

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011664.D
 Acq On : 27 Aug 2020 15:06
 Operator : CG/JU
 Sample : PB131164BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131164BS

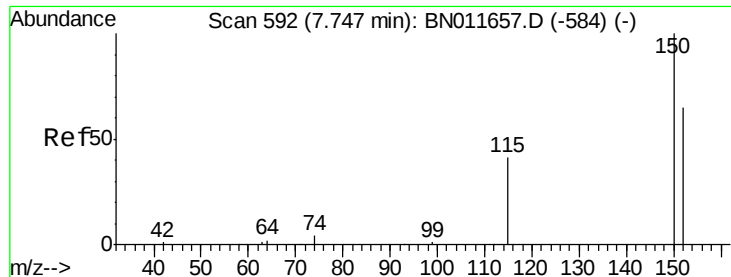
Quant Time: Aug 27 15:38:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 14:34:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1777	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	6806	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4095	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9054	0.40	ng	0.00
29) Chrysene-d12	21.32	240	9442	0.40	ng	0.00
36) Perylene-d12	23.58	264	10163	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1881	0.37	ng	0.00
5) Phenol-d6	6.91	99	2496	0.37	ng	0.00
8) Nitrobenzene-d5	8.88	82	2398	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4416	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	668	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	6324	0.37	ng	0.00
27) Fluoranthene-d10	19.16	212	10481	0.36	ng	0.00
31) Terphenyl-d14	19.77	244	8980	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1113	0.390	ng	95
3) n-Nitrosodimethylamine	3.59	42	1235	0.374	ng	# 93
6) bis(2-Chloroethyl)ether	7.17	93	2108	0.380	ng	99
9) Naphthalene	10.58	128	7096	0.365	ng	100
10) Hexachlorobutadiene	10.87	225	1594	0.373	ng	# 99
12) 2-Methylnaphthalene	12.20	142	4987	0.360	ng	98
16) Acenaphthylene	14.10	152	6904	0.346	ng	99
17) Acenaphthene	14.45	154	4965	0.361	ng	99
18) Fluorene	15.44	166	6334	0.359	ng	100
20) 4,6-Dinitro-2-methylphenol	15.51	198	448	0.321	ng	# 82
21) 4-Bromophenyl-phenylether	16.32	248	1875	0.353	ng	99
22) Hexachlorobenzene	16.43	284	2405	0.367	ng	100
23) Atrazine	16.59	200	1606	0.345	ng	98
24) Pentachlorophenol	16.79	266	928	0.357	ng	96
25) Phenanthrene	17.16	178	10418	0.356	ng	100
26) Anthracene	17.26	178	9229	0.355	ng	100
28) Fluoranthene	19.19	202	12347	0.356	ng	100
30) Pvrene	19.56	202	12472	0.380	ng	99
32) Benzo(a)anthracene	21.31	228	12449	0.369	ng	99
33) Chrysene	21.35	228	13175	0.379	ng	97
34) Bis(2-ethylhexyl)phthalate	21.25	149	4724	0.344	ng	100
35) Indeno(1,2,3-cd)pyrene	25.86	276	16808	0.371	ng	100
37) Benzo(b)fluoranthene	22.90	252	13846	0.355	ng	98
38) Benzo(k)fluoranthene	22.95	252	14292	0.359	ng	97
39) Benzo(a)pyrene	23.48	252	12020	0.345	ng	97
40) Dibenzo(a,h)anthracene	25.87	278	13938	0.354	ng	98
41) Benzo(g,h,i)perylene	26.55	276	13550	0.352	ng	99

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

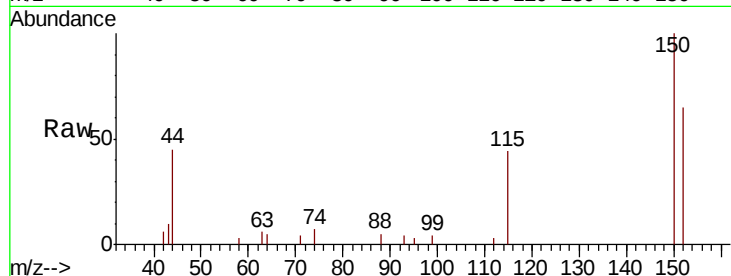


#1

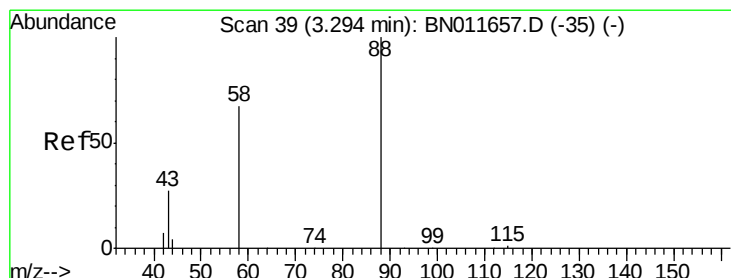
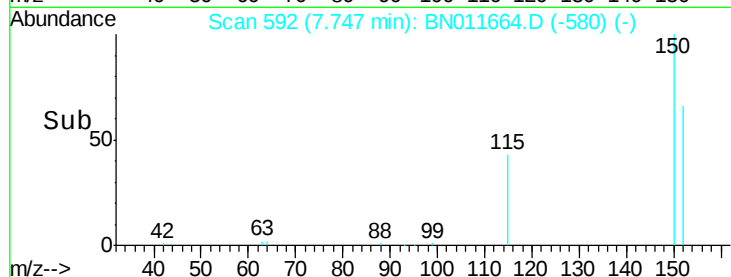
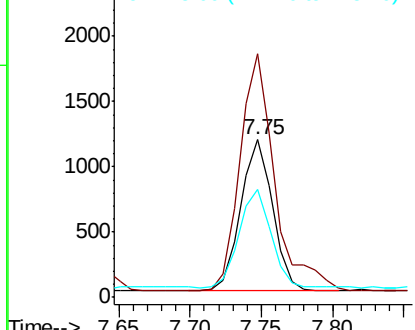
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

Instrument :
BNA_N
ClientSampleId :
PB131164BS

Tot Ion:152 Resp: 1777
Ion Ratio Lower Upper
152 100
150 154.3 121.0 181.6
115 68.3 52.6 78.8



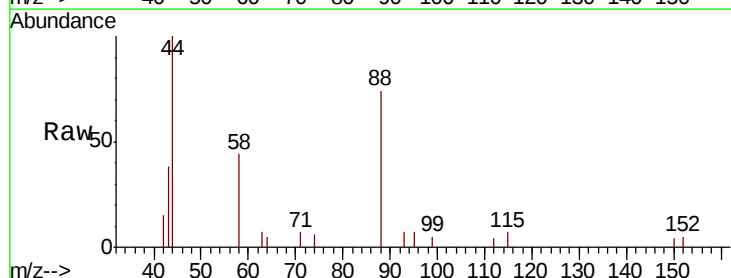
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



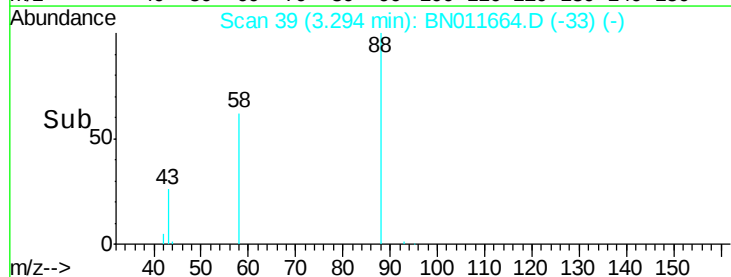
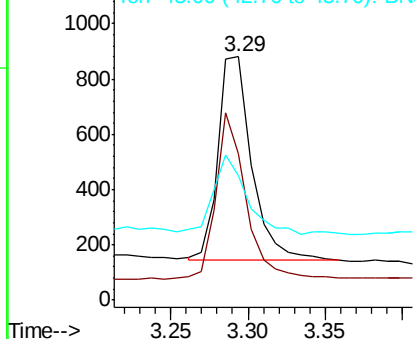
#2

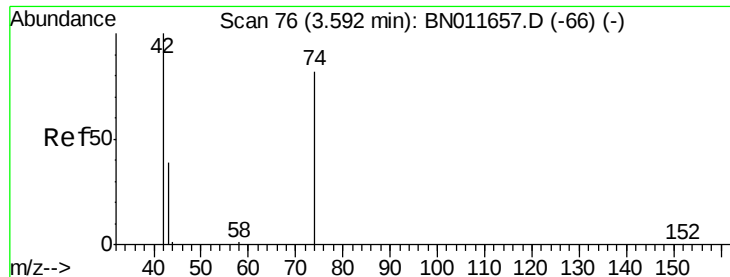
1,4-Dioxane
Concen: 0.390 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

Tgt Ion: 88 Resp: 1113
Ion Ratio Lower Upper
88 100
58 71.1 61.4 92.0
43 35.3 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: 0.374 ng

RT: 3.59 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

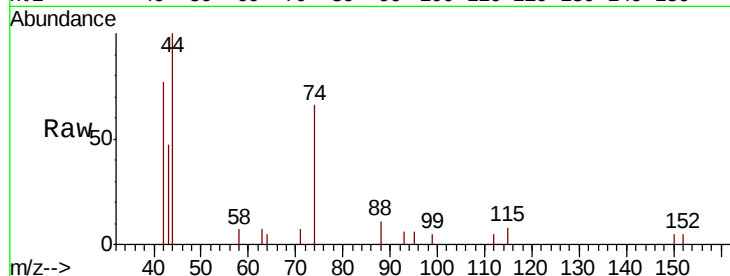
Tot Ion: 42 Resp: 1235

Ion Ratio Lower Upper

42 100

74 105.4 79.0 118.6

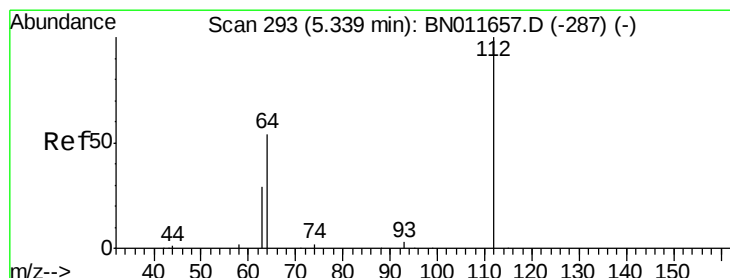
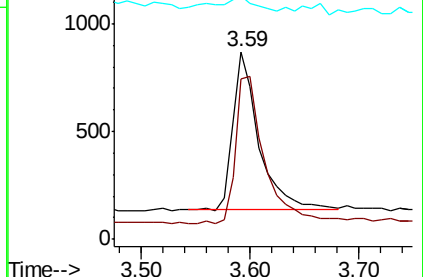
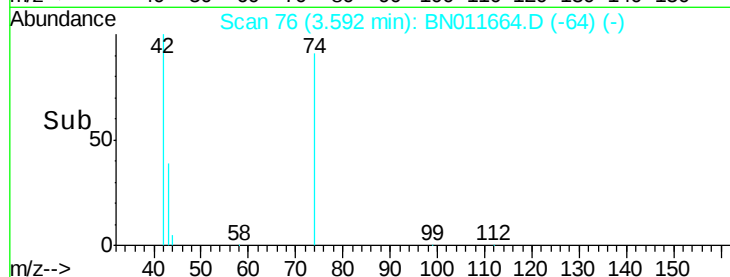
44 14.7 8.1 12.1#



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

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

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



#4

2-Fluorophenol

Concen: 0.375 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

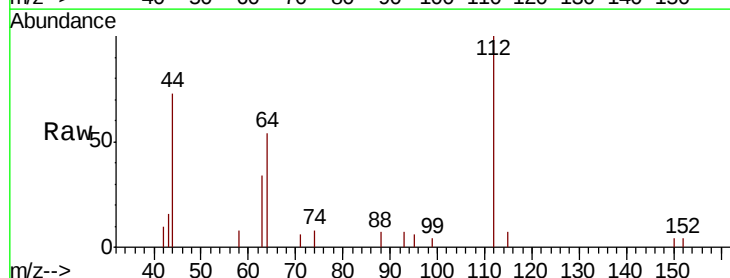
Tgt Ion: 112 Resp: 1881

Ion Ratio Lower Upper

112 100

64 61.0 49.7 74.5

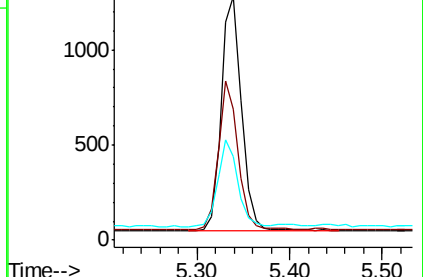
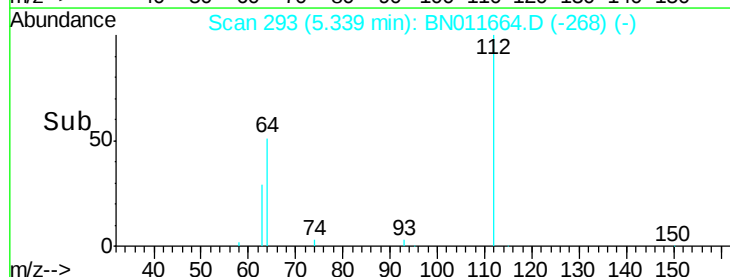
63 35.8 29.4 44.0

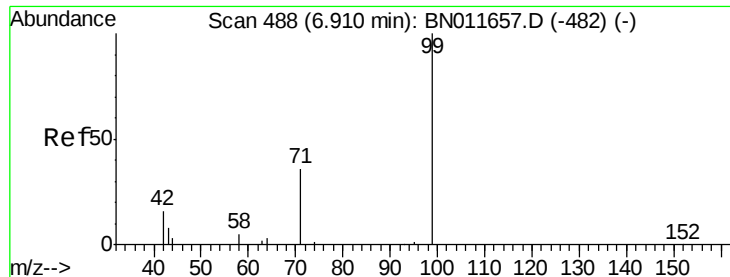


Abundance Ion 112.00 (111.70 to 112.70): BN011657.D (-287) (-)

