

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011590.D
 Acq On : 22 Aug 2020 16:56
 Operator : CG/JU
 Sample : L3729-18MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)MS

Quant Time: Aug 24 01:25:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1513	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	5566	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	3005	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	6198	0.40	ng	0.00
29) Chrysene-d12	21.00	240	5971	0.40	ng	-0.01
36) Perylene-d12	23.10	264	6140	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1158	0.36	ng	0.00
5) Phenol-d6	6.61	99	1208	0.37	ng	-0.02
8) Nitrobenzene-d5	8.54	82	1522	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	11.73	152	2466	0.25	ng	-0.02
14) 2,4,6-Tribromophenol	15.54	330	397	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	5419	0.44	ng	-0.03
27) Fluoranthene-d10	18.82	212	4746	0.23	ng	-0.01
31) Terphenyl-d14	19.45	244	7264	0.47	ng	0.00

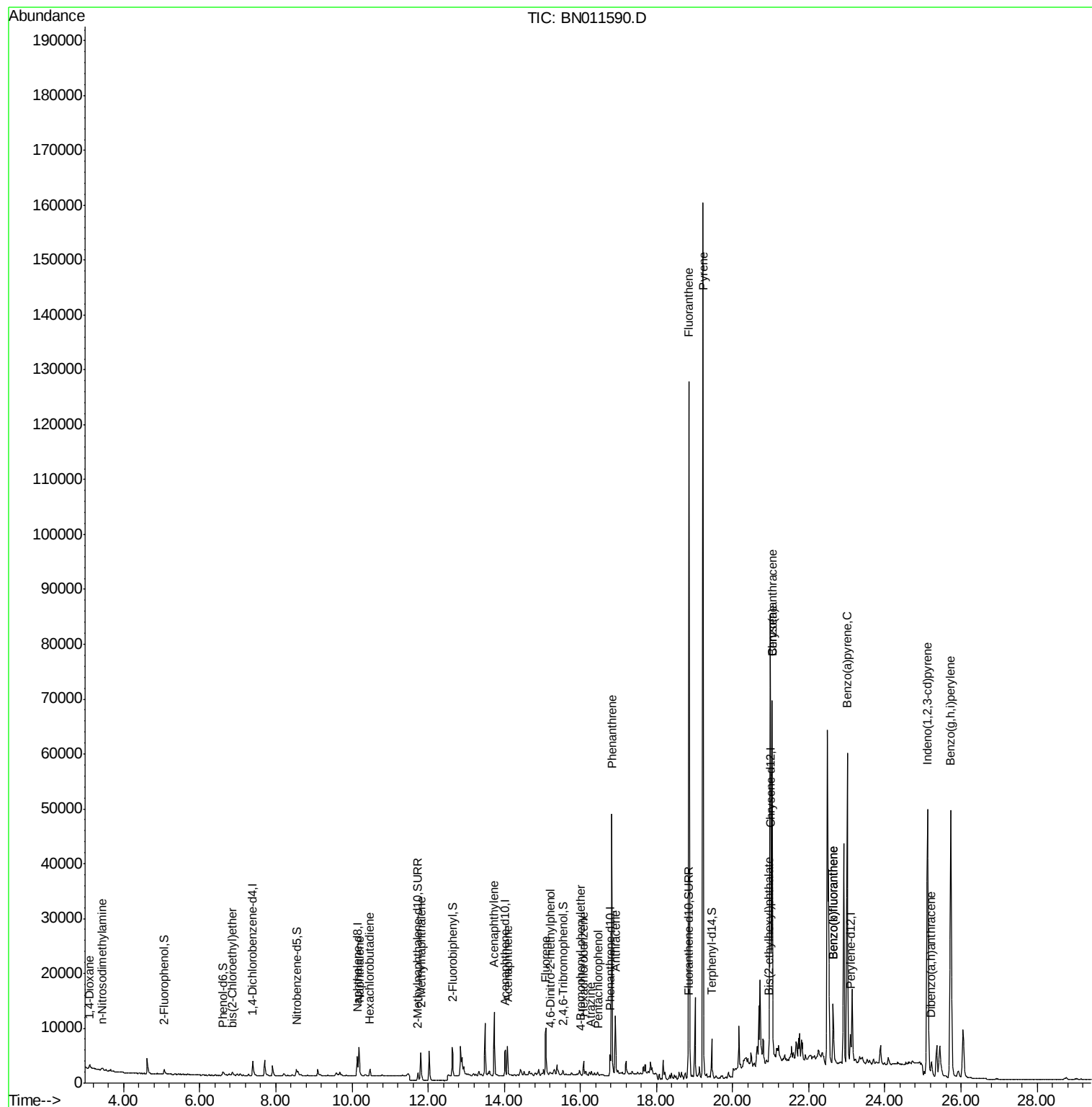
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	548	0.265	ng	# 100
3) n-Nitrosodimethylamine	3.43	42	265	0.311	ng	# 77
6) bis(2-Chloroethyl)ether	6.86	93	805	0.252	ng	# 82
9) Naphthalene	10.19	128	8322	0.516	ng	97
10) Hexachlorobutadiene	10.47	225	1134	0.251	ng	# 100
12) 2-Methylnaphthalene	11.81	142	4507	0.406	ng	97
16) Acenaphthylene	13.74	152	13350	0.873	ng	100
17) Acenaphthene	14.09	154	3240	0.323	ng	99
18) Fluorene	15.09	166	5307	0.400	ng	95
20) 4,6-Dinitro-2-methylphenol	15.21	198	253	0.380	ng	# 77
21) 4-Bromophenyl-phenylether	16.02	248	246	0.182	ng	# 74
22) Hexachlorobenzene	16.09	284	1248	0.261	ng	98
23) Atrazine	16.29	200	768	0.238	ng	93
24) Pentachlorophenol	16.46	266	231	0.155	ng	95
25) Phenanthrene	16.82	178	47886	2.454	ng	100
26) Anthracene	16.92	178	13975	0.859	ng	97
28) Fluoranthene	18.85	202	113599	4.526	ng	99
30) Pyrene	19.22	202	143165	6.028	ng	99
32) Benzo(a)anthracene	21.04	228	61918	3.157	ng	95
33) Chrysene	21.04	228	61693	2.765	ng	99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3609	0.405	ng	99
35) Indeno(1,2,3-cd)pyrene	25.12	276	74308	3.667	ng	98
37) Benzo(b)fluoranthene	22.64	252	13386	0.590	ng	94
38) Benzo(k)fluoranthene	22.64	252	15543	0.575	ng	93
39) Benzo(a)pyrene	23.01	252	75363	3.588	ng	# 74
40) Dibenzo(a,h)anthracene	25.23	278	3619	0.206	ng	97
41) Benzo(g,h,i)perylene	25.73	276	91657	4.376	ng	93

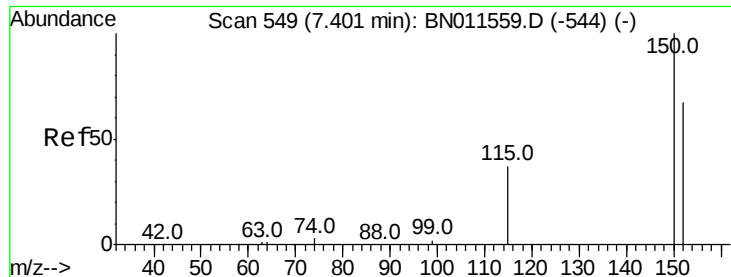
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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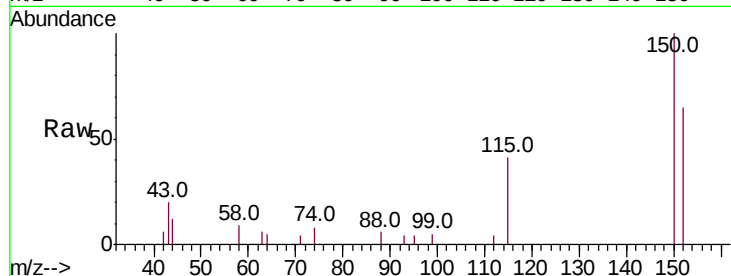


#1

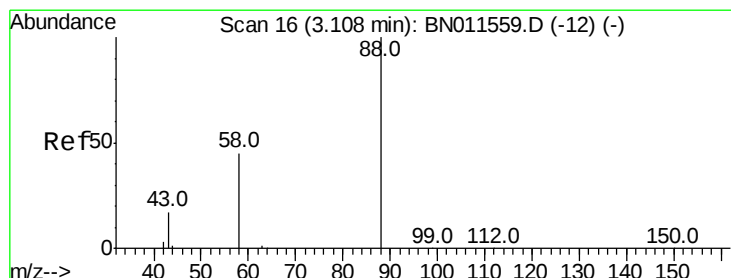
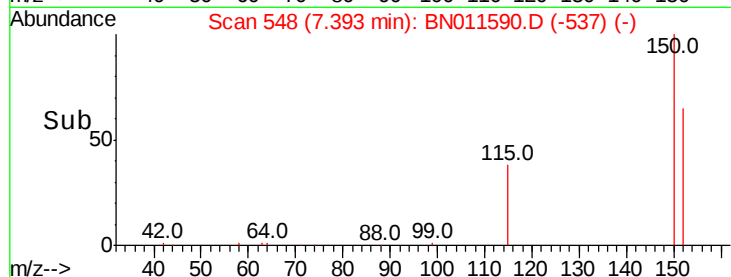
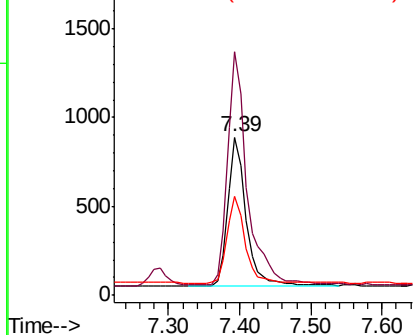
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 548
Delta R.T. -0.01 min
Lab File: BN011590.D
Acq: 22 Aug 2020 16:56

Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)MS

Tot Ion:152 Resp: 1513
Ion Ratio Lower Upper
152 100
150 154.0 117.1 175.7
115 62.4 48.7 73.1



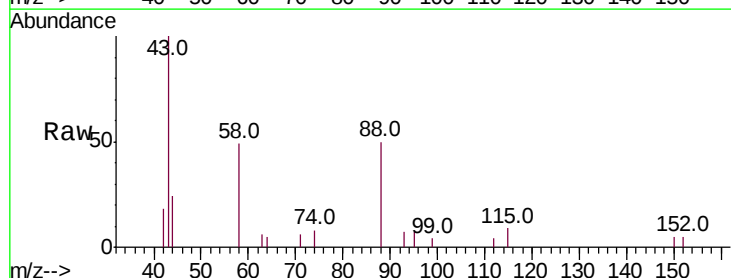
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



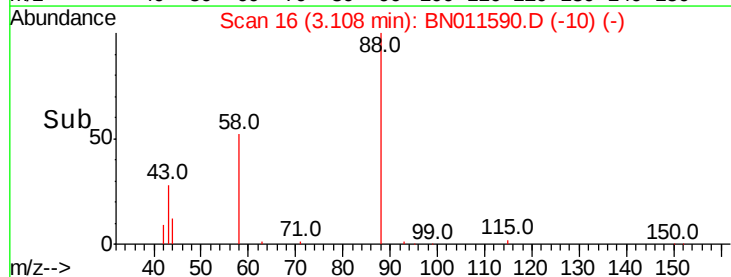
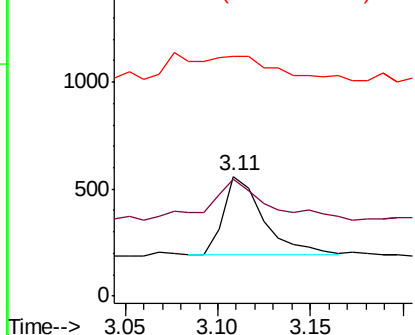
#2

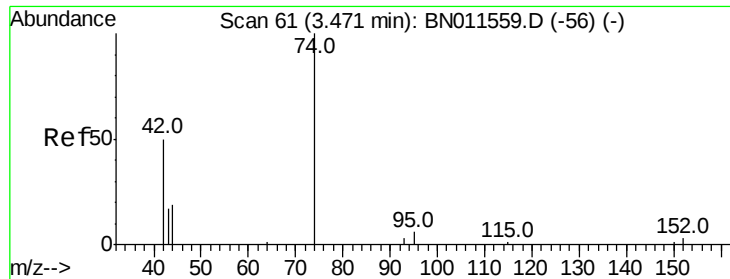
1,4-Dioxane
Concen: 0.265 ng
RT: 3.11 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN011590.D
Acq: 22 Aug 2020 16:56

Tgt Ion: 88 Resp: 548
Ion Ratio Lower Upper
88 100
58 71.2 0.0 0.0#
43 47.6 0.0 0.0#



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



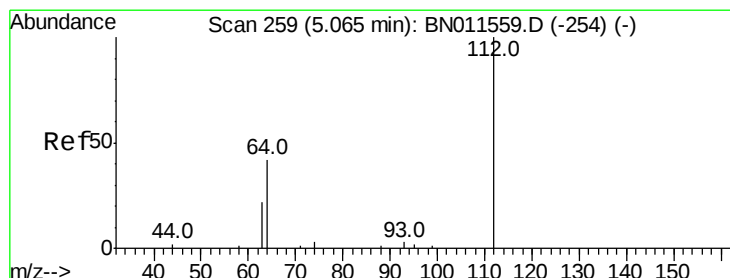
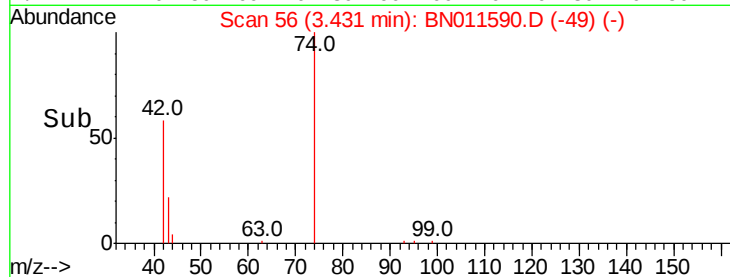
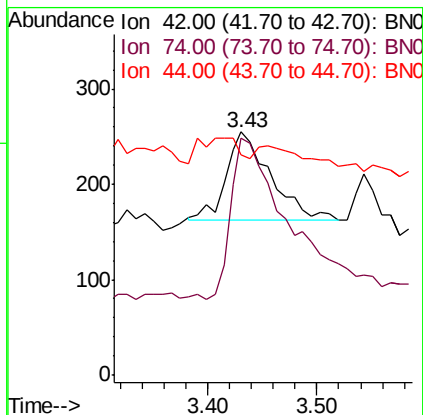
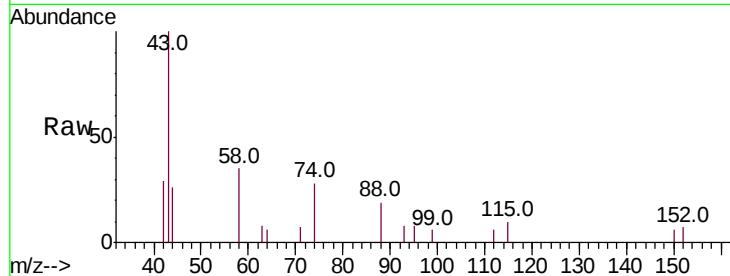


#3

n-Nitrosodimethylamine
Concen: 0.311 ng
RT: 3.43 min Scan# 56
Delta R.T. -0.04 min
Lab File: BN011590.D
Acq: 22 Aug 2020 16:56

Instrument :
BNA_N
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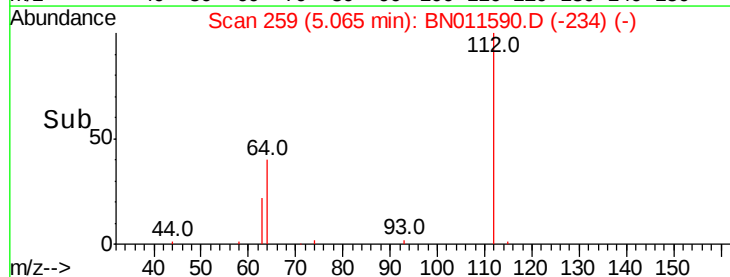
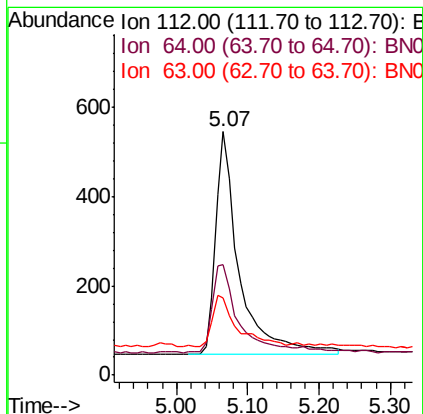
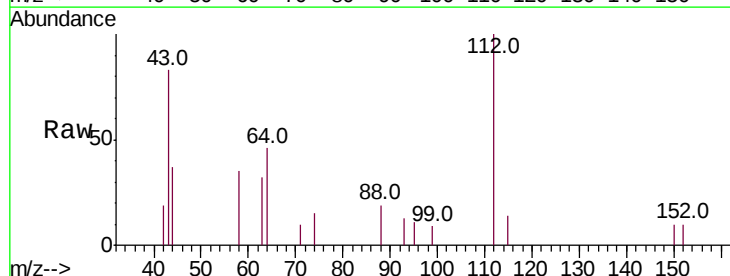
Tot Ion: 42 Resp: 265
Ion Ratio Lower Upper
42 100
74 241.1 169.0 253.4
44 0.0 21.6 32.4#

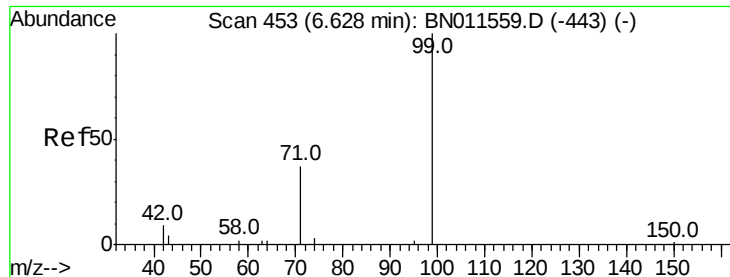


#4

2-Fluorophenol
Concen: 0.359 ng
RT: 5.07 min Scan# 259
Delta R.T. 0.00 min
Lab File: BN011590.D
Acq: 22 Aug 2020 16:56

