

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
 Data File : BN010965.D
 Acq On : 19 Jun 2020 12:12
 Operator : CG/JU
 Sample : PB129600BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129600BS

Quant Time: Jun 19 12:47:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2166	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7529	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4748	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9408	0.40	ng	0.01
27) Chrysene-d12	21.12	240	9757	0.40	ng	0.00
34) Perylene-d12	23.27	264	9524	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2162	0.52	ng	0.00
5) Phenol-d6	6.73	99	2562	0.52	ng	0.00
8) Nitrobenzene-d5	8.67	82	2582	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4978	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	710	0.42	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	7039	0.38	ng	0.00
25) Fluoranthene-d10	18.95	212	10989	0.42	ng	0.00
29) Terphenyl-d14	19.56	244	8699	0.38	ng	0.00

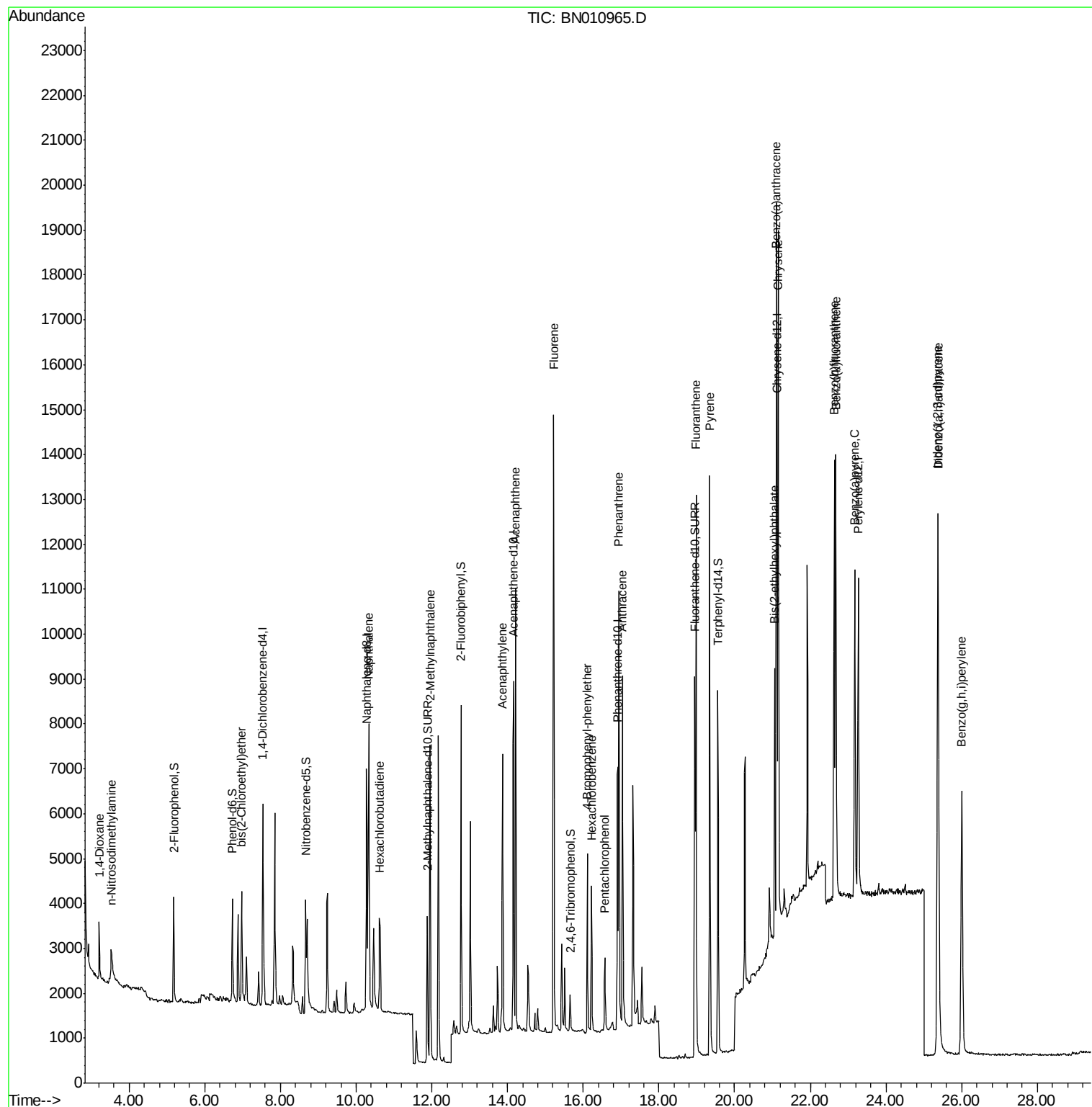
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	1031	0.486	ng	# 96
3) n-Nitrosodimethylamine	3.53	42	597	0.484	ng	# 79
6) bis(2-Chloroethyl)ether	6.98	93	2424	0.505	ng	93
9) Naphthalene	10.33	128	8612	0.455	ng	99
10) Hexachlorobutadiene	10.62	225	1857	0.397	ng	# 99
12) 2-Methylnaphthalene	11.95	142	5464	0.432	ng	99
16) Acenaphthylene	13.87	152	7455	0.383	ng	99
17) Acenaphthene	14.21	154	5205	0.392	ng	98
18) Fluorene	15.22	166	6676	0.390	ng	99
20) 4-Bromophenyl-phenylether	16.11	248	2221	0.393	ng	96
21) Hexachlorobenzene	16.22	284	2331	0.395	ng	98
22) Pentachlorophenol	16.57	266	901	0.455	ng	98
23) Phenanthrene	16.94	178	10684	0.416	ng	99
24) Anthracene	17.04	178	9061	0.422	ng	99
26) Fluoranthene	18.98	202	12169	0.417	ng	99
28) Pyrene	19.34	202	12312	0.381	ng	100
30) Benzo(a)anthracene	21.10	228	12394	0.432	ng	98
31) Chrysene	21.15	228	13028	0.390	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	5069	0.530	ng	97
33) Indeno(1,2,3-cd)pyrene	25.37	276	14655	0.392	ng	# 96
35) Benzo(b)fluoranthene	22.63	252	12551	0.388	ng	98
36) Benzo(k)fluoranthene	22.67	252	12818	0.372	ng	99
37) Benzo(a)pyrene	23.17	252	11055	0.398	ng	96
38) Dibenzo(a,h)anthracene	25.38	278	11920	0.376	ng	96
39) Benzo(g,h,i)perylene	26.00	276	12366	0.373	ng	97

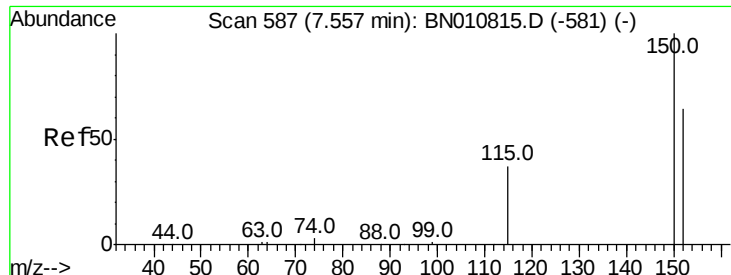
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
Data File : BN010965.D
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BNA_N
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Quant Time: Jun 19 12:47:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.53 min Scan# 584

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

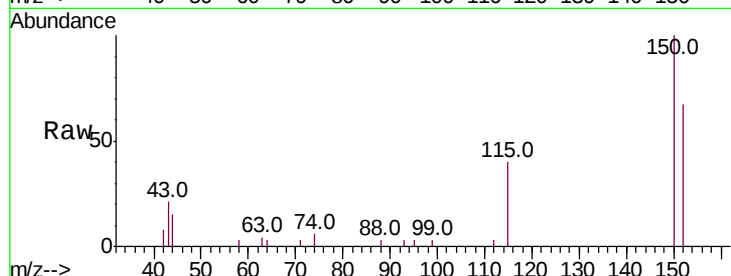
Tot Ion:152 Resp: 2166

Ion Ratio Lower Upper

152 100

150 149.7 123.8 185.6

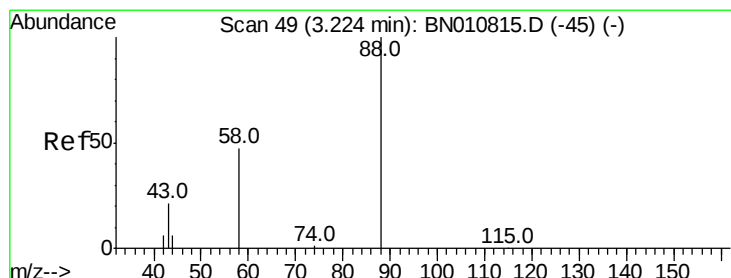
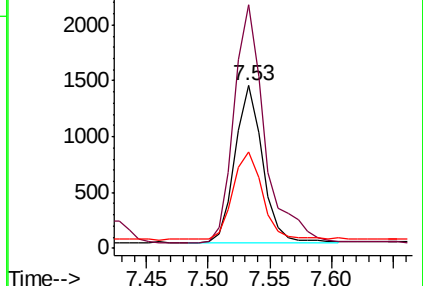
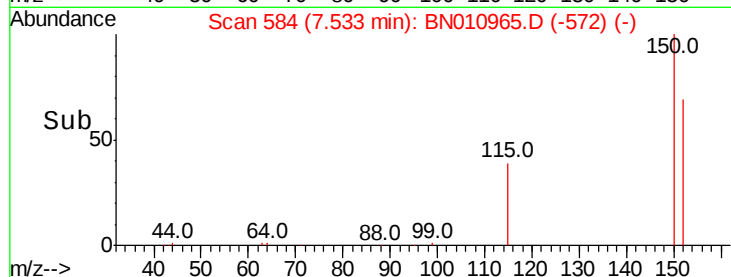
115 59.7 49.2 73.8



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: 0.486 ng

RT: 3.21 min Scan# 47

Delta R.T. -0.01 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

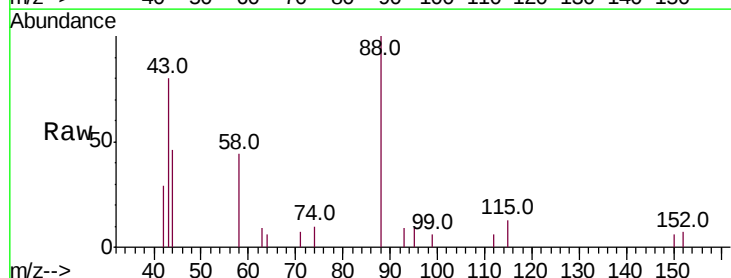
Tgt Ion: 88 Resp: 1031

Ion Ratio Lower Upper

88 100

58 48.4 38.2 57.4

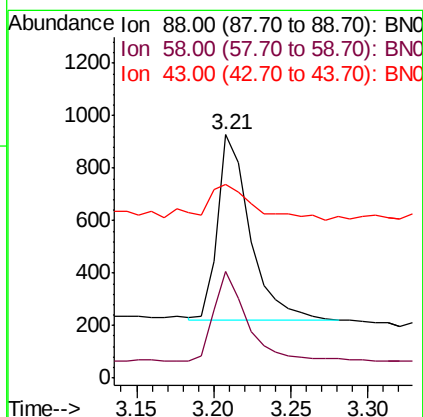
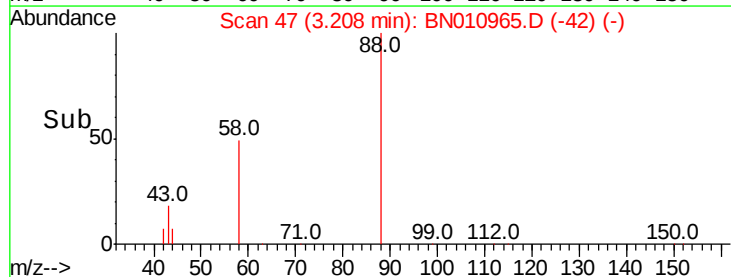
43 24.5 15.1 22.7#



