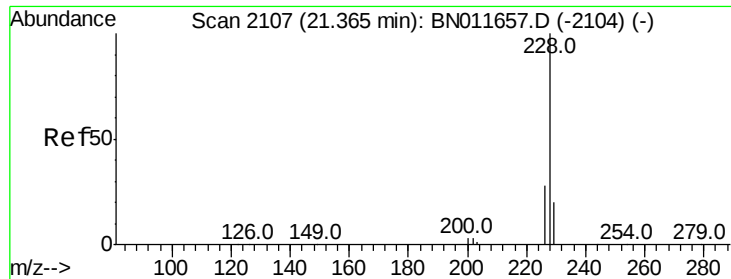
226 27.4 21.2 31.8

229 19.4 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: 0.357 ng

RT: 21.34 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

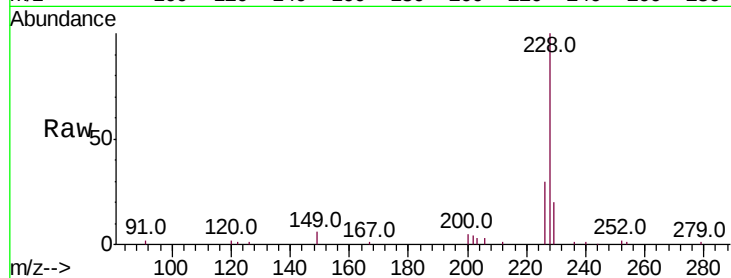
BNA_N

ClientSampleId :

PB131470BS

Tot Ion:228 Resp: 13446

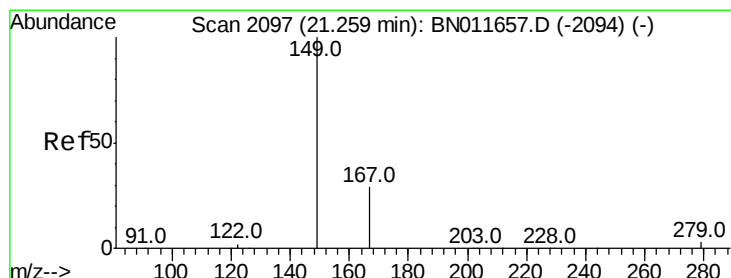
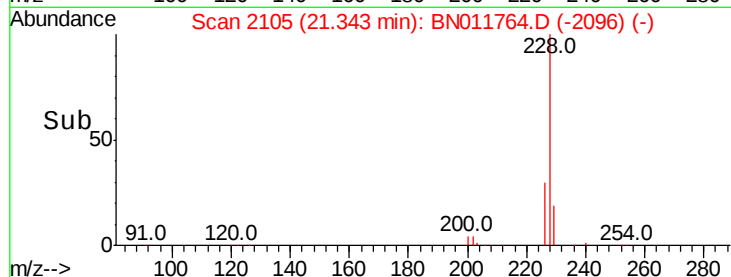
Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.7	34.1
229	19.7	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.328 ng

RT: 21.24 min Scan# 2095

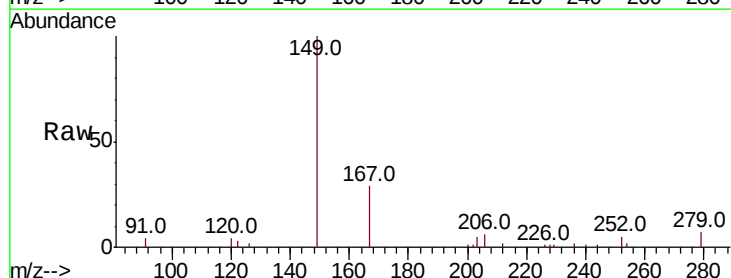
Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Tgt Ion:149 Resp: 4878