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

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





#5

Phenol-d6

Concen: 0.366 ng

RT: 6.91 min Scan# 488

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

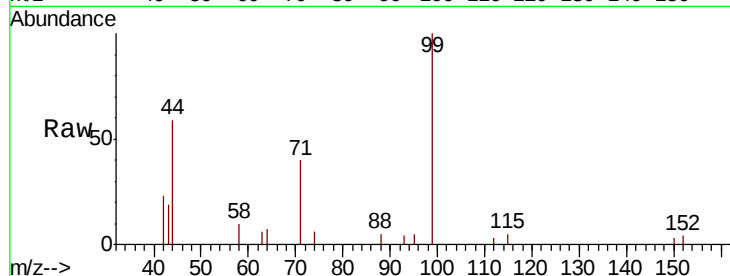
Tot Ion: 99 Resp: 2496

Ion Ratio Lower Upper

99 100

42 24.7 20.2 30.2

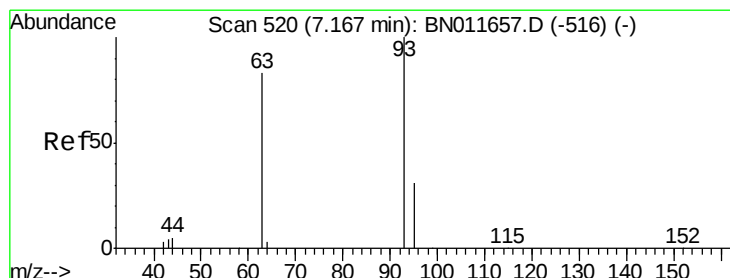
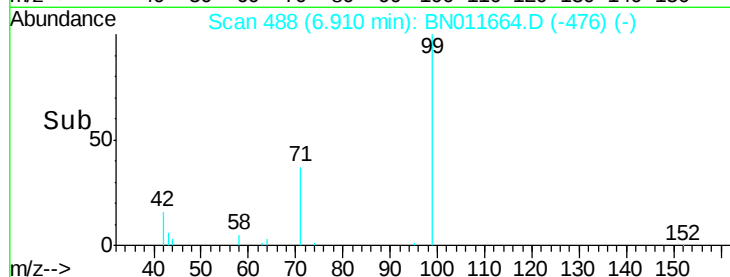
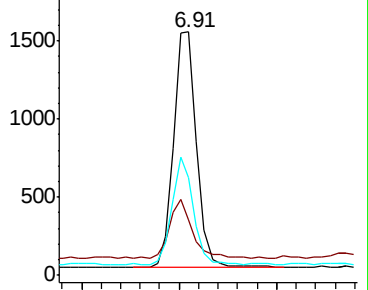
71 42.3 33.3 49.9



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.380 ng

RT: 7.17 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

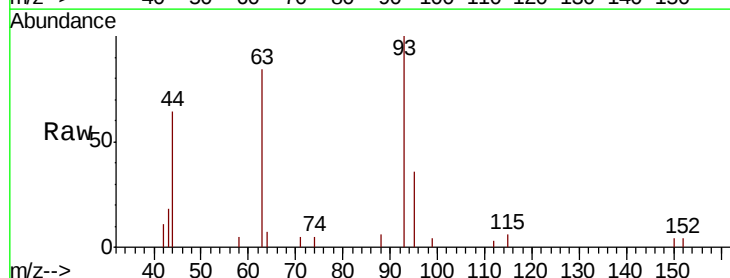
Tgt Ion: 93 Resp: 2108

Ion Ratio Lower Upper

93 100

63 76.5 62.2 93.4

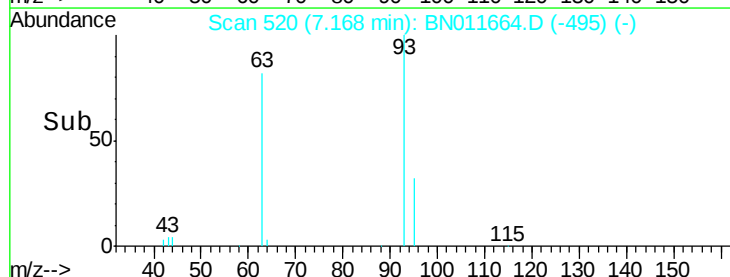
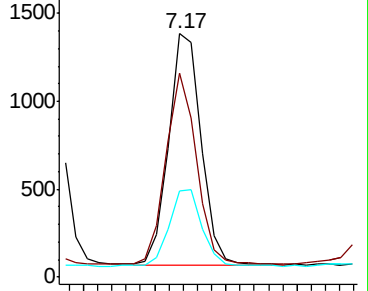
95 33.5 26.6 39.8

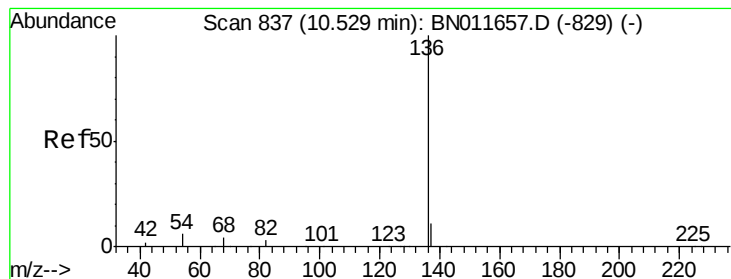


Abundance Ion 93.00 (92.70 to 93.70): BN011657.D (-516) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

Tot Ion:136 Resp: 6806

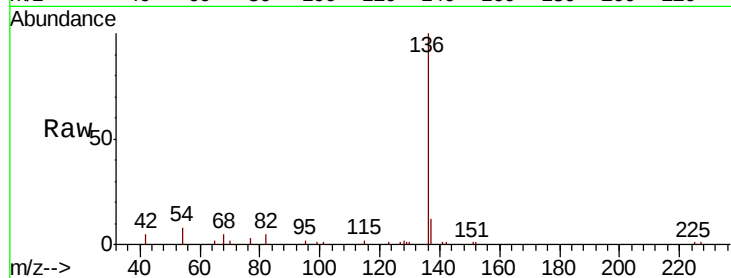
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.8 5.8 8.8

68 5.3 4.1 6.1

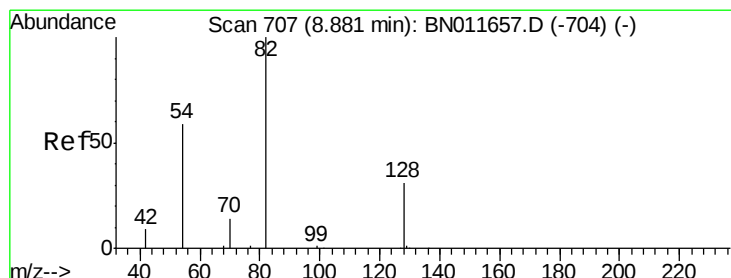
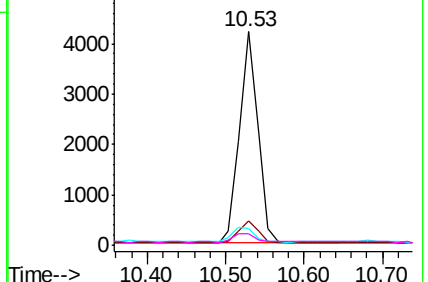
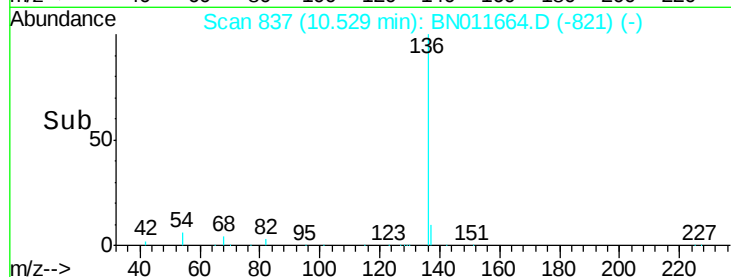


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

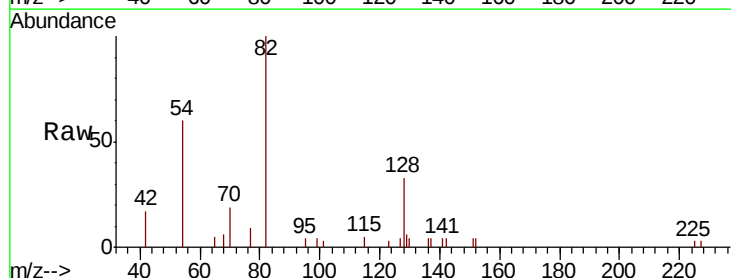
Tgt Ion: 82 Resp: 2398

Ion Ratio Lower Upper

82 100

128 32.7 26.2 39.2

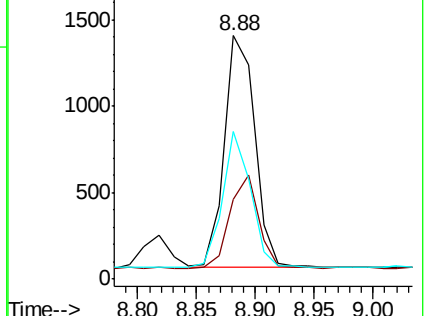
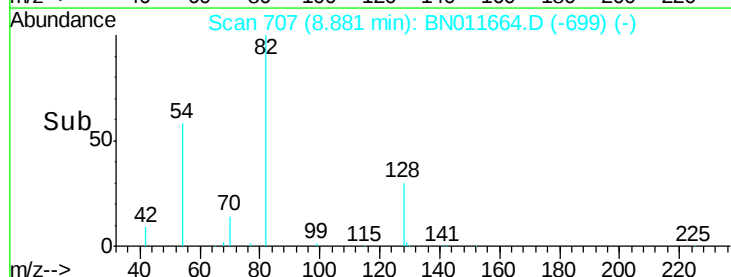
54 60.4 48.2 72.4

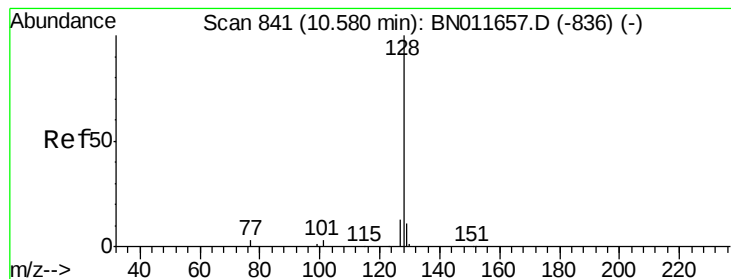


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.365 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

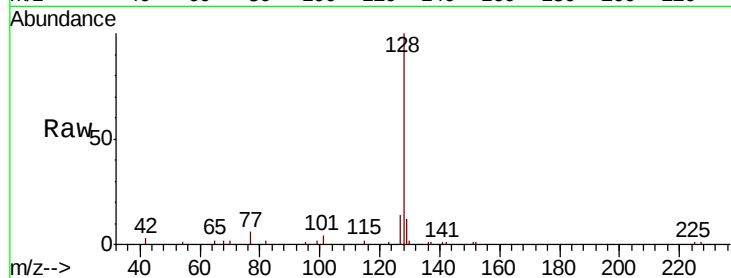
Tot Ion:128 Resp: 7096

Ion Ratio Lower Upper

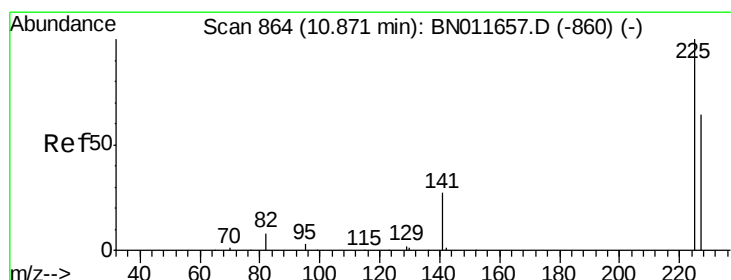
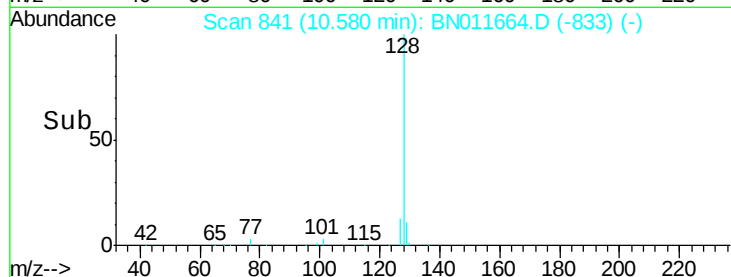
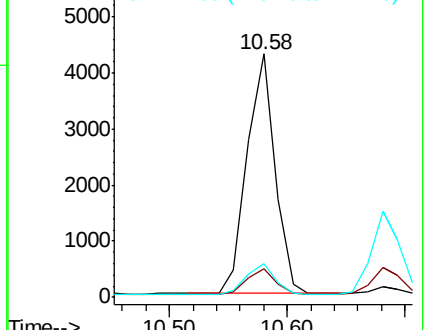
128 100