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



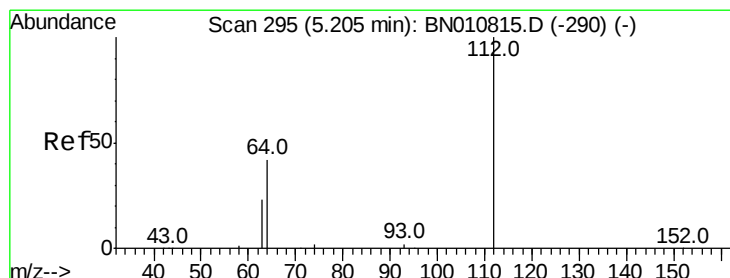
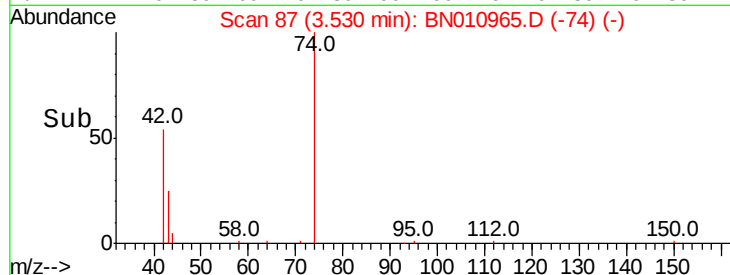
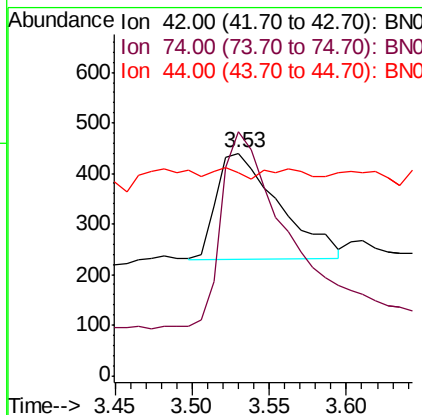
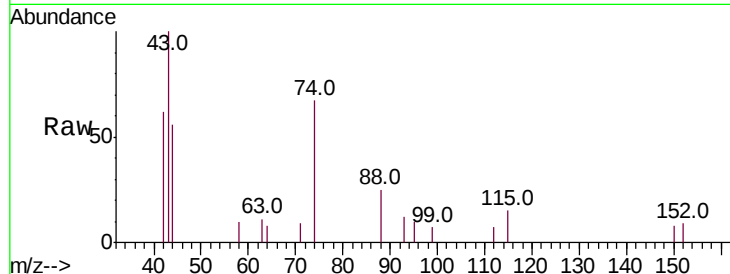


#3

n-Nitrosodimethylamine
 Concen: 0.484 ng
 RT: 3.53 min Scan# 87
 Delta R.T. 0.01 min
 Lab File: BN010965.D
 Acq: 19 Jun 2020 12:12

Instrument :
 BNA_N
 ClientSampleId :
 PB129600BS

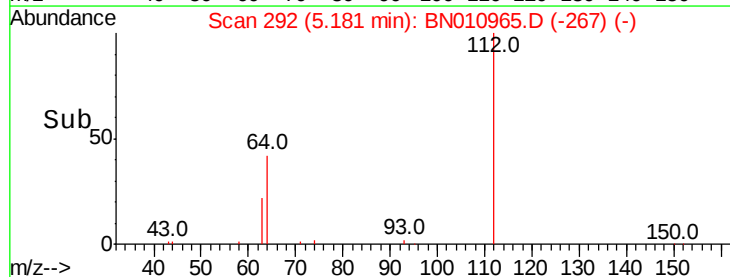
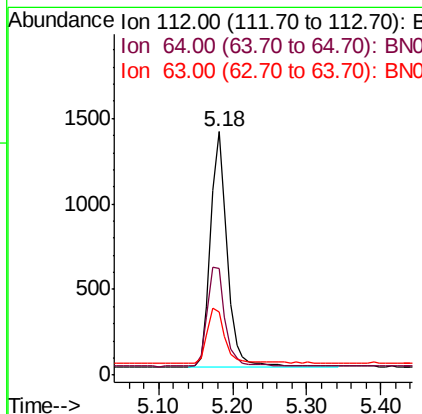
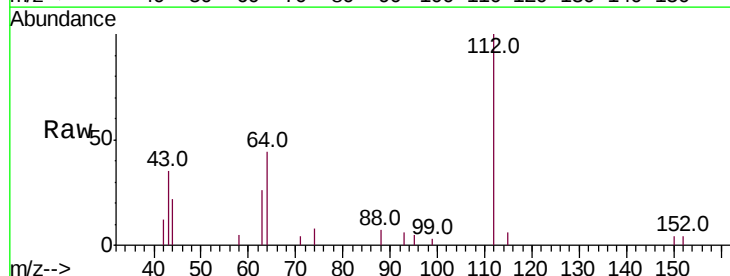
Tot Ion: 42 Resp: 597
 Ion Ratio Lower Upper
 42 100
 74 205.9 140.7 211.1
 44 7.2 1.4 2.2#

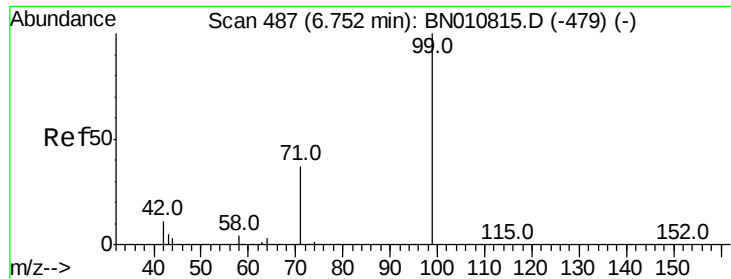


#4

2-Fluorophenol
 Concen: 0.517 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BN010965.D
 Acq: 19 Jun 2020 12:12

Tgt Ion: 112 Resp: 2162
 Ion Ratio Lower Upper
 112 100
 64 45.4 37.4 56.0
 63 26.3 22.2 33.4





#5

Phenol-d6

Concen: 0.520 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

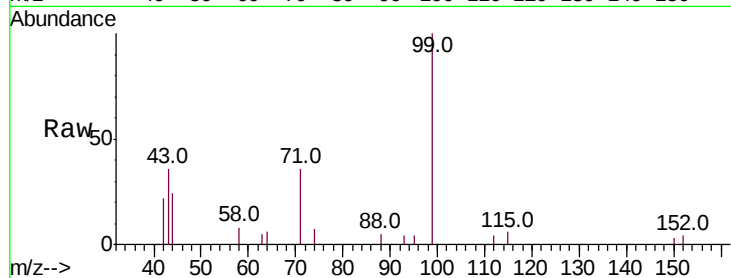
Tot Ion: 99 Resp: 2562

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

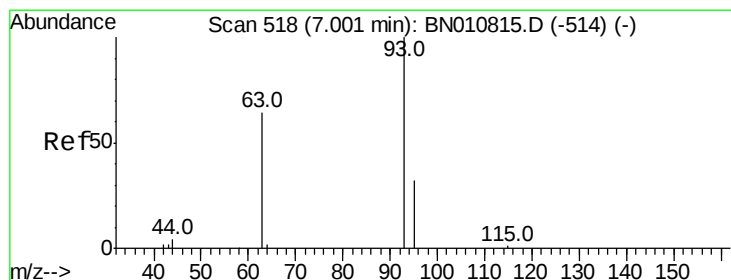
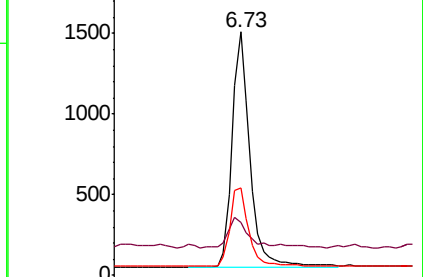
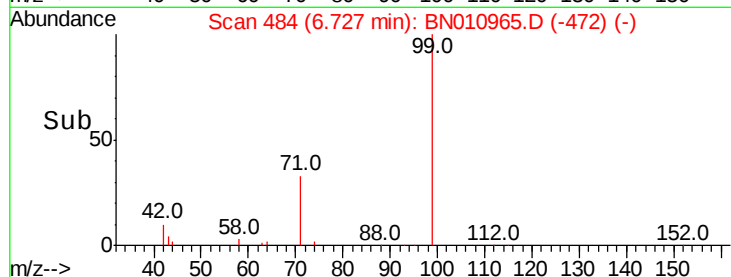
71 34.7 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.505 ng

RT: 6.98 min Scan# 515

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

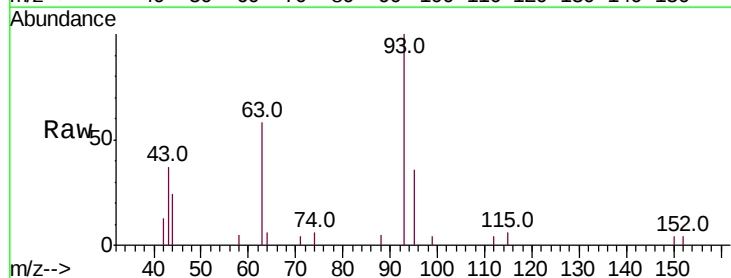
Tgt Ion: 93 Resp: 2424

Ion Ratio Lower Upper

93 100

63 55.2 49.4 74.2

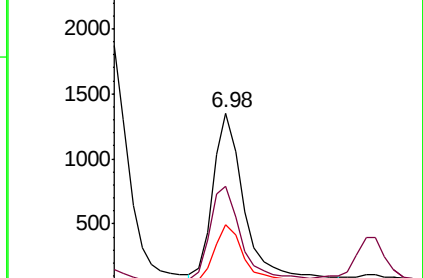
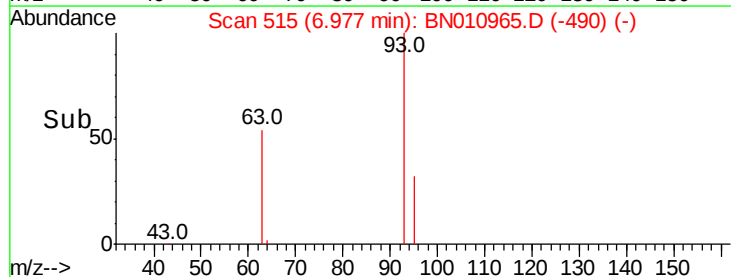
95 31.6 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

Tot Ion:136 Resp: 7529

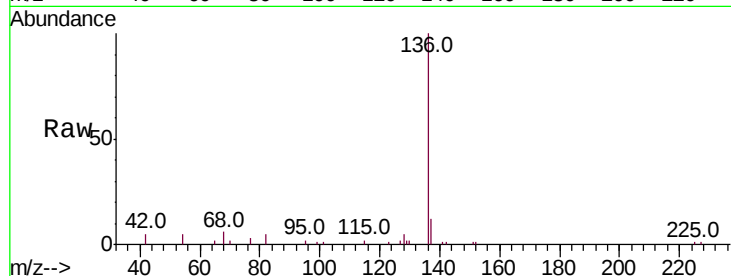
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 5.3 4.9 7.3

68 6.5 4.7 7.1

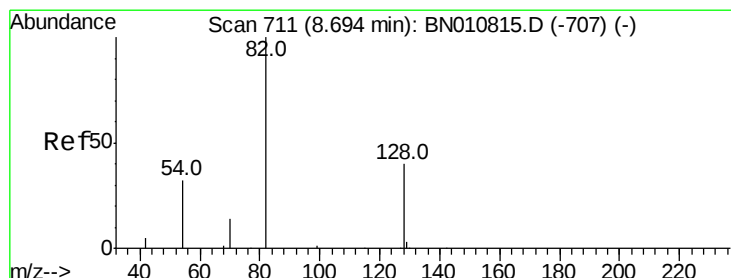
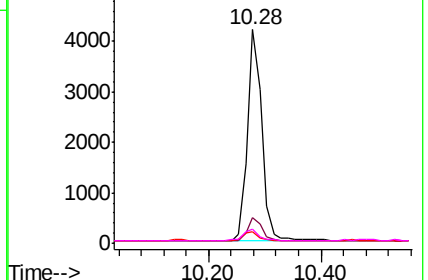
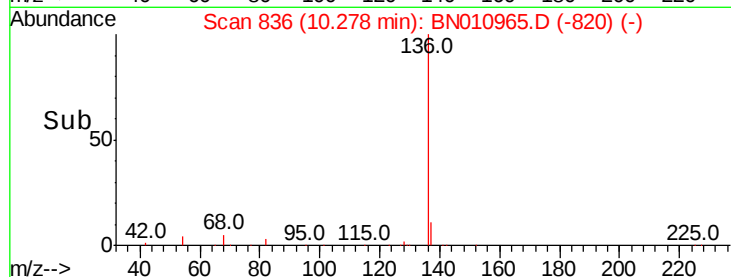


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.463 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