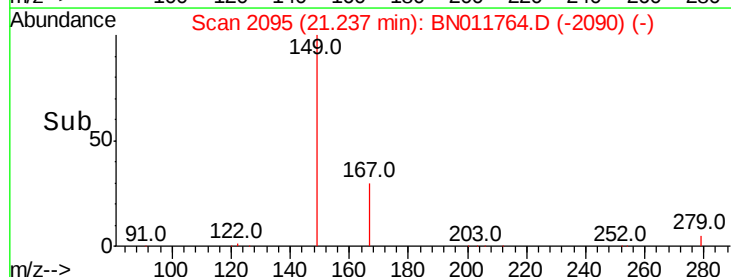
Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.2	34.8
279	5.5	4.0	6.0

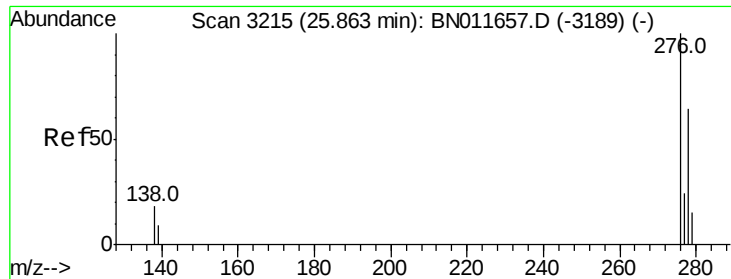


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

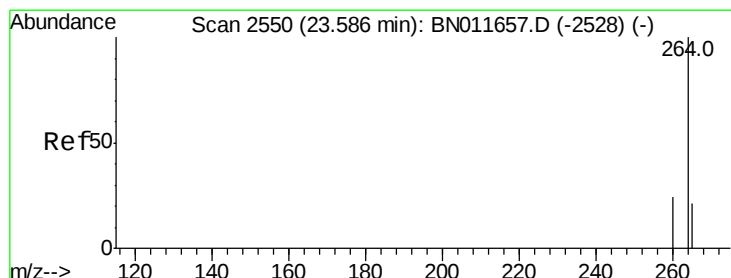
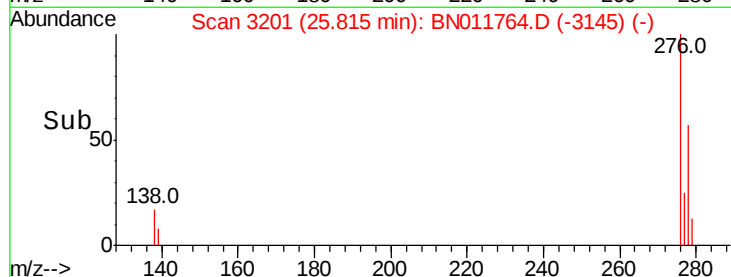
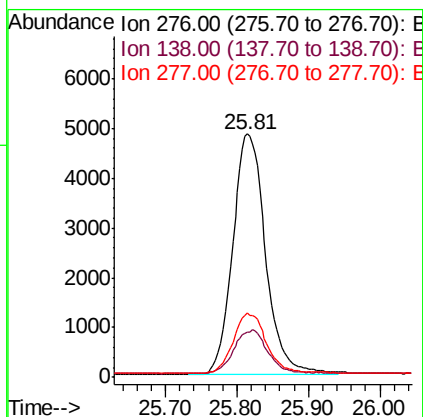
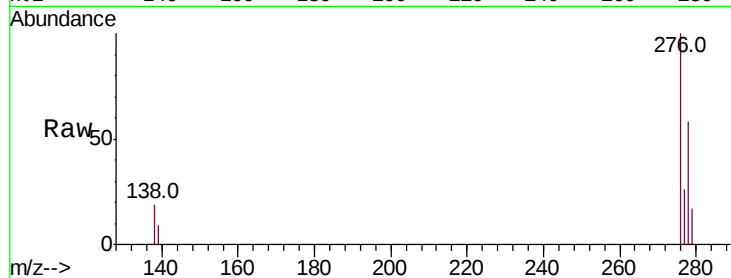




