

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
 Data File : BN011765.D
 Acq On : 09 Sep 2020 13:31
 Operator : CG/JU
 Sample : PB131470BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131470BSD

Quant Time: Sep 09 14:00:49 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	2182	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	7959	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	4702	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	10298	0.40	ng	0.00
29) Chrysene-d12	21.31	240	9952	0.40	ng	0.00
36) Perylene-d12	23.56	264	9255	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2107	0.34	ng	0.00
5) Phenol-d6	6.89	99	2790	0.33	ng	0.00
8) Nitrobenzene-d5	8.87	82	2991	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	5126	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	780	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	7430	0.37	ng	0.00
27) Fluoranthene-d10	19.15	212	10913	0.33	ng	0.00
31) Terphenyl-d14	19.75	244	9355	0.38	ng	0.00

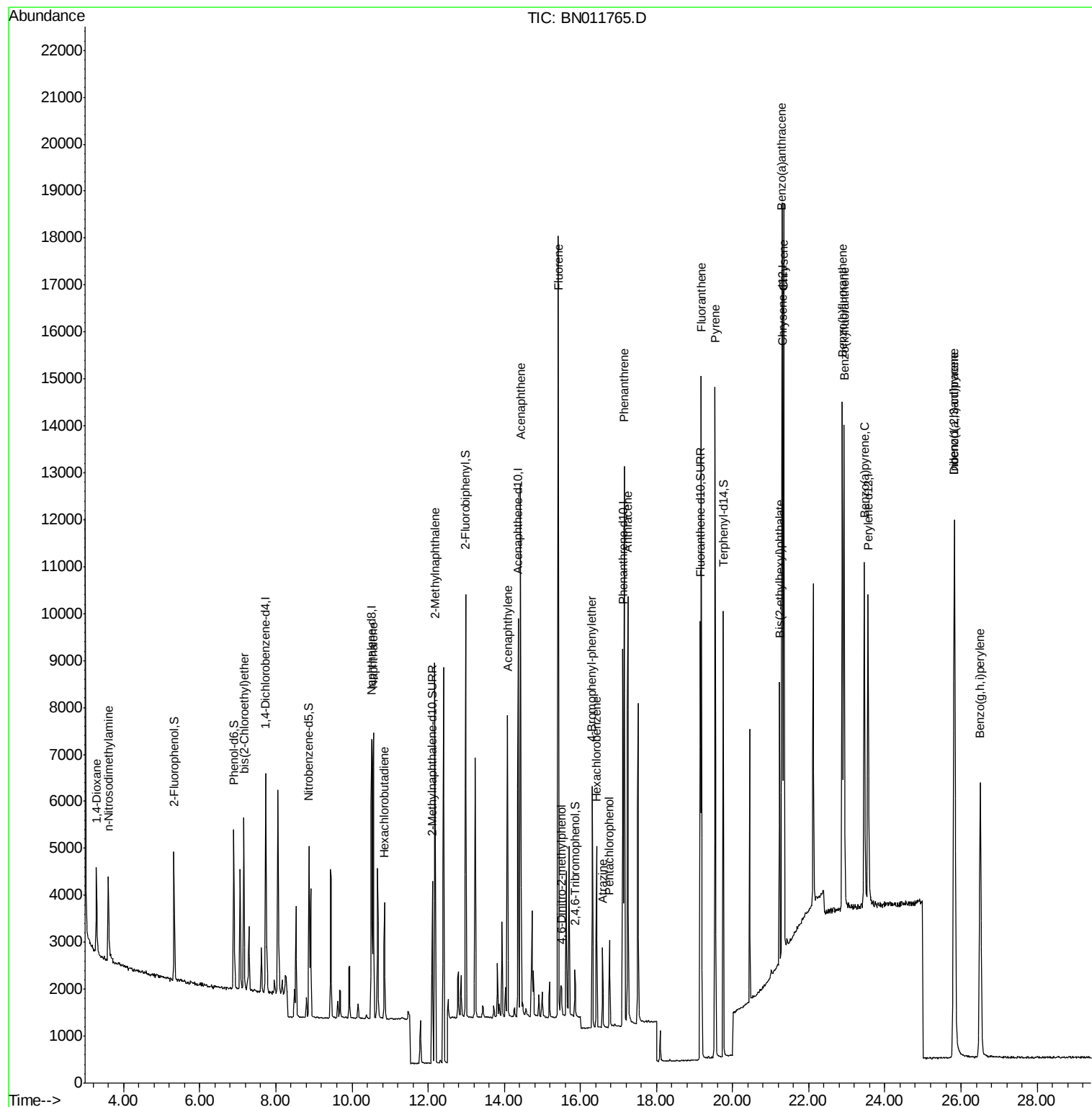
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1202	0.343	ng	97
3) n-Nitrosodimethylamine	3.59	42	1553	0.383	ng	# 94
6) bis(2-Chloroethyl)ether	7.16	93	2511	0.368	ng	99
9) Naphthalene	10.57	128	8360	0.367	ng	100
10) Hexachlorobutadiene	10.86	225	1938	0.387	ng	# 96
12) 2-Methylnaphthalene	12.18	142	5886	0.363	ng	97
16) Acenaphthylene	14.09	152	8177	0.357	ng	100
17) Acenaphthene	14.43	154	5839	0.369	ng	99
18) Fluorene	15.42	166	7439	0.367	ng	100
20) 4,6-Dinitro-2-methylphenol	15.50	198	590	0.371	ng	90
21) 4-Bromophenyl-phenylether	16.31	248	2225	0.369	ng	# 81
22) Hexachlorobenzene	16.42	284	2846	0.382	ng	100
23) Atrazine	16.58	200	1294	0.244	ng	97
24) Pentachlorophenol	16.76	266	884	0.299	ng	98
25) Phenanthrene	17.15	178	12042	0.362	ng	100
26) Anthracene	17.25	178	10363	0.351	ng	100
28) Fluoranthene	19.18	202	13273	0.336	ng	100
30) Pyrene	19.54	202	13215	0.382	ng	100
32) Benzo(a)anthracene	21.29	228	12067	0.340	ng	98
33) Chrysene	21.34	228	13088	0.357	ng	98
34) Bis(2-ethylhexyl)phthalate	21.24	149	4829	0.334	ng	99
35) Indeno(1,2,3-cd)pyrene	25.82	276	15199	0.318	ng	99
37) Benzo(b)fluoranthene	22.88	252	13431	0.378	ng	97
38) Benzo(k)fluoranthene	22.93	252	13400	0.369	ng	96
39) Benzo(a)pyrene	23.46	252	11257	0.355	ng	95
40) Dibenzo(a,h)anthracene	25.83	278	12426	0.347	ng	97
41) Benzo(g,h,i)perylene	26.51	276	12962	0.370	ng	99

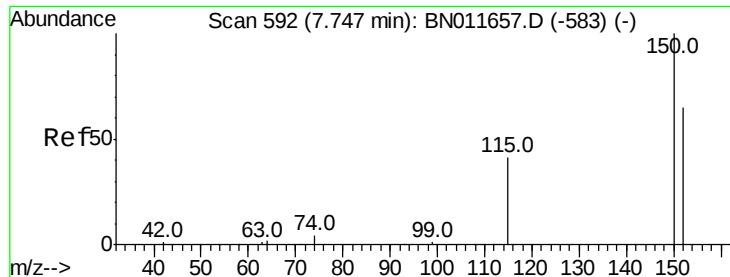
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

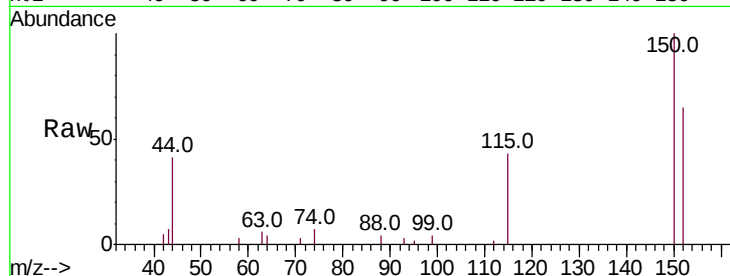
Tot Ion:152 Resp: 2182

Ion Ratio Lower Upper

152 100

150 153.1 121.0 181.6

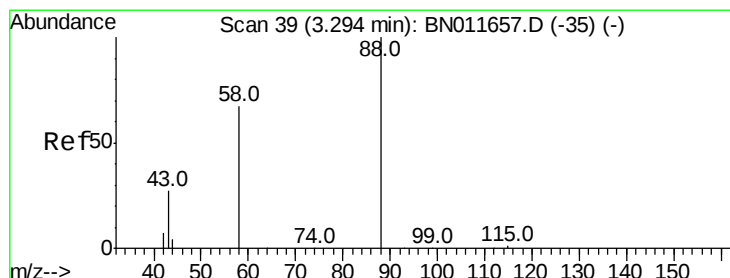
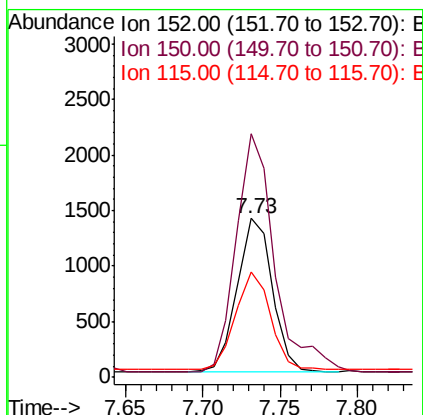
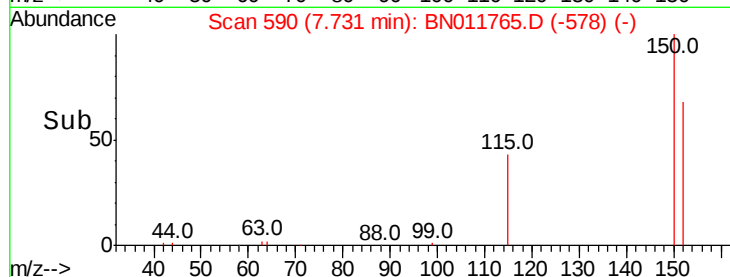
115 66.5 52.6 78.8



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: 0.343 ng

RT: 3.29 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

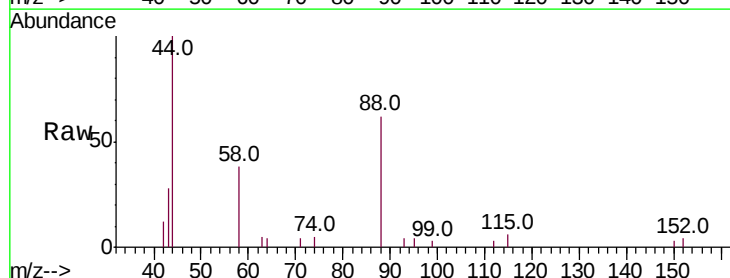
Tgt Ion: 88 Resp: 1202

Ion Ratio Lower Upper

88 100

58 79.2 61.4 92.0

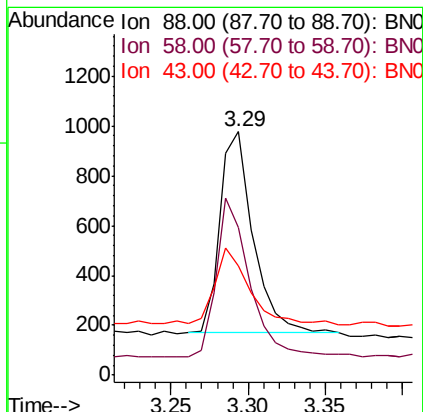
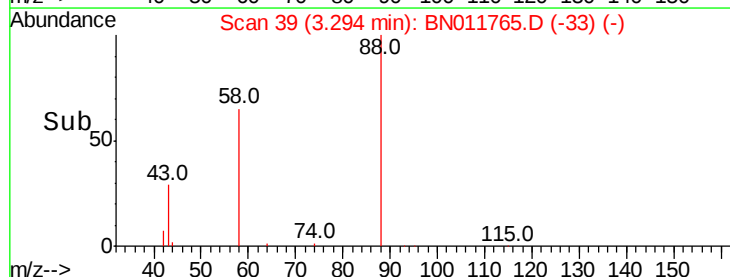
43 39.0 29.8 44.8

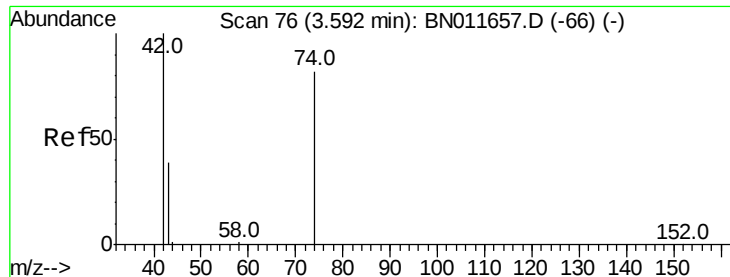


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.383 ng

RT: 3.59 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

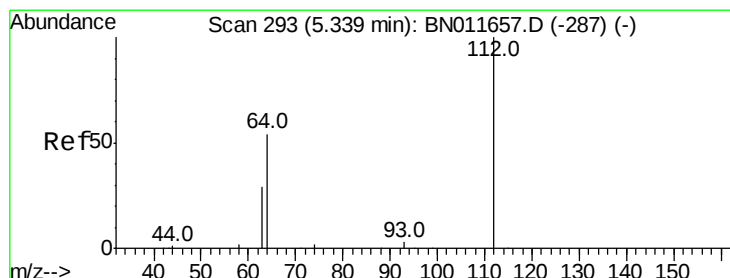
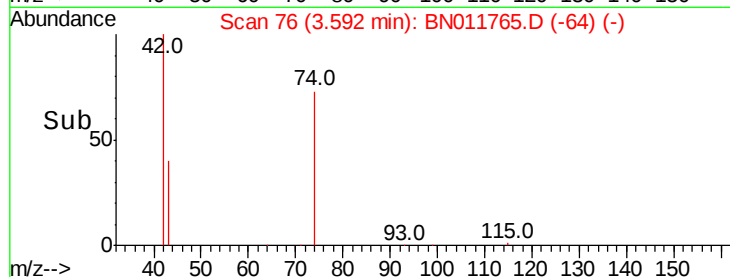
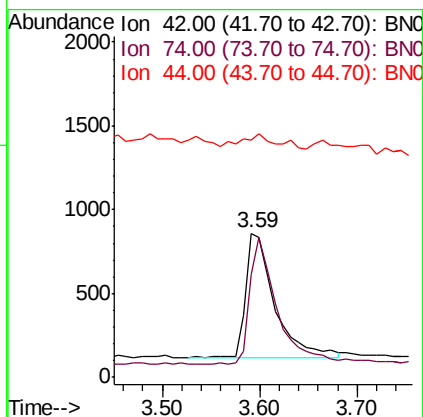
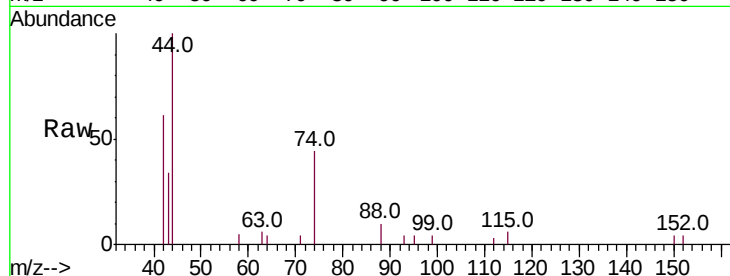
Tot Ion: 42 Resp: 1553