129 11.8 9.4 14.2

127 13.8 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: 0.373 ng

RT: 10.87 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

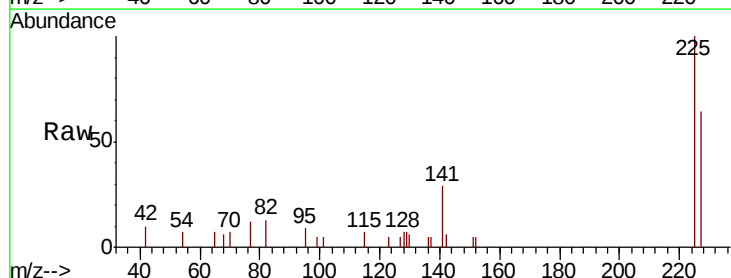
Tgt Ion:225 Resp: 1594

Ion Ratio Lower Upper

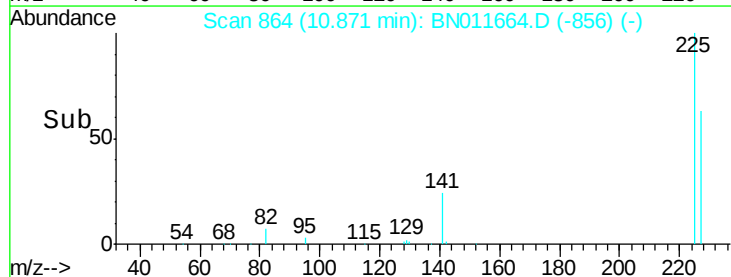
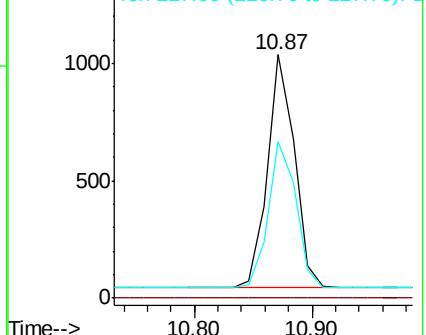
225 100

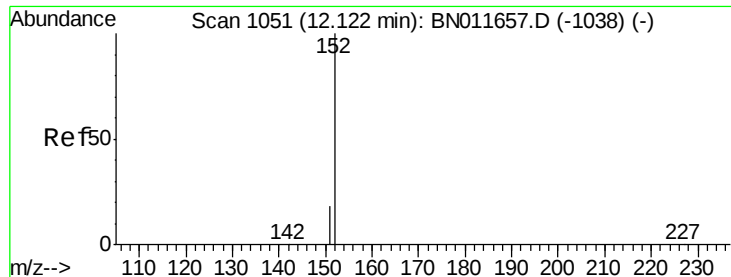
223 0.0 0.0 0.0

227 64.4 52.3 78.5



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

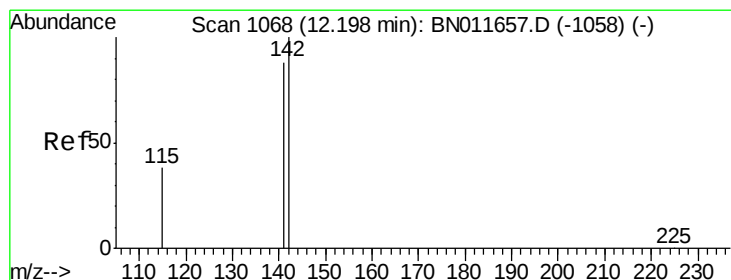
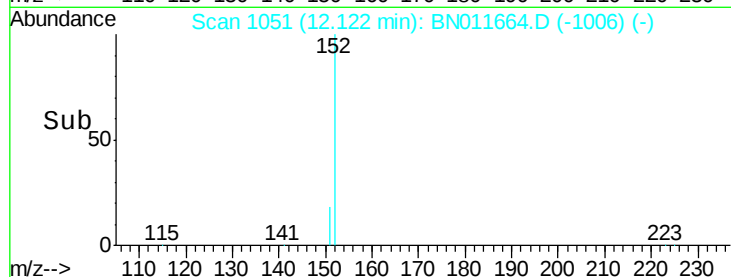
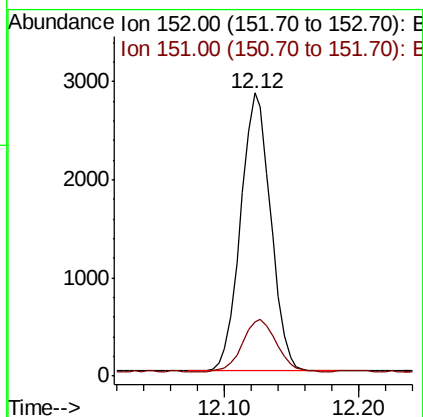
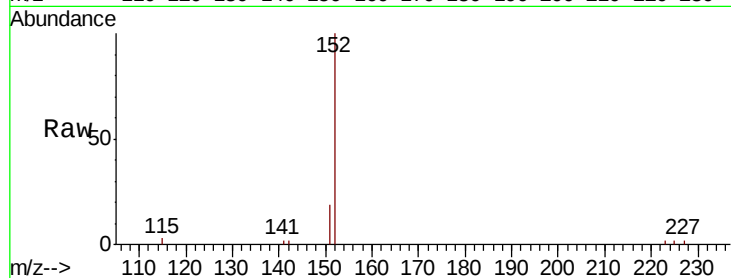




#11
 2-Methylnaphthalene-d10
 Concen: 0.360 ng
 RT: 12.12 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BN011664.D
 Acq: 27 Aug 2020 15:06

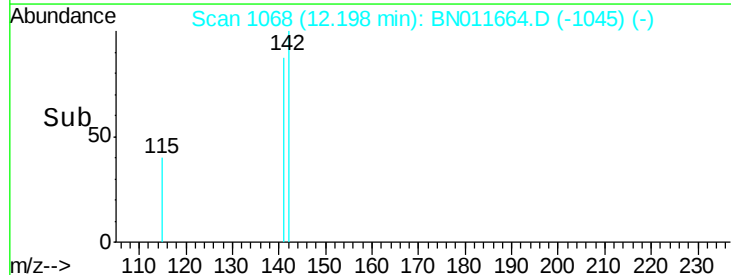
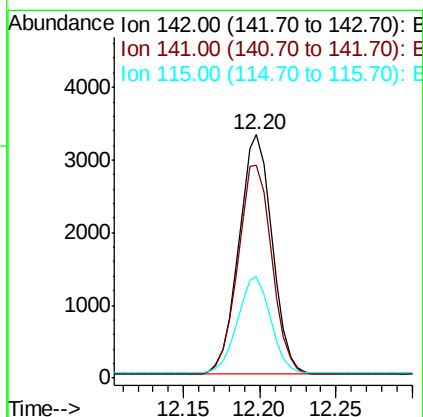
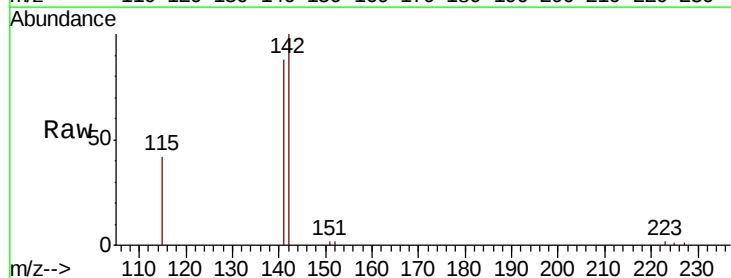
Instrument :
 BNA_N
 ClientSampleId :
 PB131164BS

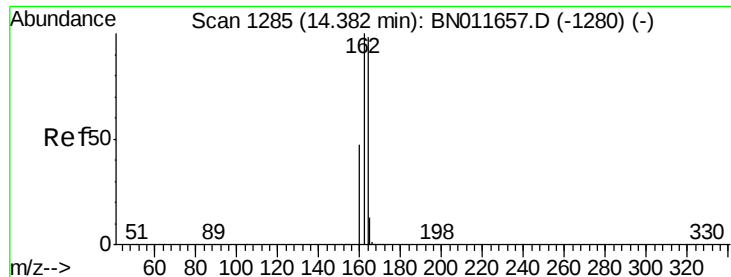
Tot Ion:152 Resp: 4416
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.7 25.1



#12
 2-Methylnaphthalene
 Concen: 0.360 ng
 RT: 12.20 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BN011664.D
 Acq: 27 Aug 2020 15:06

Tgt Ion:142 Resp: 4987
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.6 106.0
 115 41.6 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

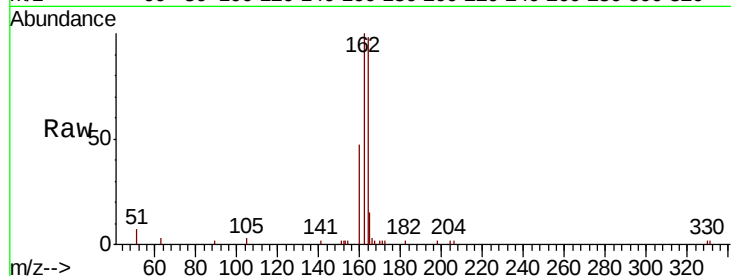
Tot Ion:164 Resp: 4095

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

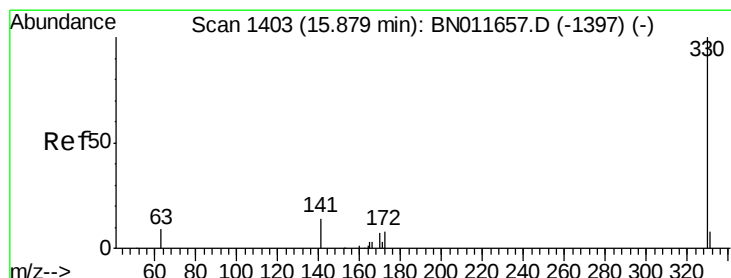
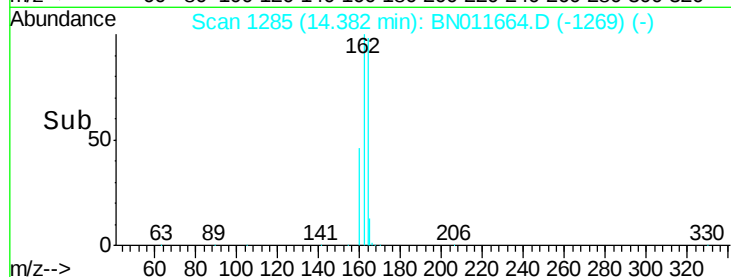
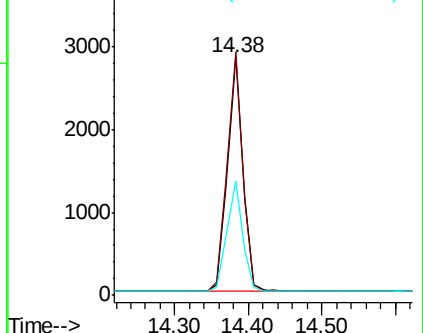
160 48.2 38.5 57.7



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: 0.336 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

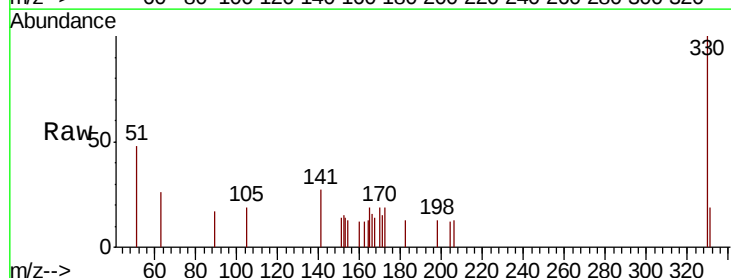
Tgt Ion:330 Resp: 668

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

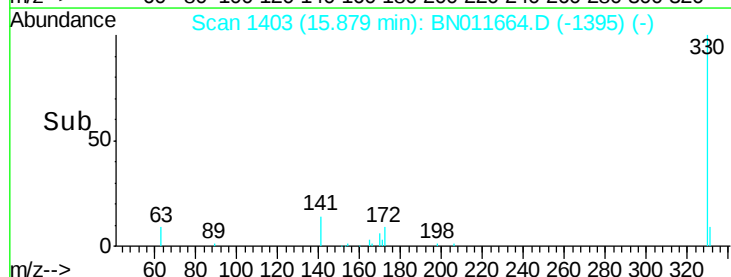
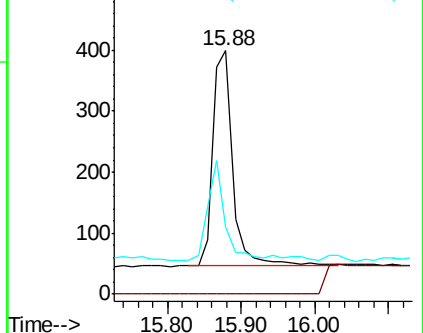
141 40.3 30.0 45.0

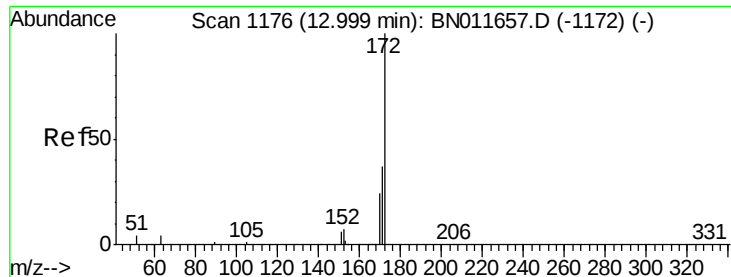


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

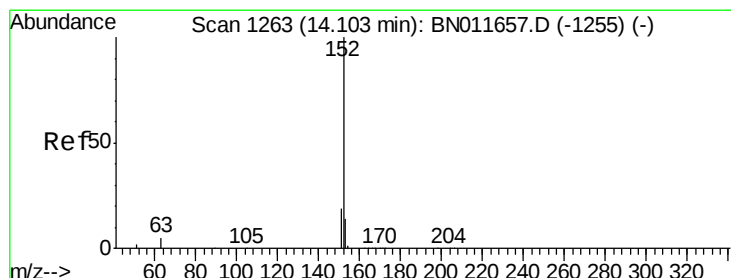
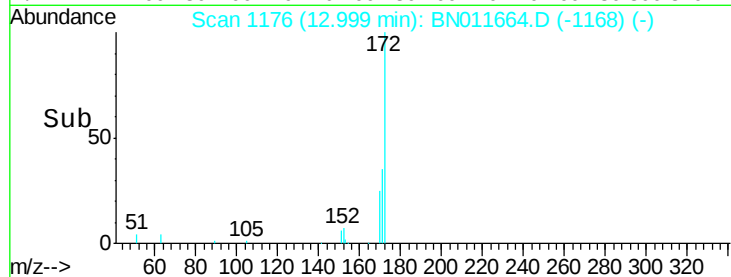
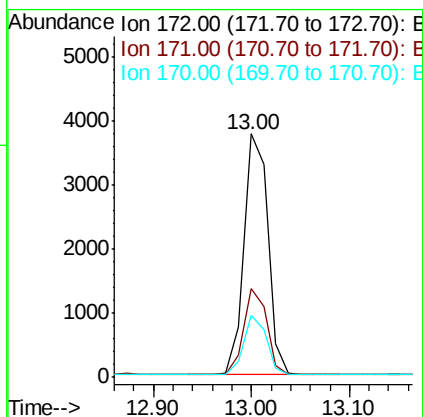
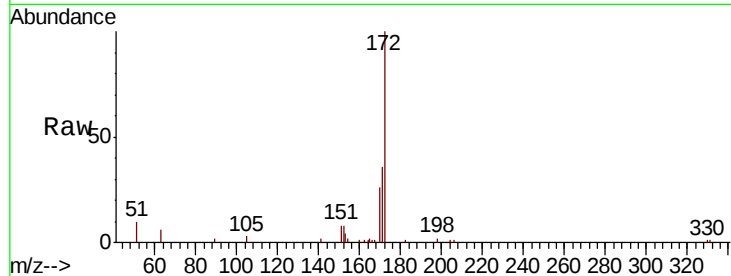