Tgt Ion: 112 Resp: 1158
Ion Ratio Lower Upper
112 100
64 44.1 33.9 50.9
63 24.1 17.7 26.5





#5

Phenol-d6

Concen: 0.370 ng

RT: 6.61 min Scan# 451

Delta R.T. -0.02 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

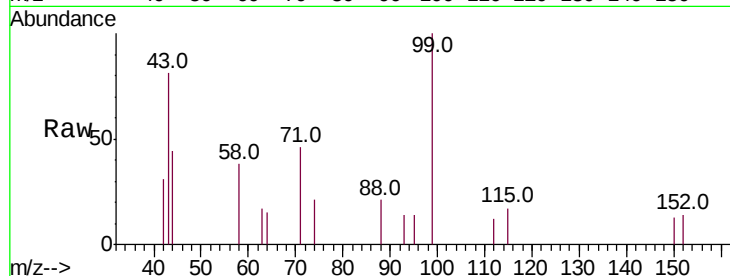
Tot Ion: 99 Resp: 1208

Ion Ratio Lower Upper

99 100

42 11.7 9.0 13.4

71 38.0 30.4 45.6



Abundance Ion 99.00 (98.70 to 99.70): BN011590.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011590.D (-443) (-)

Ion 71.00 (70.70 to 71.70): BN011590.D (-443) (-)

6.61

400

300

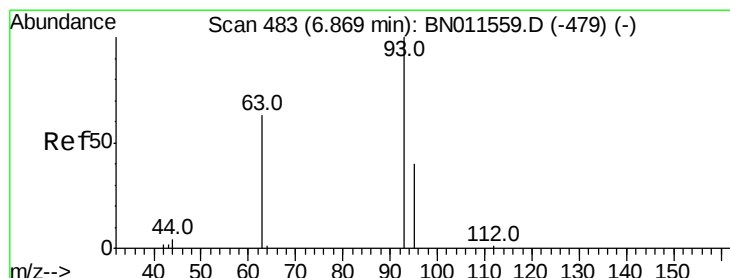
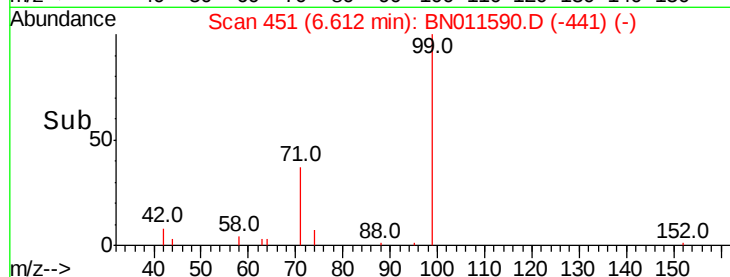
200

100

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.252 ng

RT: 6.86 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

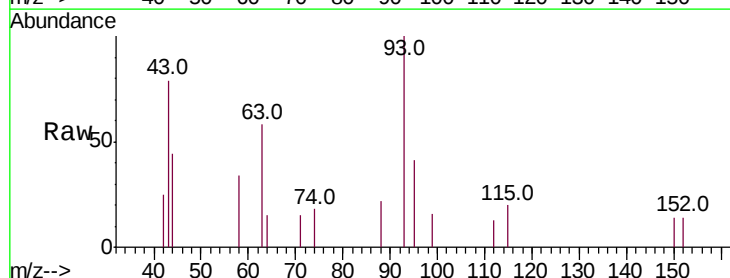
Tgt Ion: 93 Resp: 805

Ion Ratio Lower Upper

93 100

63 57.3 32.9 49.3#

95 36.3 25.3 37.9



Abundance Ion 93.00 (92.70 to 93.70): BN011590.D (-479) (-)

Ion 63.00 (62.70 to 63.70): BN011590.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BN011590.D (-479) (-)

6.86

400

300

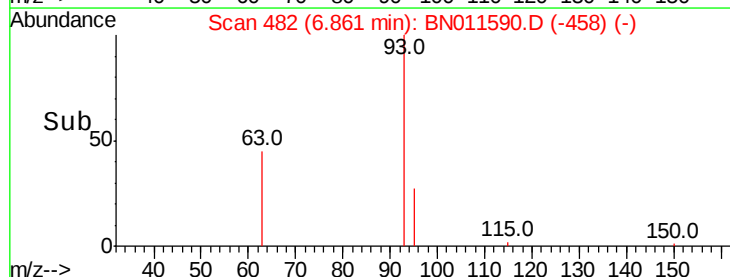
200

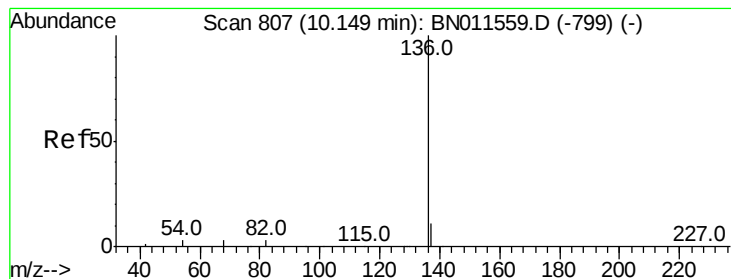
100

0

6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

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COMP-5-(4-5)MS

Tot Ion:136 Resp: 5566

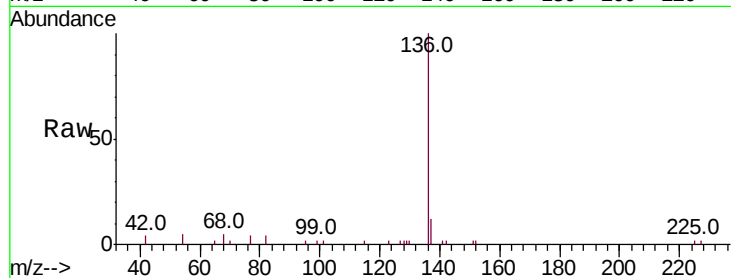
Ion Ratio Lower Upper

136 100

137 12.4 11.0 16.4

54 4.7 4.3 6.5

68 5.2 4.9 7.3

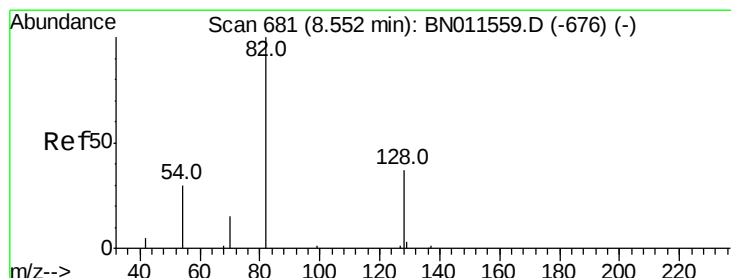
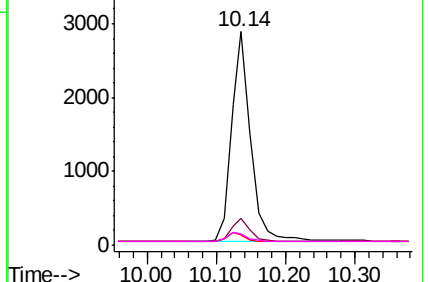
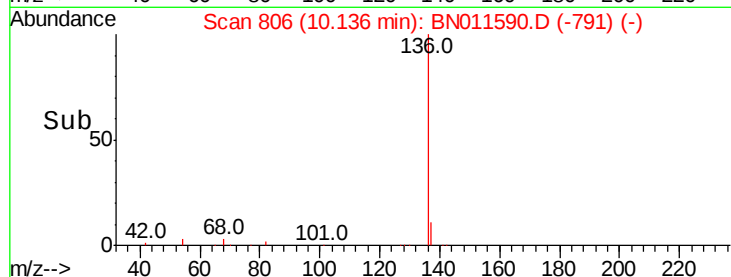


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.416 ng

RT: 8.54 min Scan# 680

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

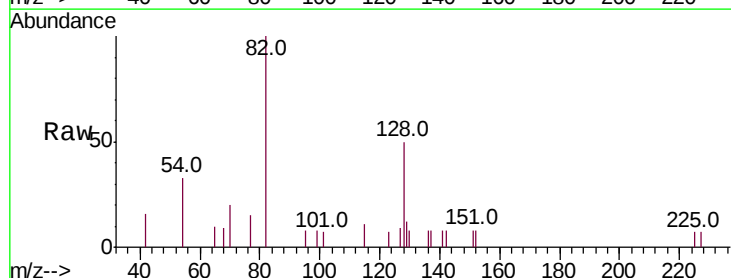
Tgt Ion: 82 Resp: 1522

Ion Ratio Lower Upper

82 100

128 49.9 41.7 62.5

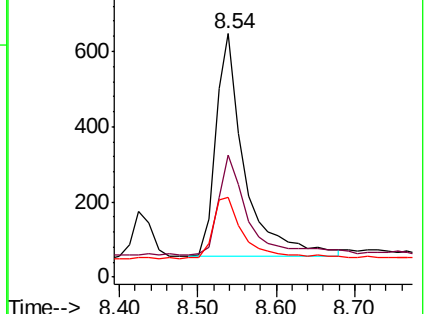
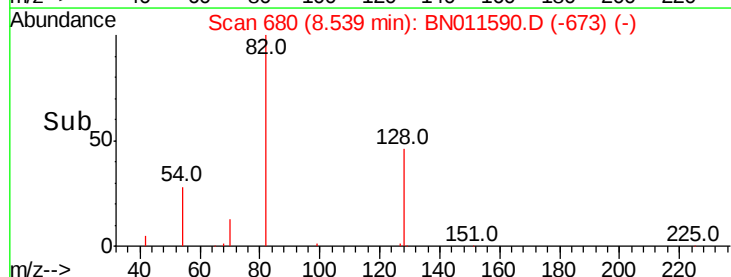
54 32.8 34.4 51.6#