Ion Ratio Lower Upper

42 100

74 93.0 79.0 118.6

44 14.8 8.1 12.1#



#4

2-Fluorophenol

Concen: 0.342 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

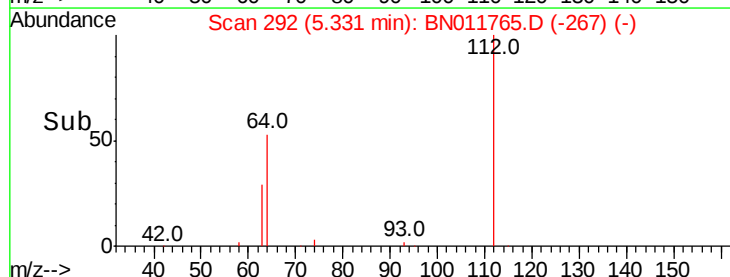
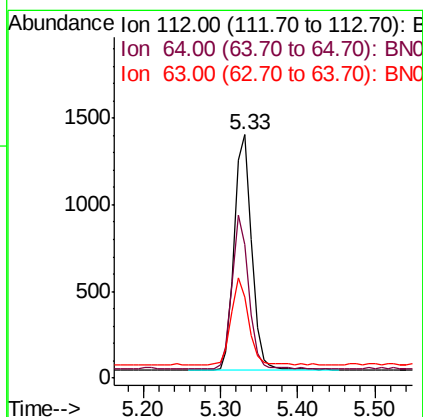
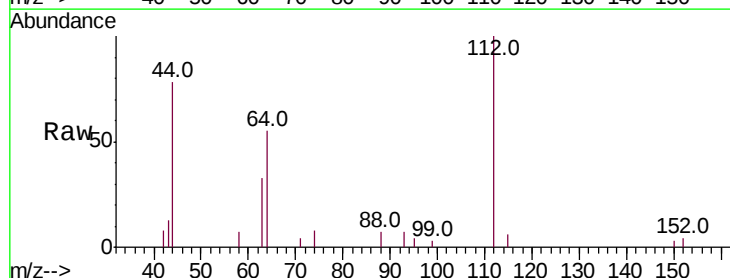
Tgt Ion: 112 Resp: 2107

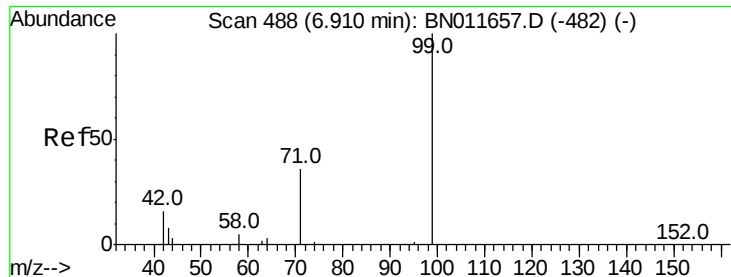
Ion Ratio Lower Upper

112 100

64 62.6 49.7 74.5

63 36.0 29.4 44.0





#5

Phenol-d6

Concen: 0.333 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

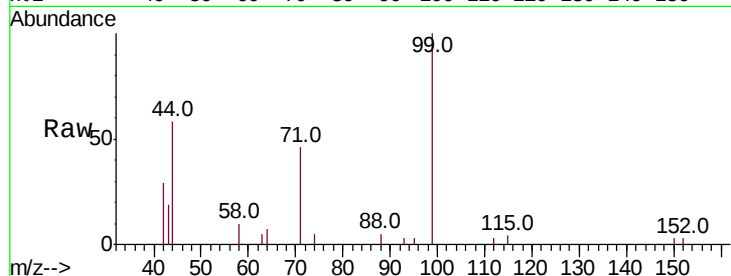
Tot Ion: 99 Resp: 2790

Ion Ratio Lower Upper

99 100

42 27.2 20.2 30.2

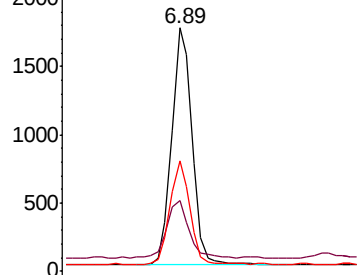
71 42.5 33.3 49.9



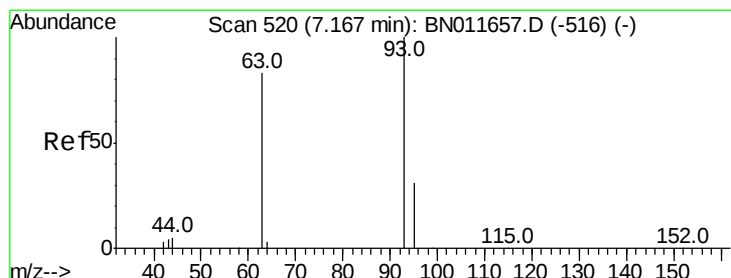
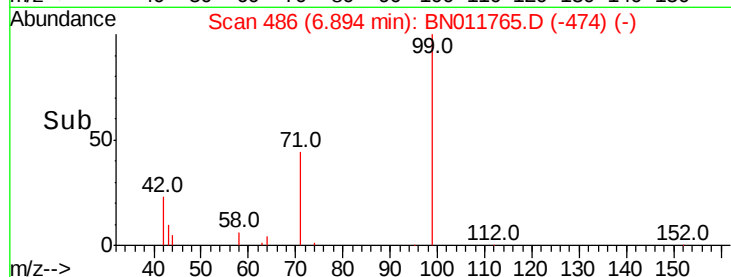
Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

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

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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.368 ng

RT: 7.16 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

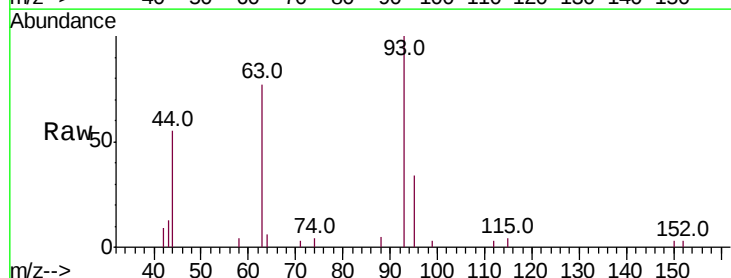
Tgt Ion: 93 Resp: 2511

Ion Ratio Lower Upper

93 100

63 77.4 62.2 93.4

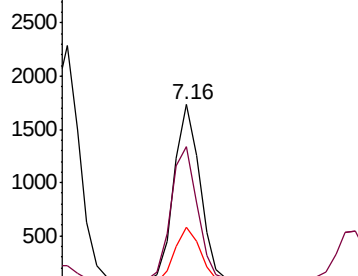
95 32.0 26.6 39.8



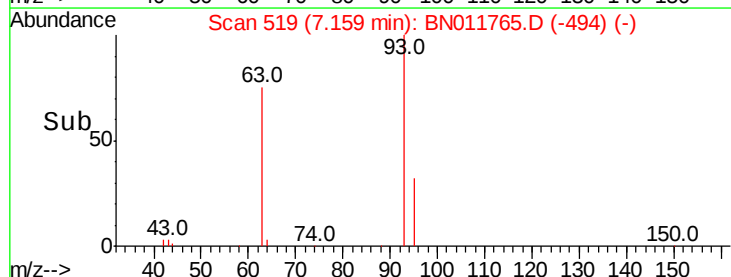
Abundance Ion 93.00 (92.70 to 93.70): BN011657.D (-516) (-)

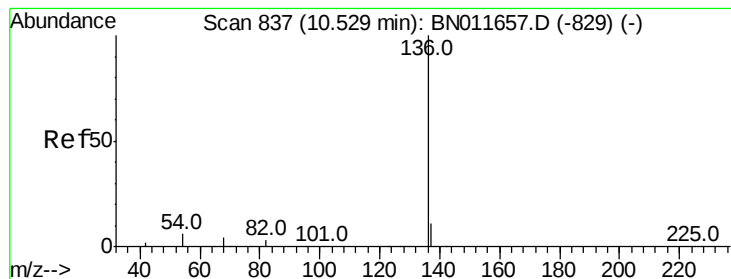
Ion 63.00 (62.70 to 63.70): BN011657.D (-516) (-)

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



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

Tot Ion:136 Resp: 7959

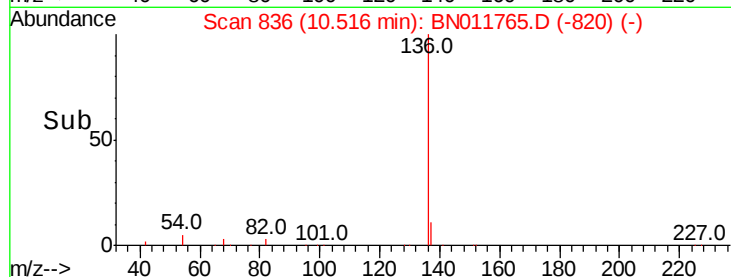
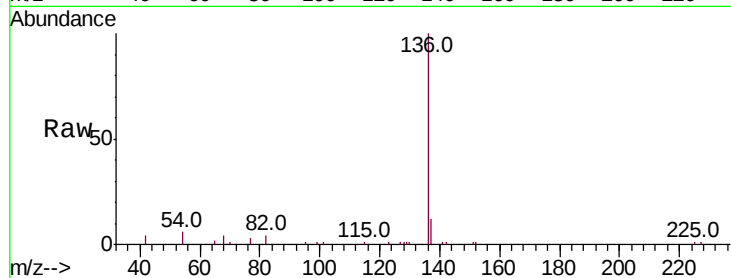
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 6.2 5.8 8.8

68 4.2 4.1 6.1

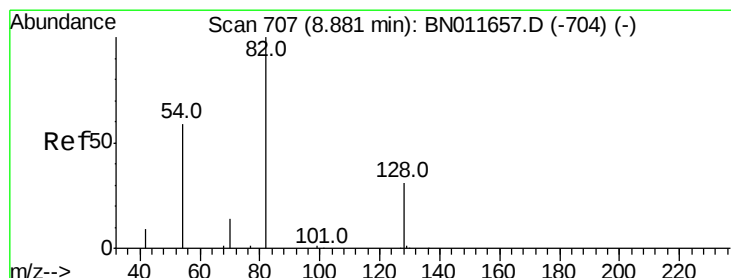
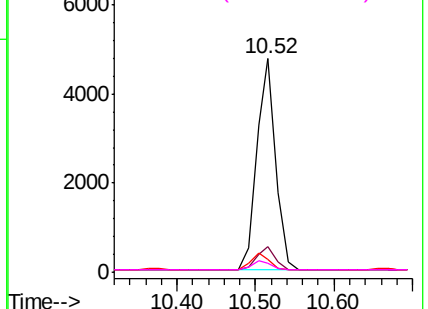


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

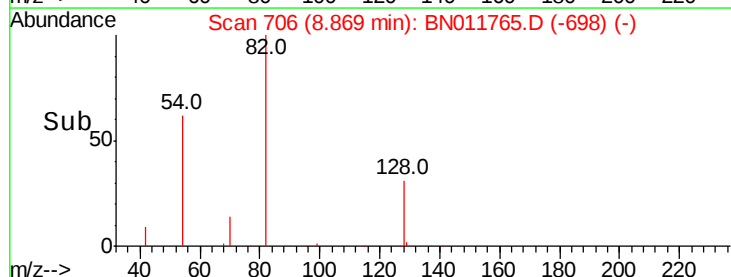
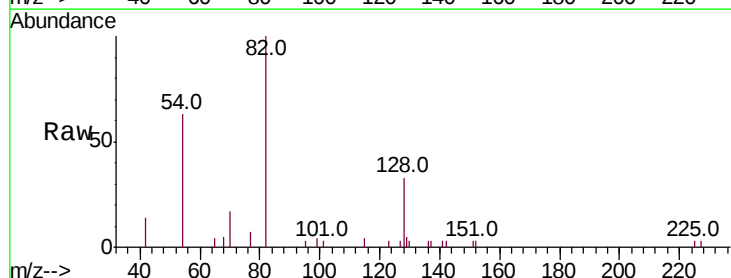
Tgt Ion: 82 Resp: 2991

Ion Ratio Lower Upper

82 100

128 33.2 26.2 39.2

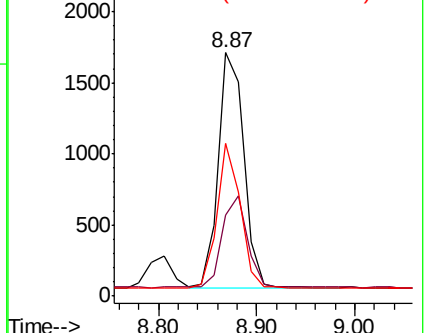
54 62.7 48.2 72.4

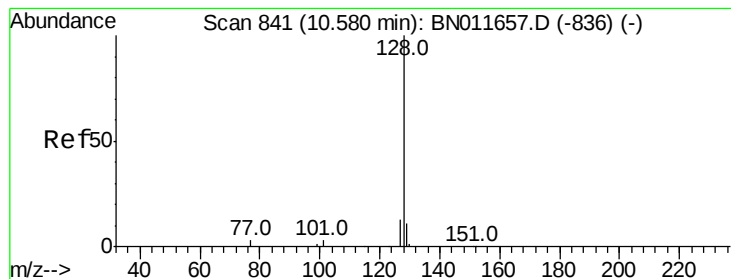


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.367 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