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

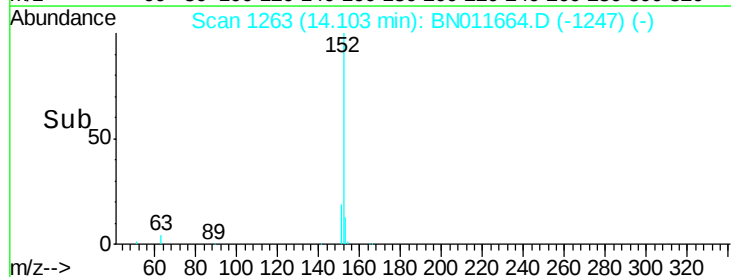
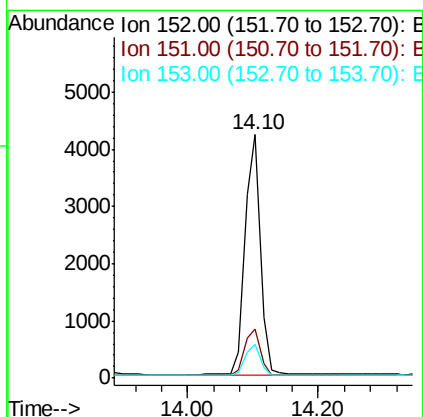
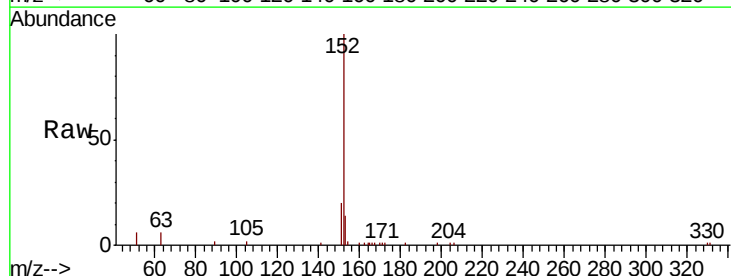
Instrument :
BNA_N
ClientSampleId :
PB131164BS

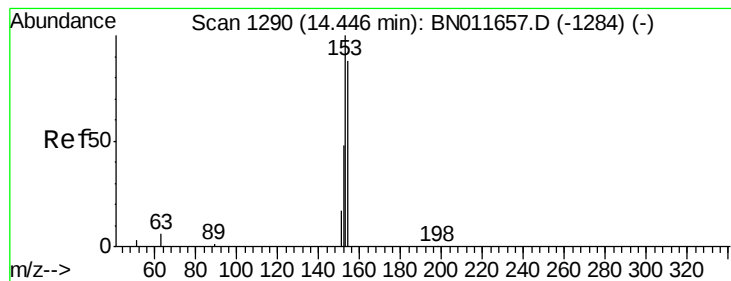
Tot Ion:172 Resp: 6324
Ion Ratio Lower Upper
172 100
171 36.3 30.0 45.0
170 25.6 20.1 30.1



#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

Tgt Ion:152 Resp: 6904
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.361 ng

RT: 14.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

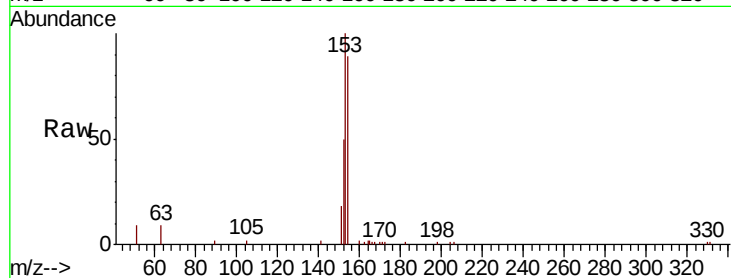
Tot Ion:154 Resp: 4965

Ion Ratio Lower Upper

154 100

153 109.8 89.2 133.8

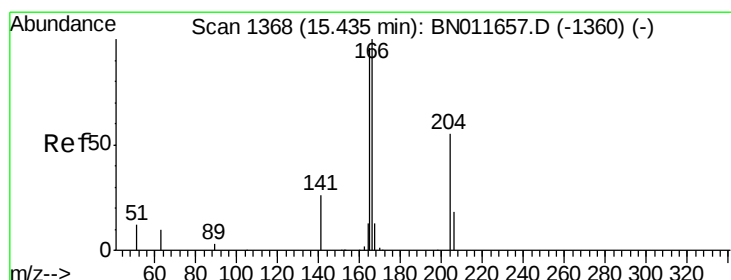
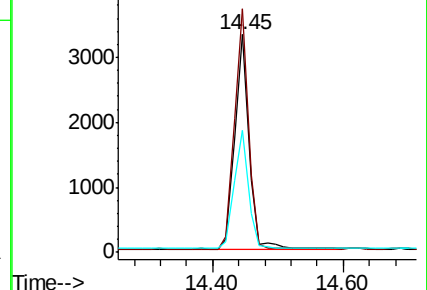
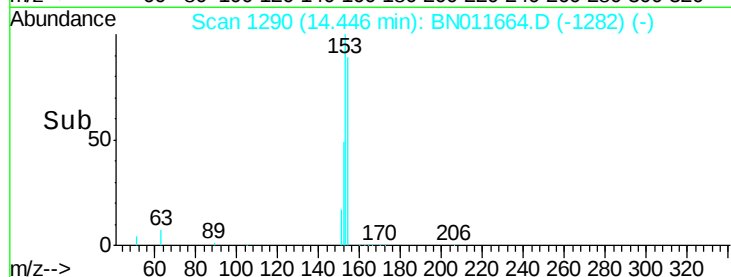
152 55.7 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.359 ng

RT: 15.44 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

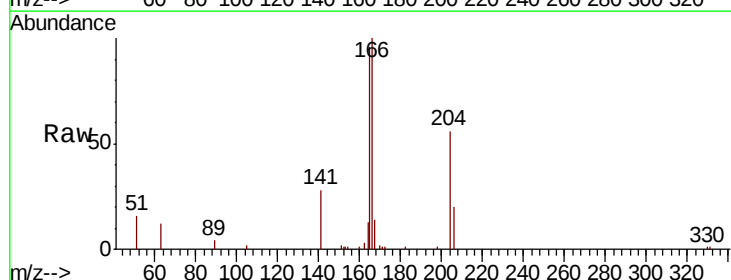
Tgt Ion:166 Resp: 6334

Ion Ratio Lower Upper

166 100

165 97.6 77.7 116.5

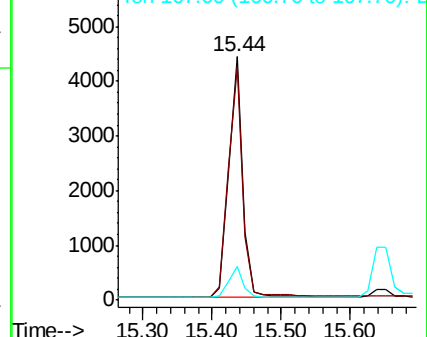
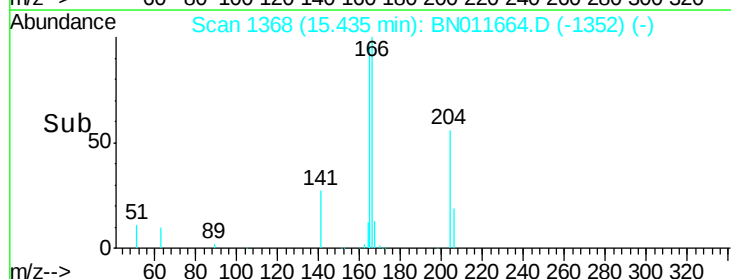
167 13.5 11.0 16.4

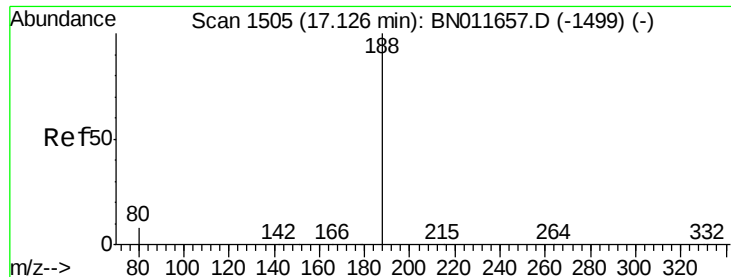


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

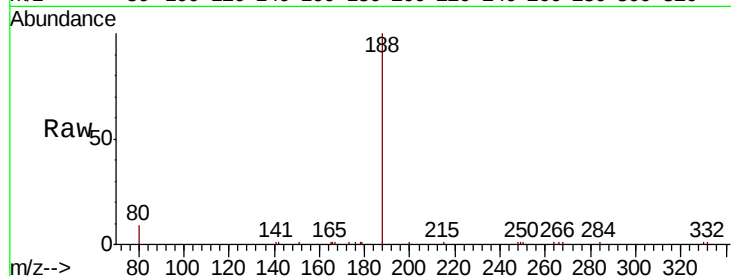
Tot Ion:188 Resp: 9054

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

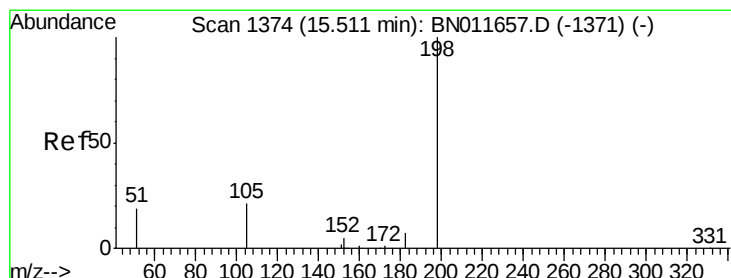
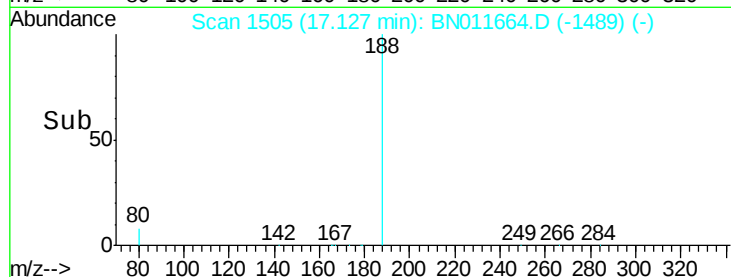
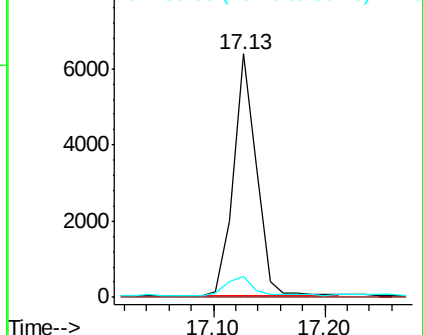
80 8.6 6.6 9.8



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: 0.321 ng

RT: 15.51 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

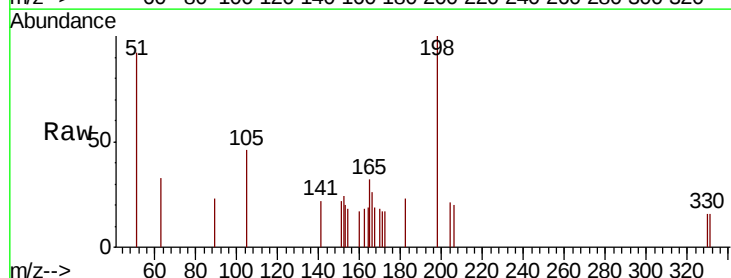
Tgt Ion:198 Resp: 448

Ion Ratio Lower Upper

198 100

51 91.5 58.6 87.8#

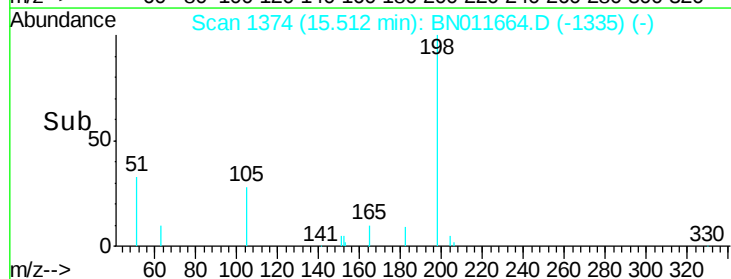
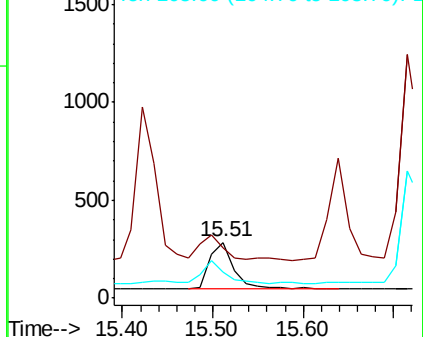
105 46.1 31.7 47.5