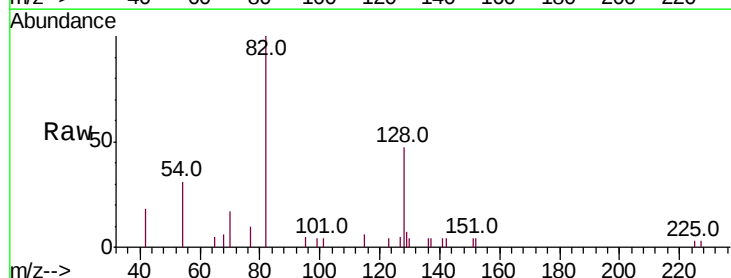
Tgt Ion: 82 Resp: 2582

Ion Ratio Lower Upper

82 100

128 47.3 35.4 53.0

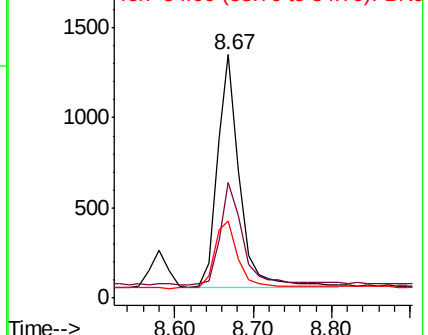
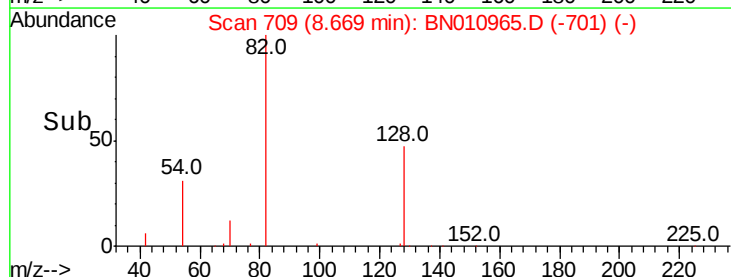
54 31.5 28.2 42.4



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: 0.455 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

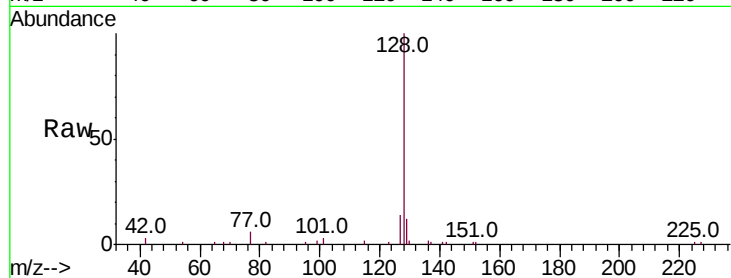
Tot Ion:128 Resp: 8612

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

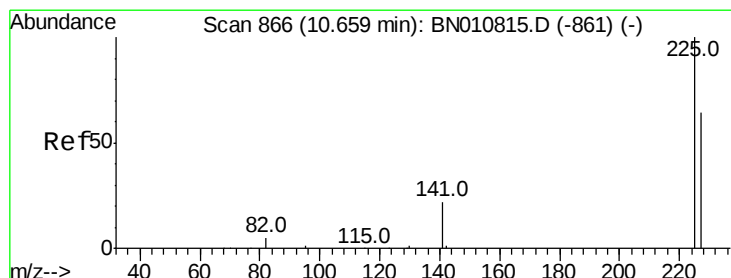
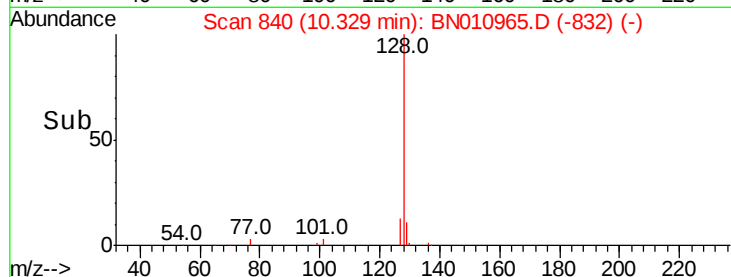
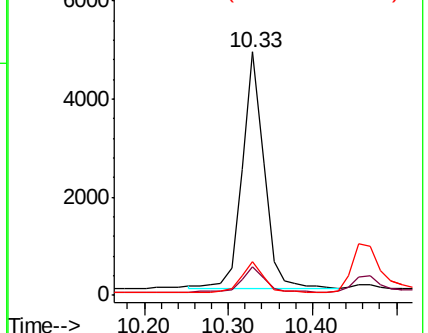
127 13.8 11.4 17.2



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: 0.397 ng

RT: 10.62 min Scan# 863

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

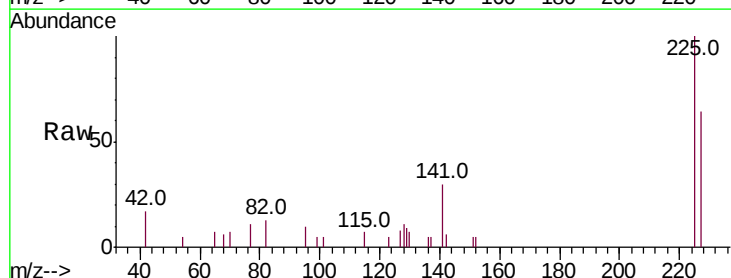
Tgt Ion:225 Resp: 1857

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

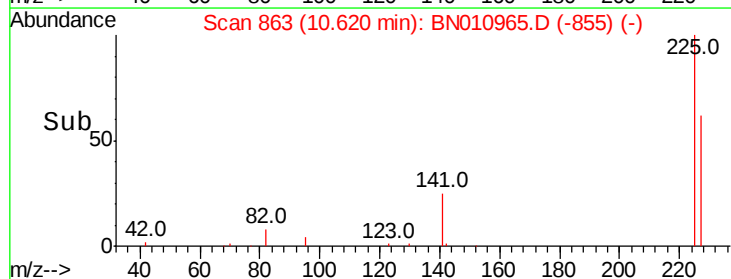
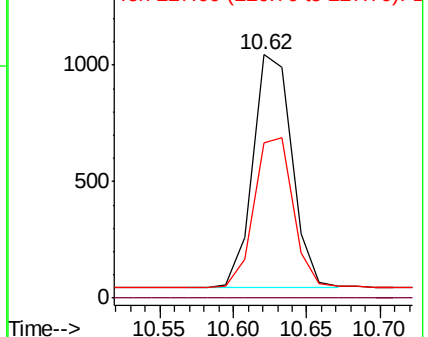
227 64.0 50.5 75.7

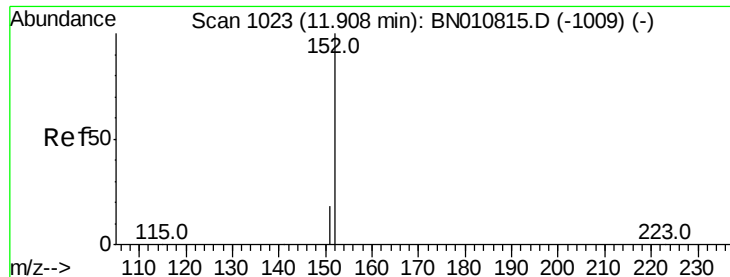


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

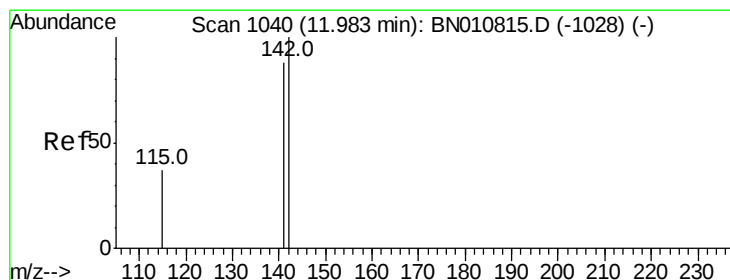
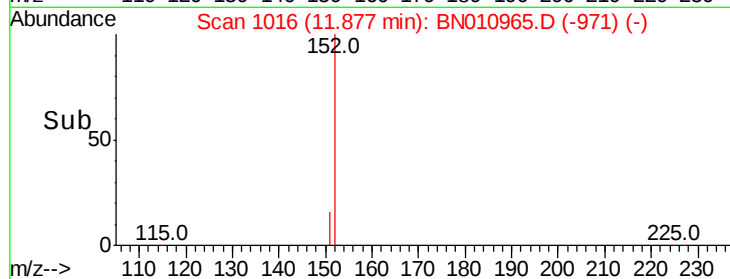
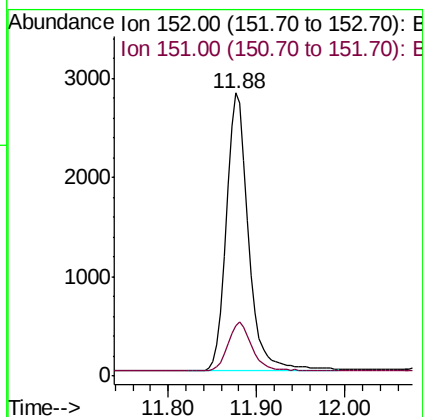
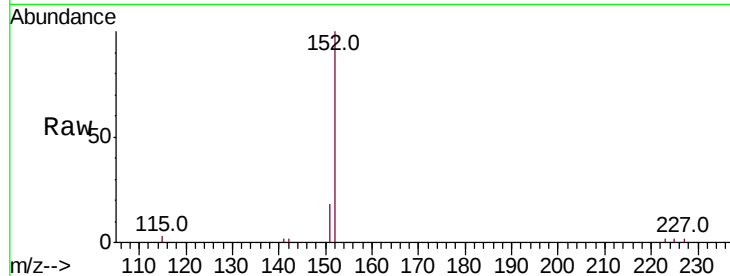




#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 11.88 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BN010965.D
Acq: 19 Jun 2020 12:12

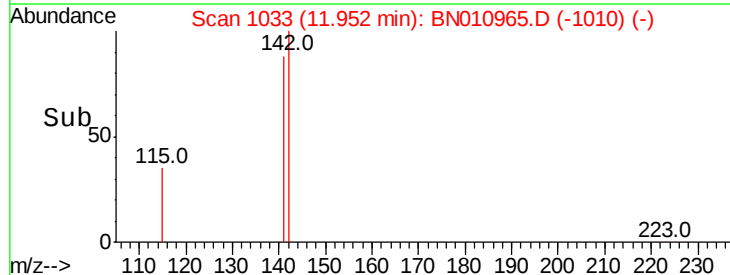
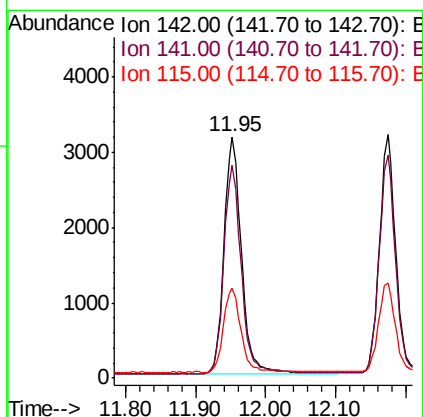
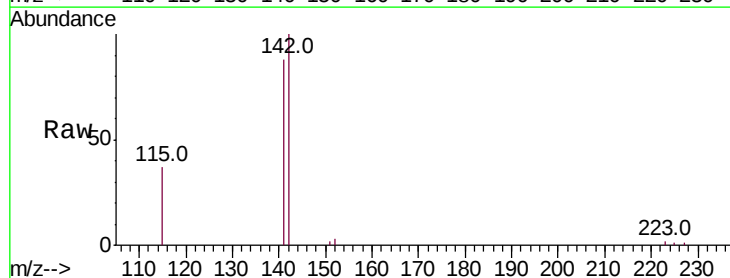
Instrument :
BNA_N
ClientSampleId :
PB129600BS

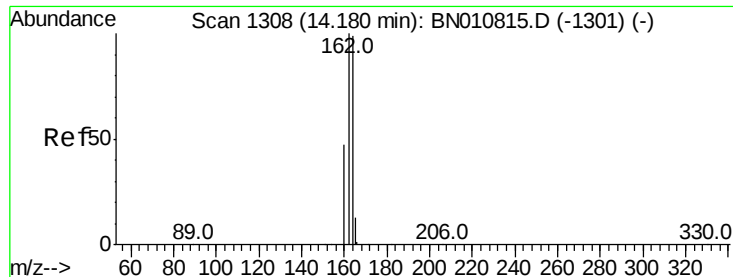
Tot Ion:152 Resp: 4978
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.432 ng
RT: 11.95 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN010965.D
Acq: 19 Jun 2020 12:12

Tgt Ion:142 Resp: 5464
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 37.1 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