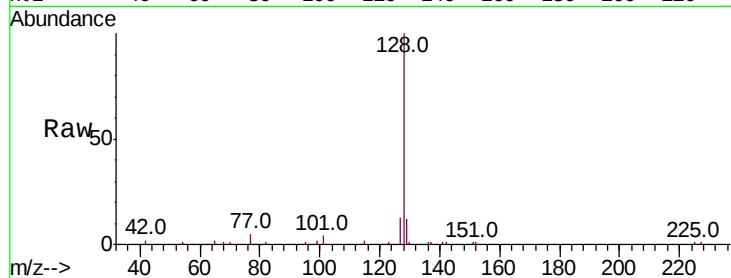
Tot Ion:128 Resp: 8360

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.2

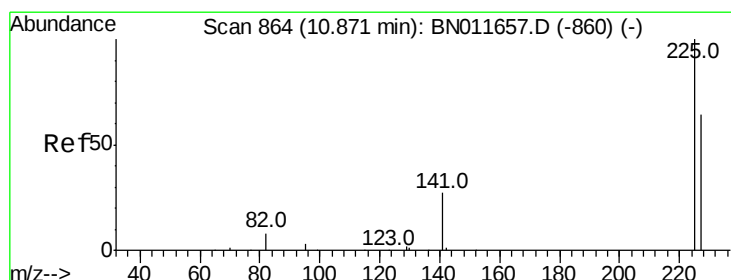
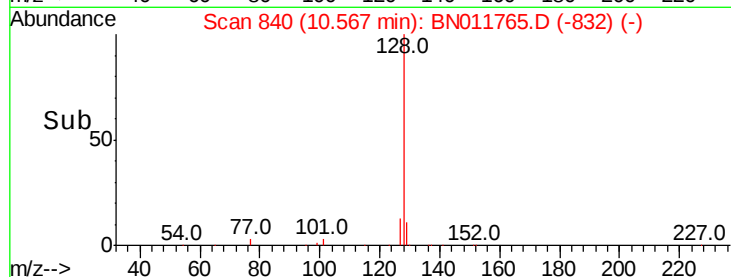
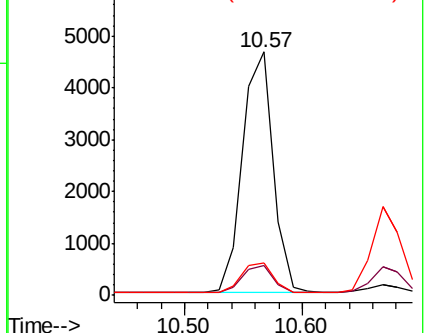
127 13.5 10.8 16.2



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: 0.387 ng

RT: 10.86 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

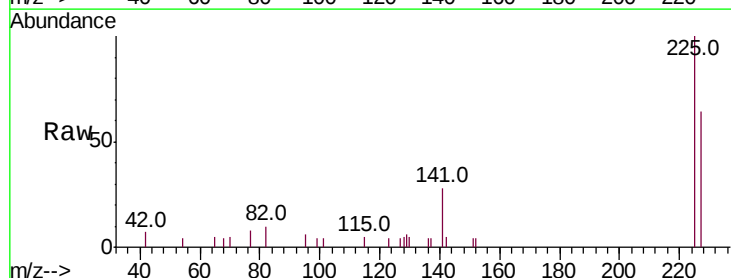
Tgt Ion:225 Resp: 1938

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

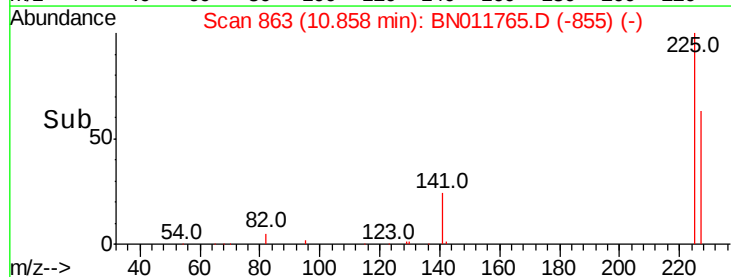
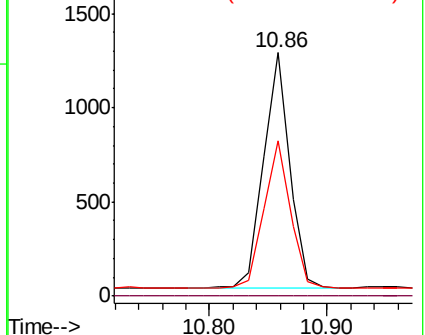
227 62.7 52.6 78.8

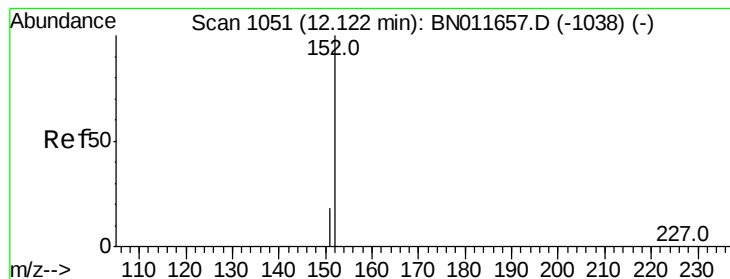


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 12.11 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

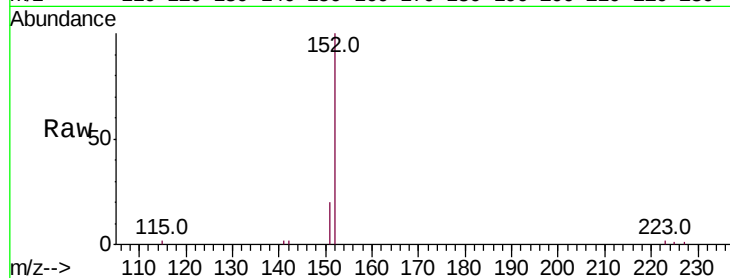
PB131470BSD

Tot Ion:152 Resp: 5126

Ion Ratio Lower Upper

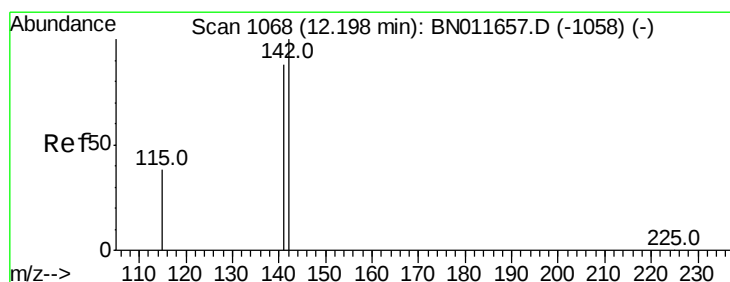
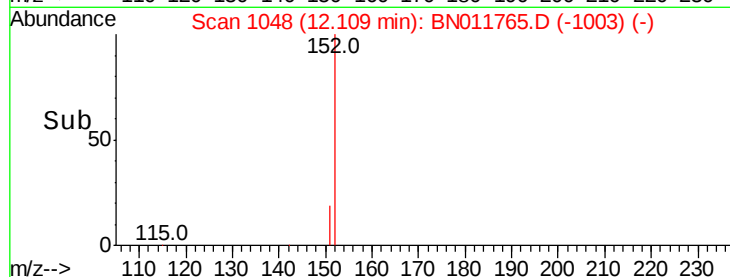
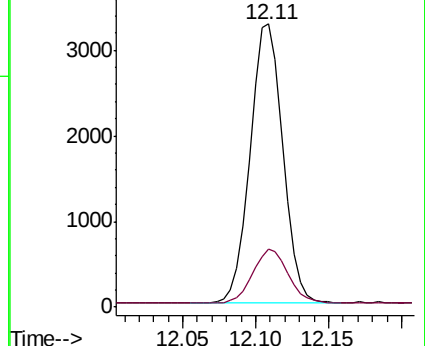
152 100

151 20.6 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.363 ng

RT: 12.18 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

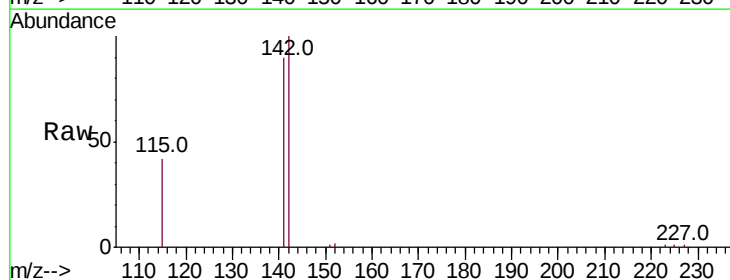
Tgt Ion:142 Resp: 5886

Ion Ratio Lower Upper

142 100

141 90.0 70.6 106.0

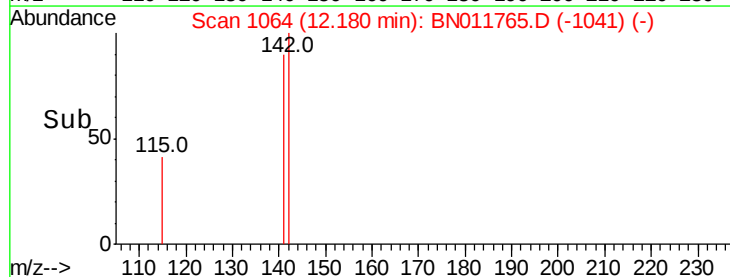
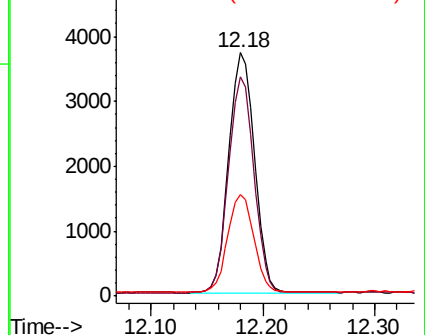
115 41.7 31.3 46.9

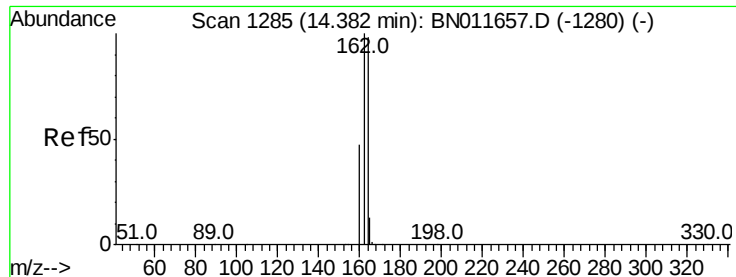


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

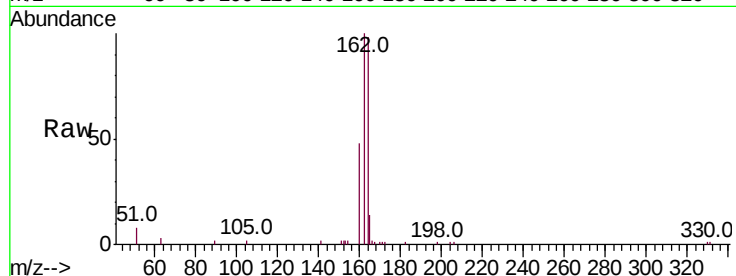
Tot Ion:164 Resp: 4702

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

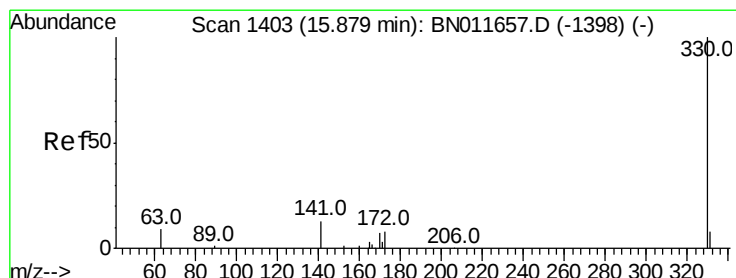
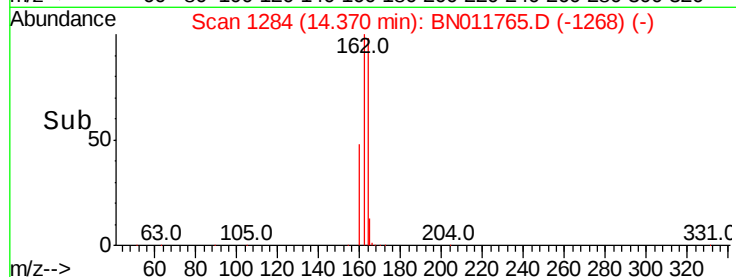
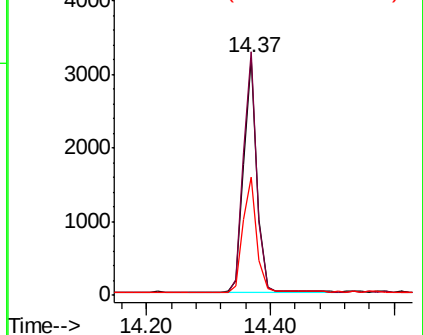
160 49.7 38.5 57.7



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: 0.342 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

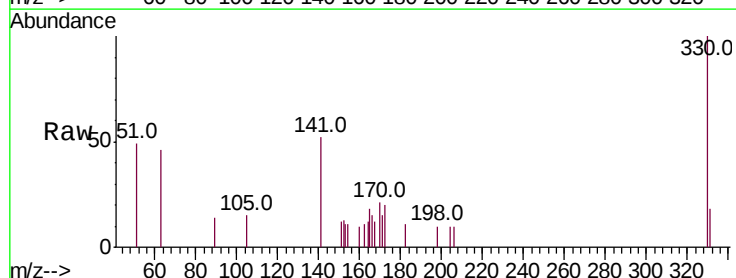
Tgt Ion:330 Resp: 780

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

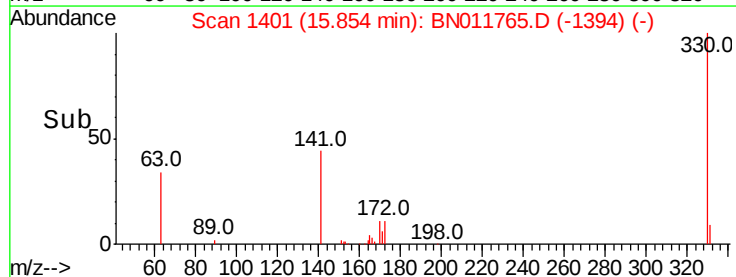
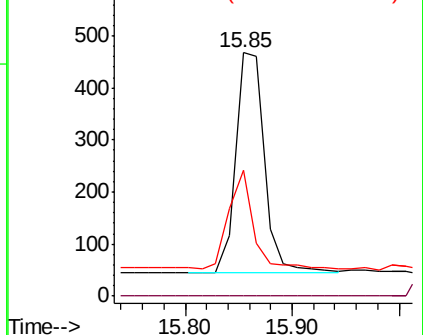
141 37.8 29.8 44.8