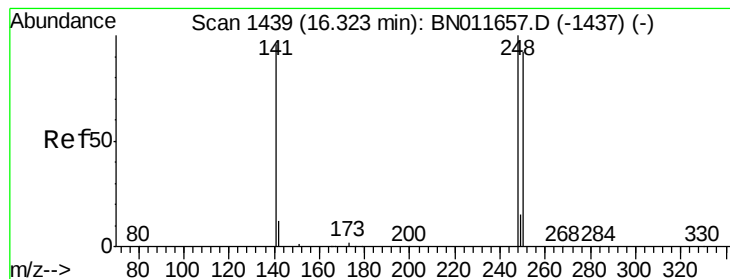


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.353 ng

RT: 16.32 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

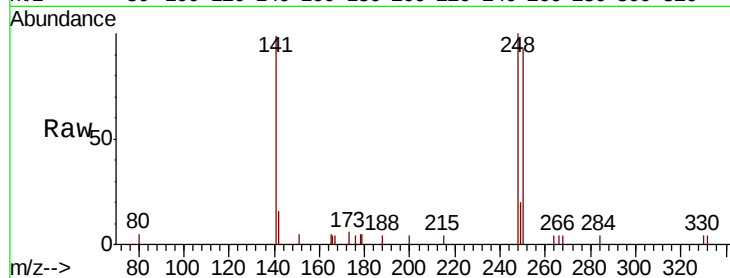
Tot Ion:248 Resp: 1875

Ion Ratio Lower Upper

248 100

250 92.9 73.9 110.9

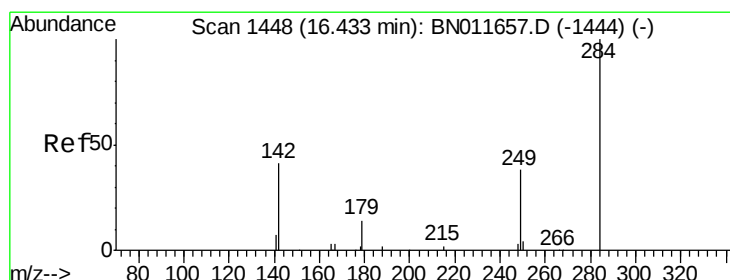
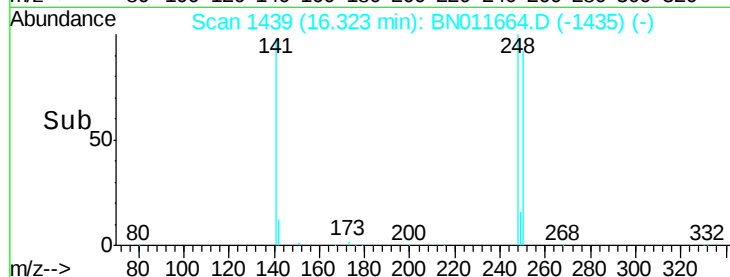
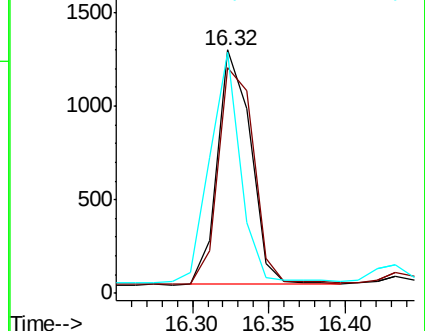
141 99.2 79.8 119.6



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: 0.367 ng

RT: 16.43 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

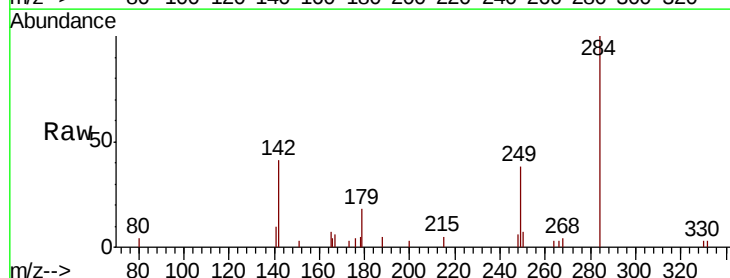
Tgt Ion:284 Resp: 2405

Ion Ratio Lower Upper

284 100

142 36.3 29.0 43.4

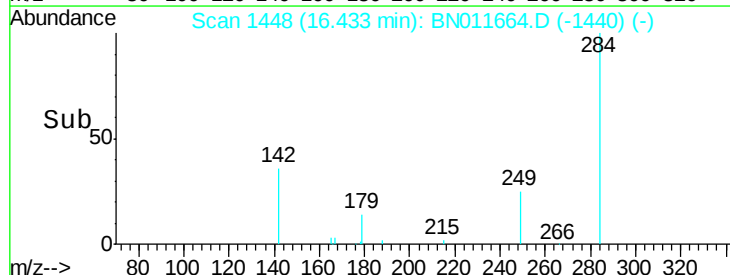
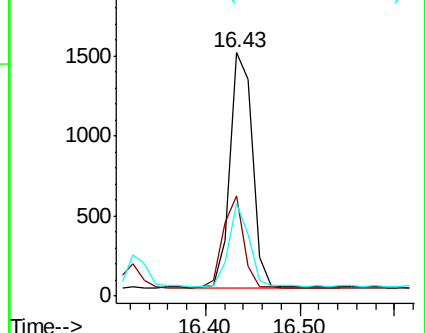
249 32.1 25.7 38.5

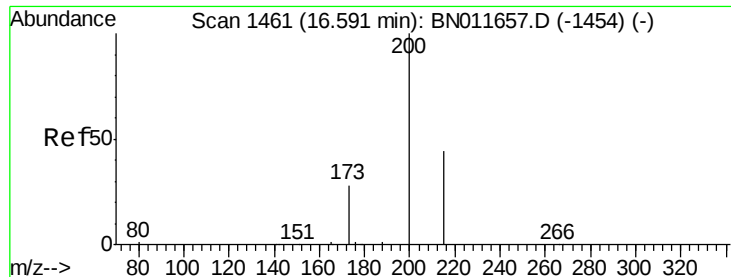


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

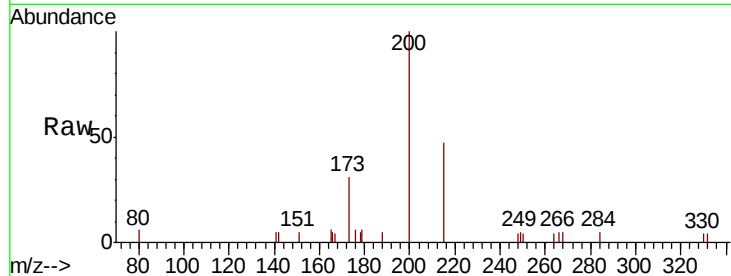




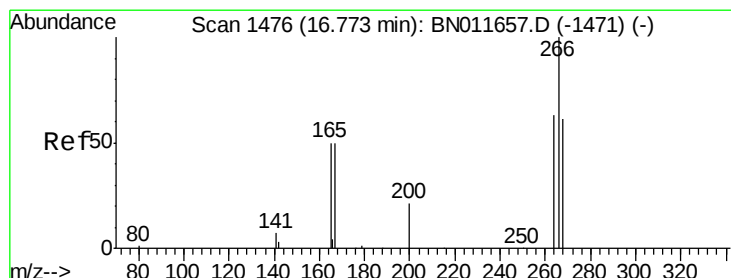
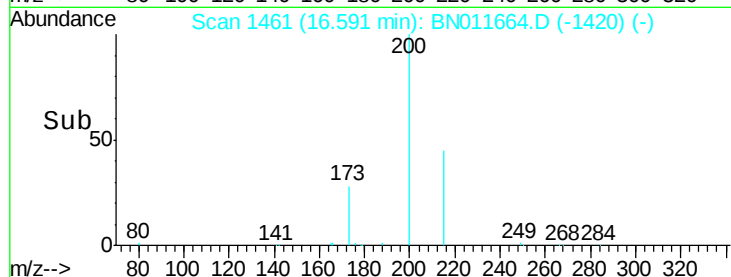
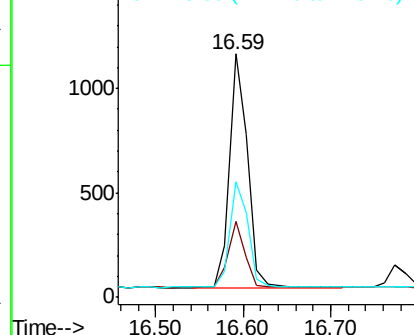
#23
Atrazine
Concen: 0.345 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

Instrument :
BNA_N
ClientSampleId :
PB131164BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	31.2	24.3	36.5
215	47.3	36.4	54.6

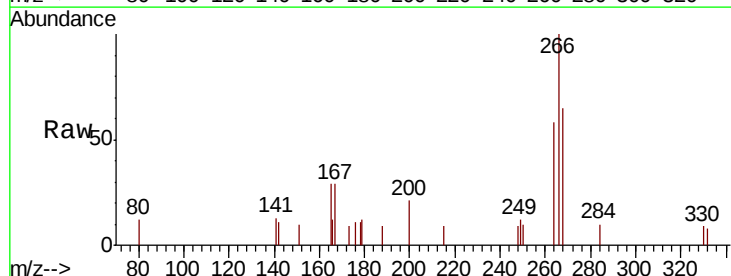


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

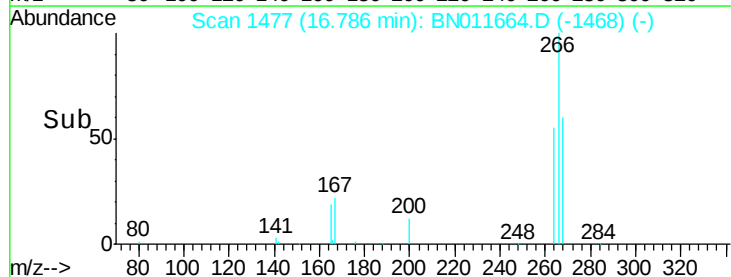
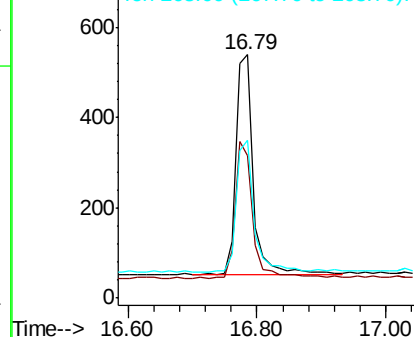


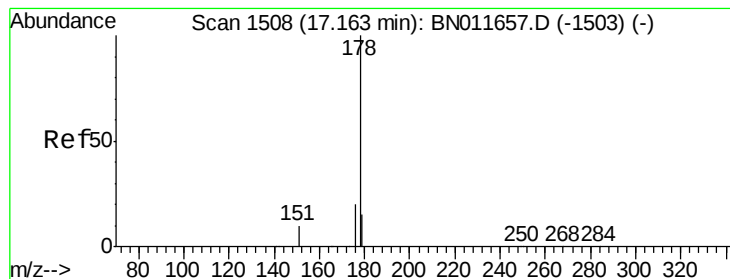
#24
Pentachlorophenol
Concen: 0.357 ng
RT: 16.79 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.1	49.5	74.3
268	61.1	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: 0.356 ng

RT: 17.16 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

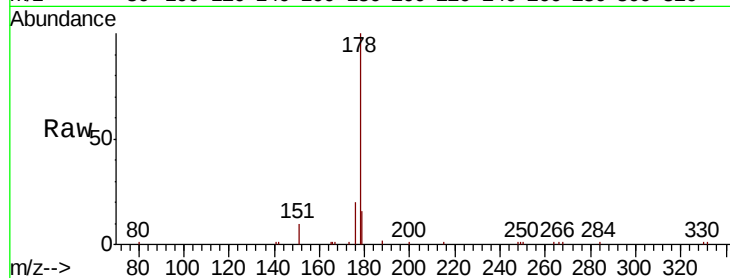
Tot Ion:178 Resp: 10418

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

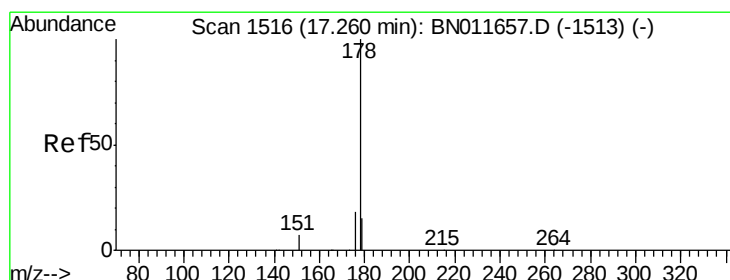
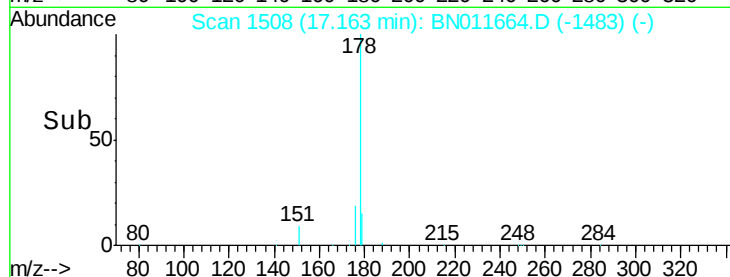
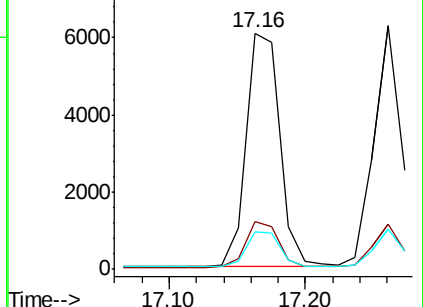
179 15.3 12.4 18.6