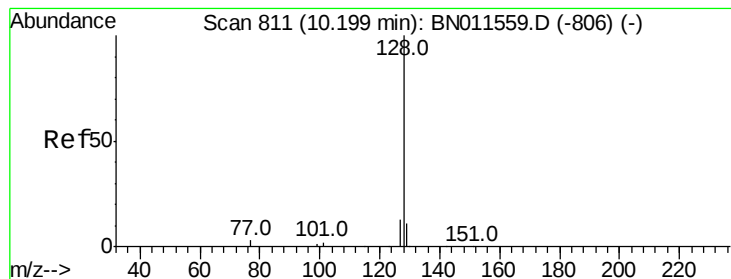


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.516 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

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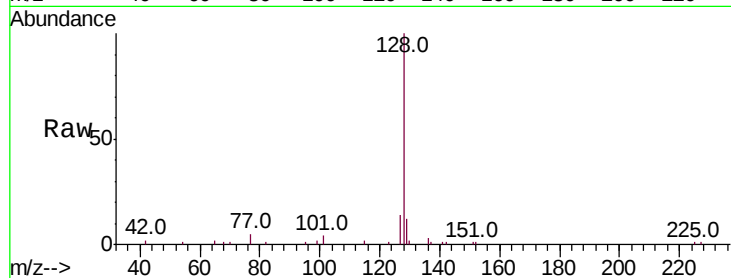
Tot Ion:128 Resp: 8322

Ion Ratio Lower Upper

128 100

129 12.5 10.8 16.2

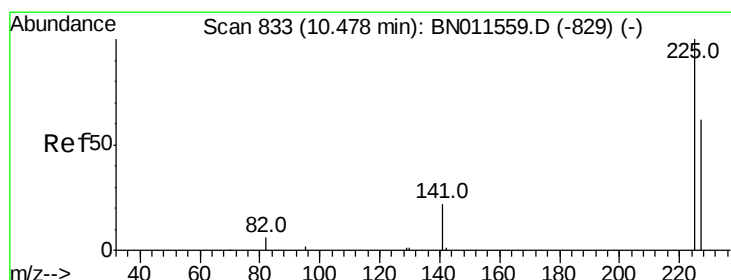
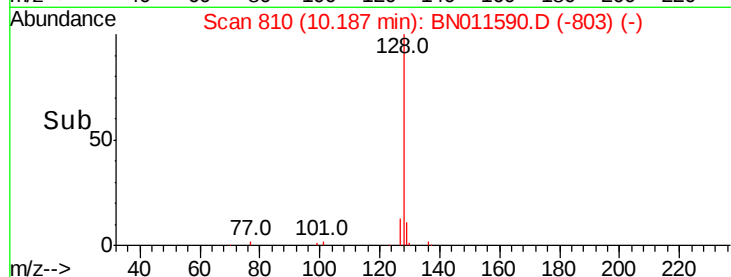
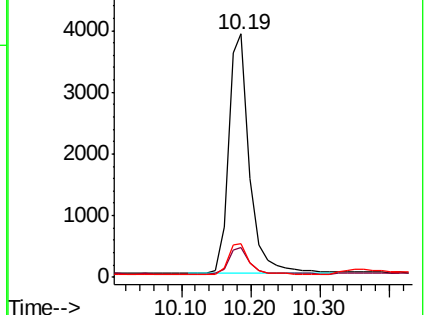
127 13.9 12.3 18.5



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: 0.251 ng

RT: 10.47 min Scan# 832

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

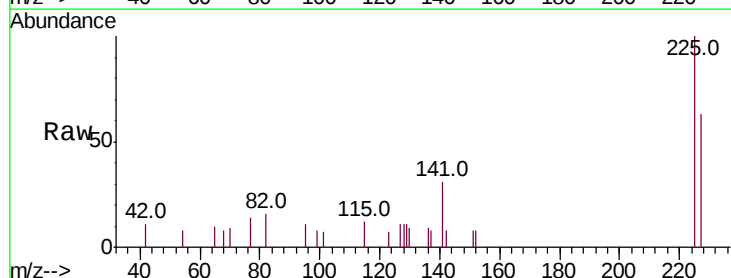
Tgt Ion:225 Resp: 1134

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

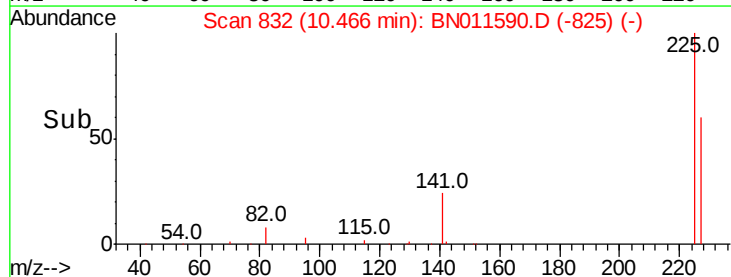
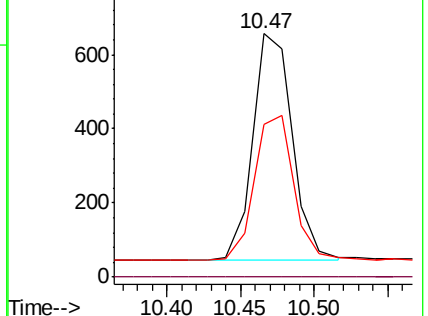
227 64.1 51.3 76.9

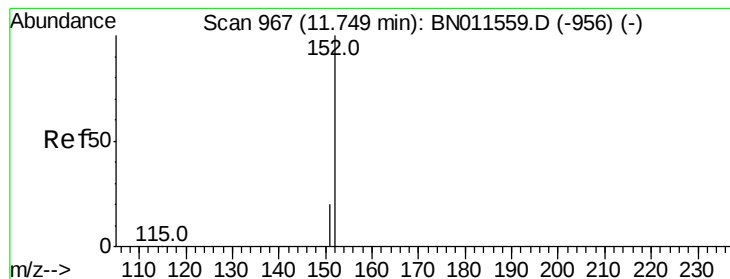


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

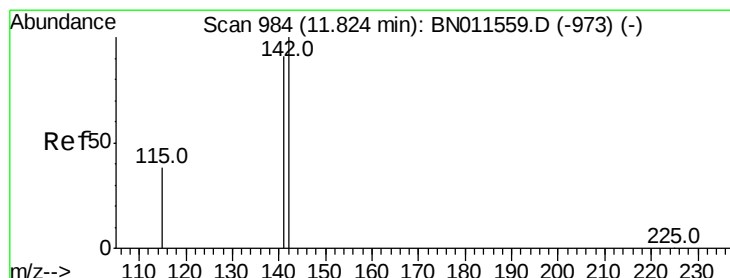
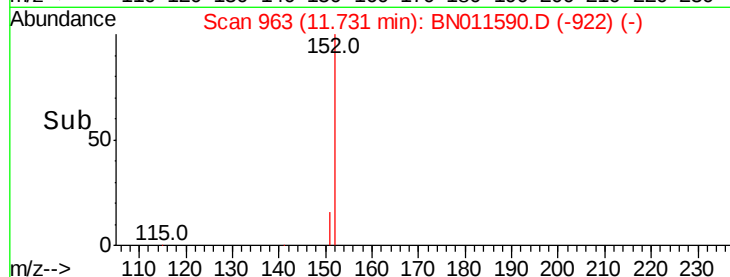
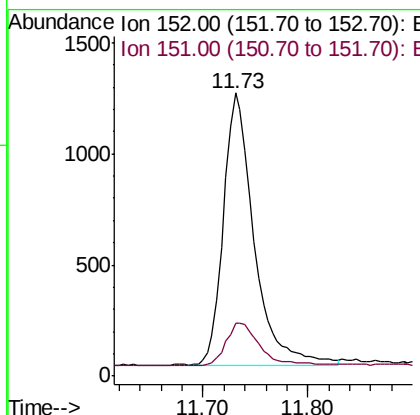
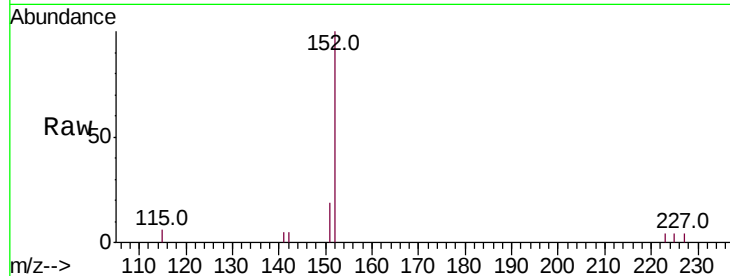