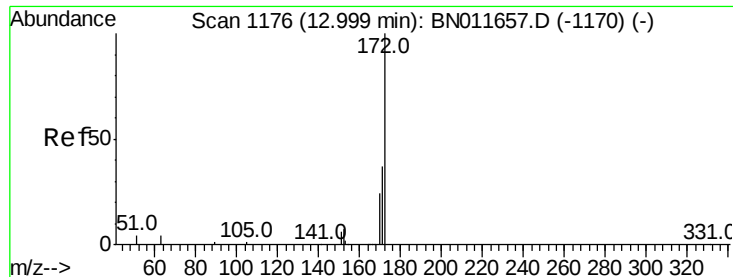


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

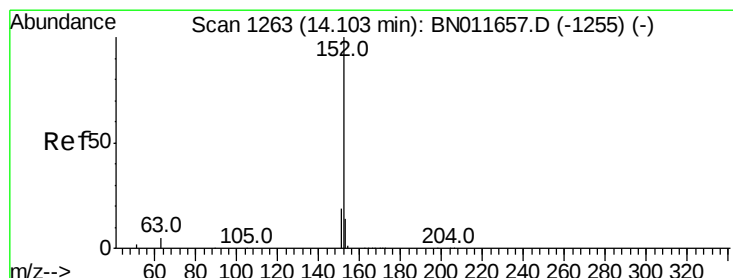
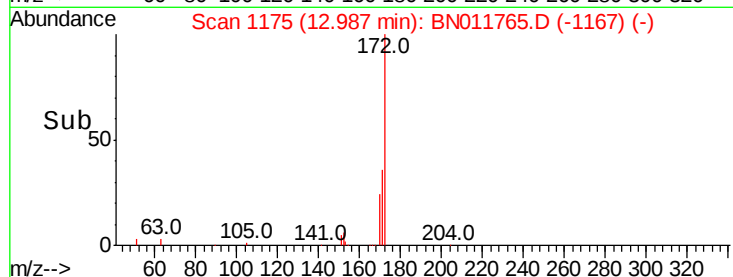
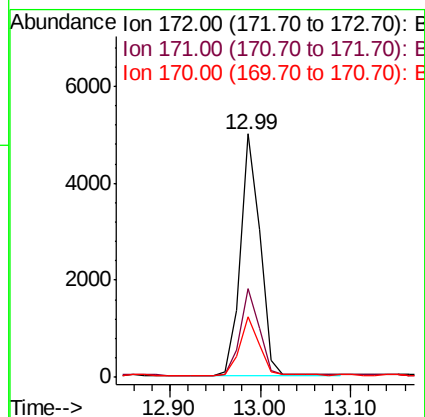
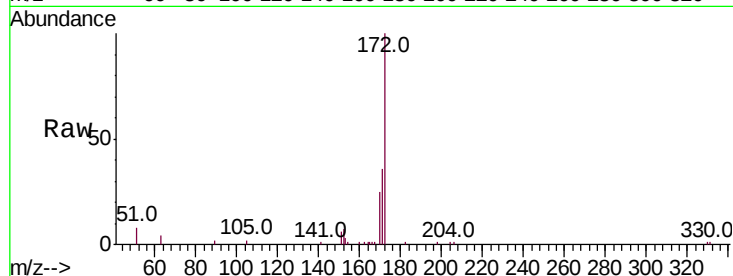




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

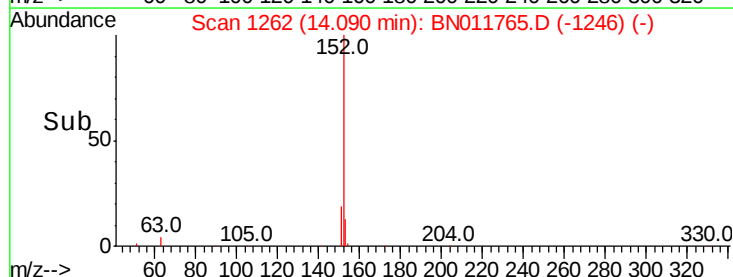
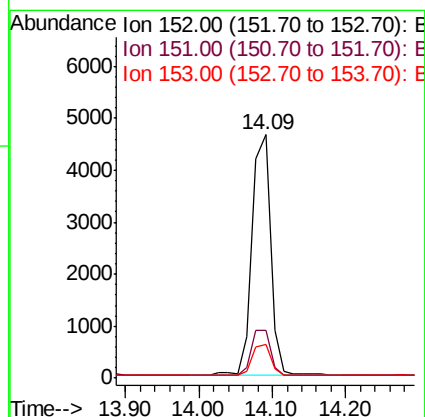
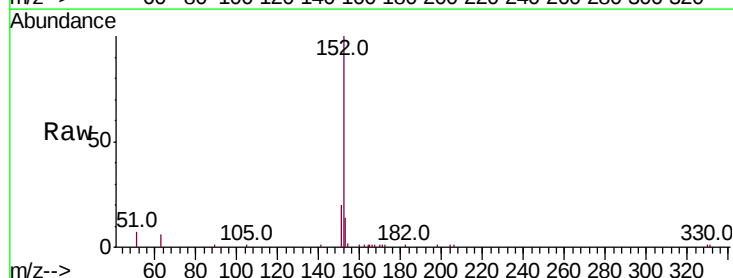
Instrument :
BNA_N
ClientSampleId :
PB131470BSD

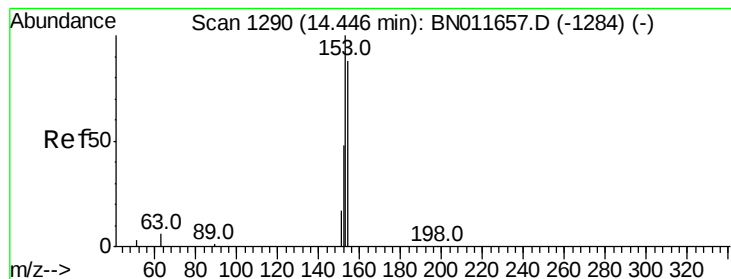
Tot Ion:172 Resp: 7430
Ion Ratio Lower Upper
172 100
171 36.4 30.0 45.0
170 24.6 20.1 30.1



#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:152 Resp: 8177
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.43 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

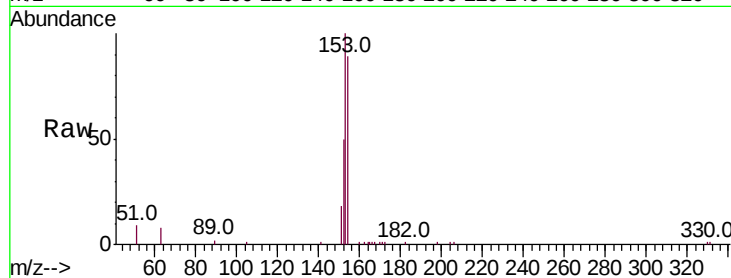
Tot Ion:154 Resp: 5839

Ion Ratio Lower Upper

154 100

153 110.7 89.2 133.8

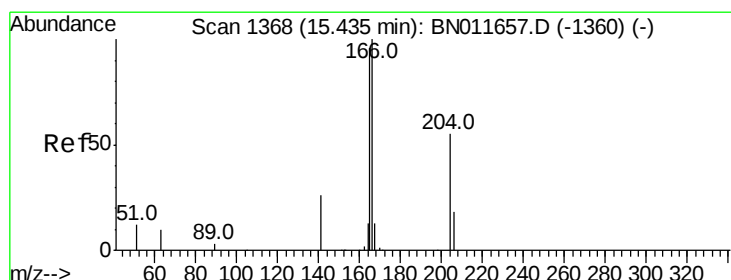
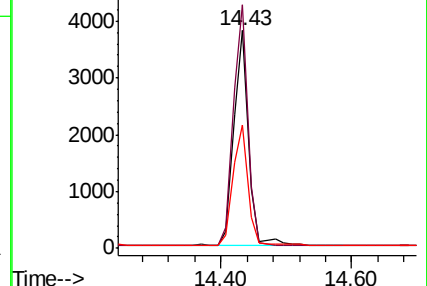
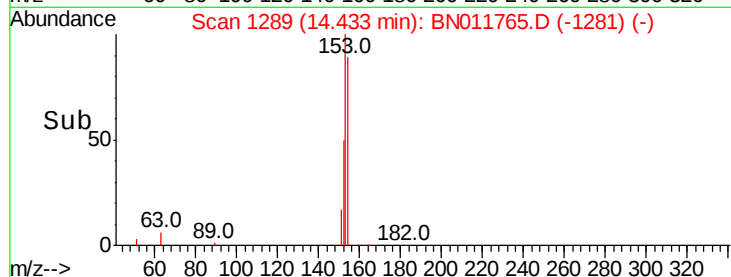
152 56.4 44.1 66.1



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: 0.367 ng

RT: 15.42 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

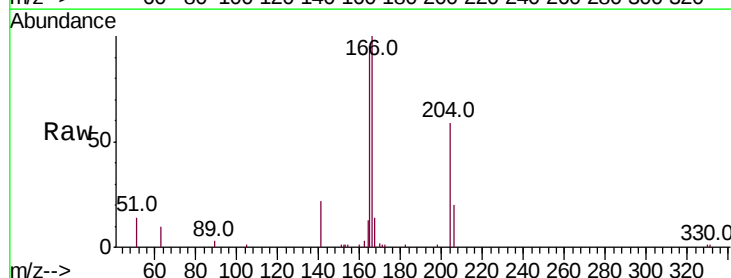
Tgt Ion:166 Resp: 7439

Ion Ratio Lower Upper

166 100

165 97.4 77.7 116.5

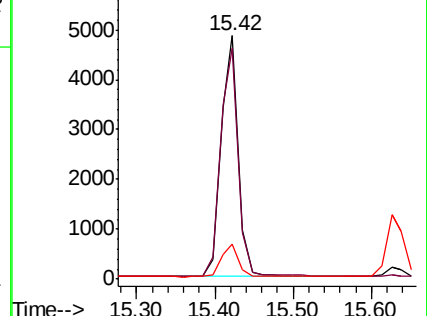
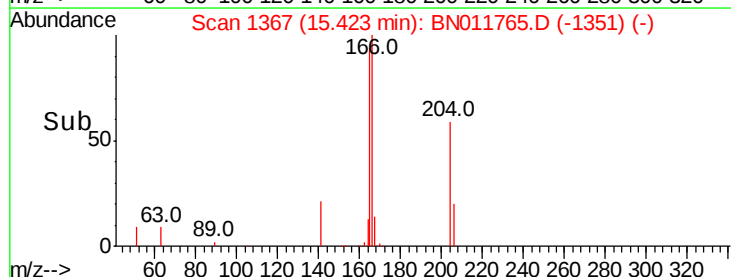
167 13.8 11.0 16.4

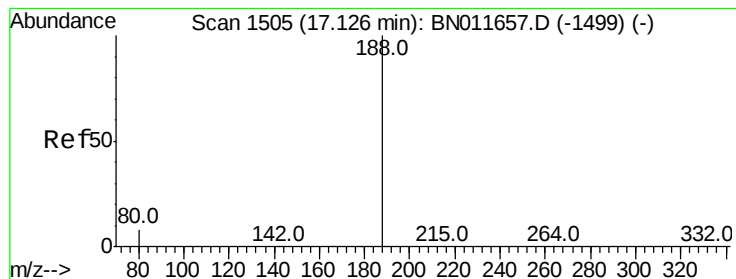


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

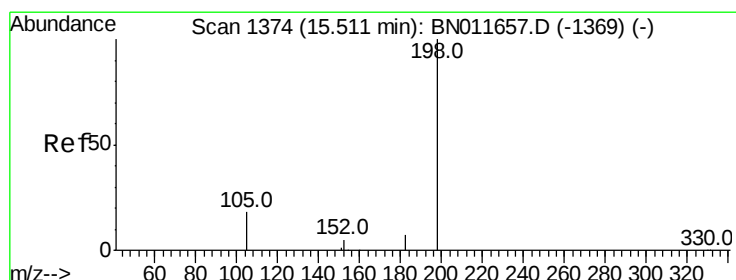
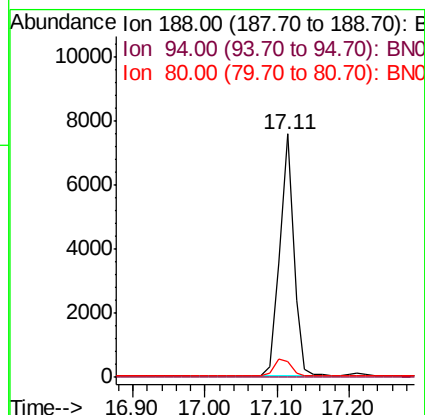
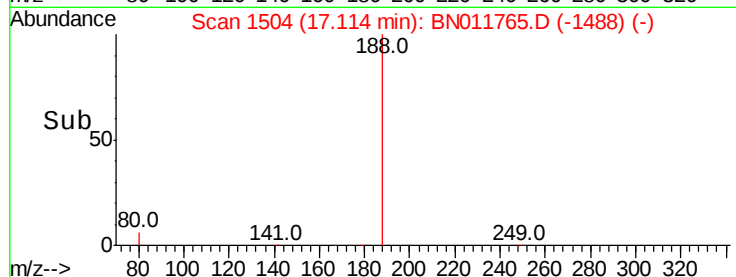
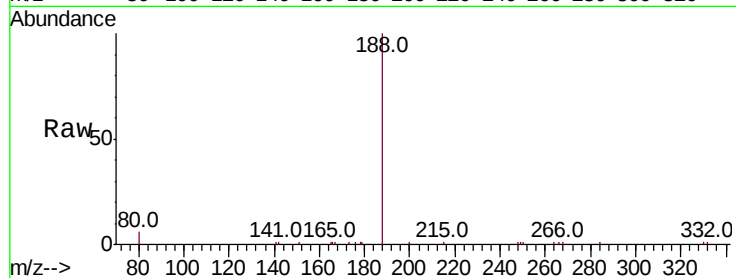
Tot Ion:188 Resp: 10298

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.5 6.6 9.8#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.371 ng