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: 0.355 ng

RT: 17.26 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

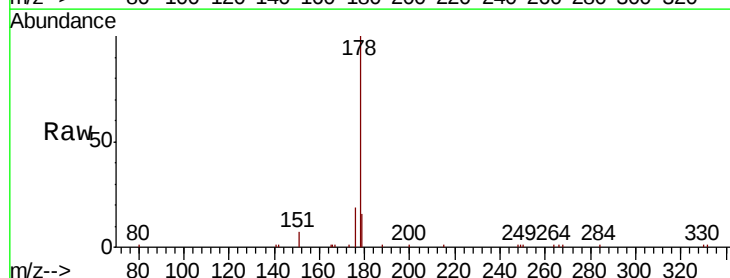
Tgt Ion:178 Resp: 9229

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

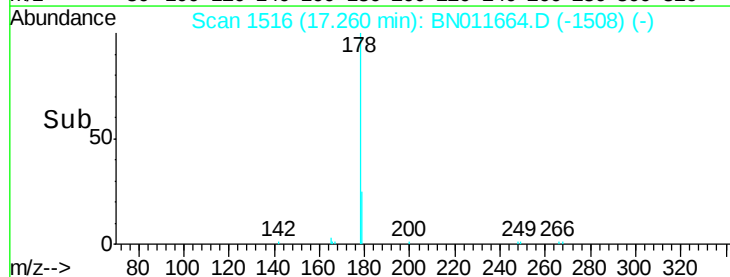
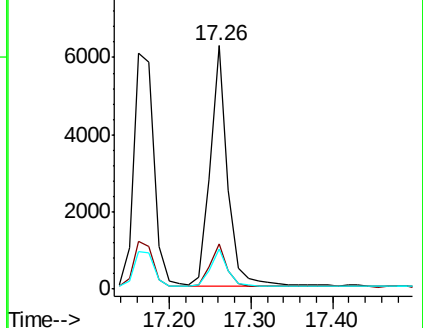
179 15.3 12.2 18.4

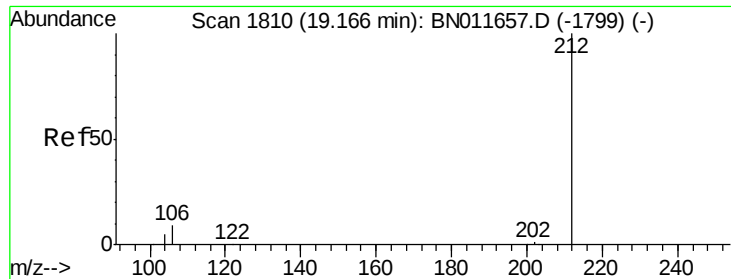


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

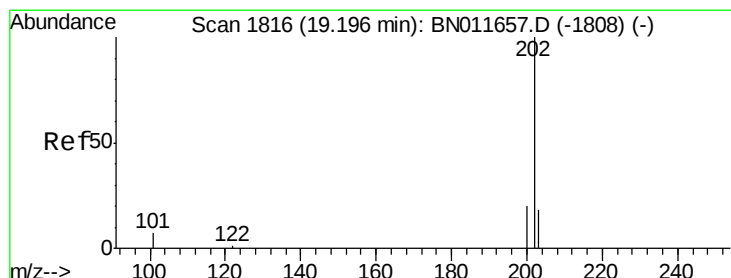
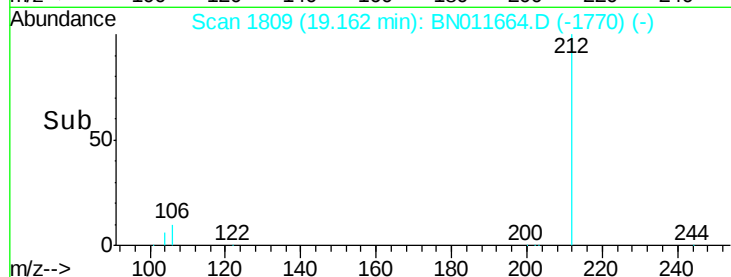
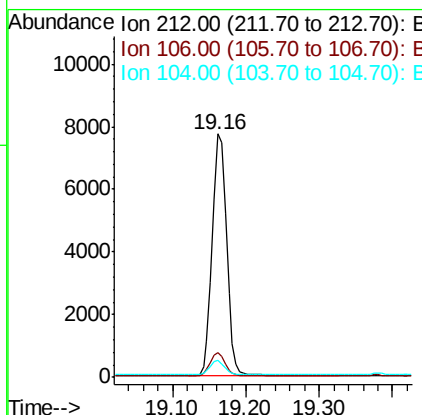
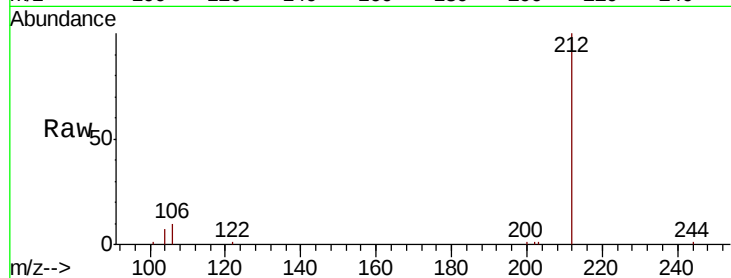




#27
 Fluoranthene-d10
 Concen: 0.361 ng
 RT: 19.16 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BN011664.D
 Acq: 27 Aug 2020 15:06

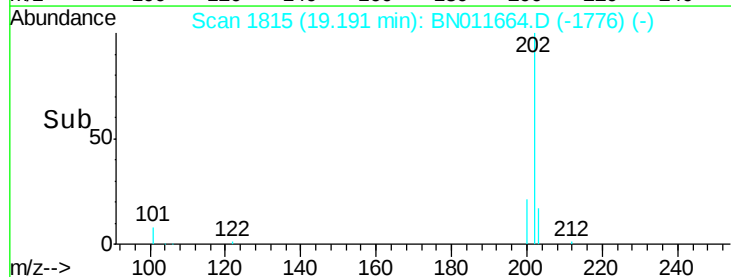
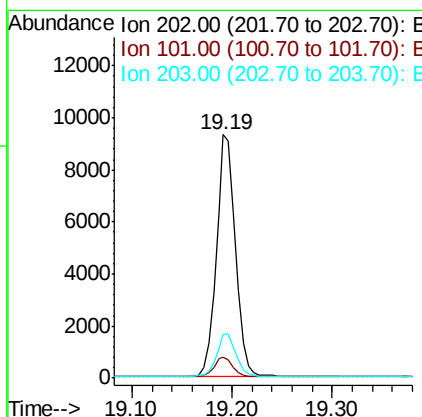
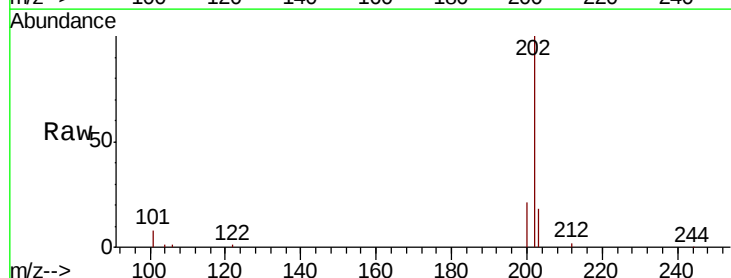
Instrument :
 BNA_N
 ClientSampleId :
 PB131164BS

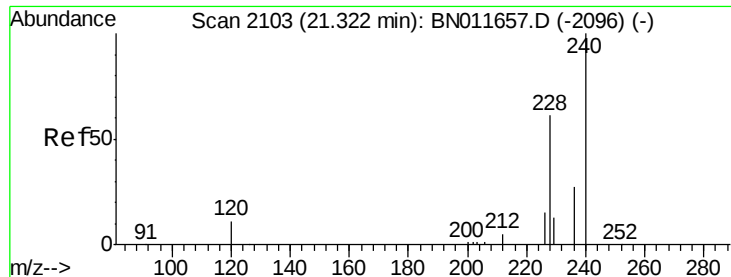
Tot Ion:212 Resp: 10481
 Ion Ratio Lower Upper
 212 100
 106 9.4 7.6 11.4
 104 5.5 4.6 6.8



#28
 Fluoranthene
 Concen: 0.356 ng
 RT: 19.19 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BN011664.D
 Acq: 27 Aug 2020 15:06

Tgt Ion:202 Resp: 12347
 Ion Ratio Lower Upper
 202 100
 101 8.2 6.5 9.7
 203 17.4 13.8 20.6

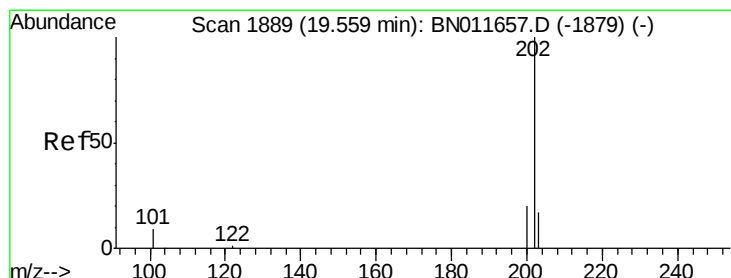
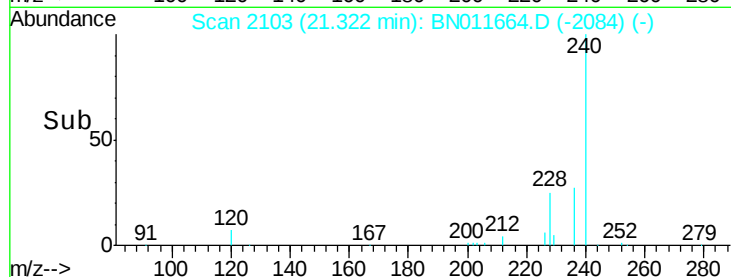
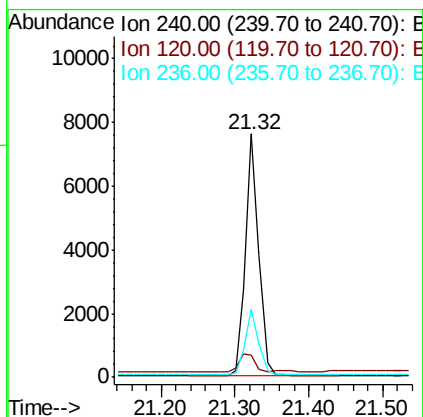
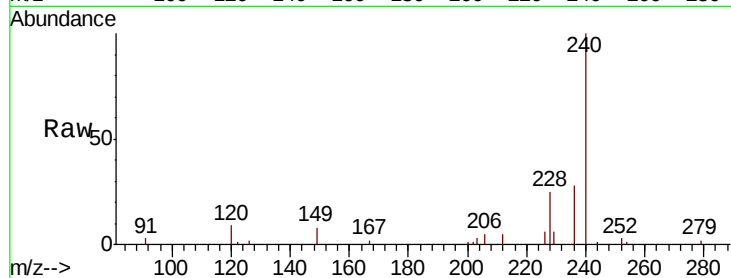




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

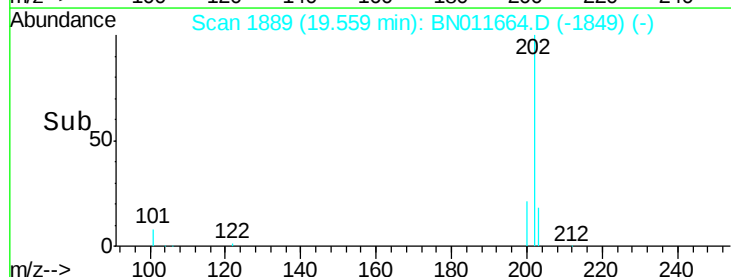
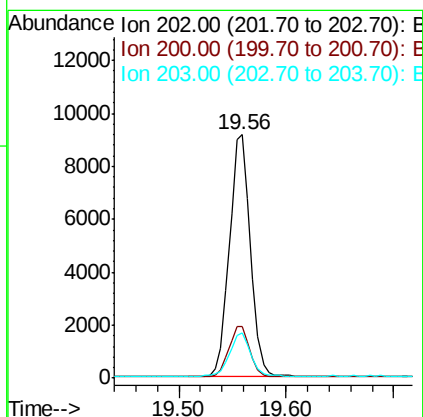
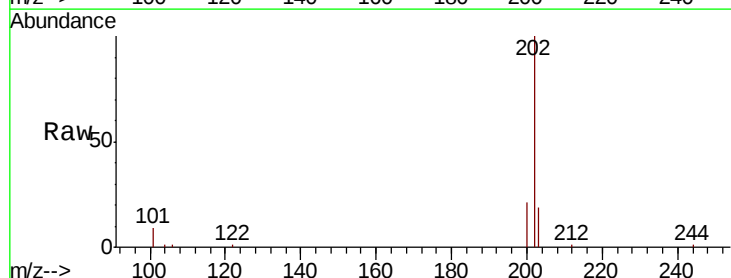
Instrument :
BNA_N
ClientSampleId :
PB131164BS

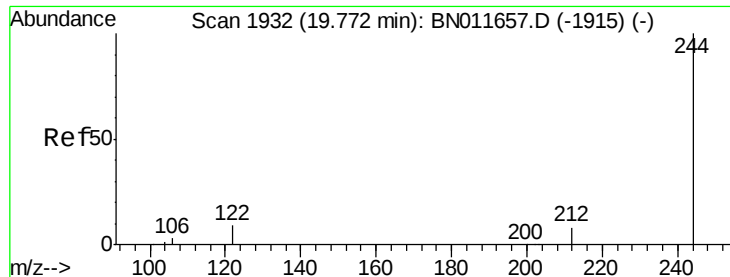
Tot Ion:240 Resp: 9442
Ion Ratio Lower Upper
240 100
120 9.0 9.9 14.9#
236 28.0 22.2 33.4



#30
Pyrene
Concen: 0.380 ng
RT: 19.56 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

Tgt Ion:202 Resp: 12472
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 17.5 14.1 21.1