#11
 2-Methylnaphthalene-d10
 Concen: 0.248 ng
 RT: 11.73 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: BN011590.D
 Acq: 22 Aug 2020 16:56

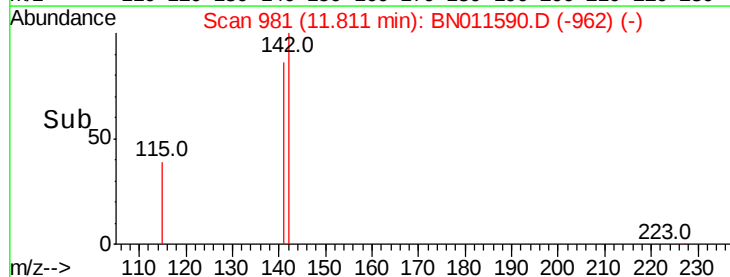
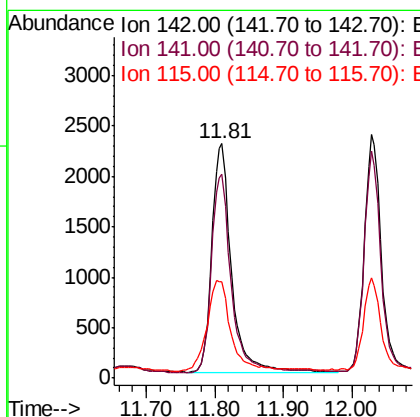
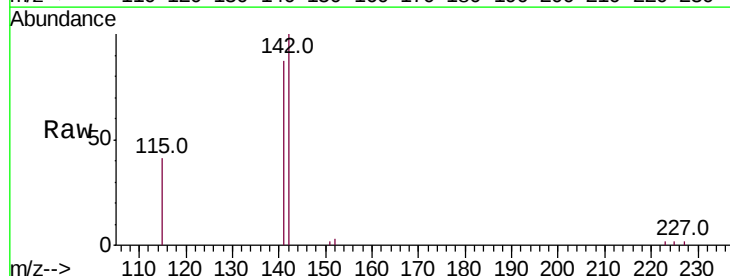
Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)MS

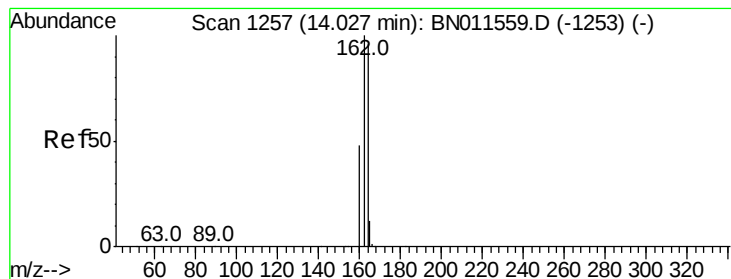
Tot Ion:152 Resp: 2466
 Ion Ratio Lower Upper
 152 100
 151 17.2 16.6 24.8



#12
 2-Methylnaphthalene
 Concen: 0.406 ng
 RT: 11.81 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BN011590.D
 Acq: 22 Aug 2020 16:56

Tgt Ion:142 Resp: 4507
 Ion Ratio Lower Upper
 142 100
 141 86.9 73.0 109.6
 115 41.2 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

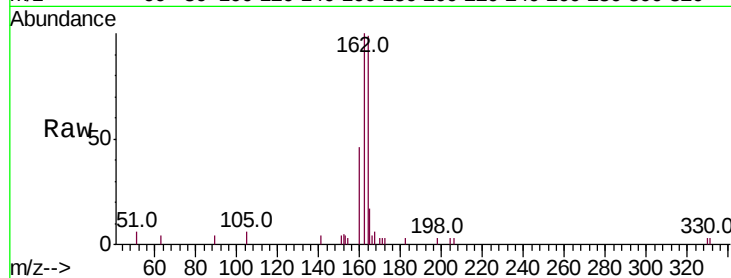
Tot Ion:164 Resp: 3005

Ion Ratio Lower Upper

164 100

162 101.2 83.7 125.5

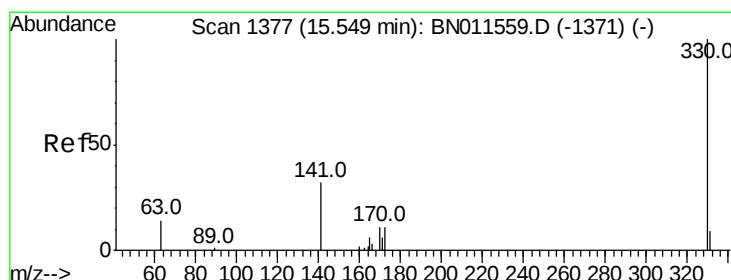
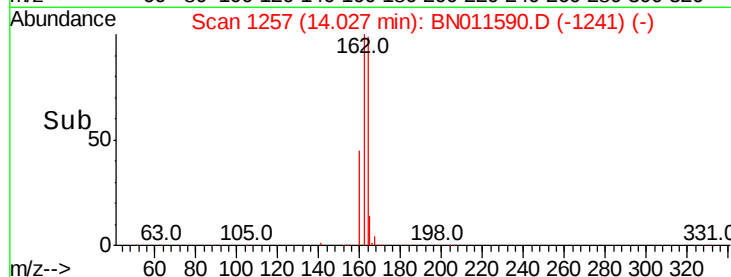
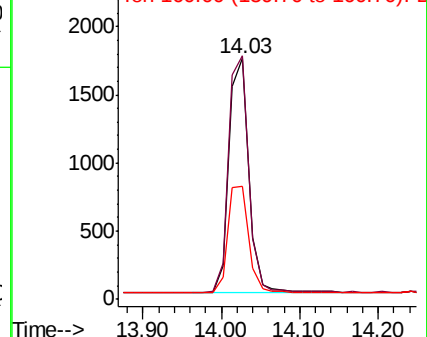
160 47.0 41.1 61.7



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: 0.265 ng

RT: 15.54 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

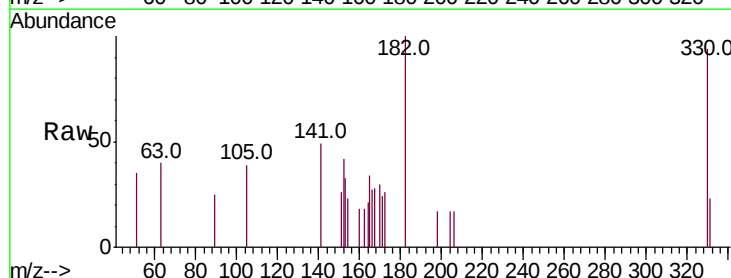
Tgt Ion:330 Resp: 397

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

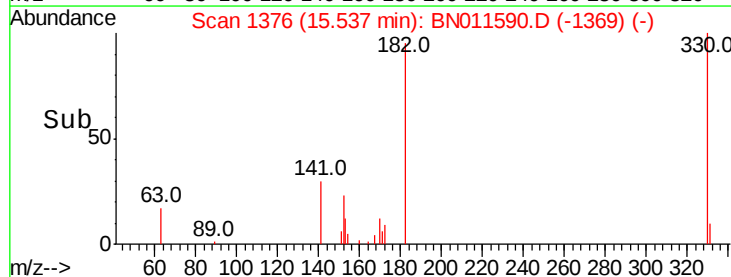
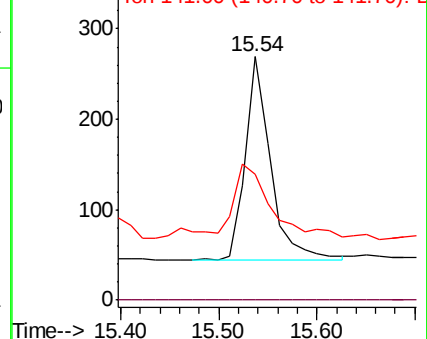
141 57.9 34.6 52.0#