RT: 15.50 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

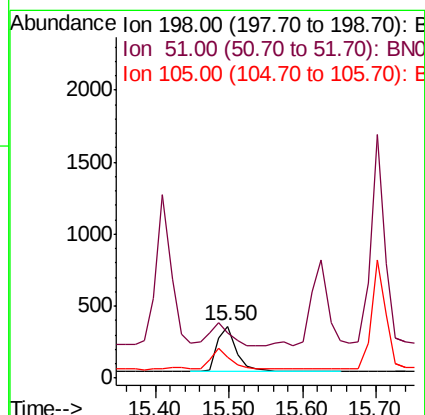
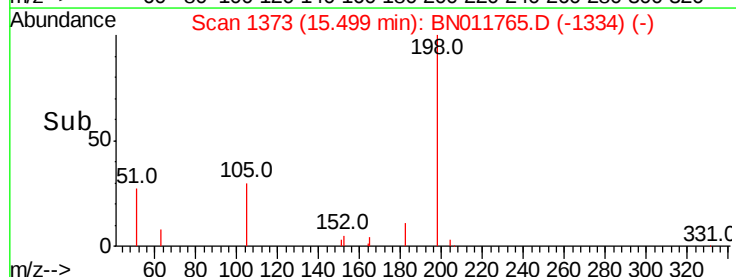
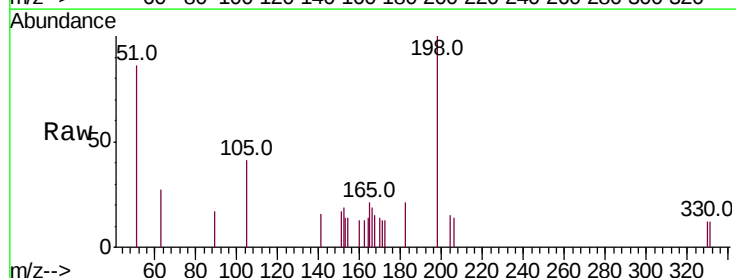
Tgt Ion:198 Resp: 590

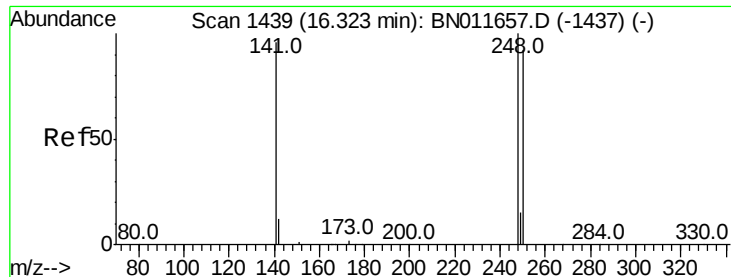
Ion Ratio Lower Upper

198 100

51 85.6 58.6 87.8

105 41.2 31.7 47.5

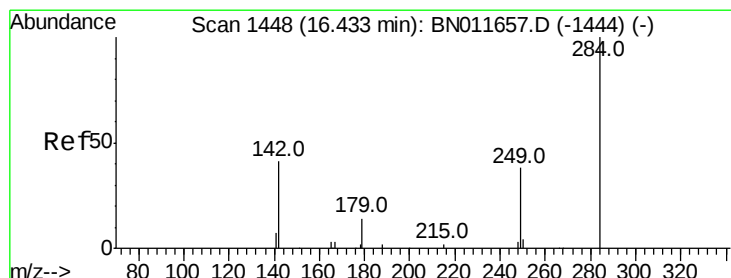
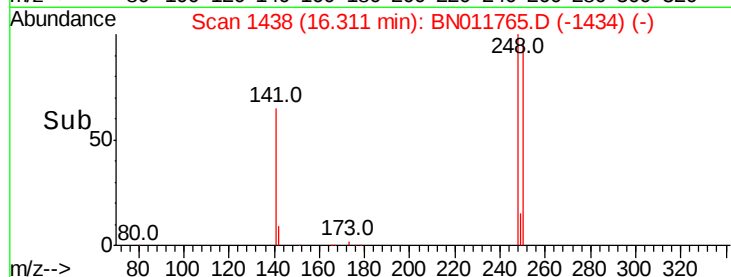
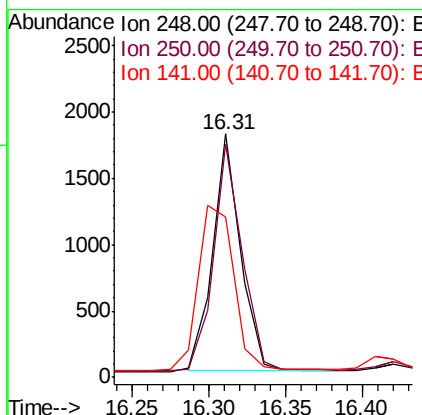
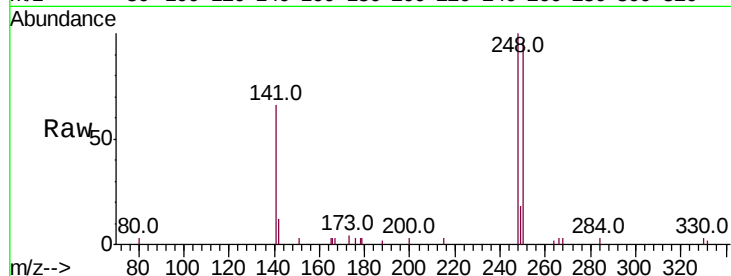




#21
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.31 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

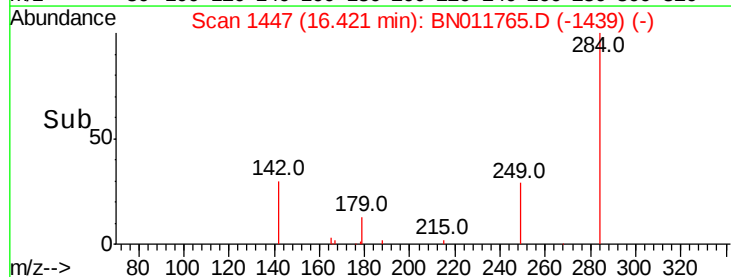
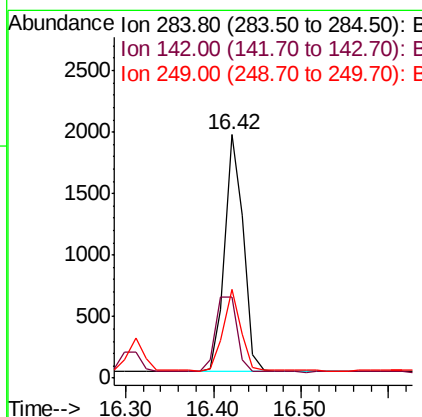
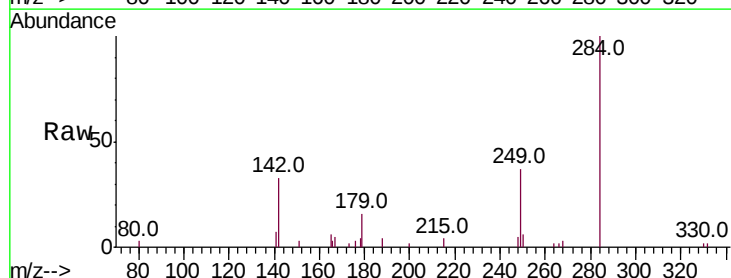
Instrument :
BNA_N
ClientSampleId :
PB131470BSD

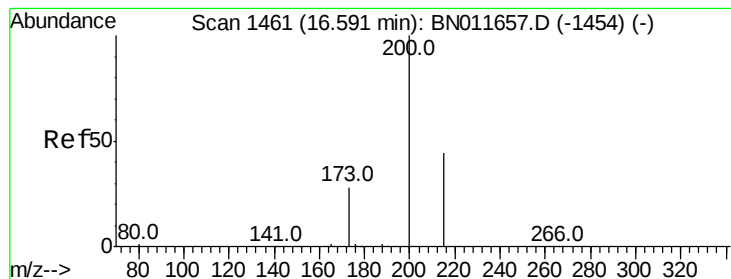
Tot Ion:248 Resp: 2225
Ion Ratio Lower Upper
248 100
250 95.9 73.9 110.9
141 66.0 79.8 119.6#



#22
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.42 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:284 Resp: 2846
Ion Ratio Lower Upper
284 100
142 36.5 29.0 43.4
249 32.0 25.7 38.5





#23

Atrazine

Concen: 0.244 ng

RT: 16.58 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

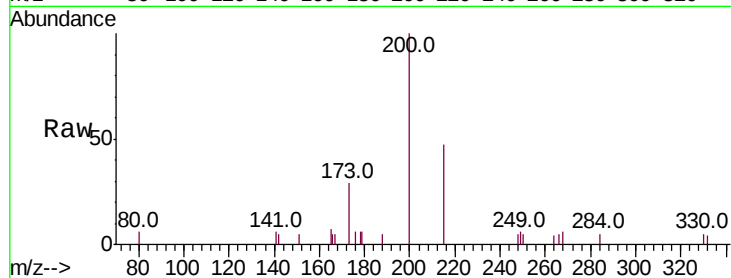
Tot Ion:200 Resp: 1294

Ion Ratio Lower Upper

200 100

173 28.8 24.3 36.5

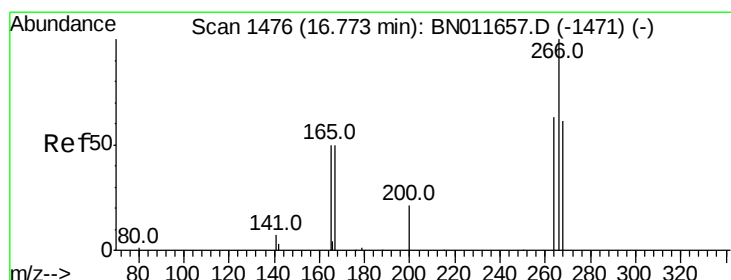
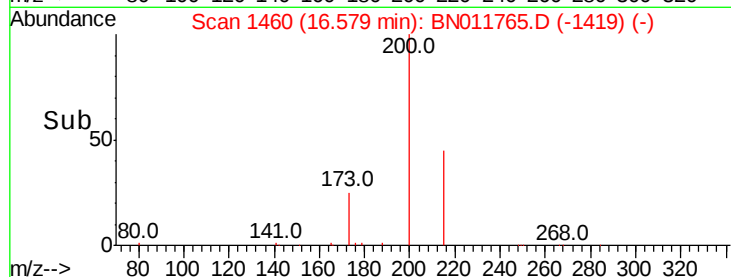
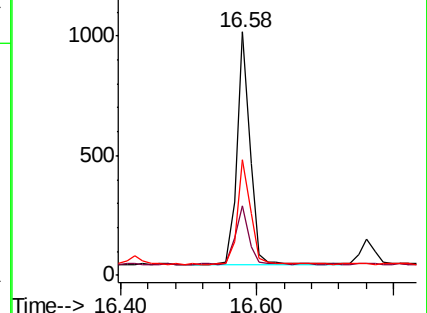
215 47.4 36.4 54.6



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: 0.299 ng

RT: 16.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

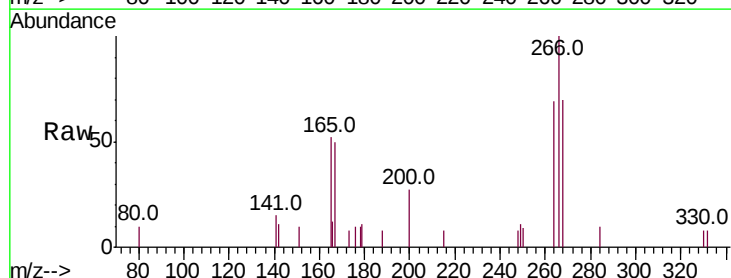
Tgt Ion:266 Resp: 884

Ion Ratio Lower Upper

266 100

264 64.8 49.5 74.3

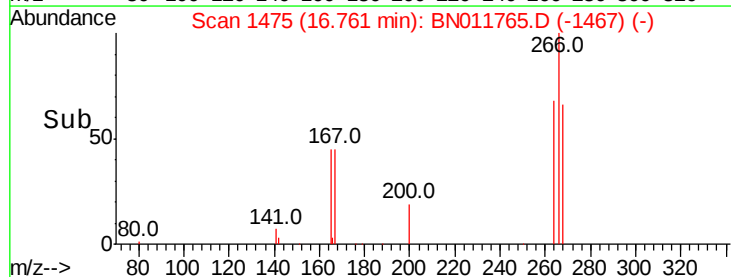
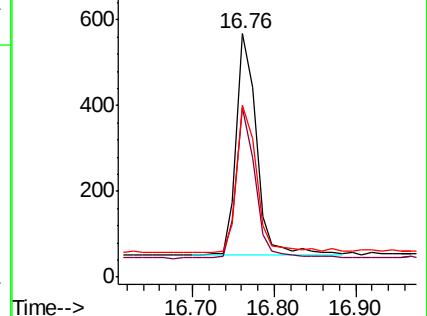
268 66.5 53.0 79.4

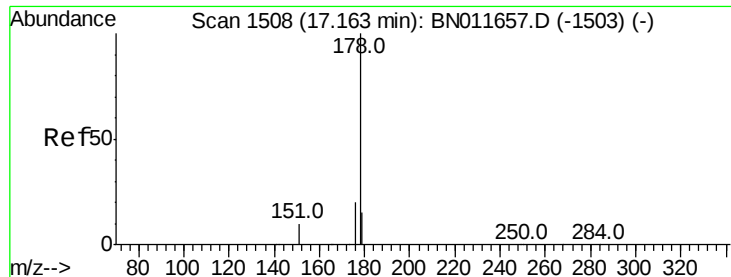


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.362 ng

RT: 17.15 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

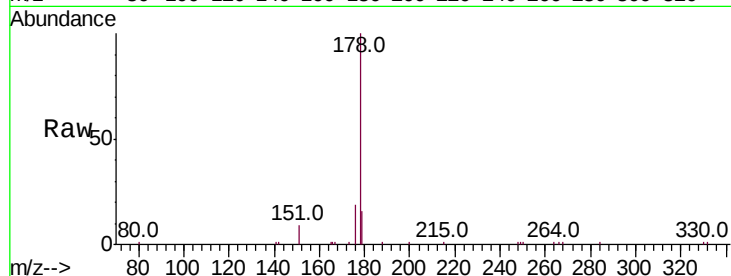
Tot Ion:178 Resp: 12042

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

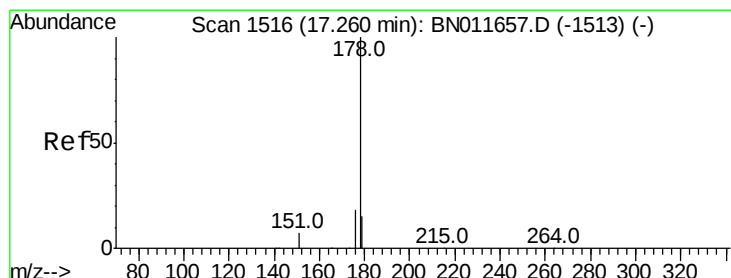
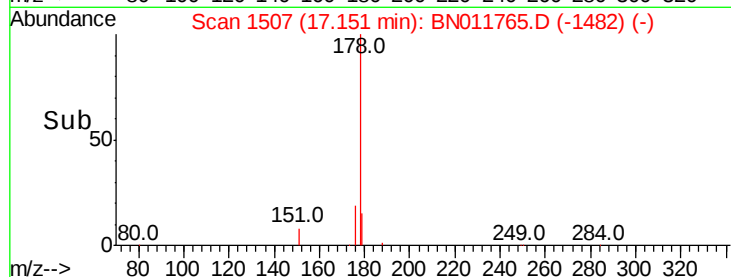
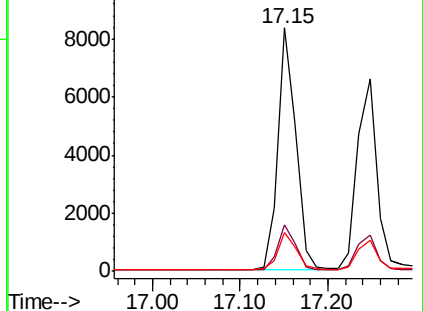
179 15.5 12.4 18.6