#31

Terphenyl-d14

Concen: 0.383 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

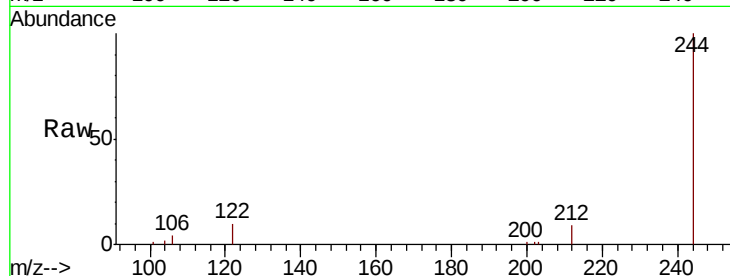
Tot Ion:244 Resp: 8980

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

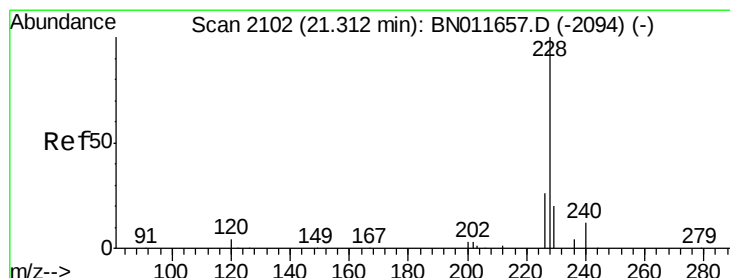
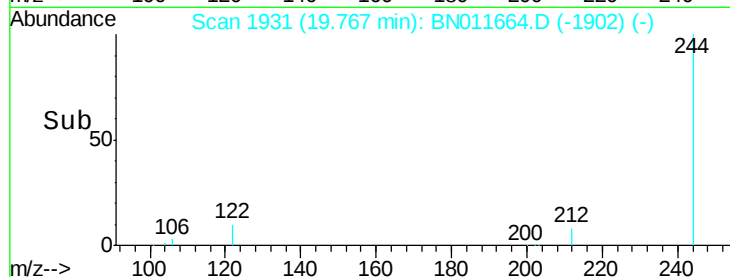
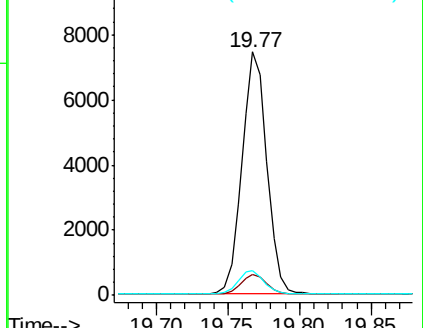
122 10.3 7.4 11.2



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: 0.369 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

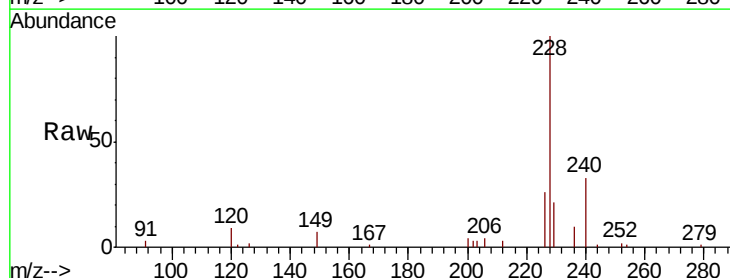
Tgt Ion:228 Resp: 12449

Ion Ratio Lower Upper

228 100

226 26.4 21.2 31.8

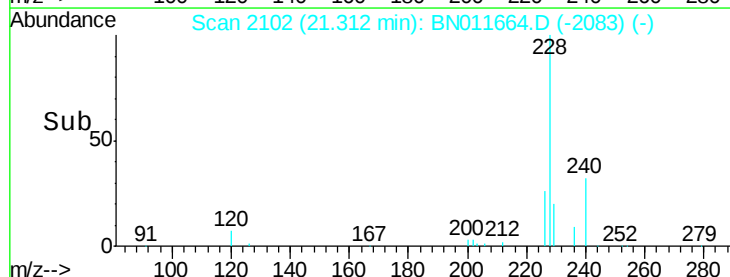
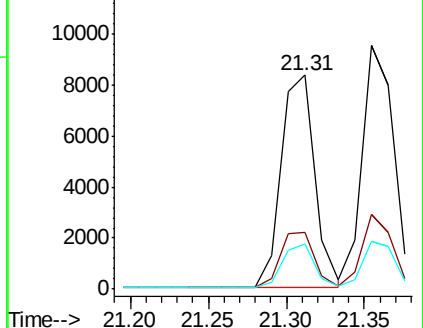
229 20.9 16.0 24.0

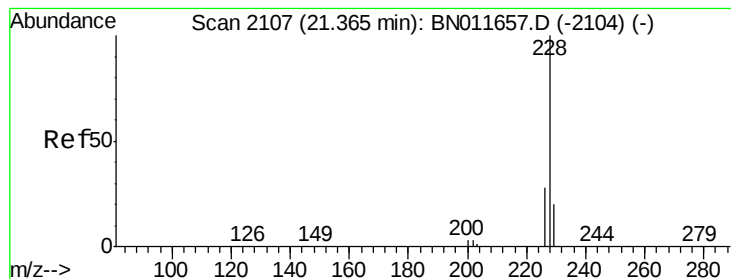


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.379 ng

RT: 21.35 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

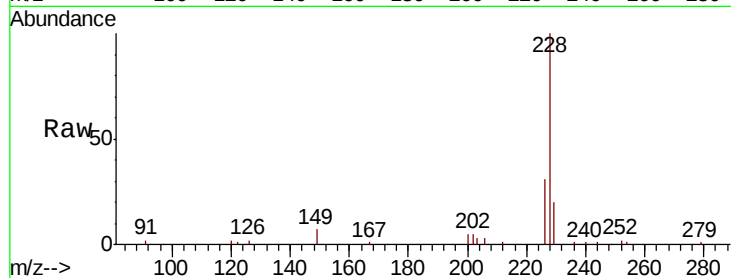
Tot Ion:228 Resp: 13175

Ion Ratio Lower Upper

228 100

226 30.8 22.7 34.1

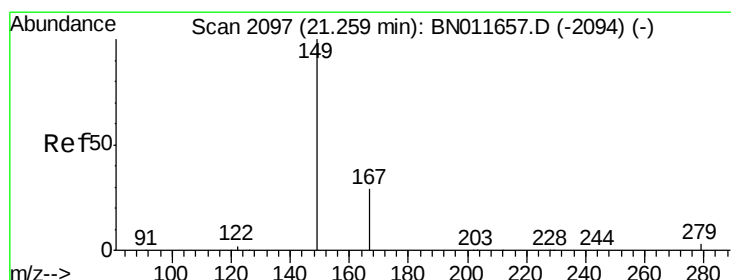
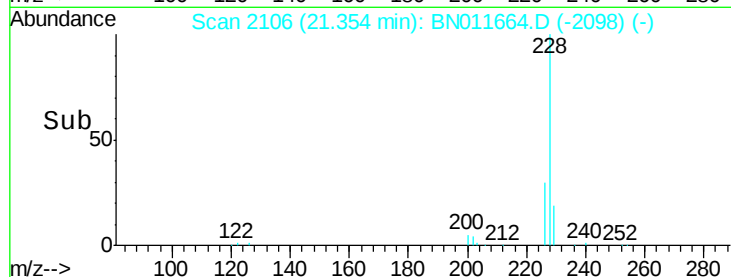
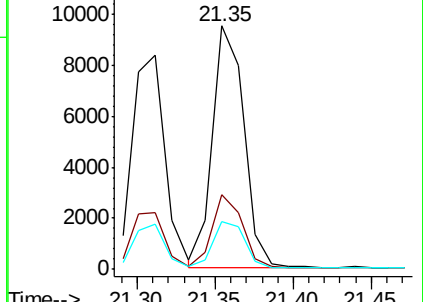
229 19.9 15.9 23.9



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: 0.344 ng

RT: 21.25 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

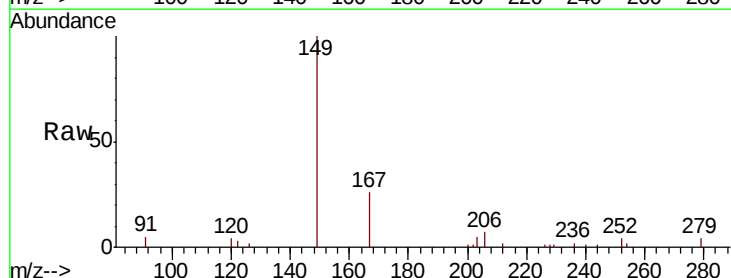
Tgt Ion:149 Resp: 4724

Ion Ratio Lower Upper

149 100

167 28.8 23.2 34.8

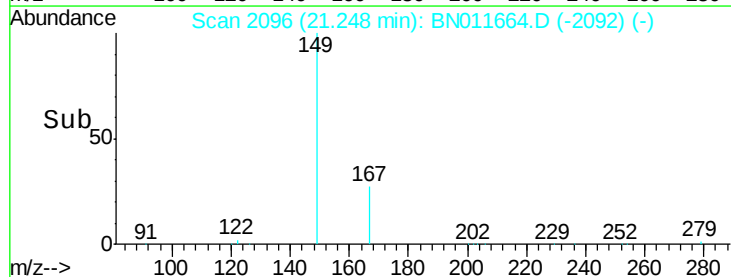
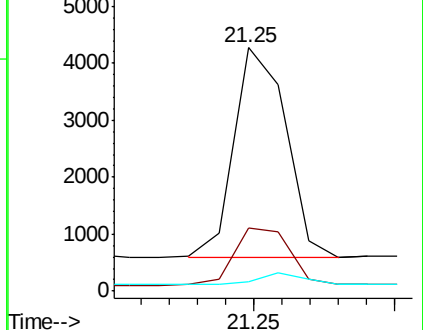
279 4.7 4.0 6.0

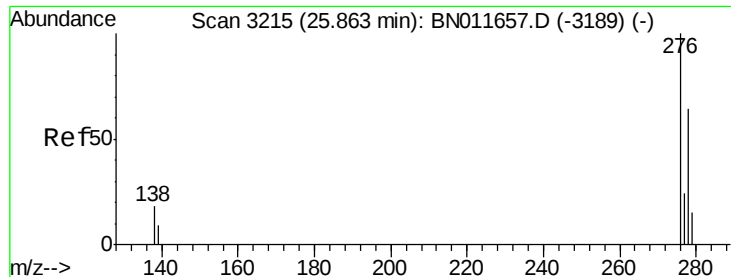


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

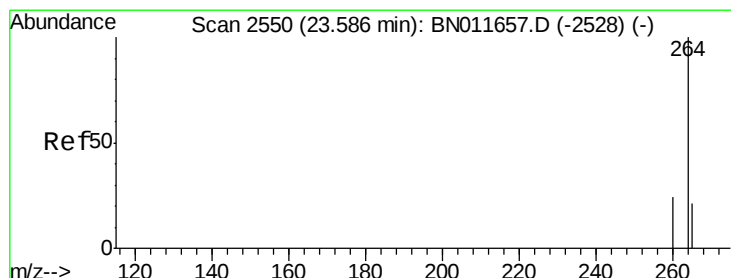
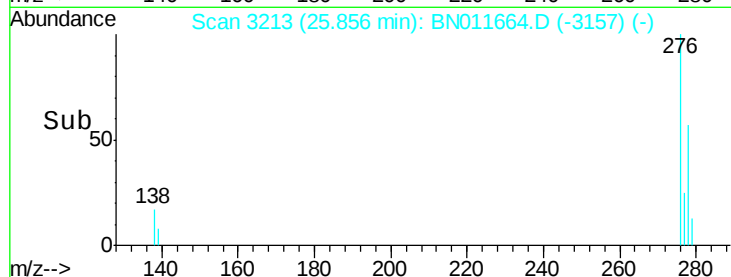
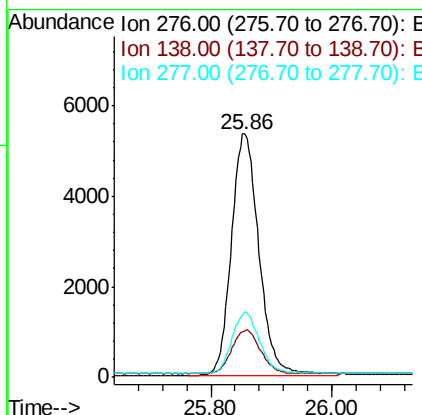
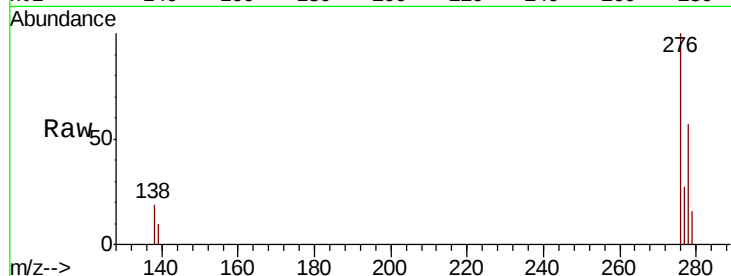




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng
RT: 25.86 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

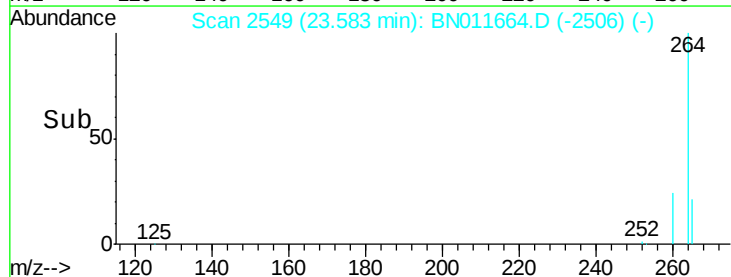
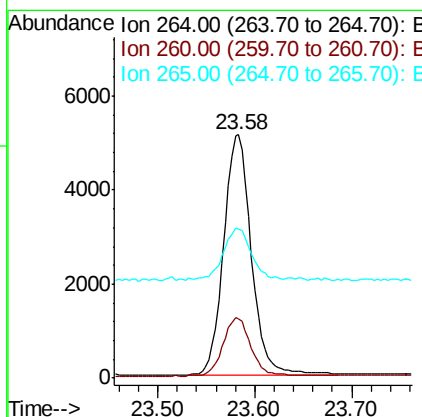
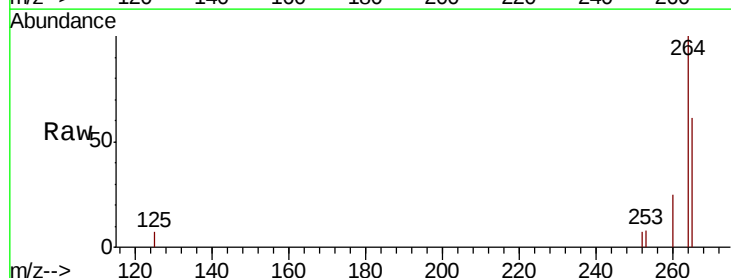
Instrument :
BNA_N
ClientSampleId :
PB131164BS