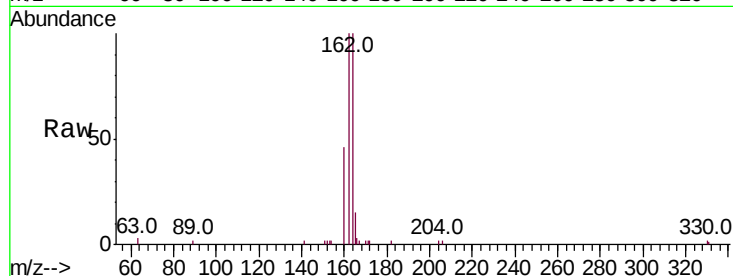
Tot Ion:164 Resp: 4748

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.6

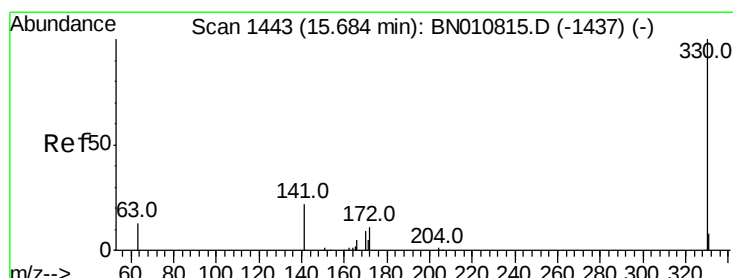
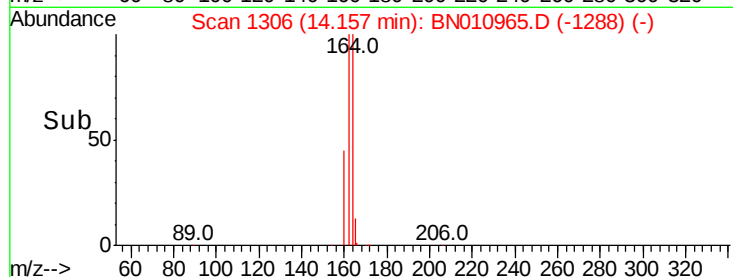
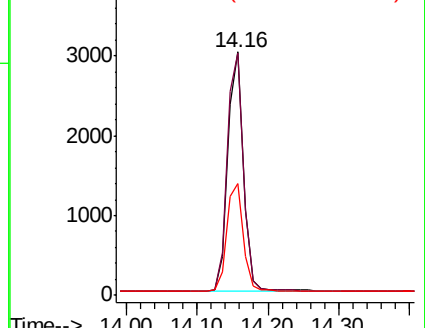
160 46.1 38.9 58.3



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: 0.418 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

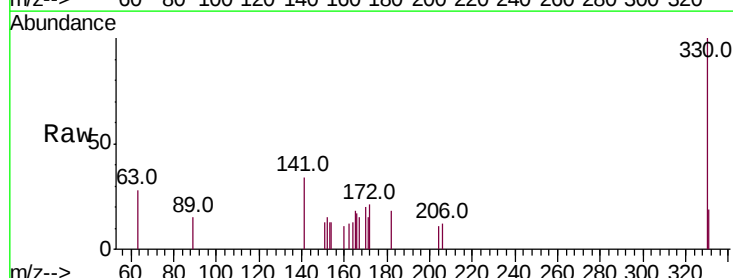
Tgt Ion:330 Resp: 710

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

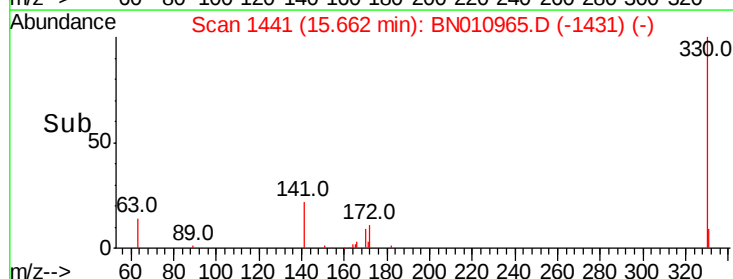
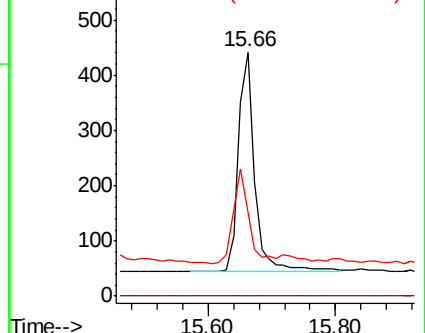
141 41.1 33.2 49.8



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

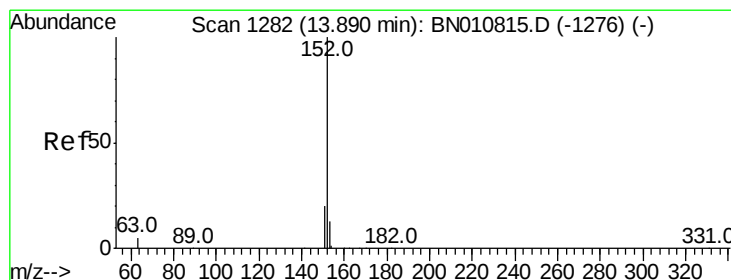
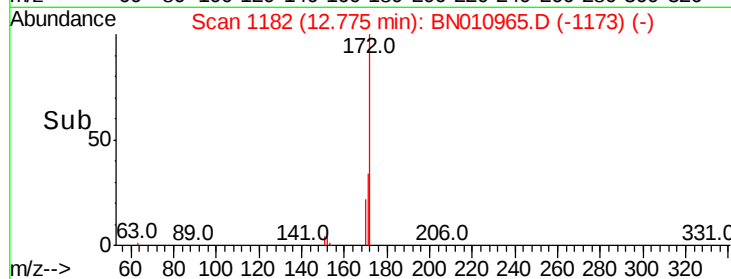
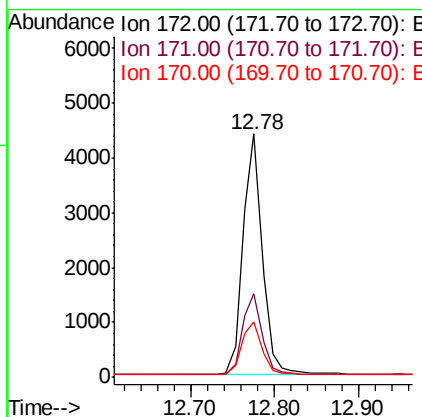
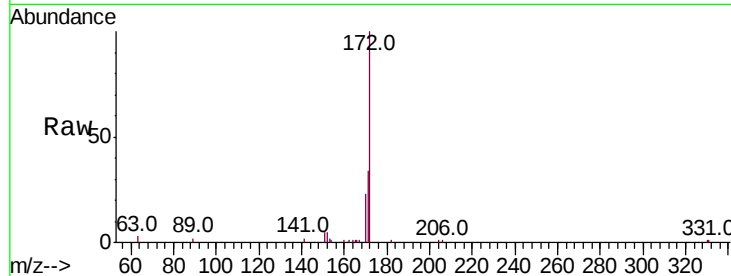




#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010965.D
Acq: 19 Jun 2020 12:12

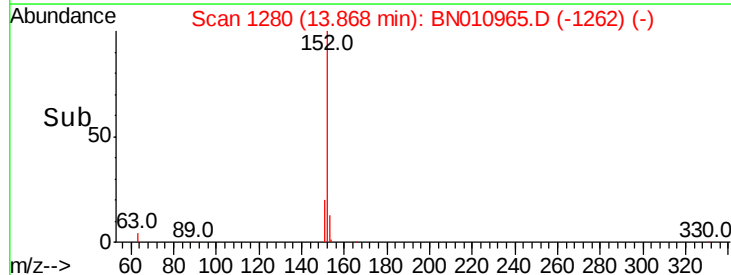
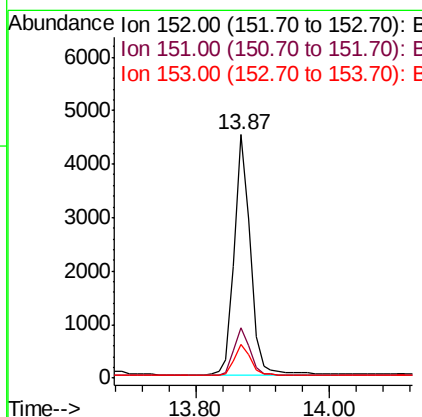
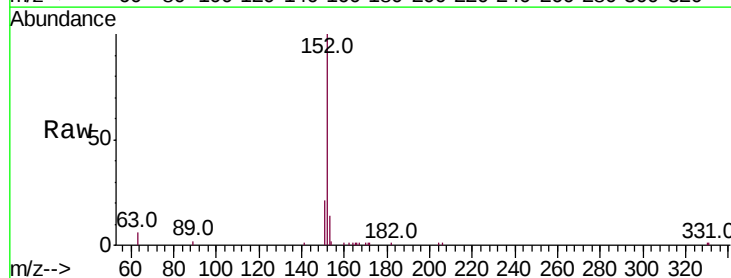
Instrument :
BNA_N
ClientSampleId :
PB129600BS

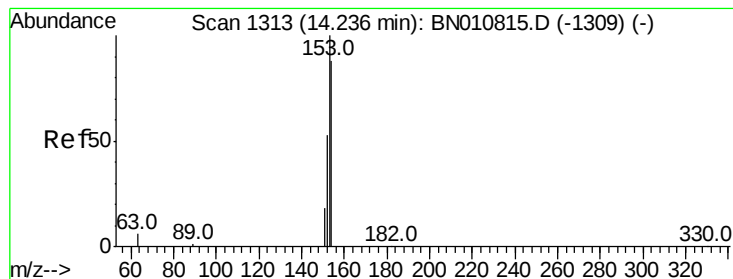
Tot Ion:172 Resp: 7039
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 22.7 19.7 29.5



#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN010965.D
Acq: 19 Jun 2020 12:12

Tgt Ion:152 Resp: 7455
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.5 10.6 16.0





#17

Acenaphthene

Concen: 0.392 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

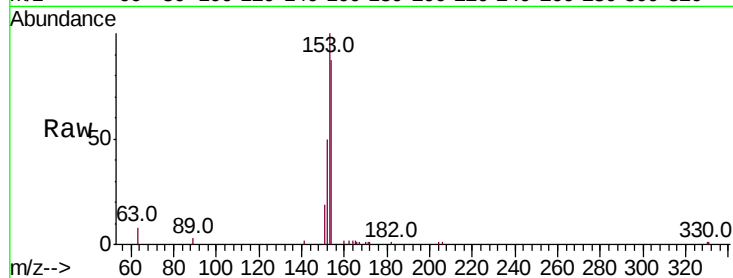
Tot Ion:154 Resp: 5205

Ion Ratio Lower Upper

154 100

153 116.6 91.8 137.6

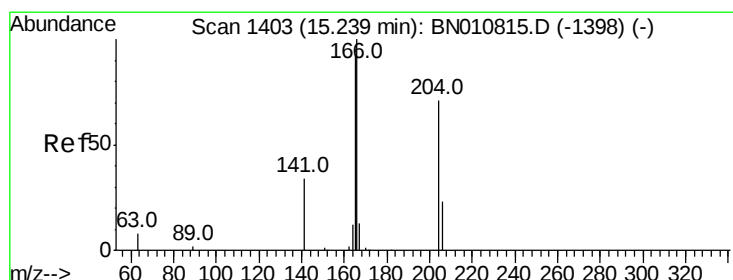
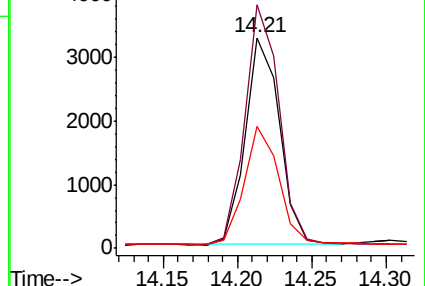
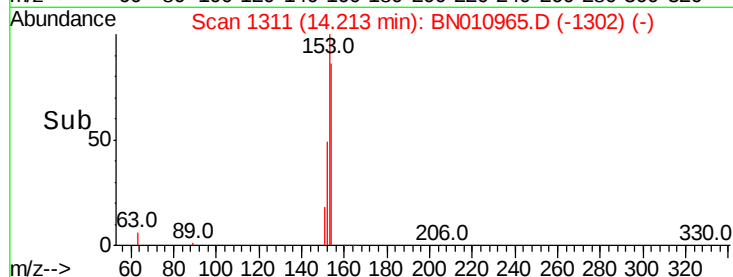
152 57.3 47.6 71.4