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: 0.351 ng

RT: 17.25 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

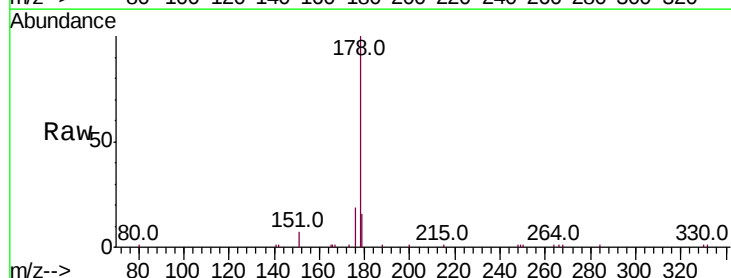
Tgt Ion:178 Resp: 10363

Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

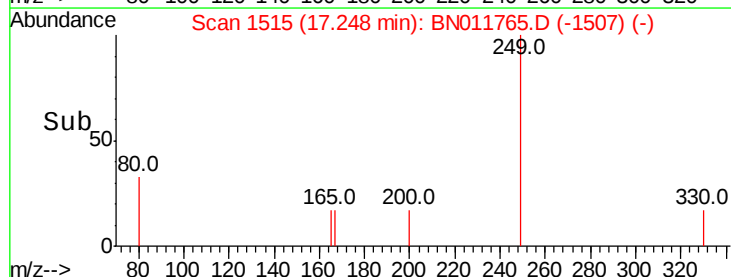
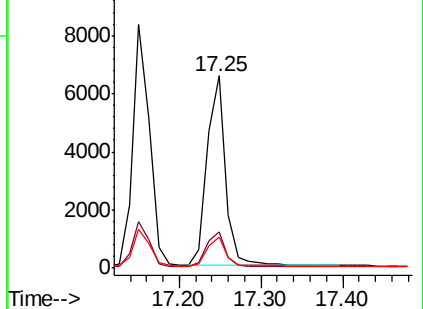
179 15.2 12.2 18.4

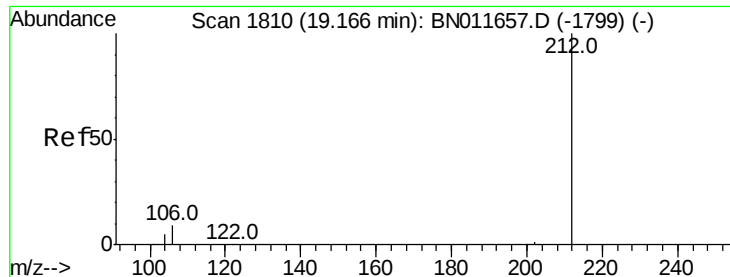


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

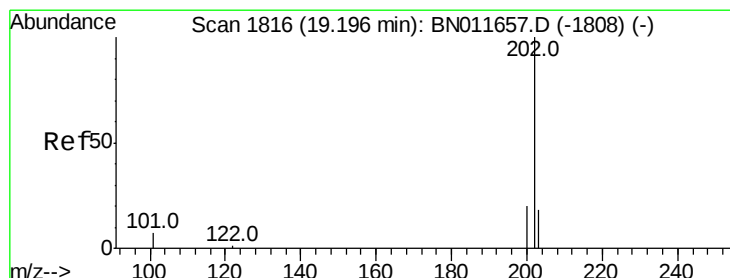
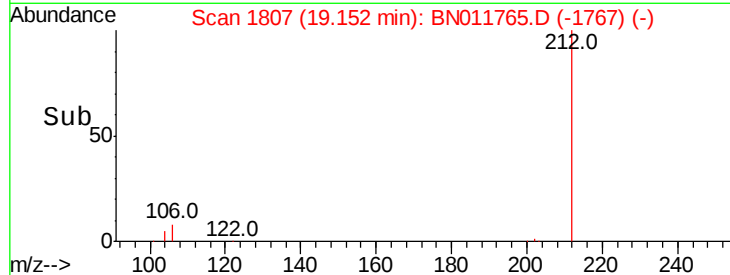
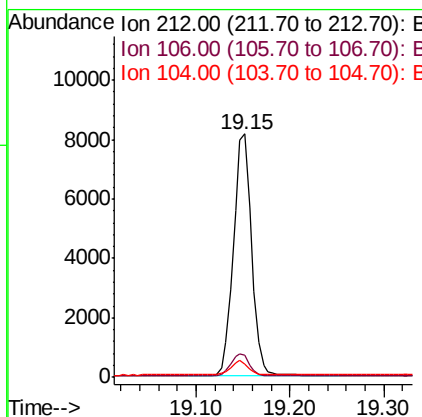
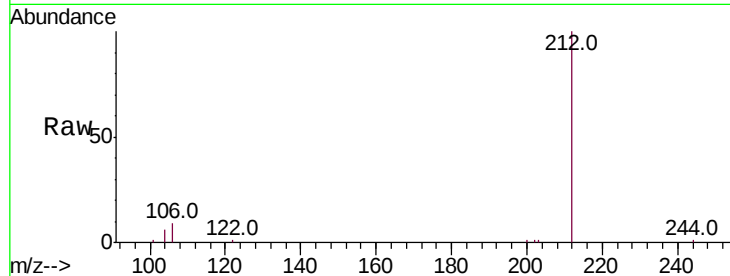




#27
 Fluoranthene-d10
 Concen: 0.330 ng
 RT: 19.15 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BN011765.D
 Acq: 09 Sep 2020 13:31

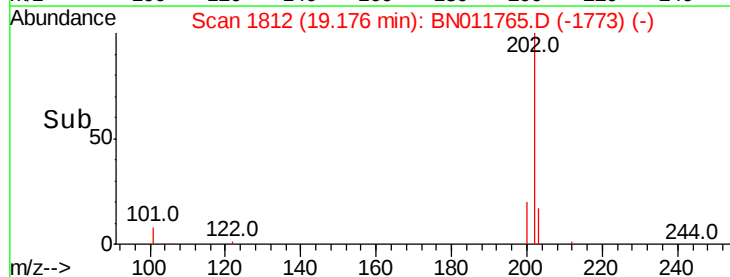
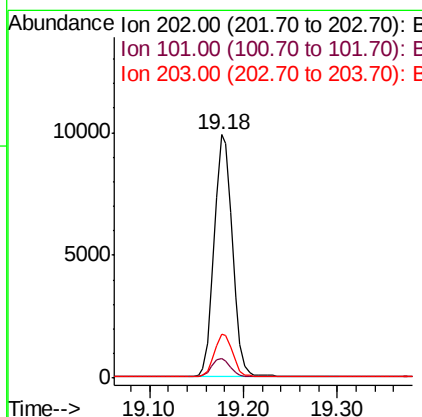
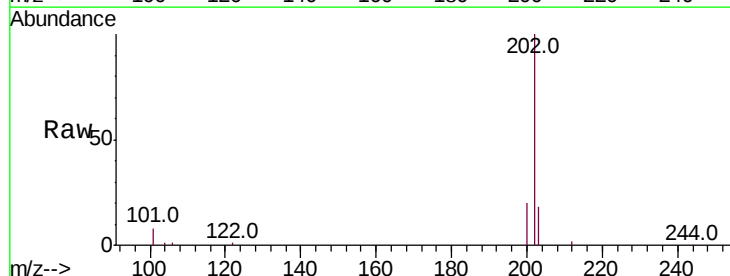
Instrument :
 BNA_N
 ClientSampleId :
 PB131470BSD

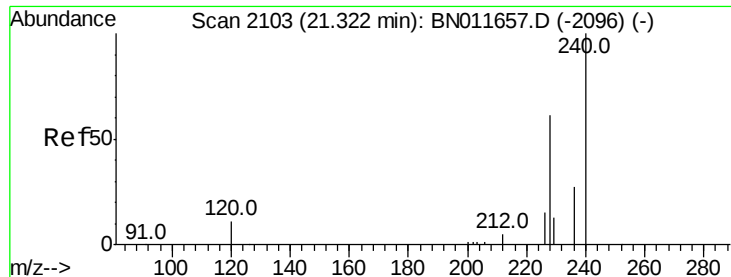
Tot Ion:212 Resp: 10913
 Ion Ratio Lower Upper
 212 100
 106 9.3 7.6 11.4
 104 5.7 4.6 6.8



#28
 Fluoranthene
 Concen: 0.336 ng
 RT: 19.18 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BN011765.D
 Acq: 09 Sep 2020 13:31

Tgt Ion:202 Resp: 13273
 Ion Ratio Lower Upper
 202 100
 101 7.9 6.5 9.7
 203 17.2 13.8 20.6

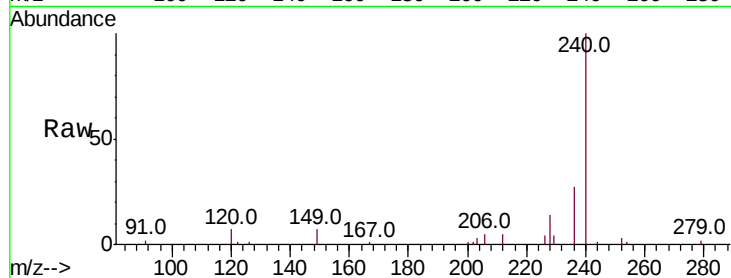




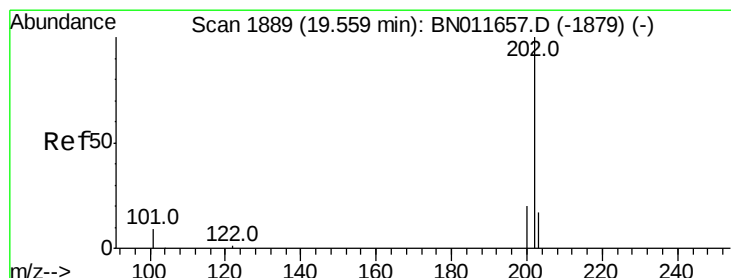
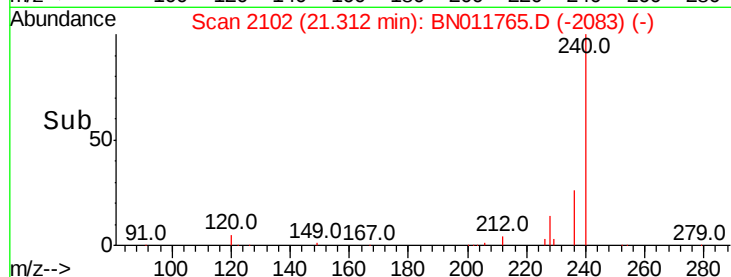
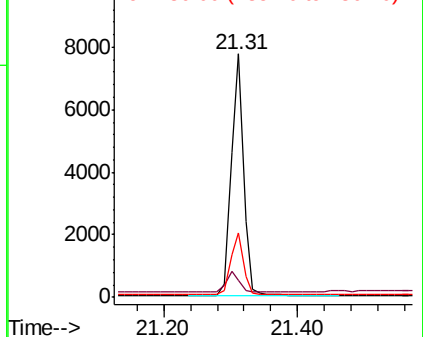
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tot Ion:240 Resp: 9952
Ion Ratio Lower Upper
240 100
120 7.0 9.9 14.9#
236 26.7 22.2 33.4

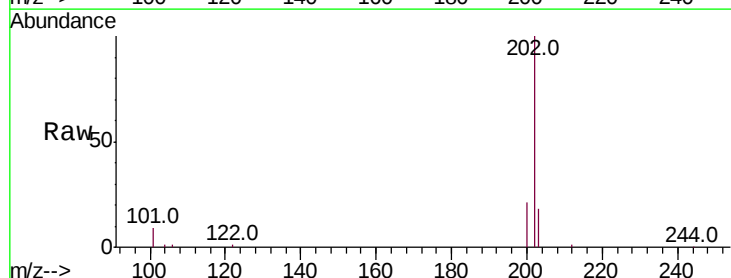


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

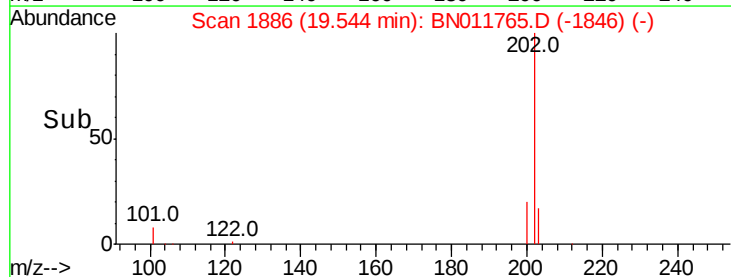
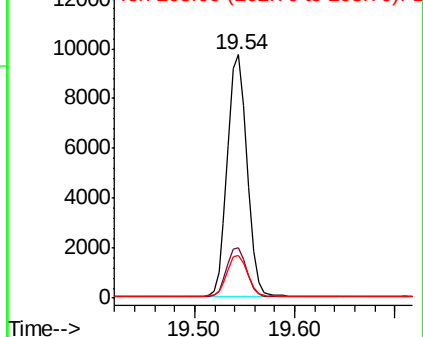