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.316 ng
 RT: 25.81 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BN011764.D
 Acq: 09 Sep 2020 12:55

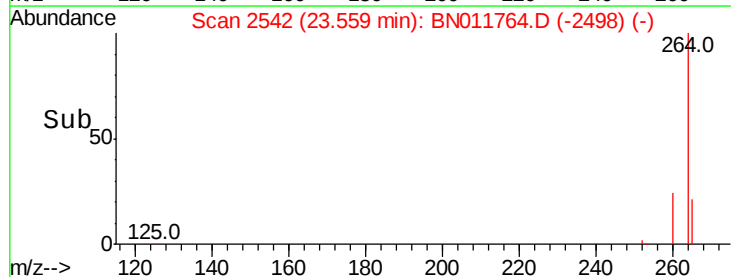
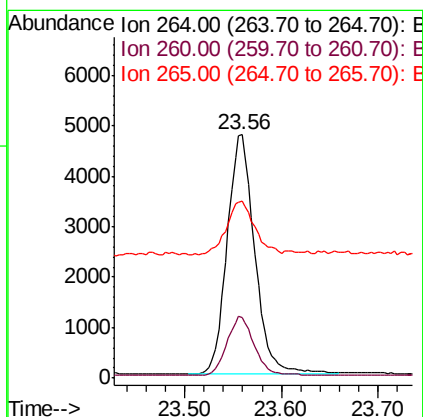
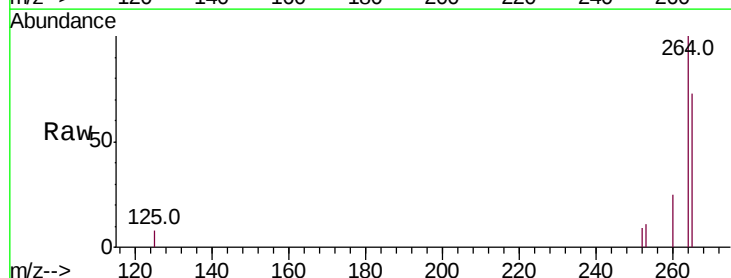
Instrument :
 BNA_N
 ClientSampleId :
 PB131470BS

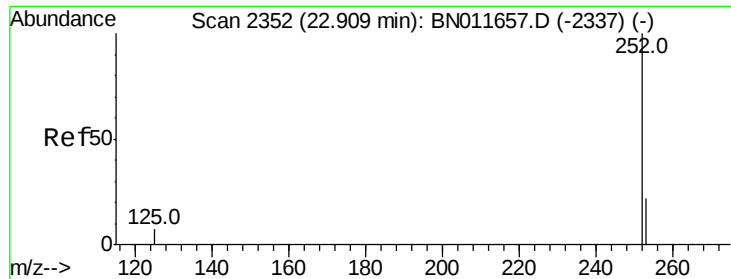
Tot Ion:276 Resp: 15518
 Ion Ratio Lower Upper
 276 100
 138 18.1 15.4 23.2
 277 24.9 20.1 30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BN011764.D
 Acq: 09 Sep 2020 12:55

Tgt Ion:264 Resp: 9528
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.6
 265 72.9 38.9 58.3#