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: 0.390 ng

RT: 15.22 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

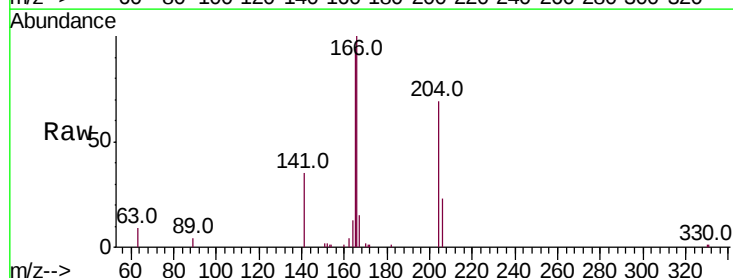
Tgt Ion:166 Resp: 6676

Ion Ratio Lower Upper

166 100

165 95.8 77.2 115.8

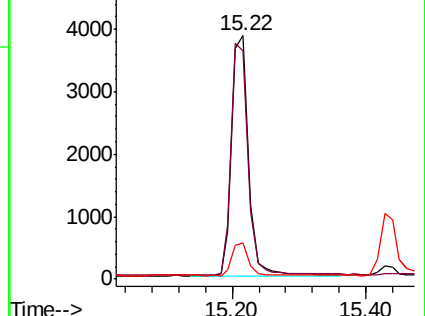
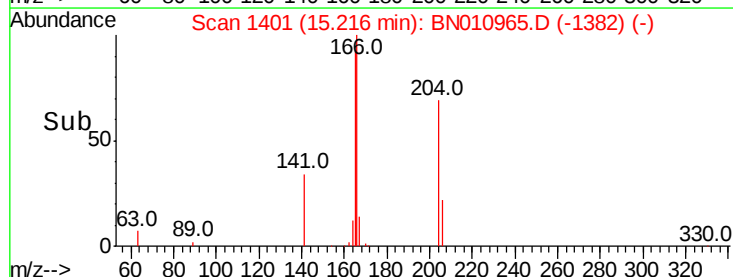
167 13.6 10.7 16.1

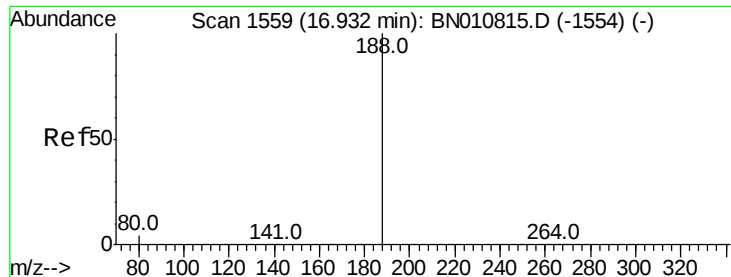


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

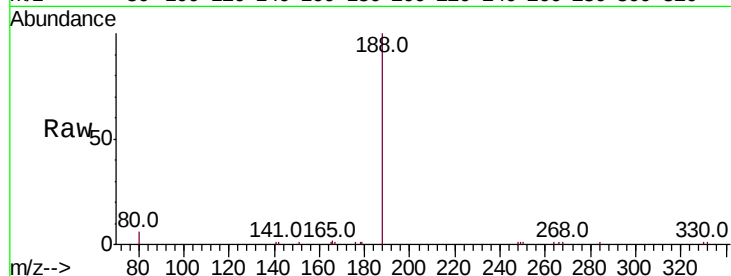
Tot Ion:188 Resp: 9408

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

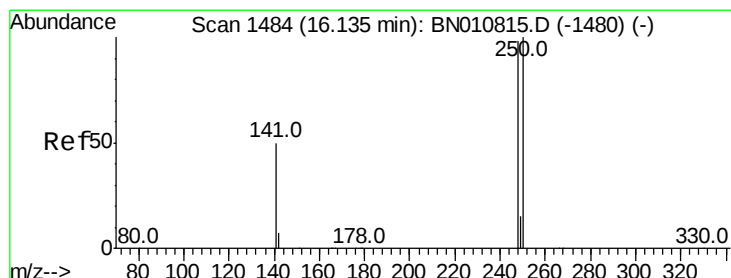
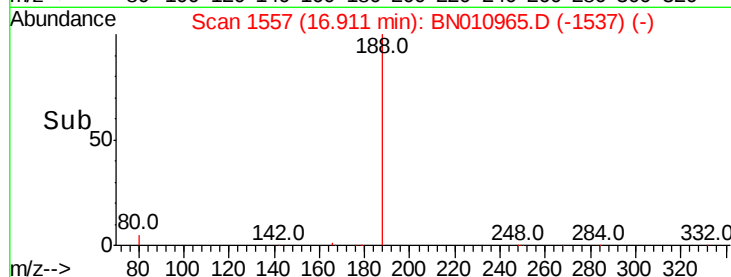
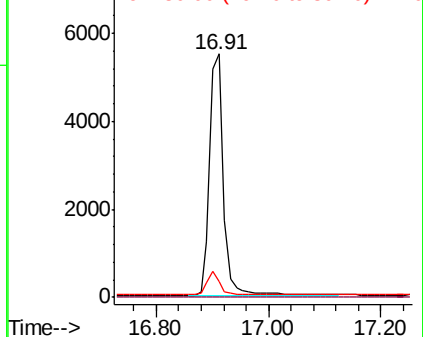
80 6.4 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.393 ng

RT: 16.11 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

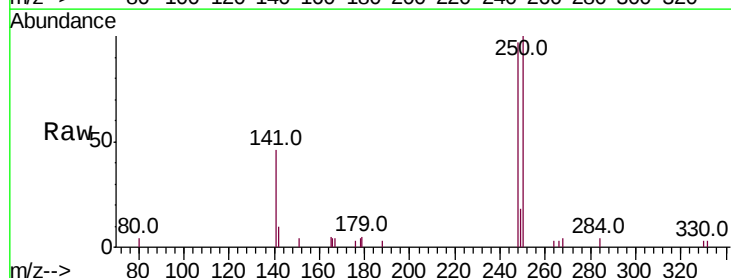
Tgt Ion:248 Resp: 2221

Ion Ratio Lower Upper

248 100

250 103.3 81.8 122.8

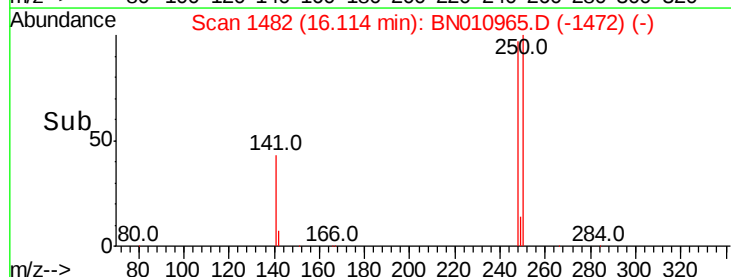
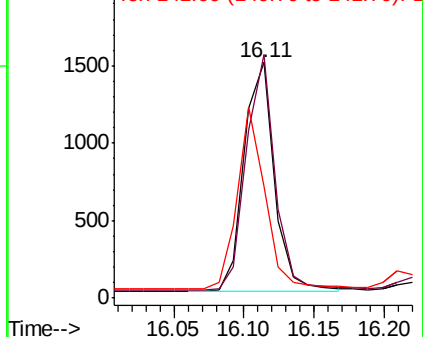
141 47.3 42.6 64.0

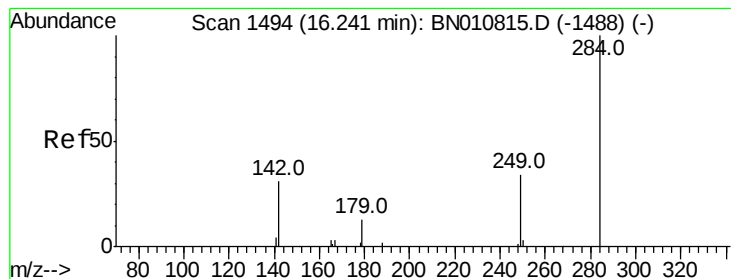


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.22 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

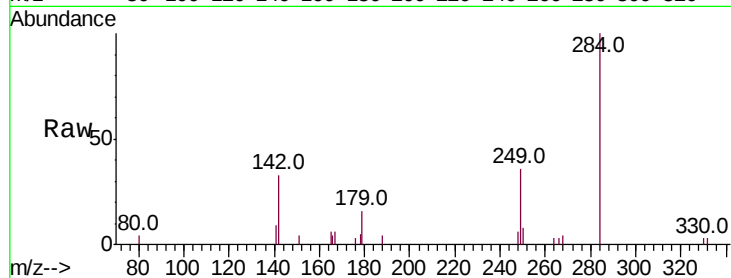
Tot Ion:284 Resp: 2331

Ion Ratio Lower Upper

284 100

142 37.4 31.0 46.4

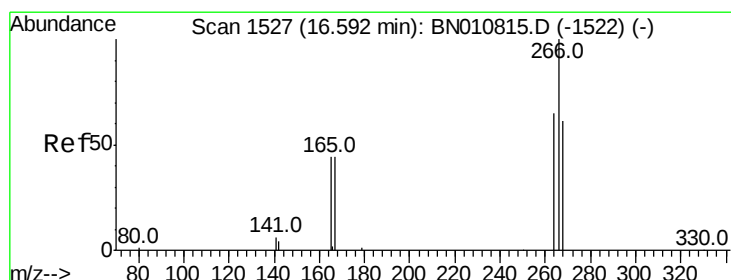
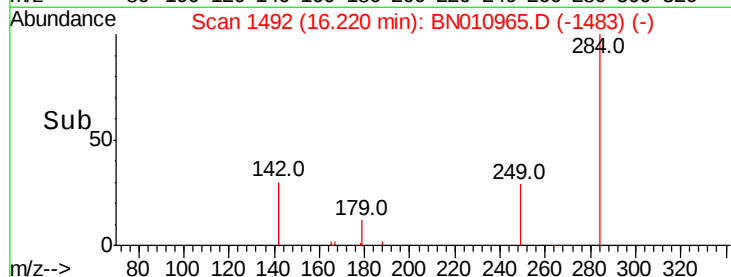
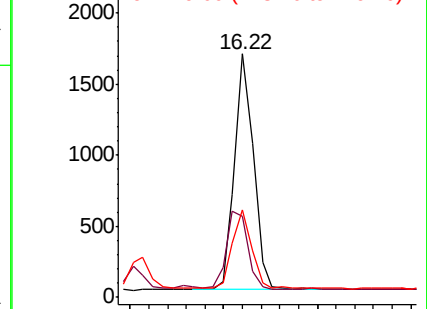
249 33.2 27.1 40.7



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



#22

Pentachlorophenol

Concen: 0.455 ng

RT: 16.57 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

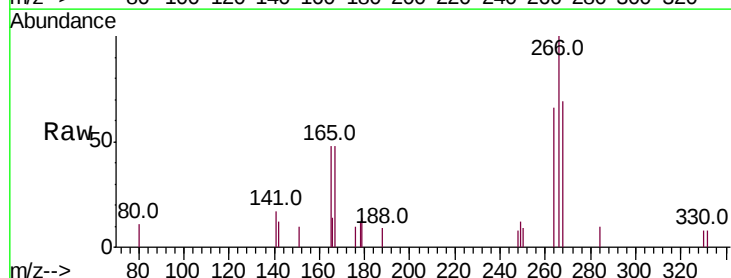
Tgt Ion:266 Resp: 901

Ion Ratio Lower Upper

266 100

264 66.4 54.8 82.2

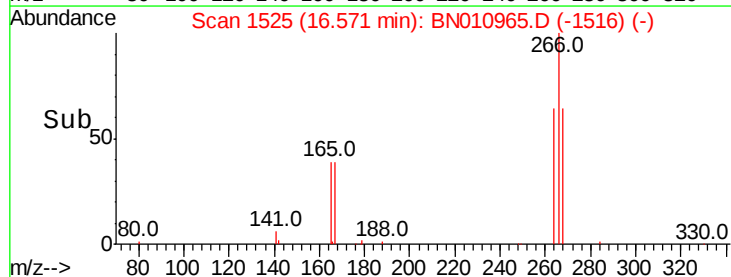
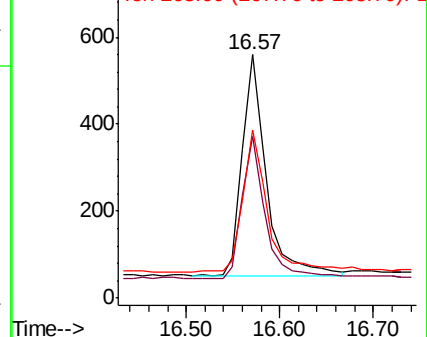
268 69.1 55.9 83.9