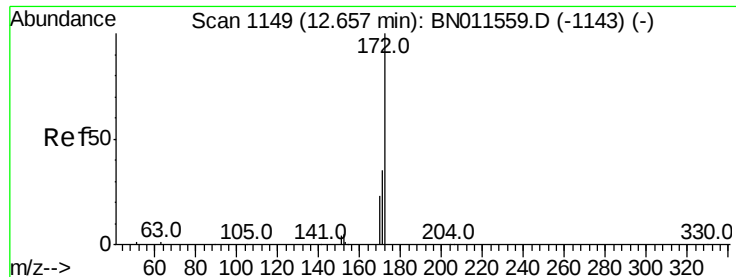


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

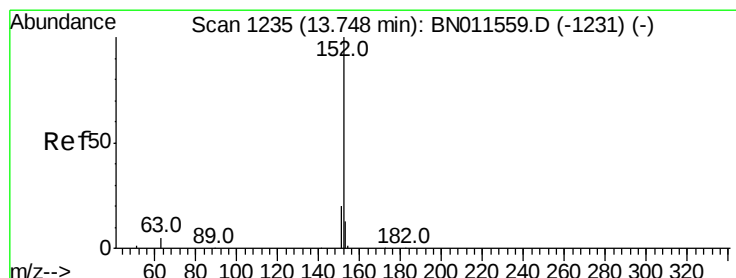
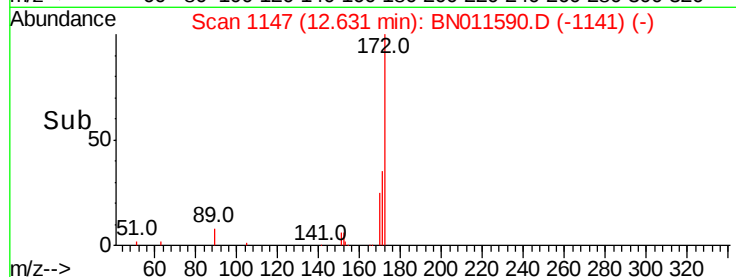
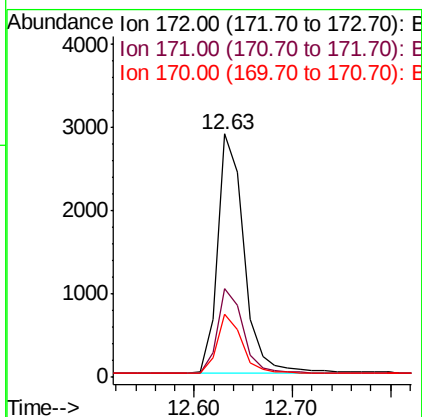
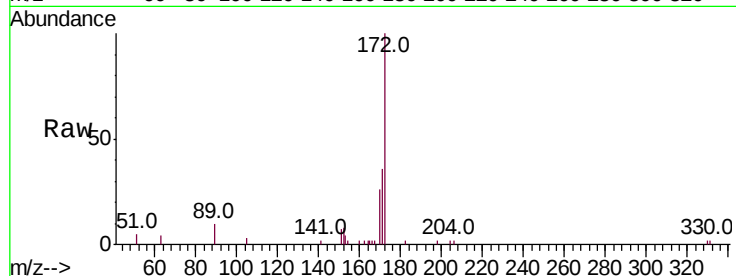




#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.63 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BN011590.D
Acq: 22 Aug 2020 16:56

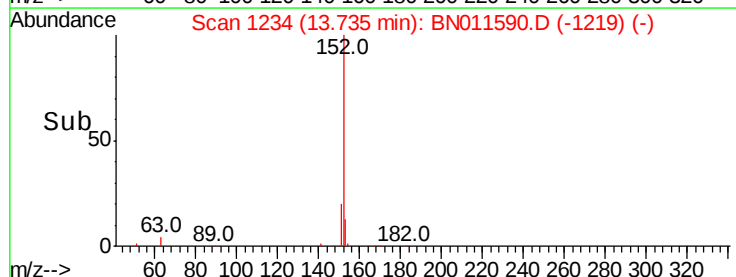
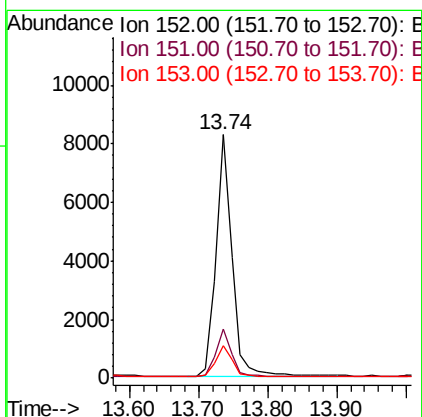
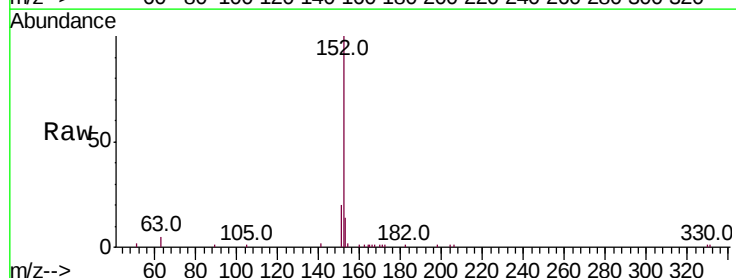
Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)MS

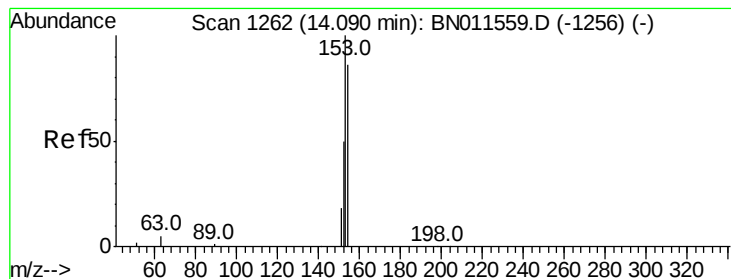
Tot Ion:172 Resp: 5419
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 25.9 20.1 30.1



#16
Acenaphthylene
Concen: 0.873 ng
RT: 13.74 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BN011590.D
Acq: 22 Aug 2020 16:56

Tgt Ion:152 Resp: 13350
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.323 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

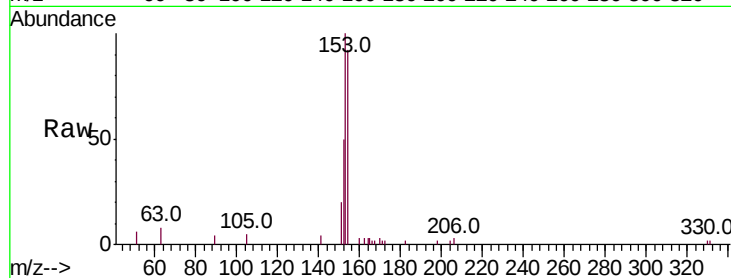
Tot Ion:154 Resp: 3240

Ion Ratio Lower Upper

154 100

153 113.1 91.8 137.8

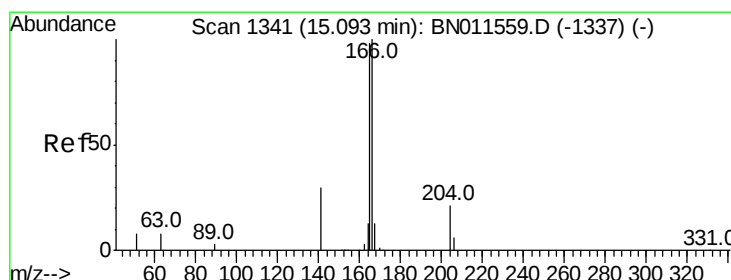
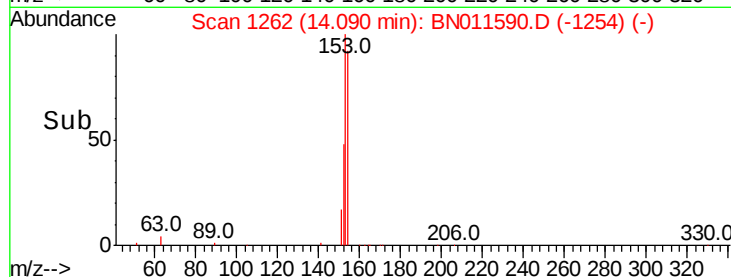
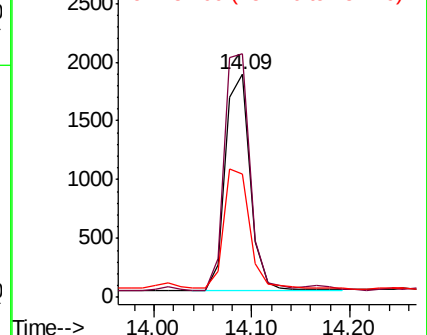
152 58.1 46.3 69.5



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: 0.400 ng

RT: 15.09 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

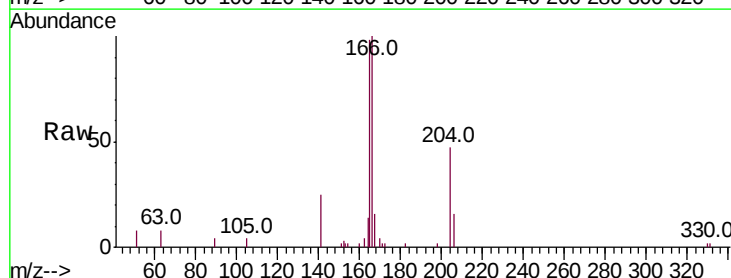
Tgt Ion:166 Resp: 5307

Ion Ratio Lower Upper

166 100

165 102.5 78.2 117.2

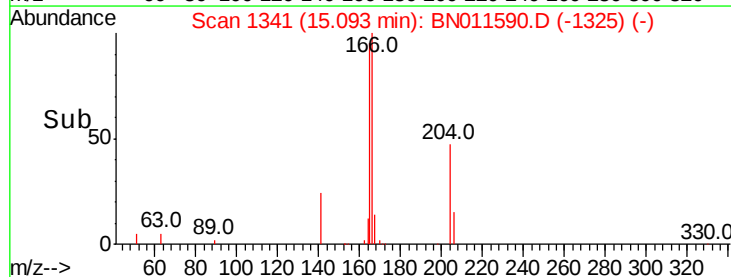
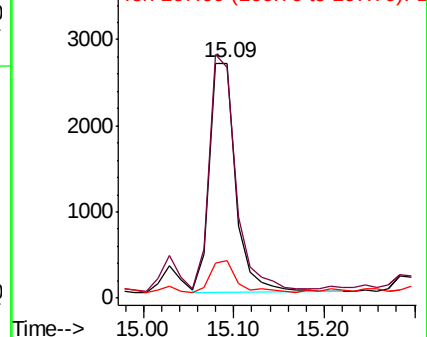
167 14.9 10.7 16.1