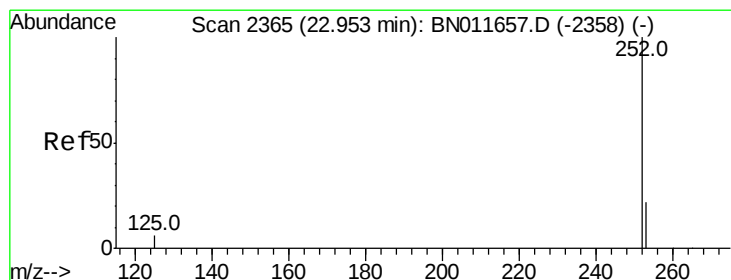
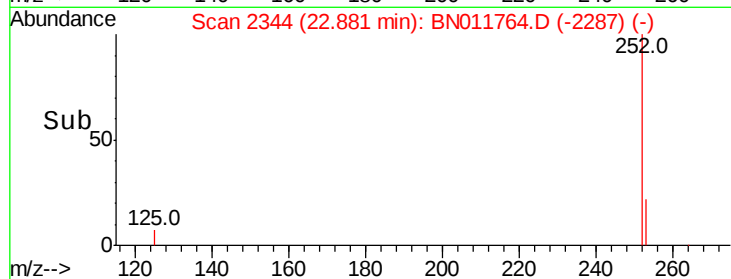
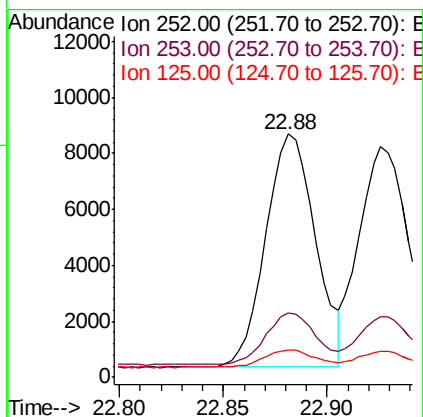
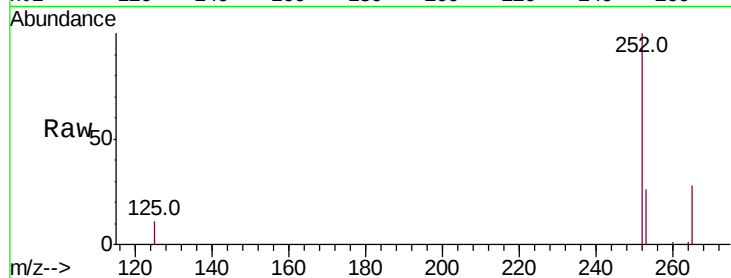




#37
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 22.88 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BN011764.D
Acq: 09 Sep 2020 12:55

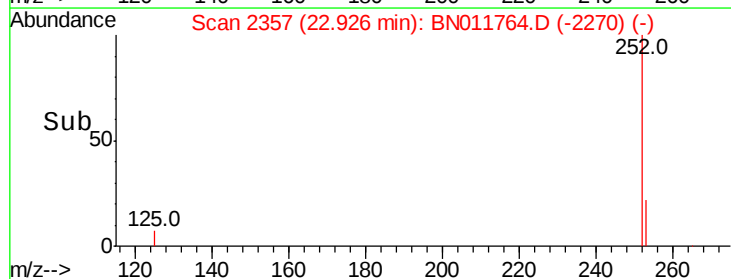
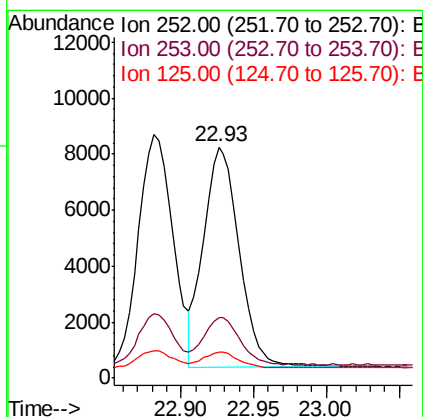
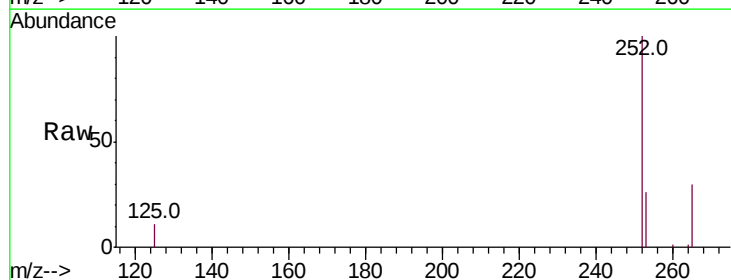
Instrument :
BNA_N
ClientSampleId :
PB131470BS