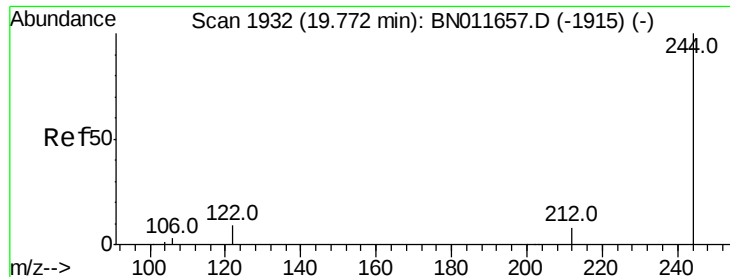
#30
Pyrene
Concen: 0.382 ng
RT: 19.54 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:202 Resp: 13215
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 17.5 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: 0.379 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

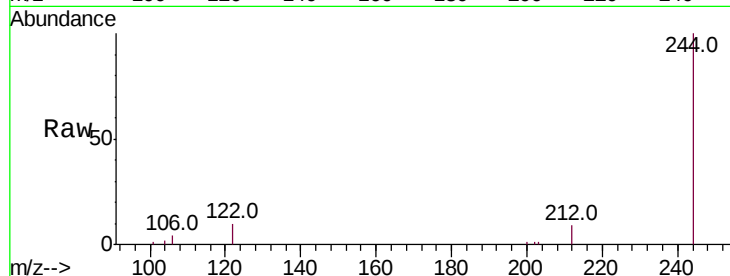
Tot Ion:244 Resp: 9355

Ion Ratio Lower Upper

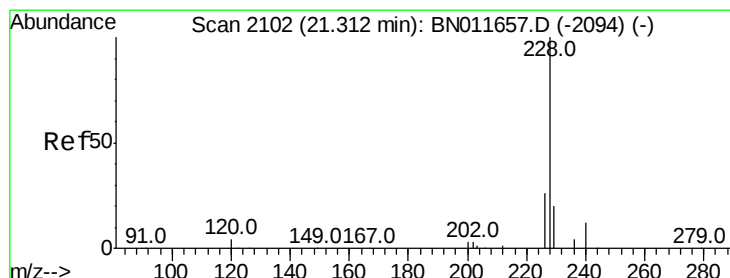
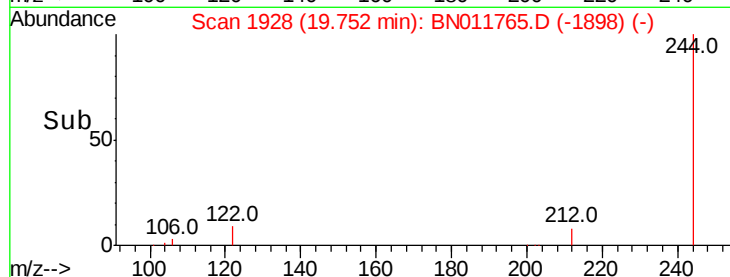
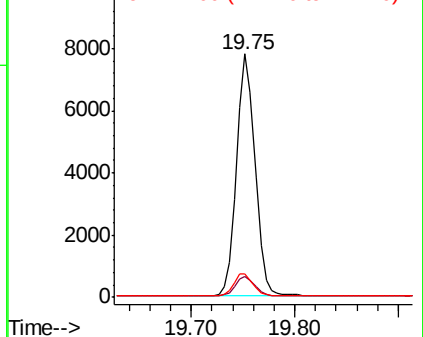
244 100

212 8.6 6.5 9.7

122 9.7 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: BN011765.D

Acq: 09 Sep 2020 13:31

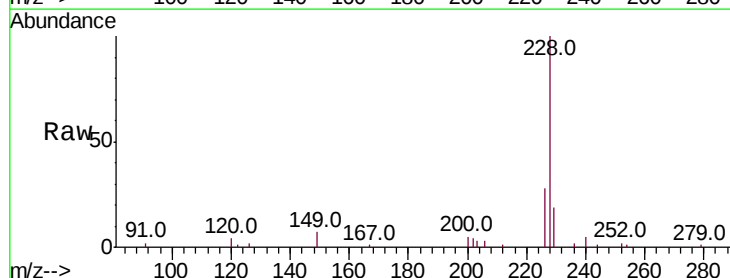
Tgt Ion:228 Resp: 12067

Ion Ratio Lower Upper

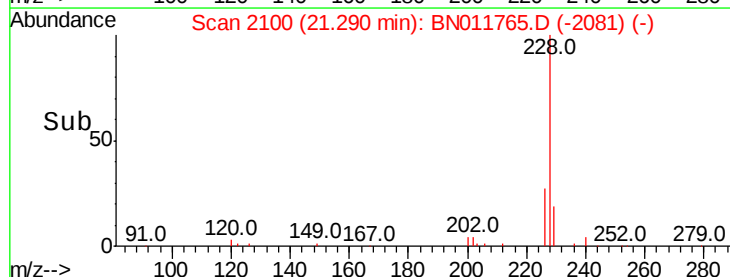
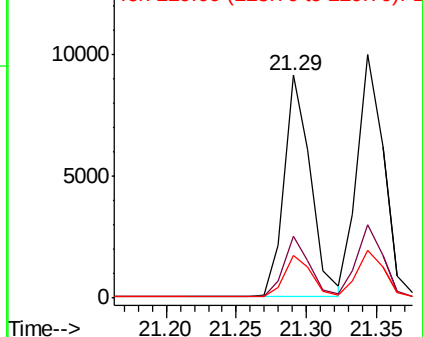
228 100

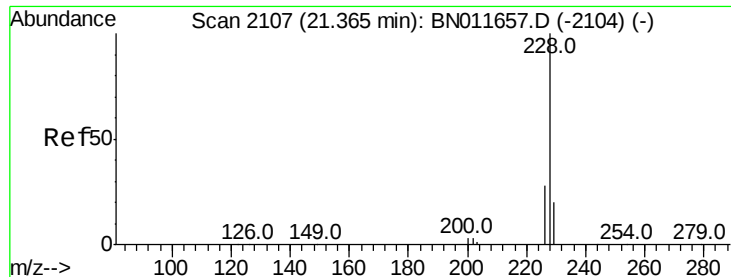
226 27.6 21.2 31.8

229 19.2 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: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

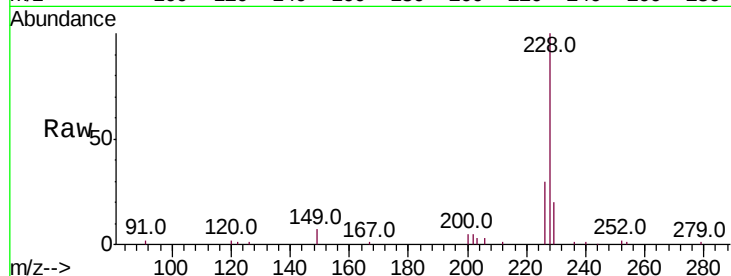
Tot Ion:228 Resp: 13088

Ion Ratio Lower Upper

228 100

226 30.0 22.7 34.1

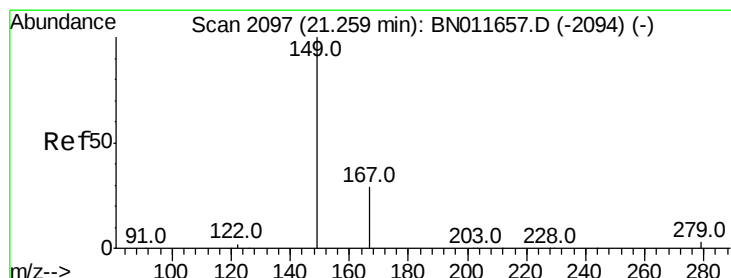
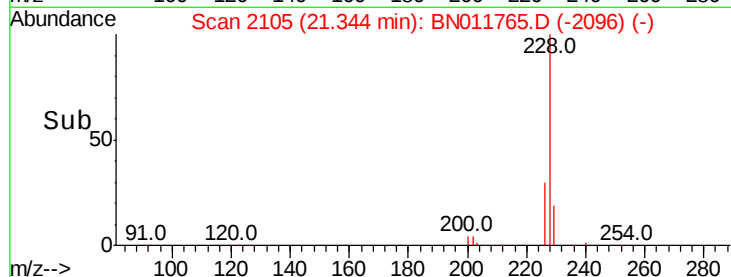
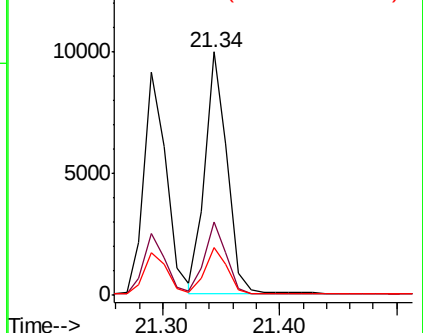
229 19.7 15.9 23.9



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: 0.334 ng

RT: 21.24 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

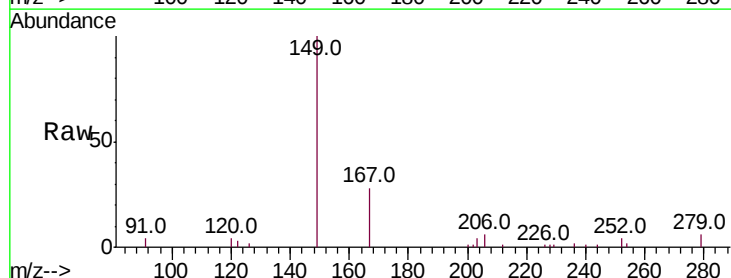
Tgt Ion:149 Resp: 4829

Ion Ratio Lower Upper

149 100

167 28.2 23.2 34.8

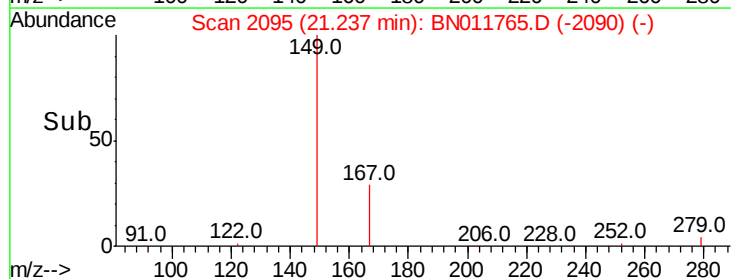
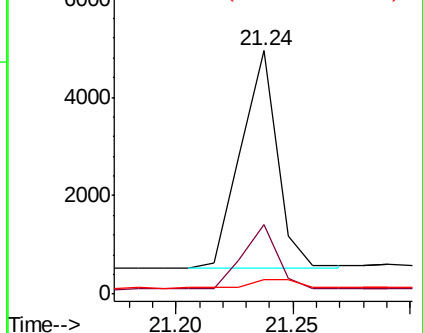
279 4.6 4.0 6.0

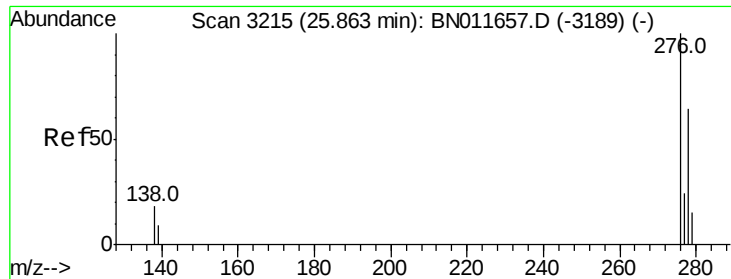


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

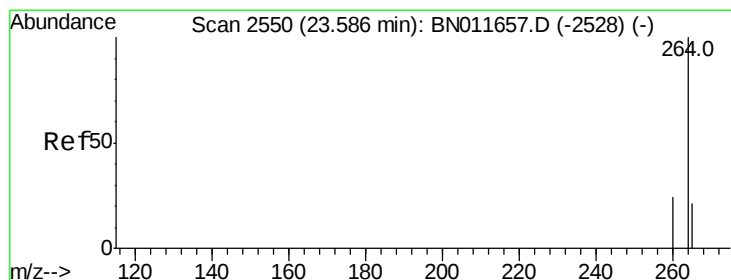
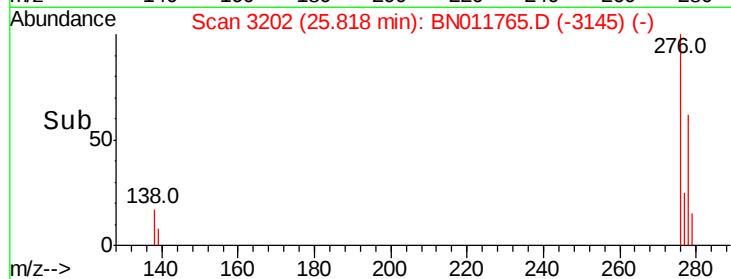
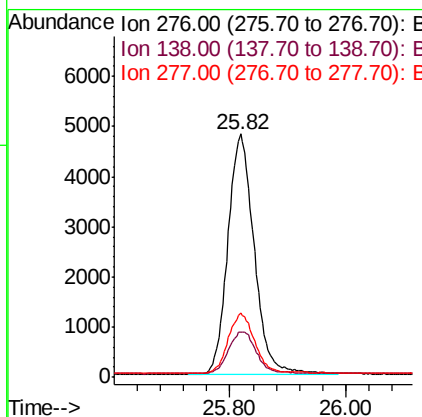
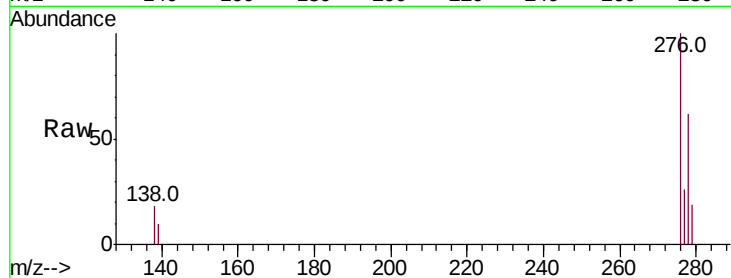




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.318 ng
 RT: 25.82 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BN011765.D
 Acq: 09 Sep 2020 13:31