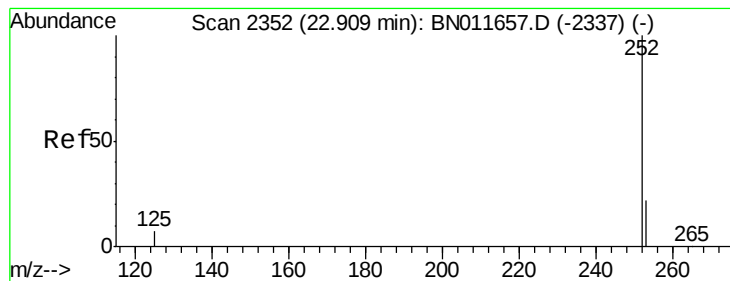
Tot Ion:276 Resp: 16808
Ion Ratio Lower Upper
276 100
138 18.9 15.4 23.2
277 25.1 20.1 30.1



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.58 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BN011664.D
Acq: 27 Aug 2020 15:06

Tgt Ion:264 Resp: 10163
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 61.1 38.9 58.3#





#37

Benzo(b)fluoranthene

Concen: 0.355 ng

RT: 22.90 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

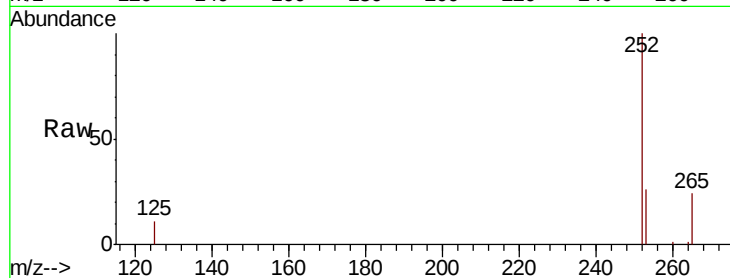
Tot Ion:252 Resp: 13846

Ion Ratio Lower Upper

252 100

253 25.6 19.7 29.5

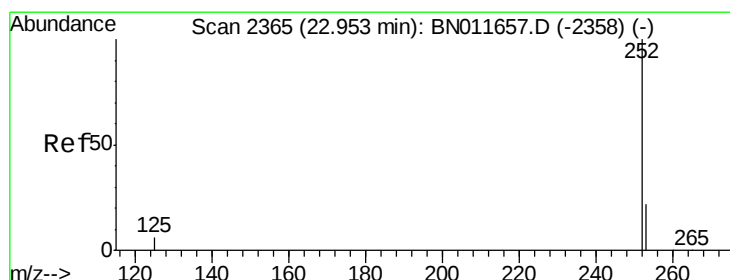
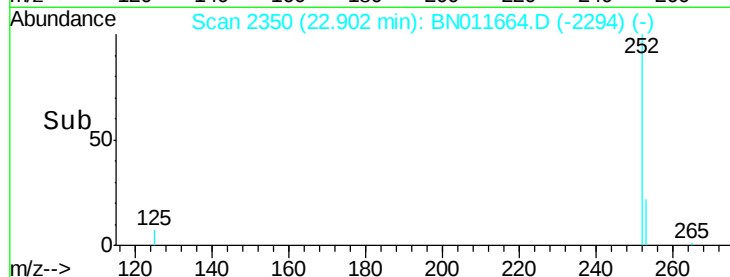
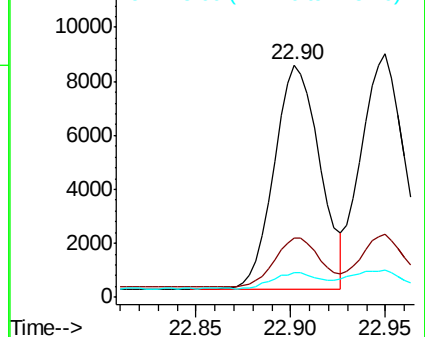
125 10.8 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 0.359 ng

RT: 22.95 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

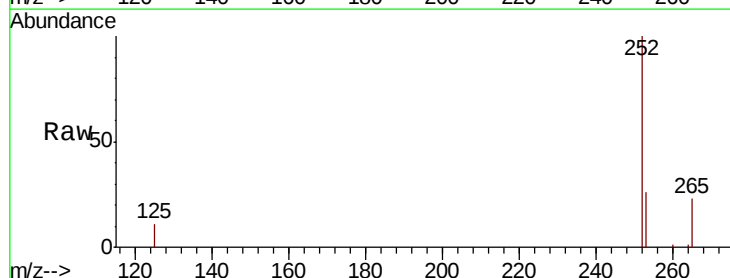
Tgt Ion:252 Resp: 14292

Ion Ratio Lower Upper

252 100

253 25.7 19.4 29.0

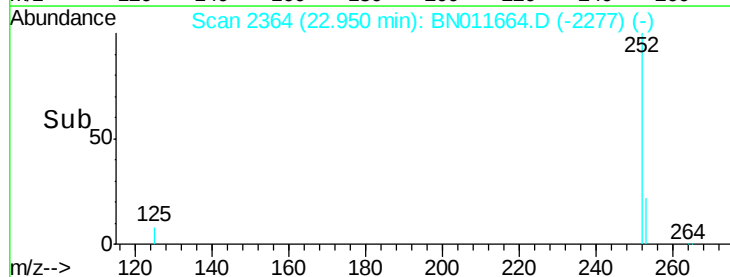
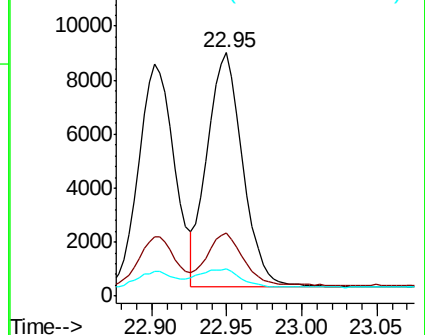
125 11.0 8.4 12.6

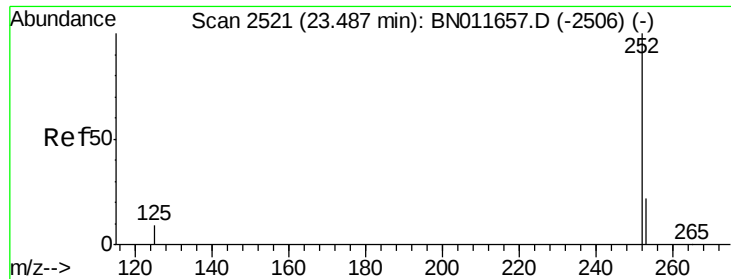


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.345 ng

RT: 23.48 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

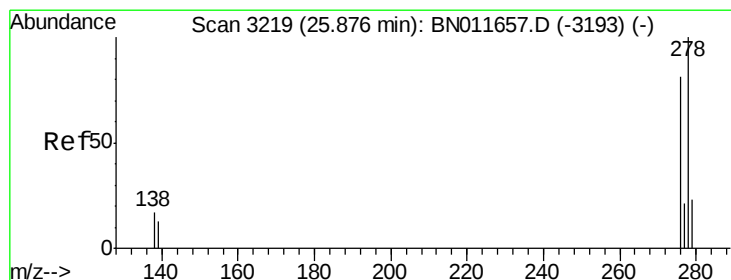
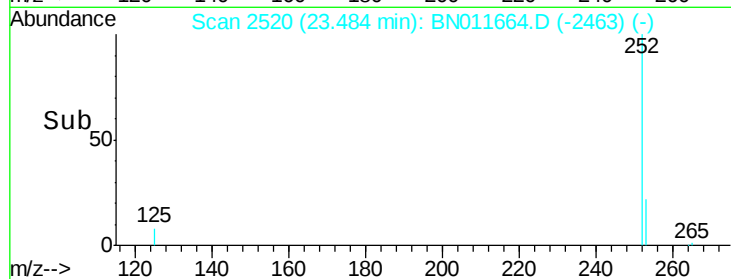
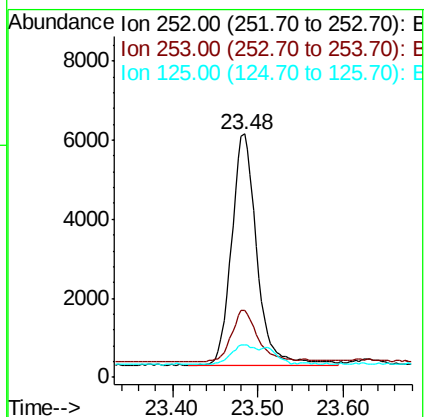
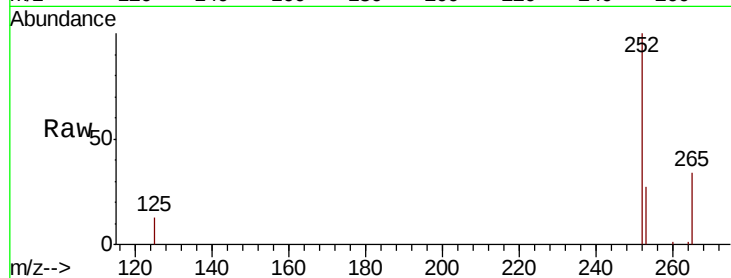
Tot Ion:252 Resp: 12020

Ion Ratio Lower Upper

252 100

253 27.3 20.3 30.5

125 13.2 9.8 14.6



#40

Dibenzo(a,h)anthracene

Concen: 0.354 ng

RT: 25.87 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

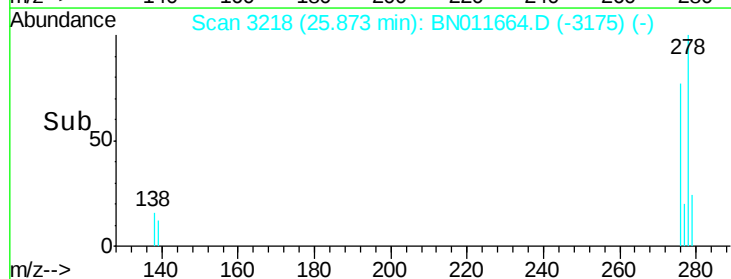
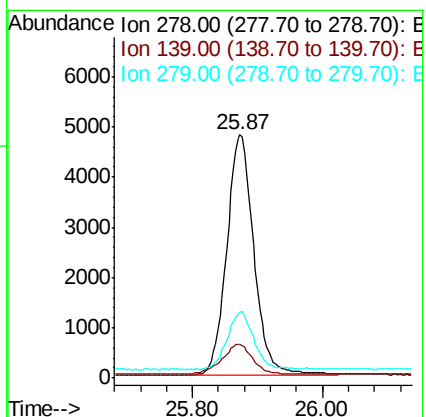
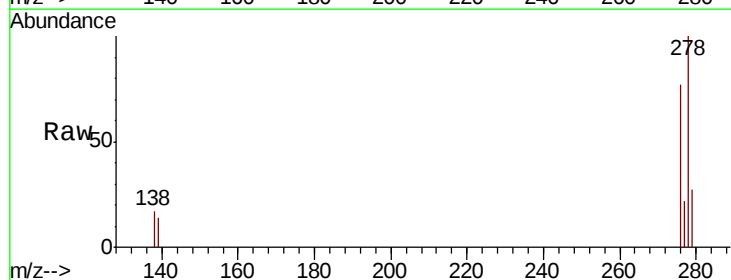
Tgt Ion:278 Resp: 13938

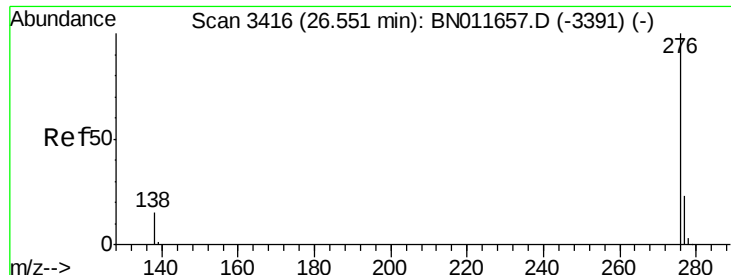
Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.6

279 27.0 20.5 30.7





#41

Benzo(a,h,i)perylene

Concen: 0.352 ng

RT: 26.55 min Scan# 3415

Delta R.T. -0.00 min

Lab File: BN011664.D

Acq: 27 Aug 2020 15:06

Instrument :

BNA_N

ClientSampleId :

PB131164BS

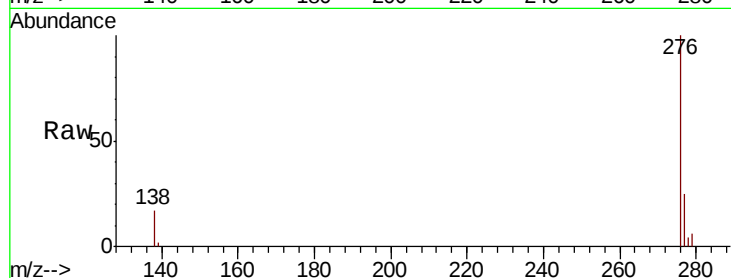
Tot Ion:276 Resp: 13550

Ion Ratio Lower Upper

276 100

277 24.8 19.7 29.5

138 17.3 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