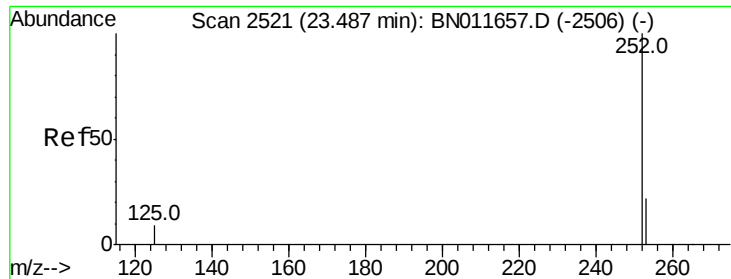
Tot Ion:252 Resp: 13884
Ion Ratio Lower Upper
252 100
253 26.3 19.7 29.5
125 11.2 7.8 11.8



#38
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 22.93 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BN011764.D
Acq: 09 Sep 2020 12:55

Tgt Ion:252 Resp: 13467
Ion Ratio Lower Upper
252 100
253 26.5 19.4 29.0
125 11.2 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.350 ng

RT: 23.46 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

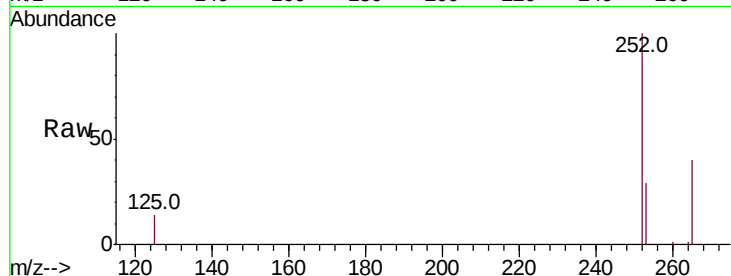
Tot Ion:252 Resp: 11421

Ion Ratio Lower Upper

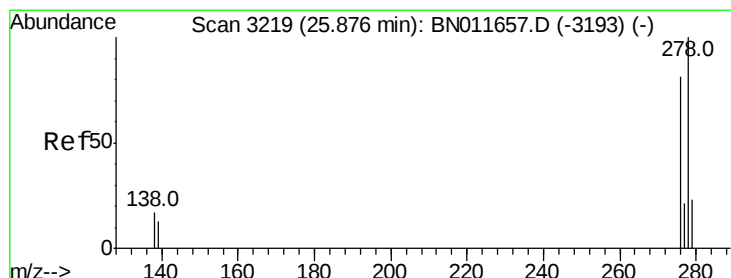
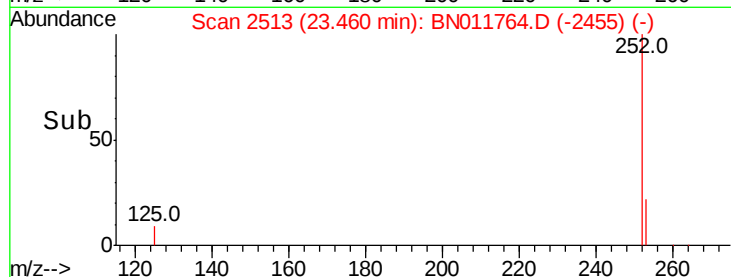
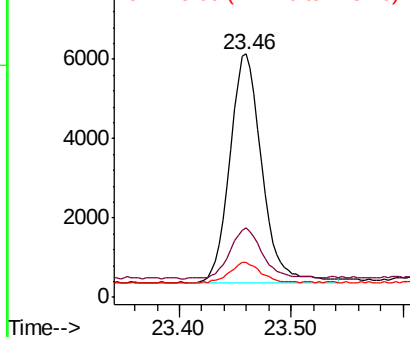
252 100