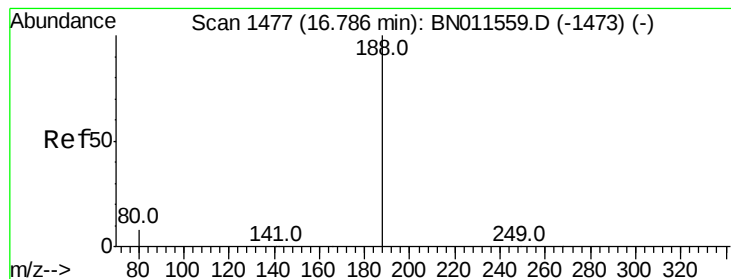


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.79 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

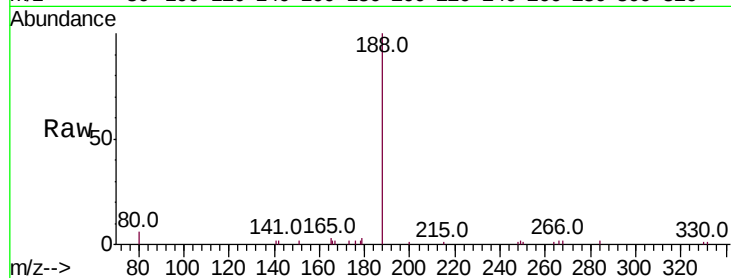
Tot Ion:188 Resp: 6198

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

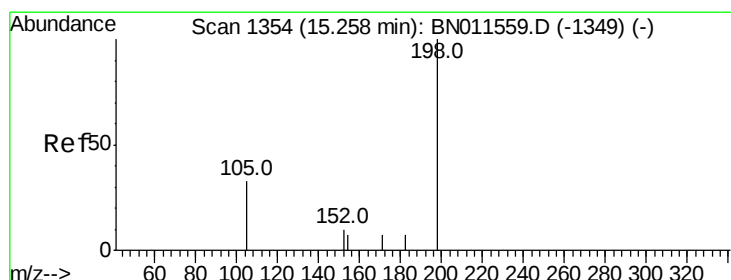
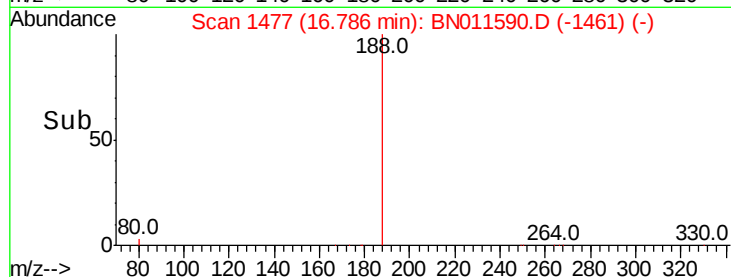
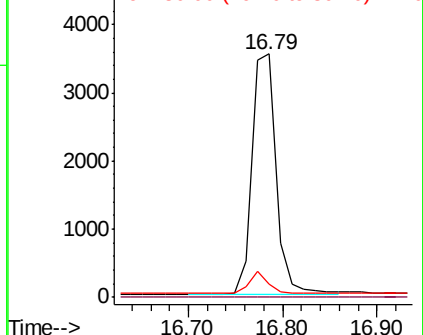
80 5.6 7.6 11.4#



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

4,6-Dinitro-2-methylphenol

Concen: 0.380 ng

RT: 15.21 min Scan# 1350

Delta R.T. -0.05 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

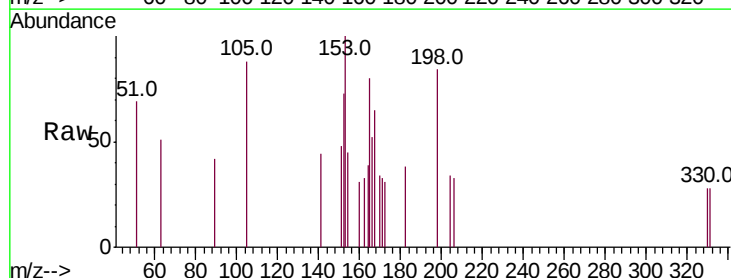
Tgt Ion:198 Resp: 253

Ion Ratio Lower Upper

198 100

51 82.5 89.4 134.2#

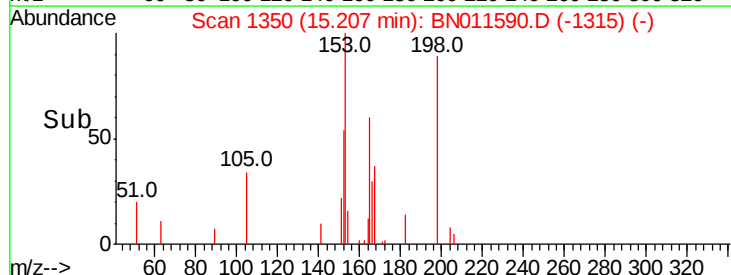
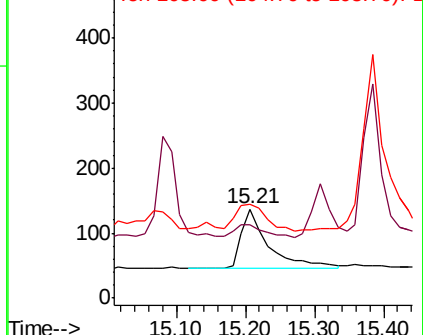
105 105.1 70.6 105.8

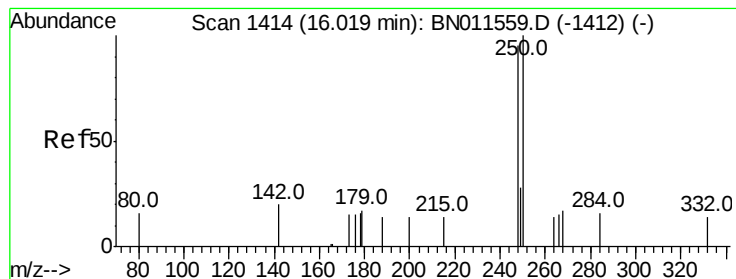


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.182 ng

RT: 16.02 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

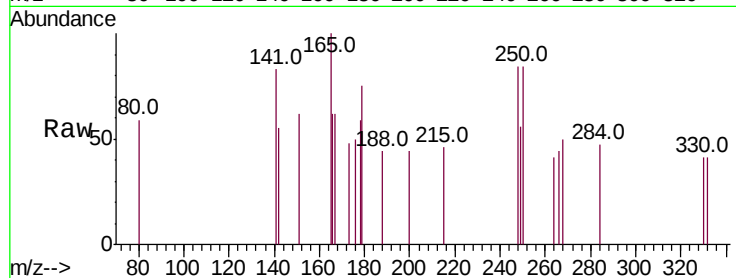
Tot Ion:248 Resp: 246

Ion Ratio Lower Upper

248 100

250 100.0 83.8 125.8

141 98.9 41.0 61.6#

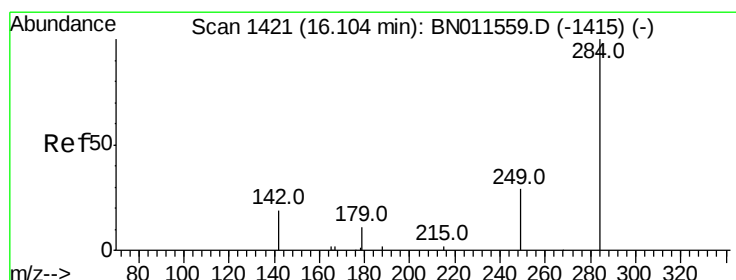
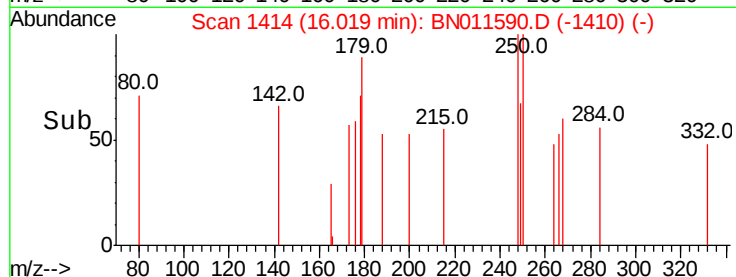
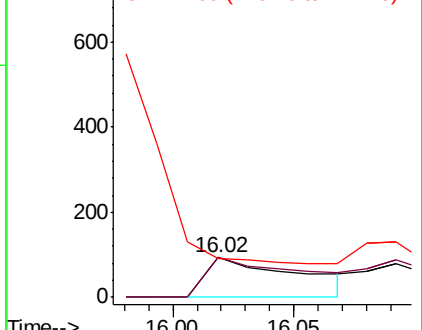