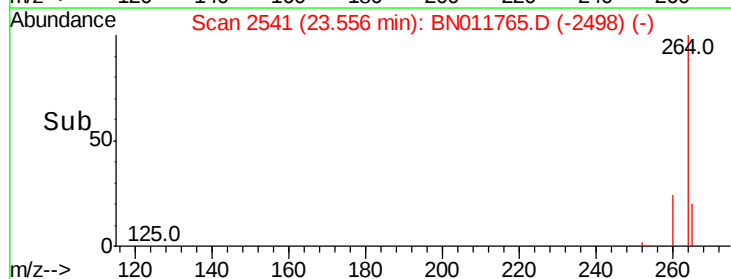
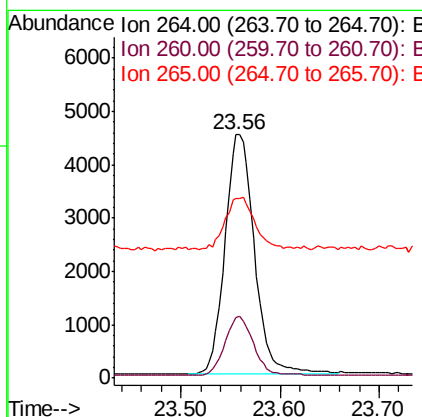
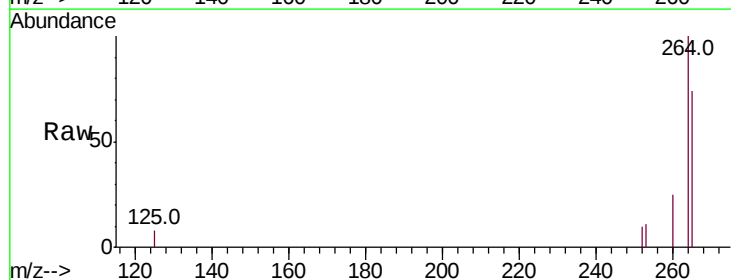
Instrument :
 BNA_N
 ClientSampleId :
 PB131470BSD

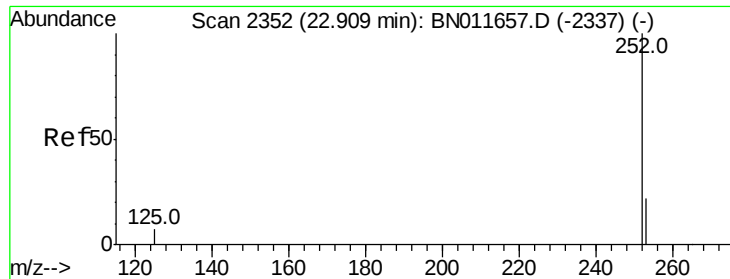
Tot Ion:276 Resp: 15199
 Ion Ratio Lower Upper
 276 100
 138 18.2 15.4 23.2
 277 25.0 20.1 30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BN011765.D
 Acq: 09 Sep 2020 13:31

Tgt Ion:264 Resp: 9255
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.6
 265 73.7 38.9 58.3#





#37

Benzo(b)fluoranthene

Concen: 0.378 ng

RT: 22.88 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

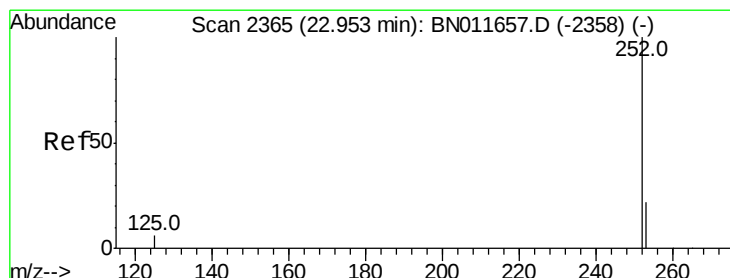
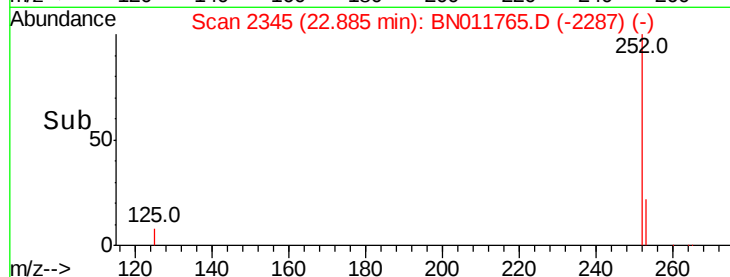
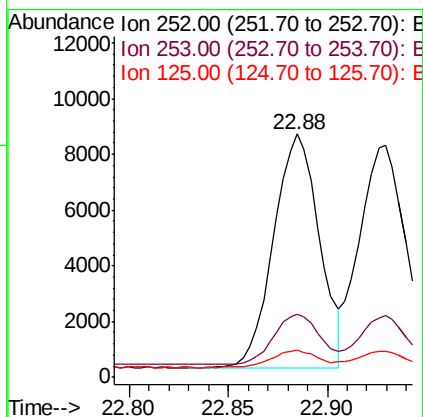
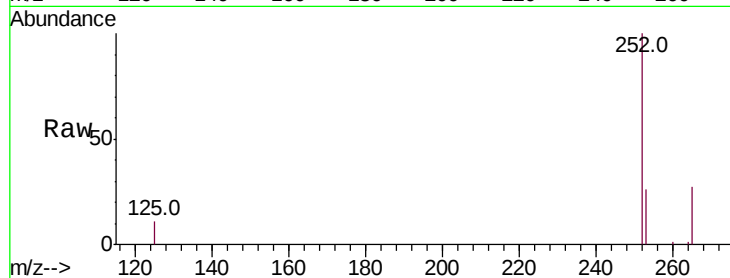
Tot Ion:252 Resp: 13431

Ion Ratio Lower Upper

252 100

253 26.0 19.7 29.5

125 11.2 7.8 11.8



#38

Benzo(k)fluoranthene

Concen: 0.369 ng

RT: 22.93 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

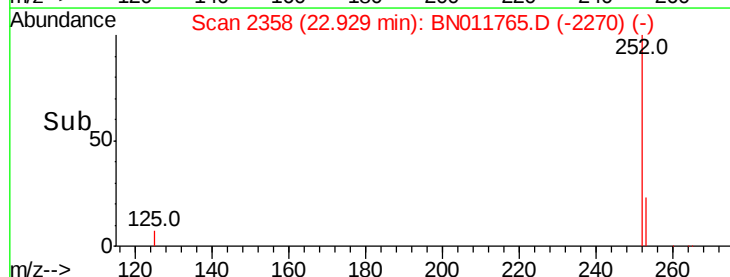
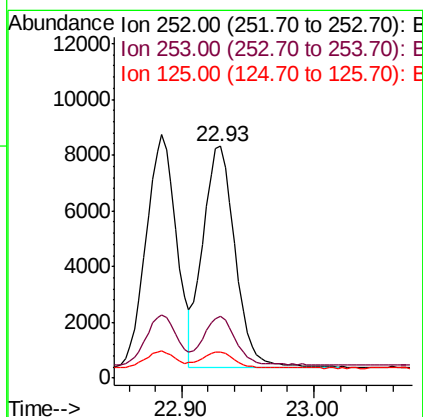
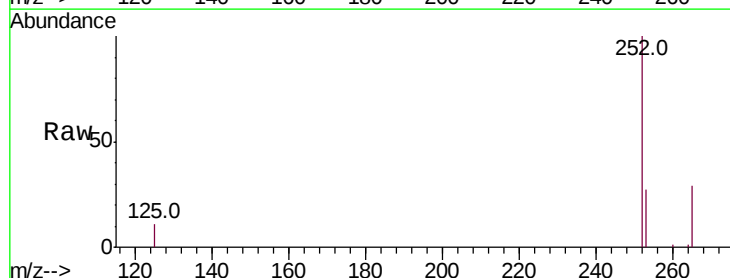
Tgt Ion:252 Resp: 13400

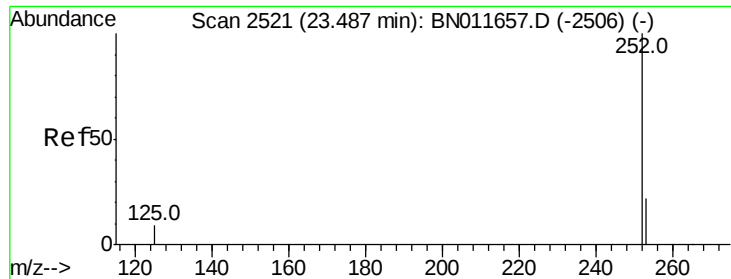
Ion Ratio Lower Upper

252 100

253 26.8 19.4 29.0

125 11.2 8.4 12.6





#39

Benzo(a)pyrene

Concen: 0.355 ng

RT: 23.46 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

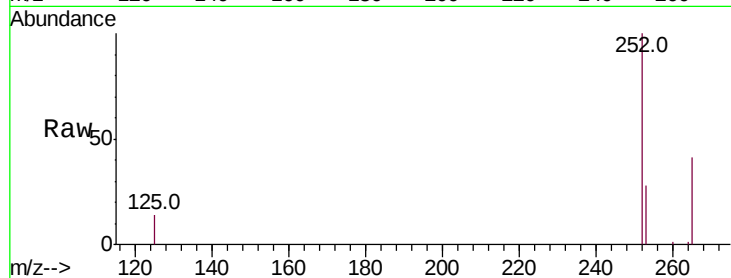
Tot Ion:252 Resp: 11257

Ion Ratio Lower Upper

252 100

253 28.1 20.3 30.5

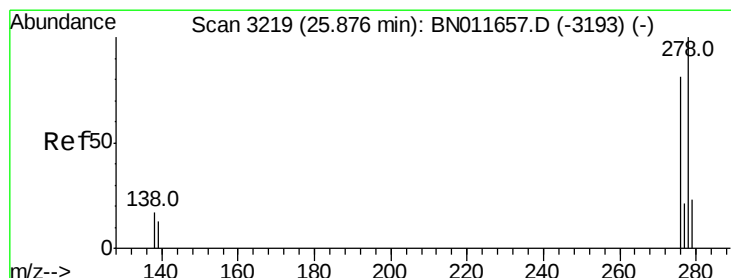
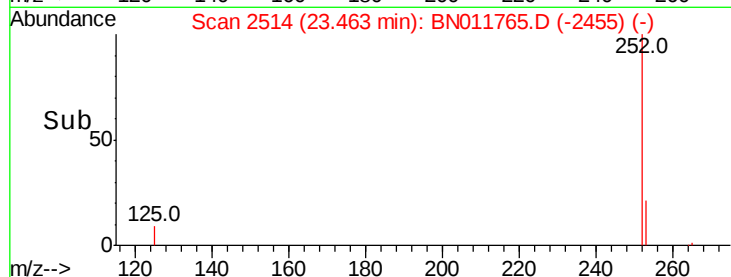
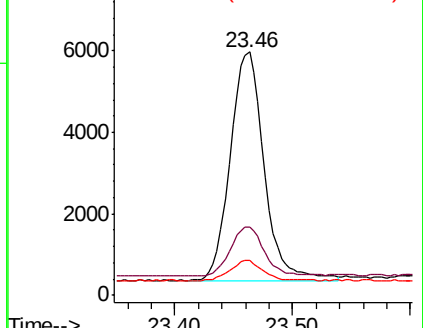
125 14.4 9.8 14.6



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: 0.347 ng

RT: 25.83 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

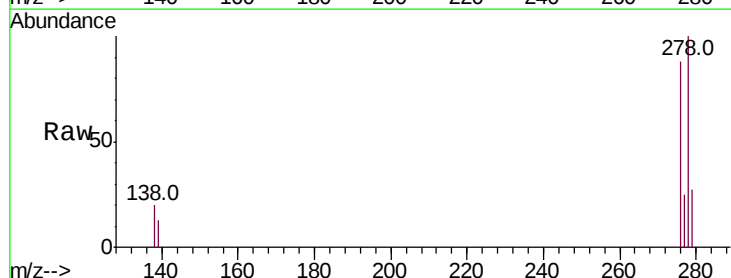
Tgt Ion:278 Resp: 12426

Ion Ratio Lower Upper

278 100

139 13.5 11.0 16.6

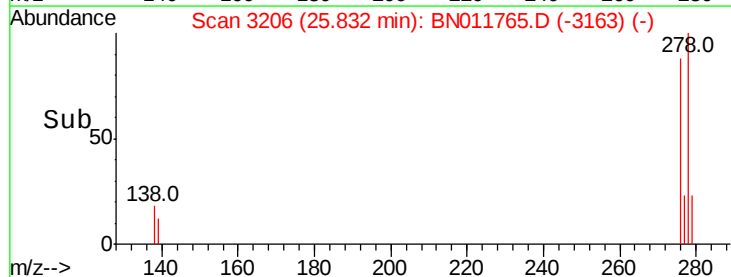
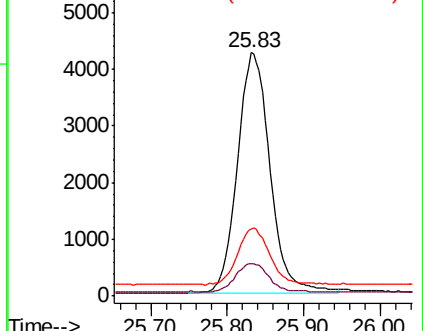
279 27.4 20.5 30.7

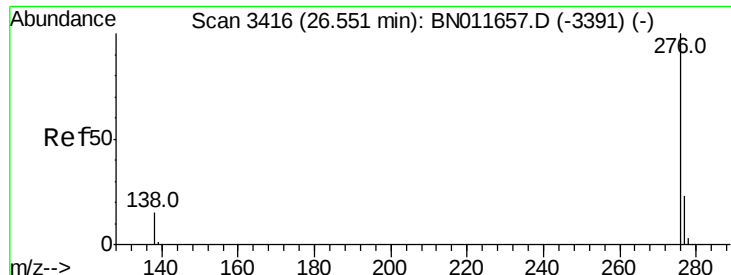


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.370 ng

RT: 26.51 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BN011765.D

Acq: 09 Sep 2020 13:31

Instrument :

BNA_N

ClientSampleId :

PB131470BSD

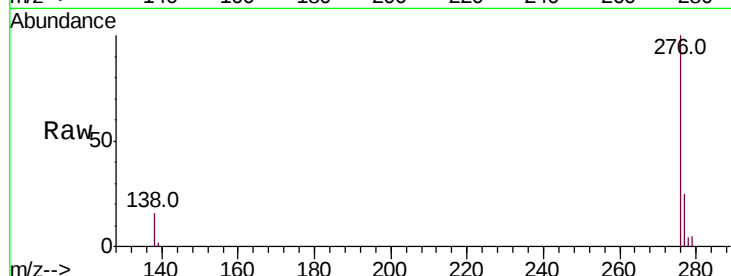
Tot Ion:276 Resp: 12962

Ion Ratio Lower Upper

276 100

277 25.4 19.7 29.5

138 16.3 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