253 28.7 20.3 30.5

125 14.3 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: 0.348 ng

RT: 25.83 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

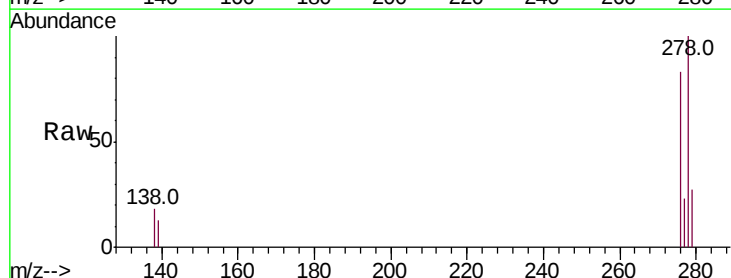
Tgt Ion:278 Resp: 12847

Ion Ratio Lower Upper

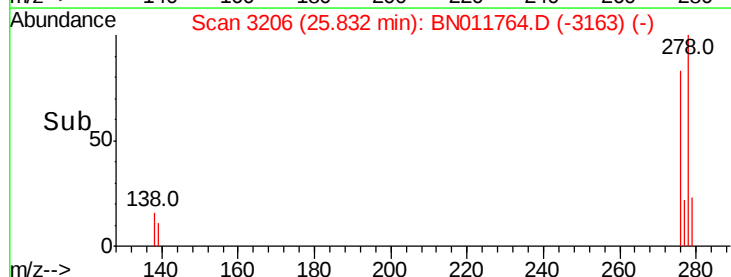
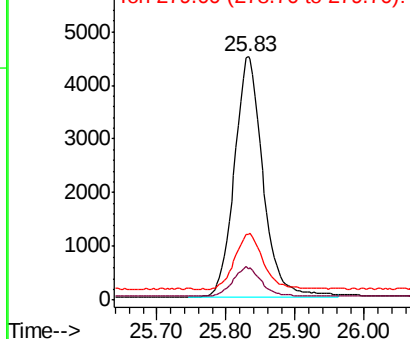
278 100

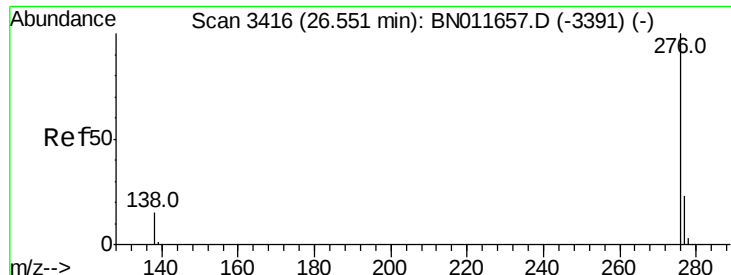
139 12.9 11.0 16.6

279 27.2 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: 0.367 ng

RT: 26.51 min Scan# 3403

Delta R.T. 0.00 min

Lab File: BN011764.D

Acq: 09 Sep 2020 12:55

Instrument :

BNA_N

ClientSampleId :

PB131470BS

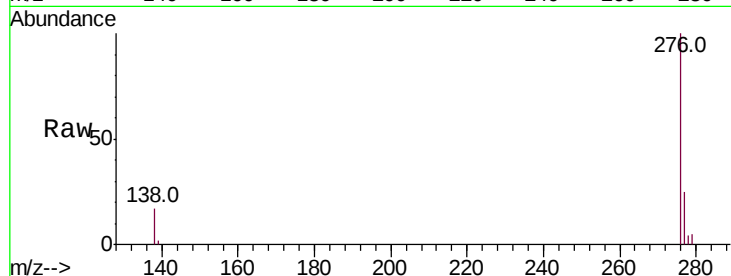
Tot Ion:276 Resp: 13267

Ion Ratio Lower Upper

276 100

277 24.8 19.7 29.5

138 16.9 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