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





#23

Phenanthrene

Concen: 0.416 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

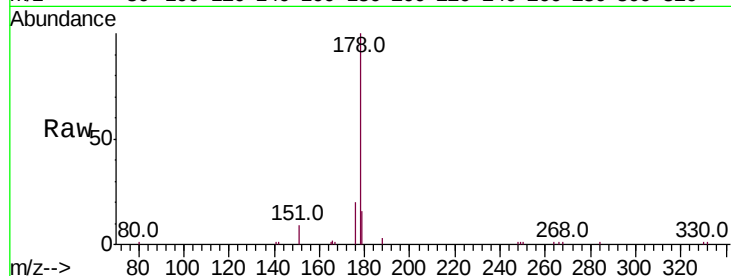
Tot Ion:178 Resp: 10684

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

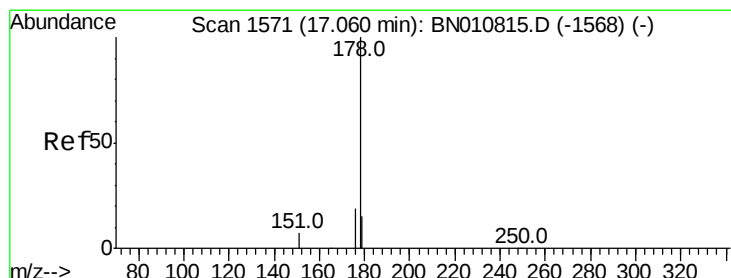
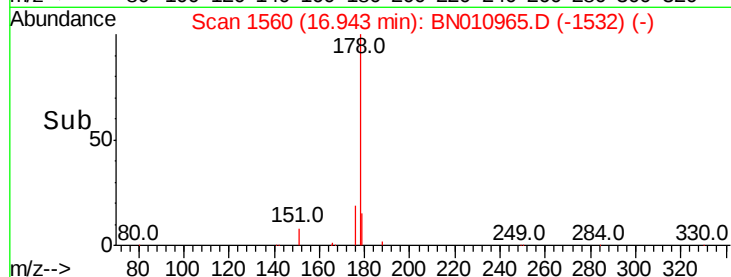
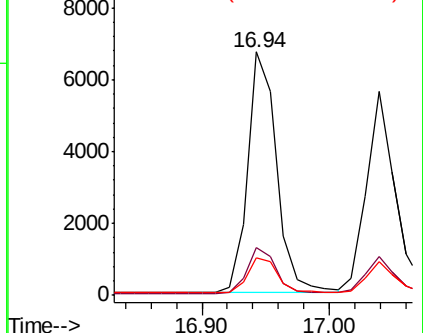
179 15.1 12.6 19.0



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



#24

Anthracene

Concen: 0.422 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

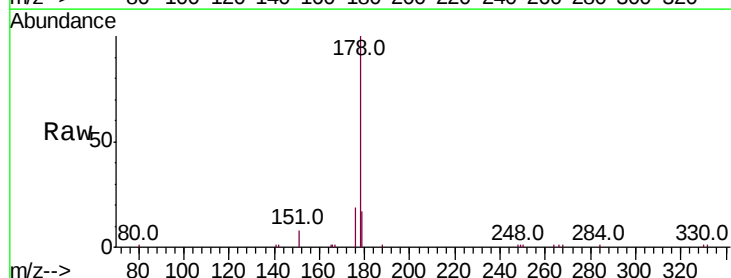
Tgt Ion:178 Resp: 9061

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

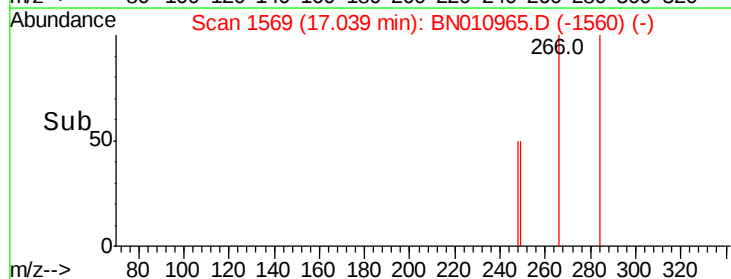
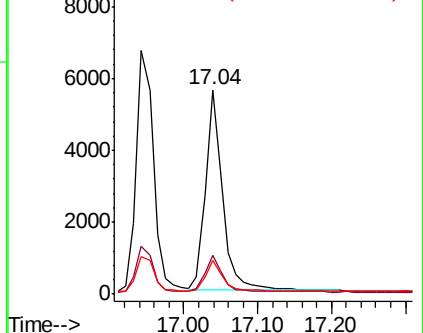
179 14.9 12.3 18.5

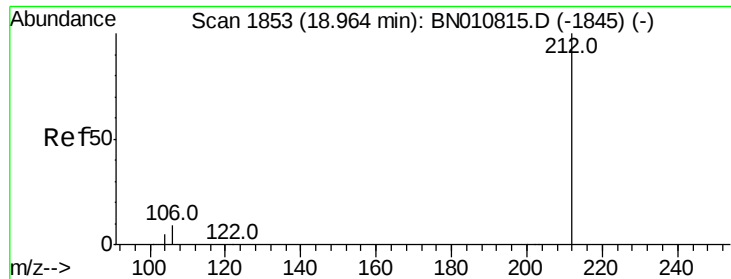


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.423 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

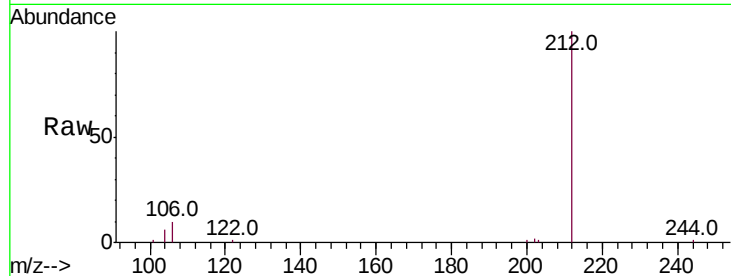
Tot Ion:212 Resp: 10989

Ion Ratio Lower Upper

212 100

106 9.9 6.6 10.0

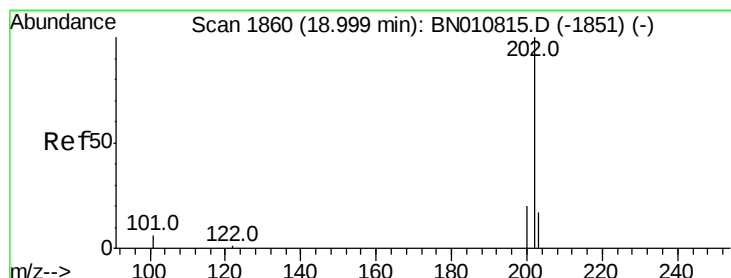
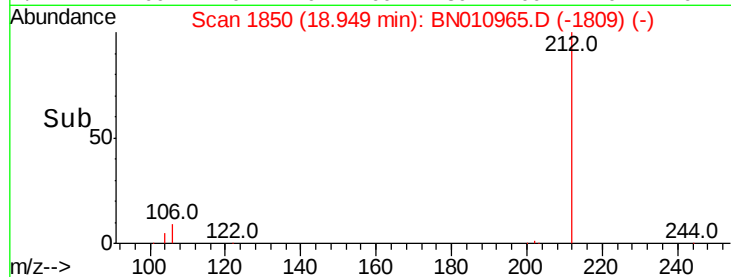
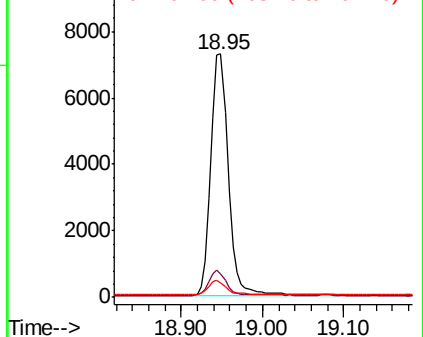
104 5.7 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.417 ng

RT: 18.98 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

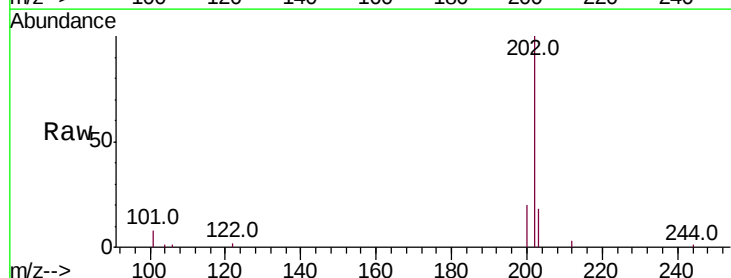
Tgt Ion:202 Resp: 12169

Ion Ratio Lower Upper

202 100

101 8.6 5.8 8.6

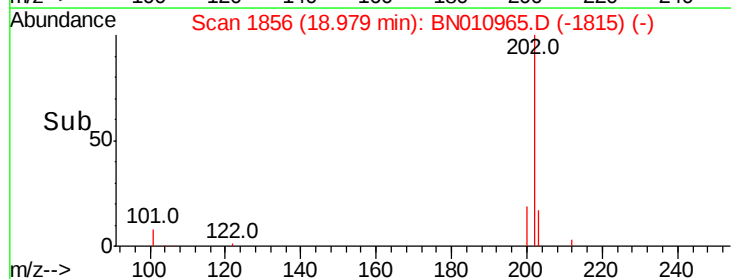
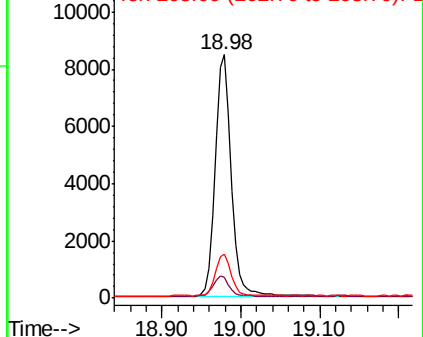
203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

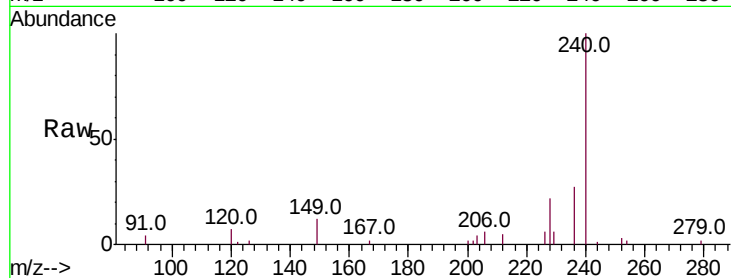
Tot Ion:240 Resp: 9757

Ion Ratio Lower Upper

240 100

120 7.2 7.5 11.3#

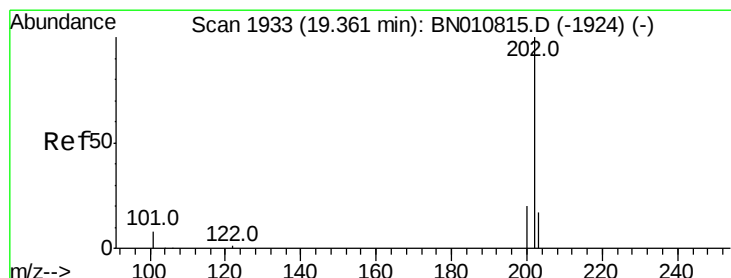
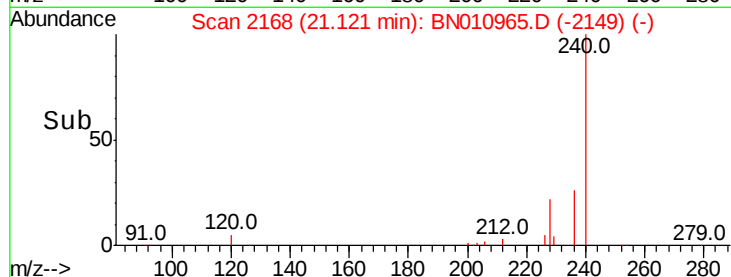
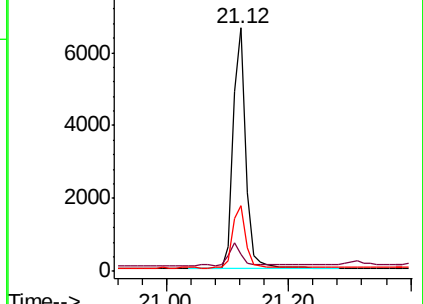
236 26.8 22.3 33.5



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



#28

Pyrene

Concen: 0.381 ng

RT: 19.34 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

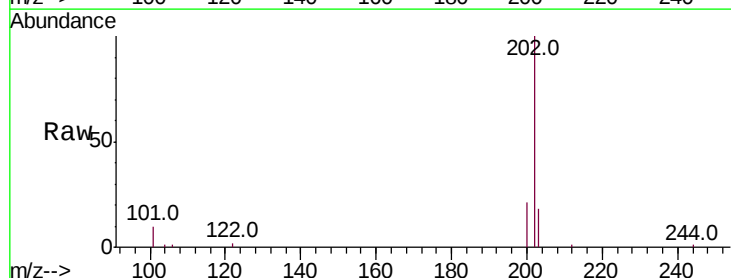
Tgt Ion:202 Resp: 12312

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

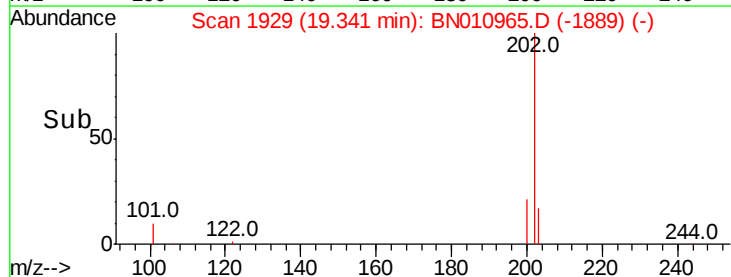
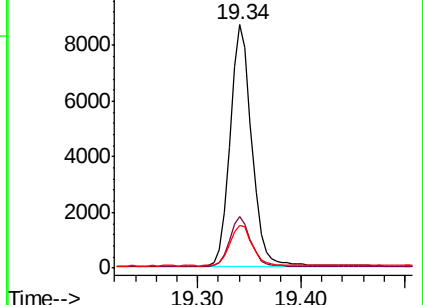
203 17.5 14.2 21.4

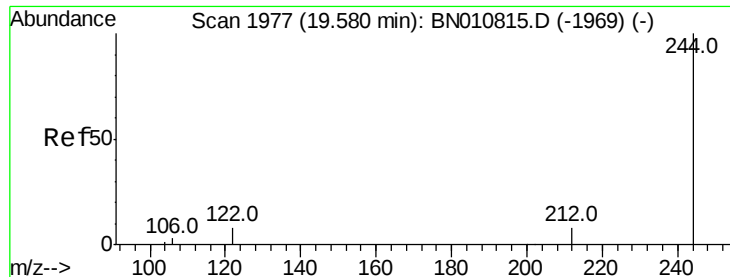


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

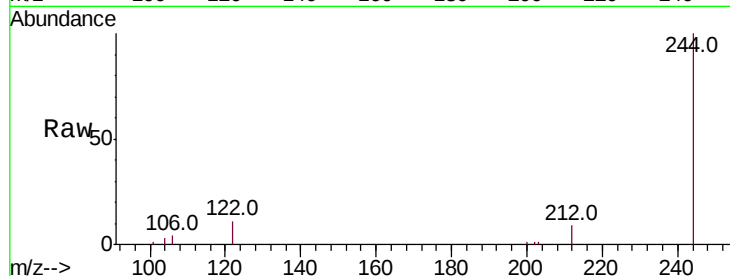
Tot Ion:244 Resp: 8699

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

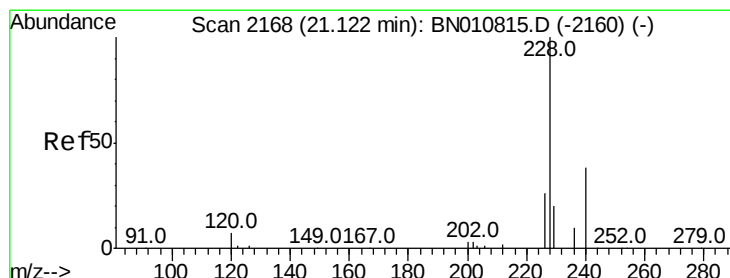
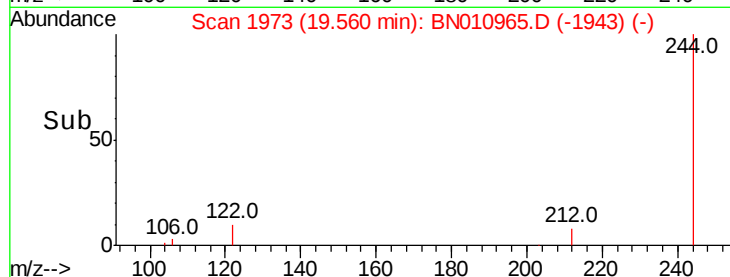
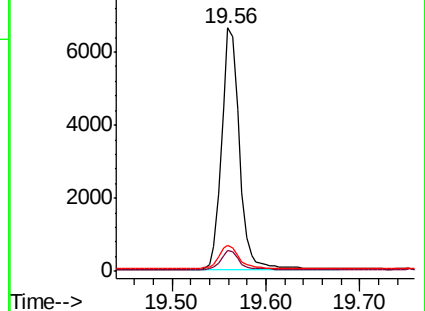
122 10.8 7.5 11.3



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



#30

Benzo(a)anthracene

Concen: 0.432 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

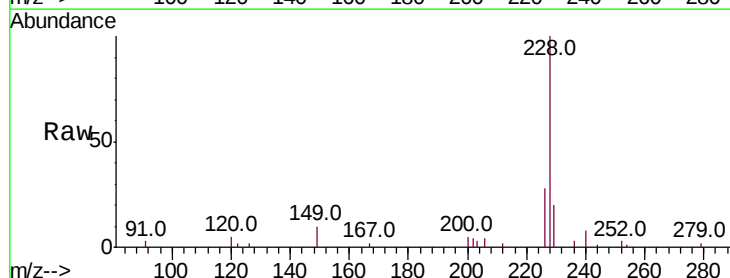
Tgt Ion:228 Resp: 12394

Ion Ratio Lower Upper

228 100

226 27.8 21.3 31.9

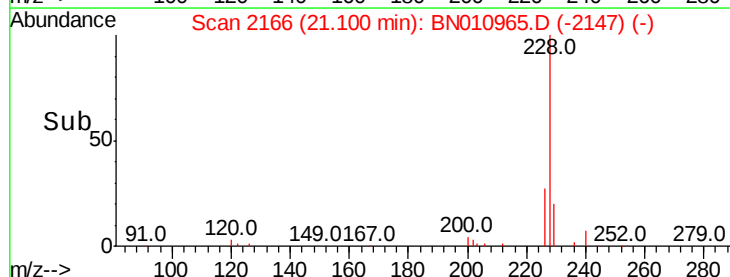
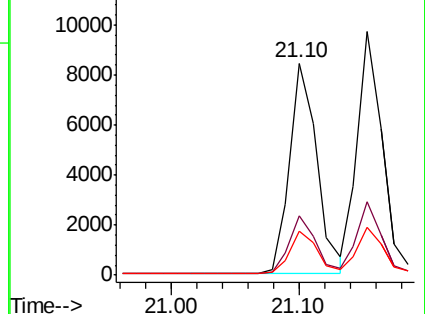
229 20.5 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.390 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

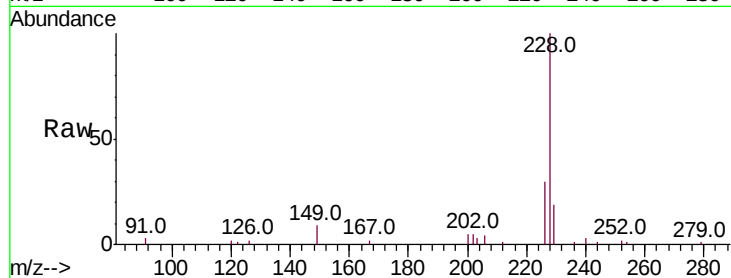
BNA_N

ClientSampleId :

PB129600BS

Tot Ion:228 Resp: 13028

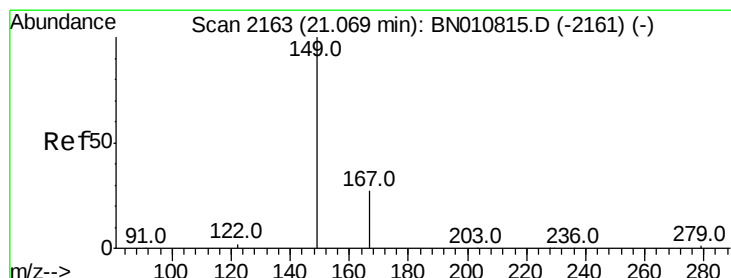
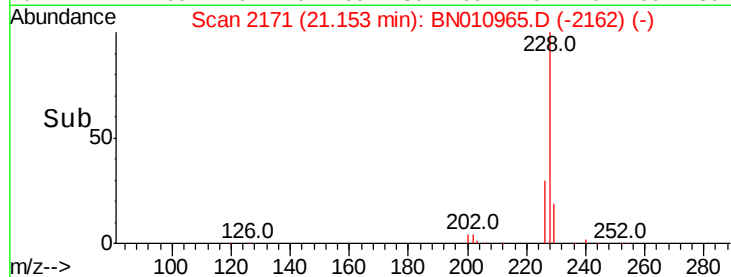
Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.5	16.1	24.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.530 ng

RT: 21.06 min Scan# 2162

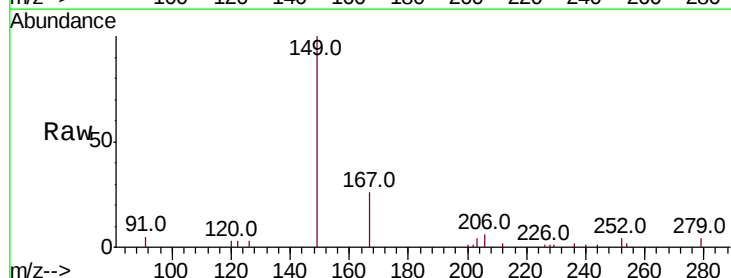
Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Tgt Ion:149 Resp: 5069

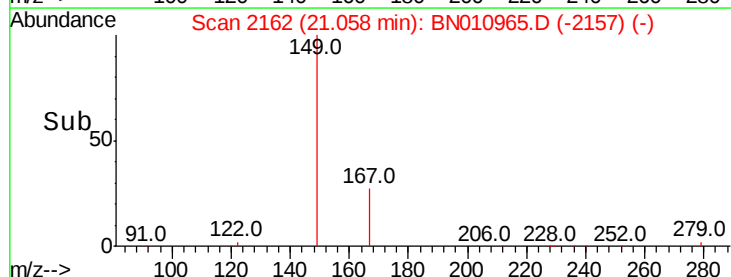
Ion	Ratio	Lower	Upper
149	100		
167	28.2	24.1	36.1
279	5.2	4.6	7.0

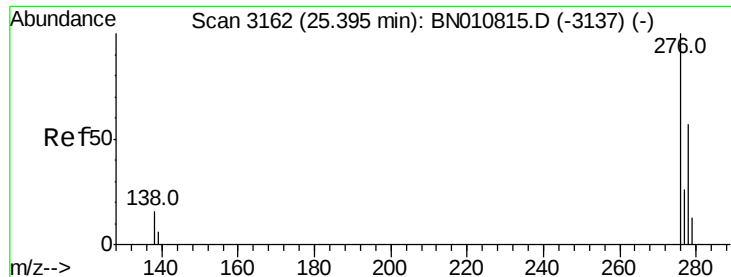


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng

RT: 25.37 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

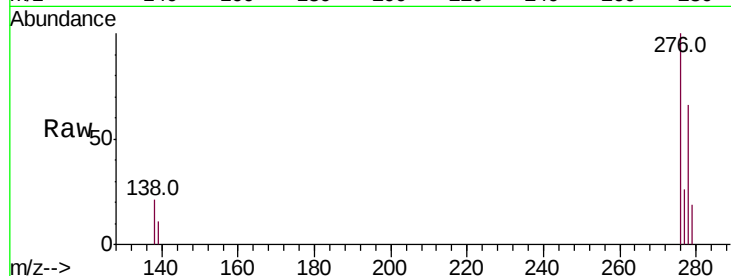
Tot Ion:276 Resp: 14655

Ion Ratio Lower Upper

276 100

138 20.7 13.0 19.6#

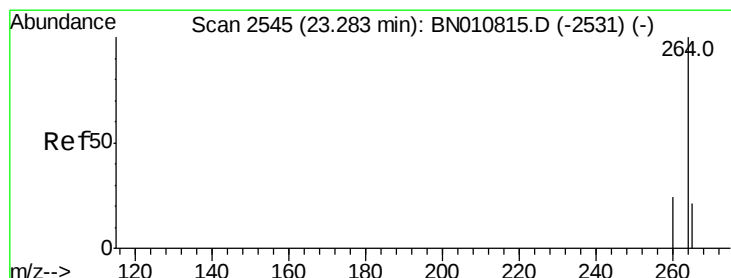
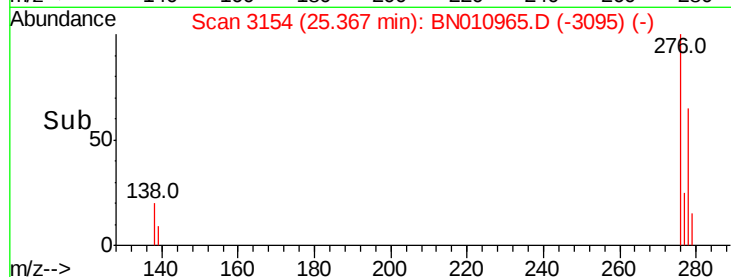
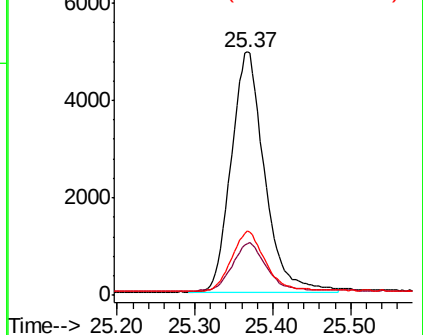
277 24.9 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

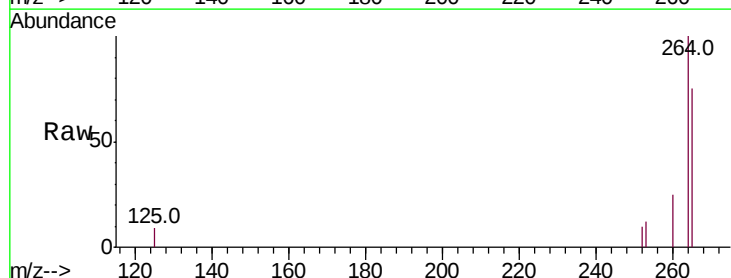
Tgt Ion:264 Resp: 9524

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

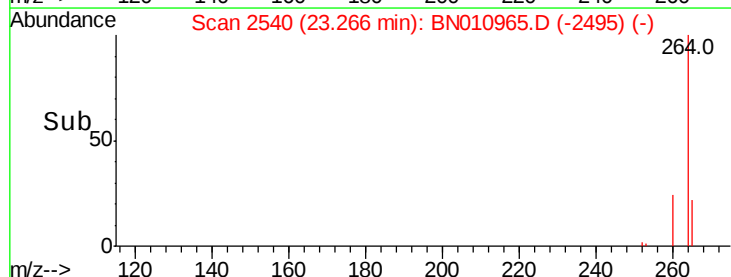
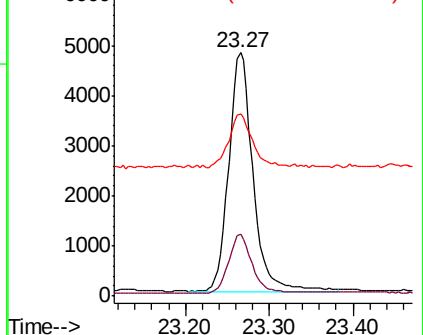
265 74.6 75.0 112.4#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.388 ng

RT: 22.63 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

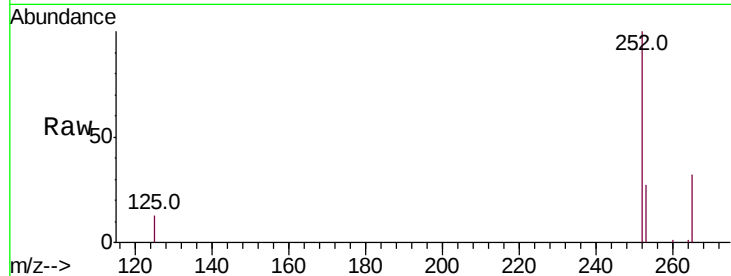
Tot Ion:252 Resp: 12551

Ion Ratio Lower Upper

252 100

253 27.2 22.4 33.6

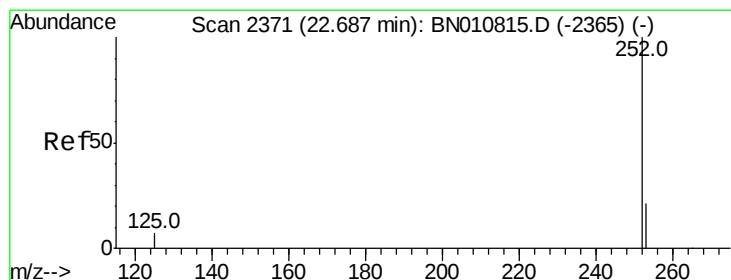
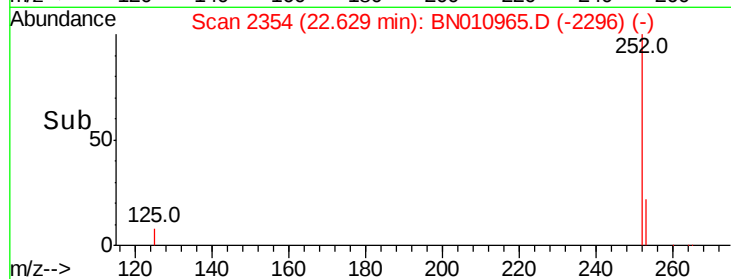
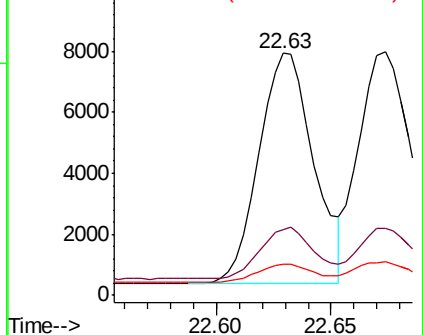
125 13.1 9.4 14.0



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



#36

Benzo(k)fluoranthene

Concen: 0.372 ng

RT: 22.67 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

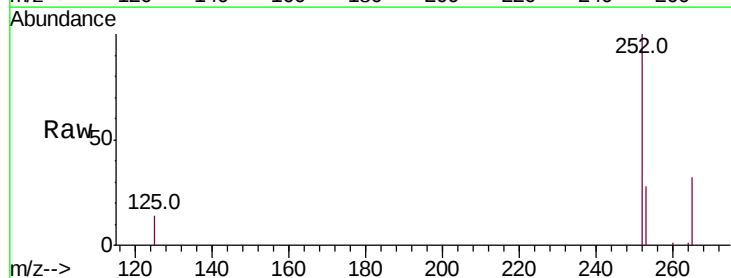
Tgt Ion:252 Resp: 12818

Ion Ratio Lower Upper

252 100

253 27.6 22.2 33.4

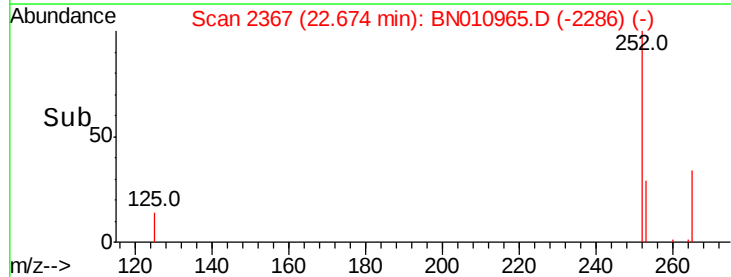
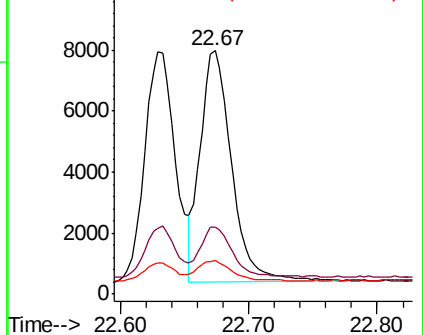
125 13.8 9.8 14.8



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





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.17 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

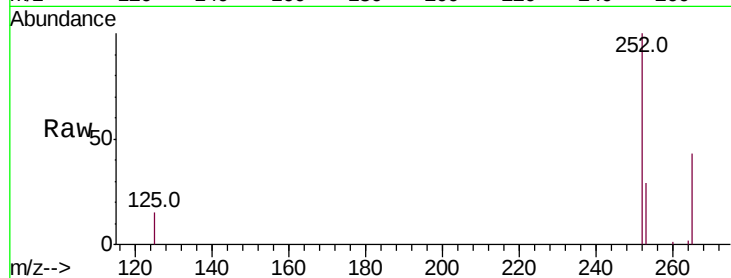
Tot Ion:252 Resp: 11055

Ion Ratio Lower Upper

252 100

253 29.2 25.8 38.8

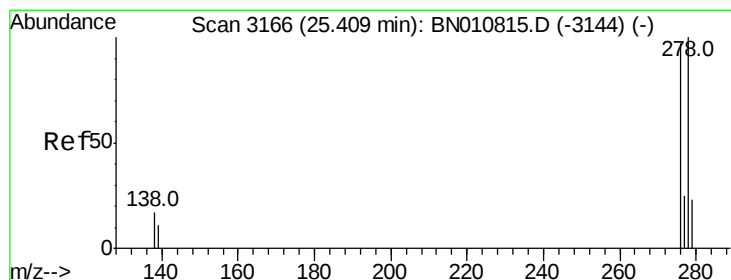
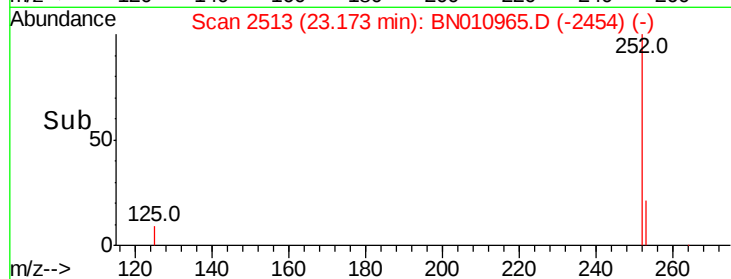
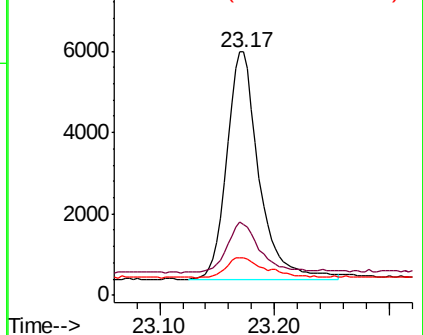
125 15.3 12.4 18.6



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



#38

Dibenzo(a,h)anthracene

Concen: 0.376 ng

RT: 25.38 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

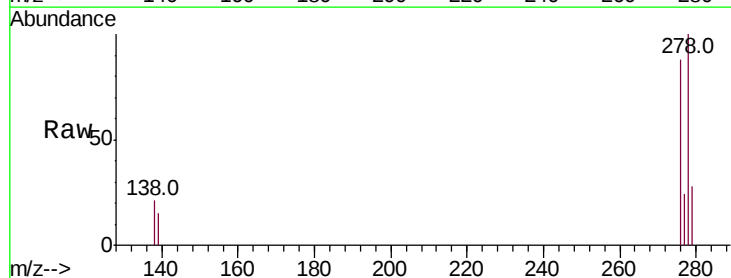
Tgt Ion:278 Resp: 11920

Ion Ratio Lower Upper

278 100

139 15.4 10.6 15.8

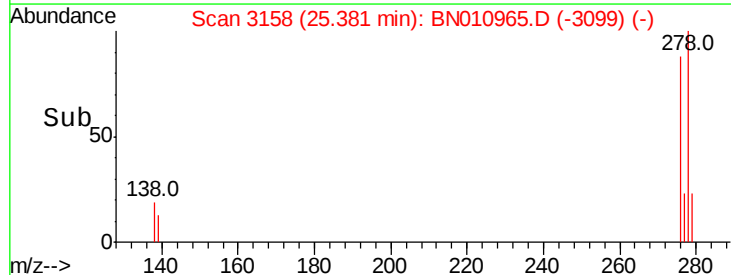
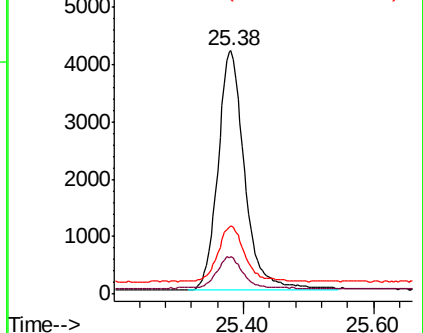
279 28.0 23.6 35.4



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





#39

Benzo(a,h,i)perylene

Concen: 0.373 ng

RT: 26.00 min Scan# 3338

Delta R.T. -0.00 min

Lab File: BN010965.D

Acq: 19 Jun 2020 12:12

Instrument :

BNA_N

ClientSampleId :

PB129600BS

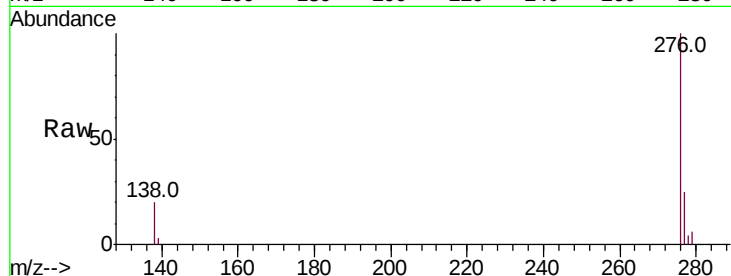
Tot Ion:276 Resp: 12366

Ion Ratio Lower Upper

276 100

277 25.5 20.5 30.7

138 19.9 13.7 20.5



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