Abundance

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: 0.261 ng

RT: 16.09 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

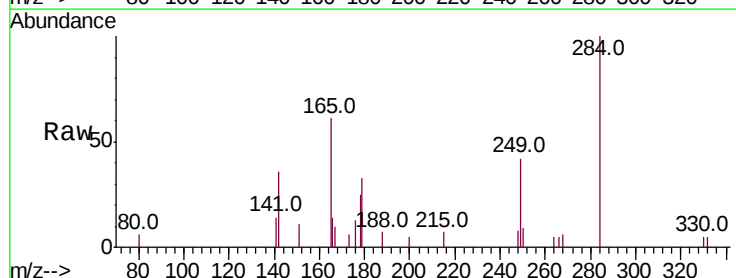
Tgt Ion:284 Resp: 1248

Ion Ratio Lower Upper

284 100

142 38.4 29.7 44.5

249 34.8 26.8 40.2

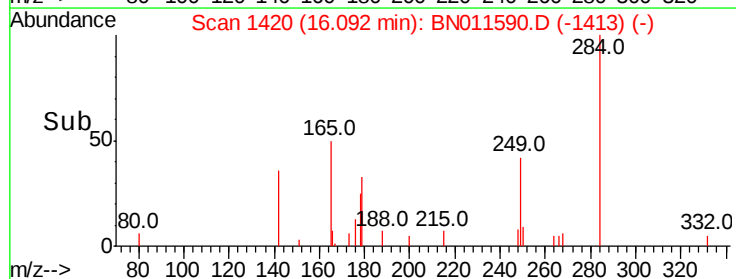
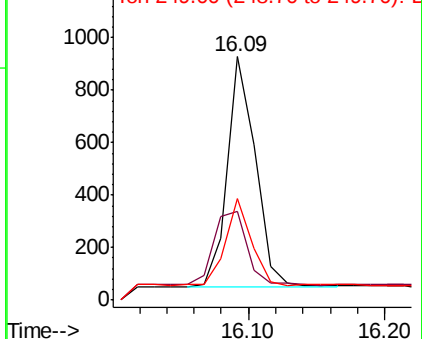


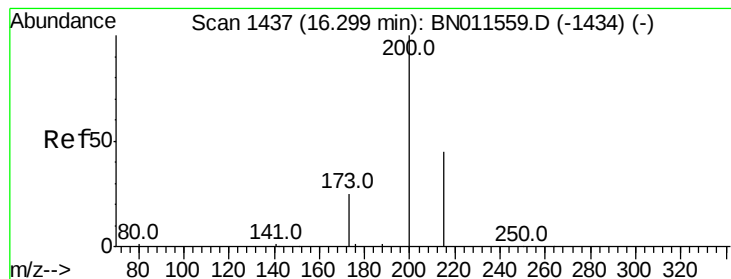
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.238 ng

RT: 16.29 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

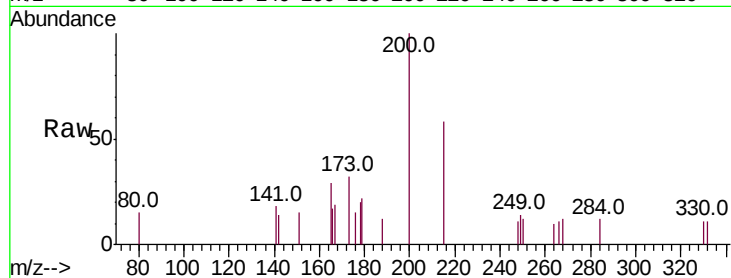
Tot Ion:200 Resp: 768

Ion Ratio Lower Upper

200 100

173 31.7 27.7 41.5

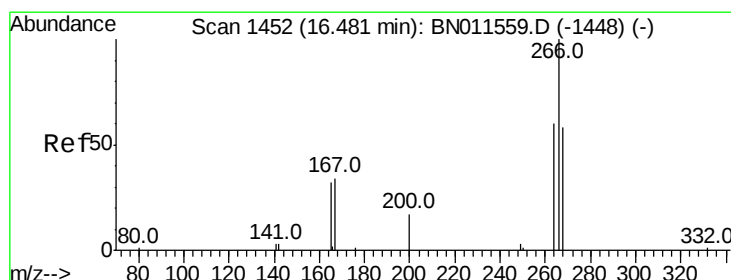
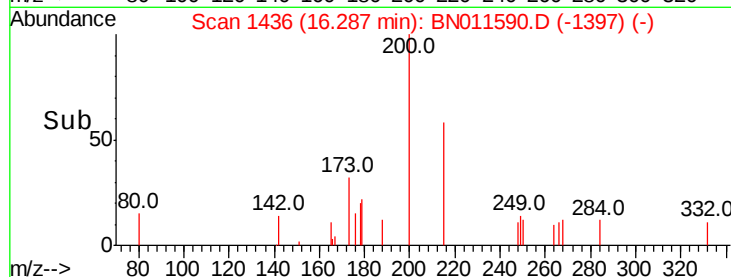
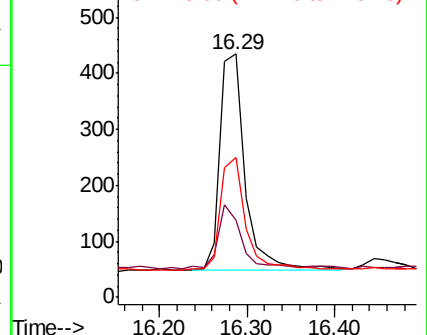
215 57.7 41.5 62.3



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: 0.155 ng

RT: 16.46 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

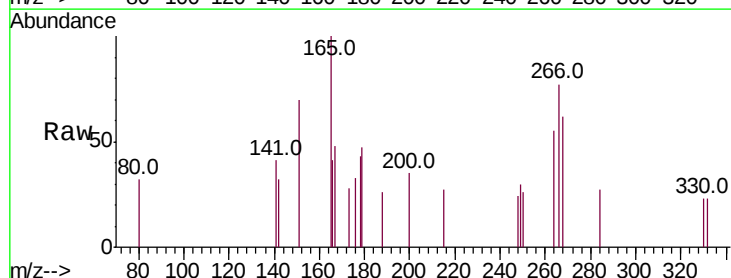
Tgt Ion:266 Resp: 231

Ion Ratio Lower Upper

266 100

264 62.8 48.7 73.1

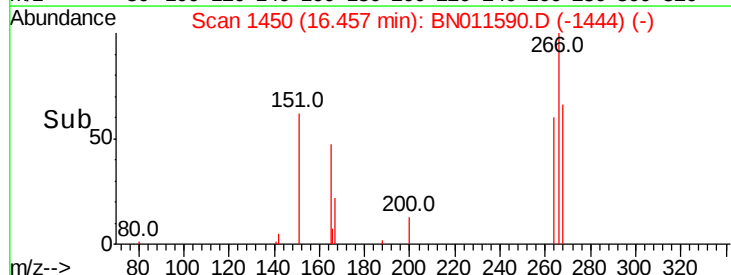
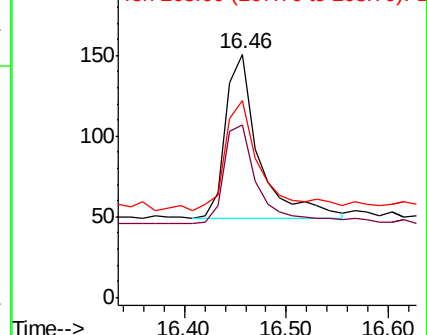
268 70.1 51.0 76.6

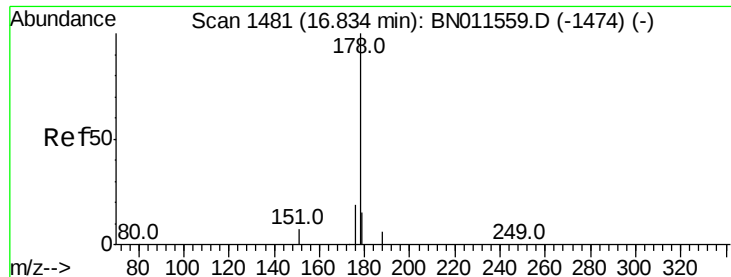


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 2.454 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

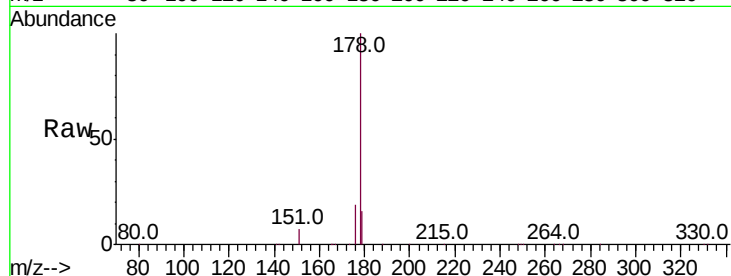
Tot Ion:178 Resp: 47886

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

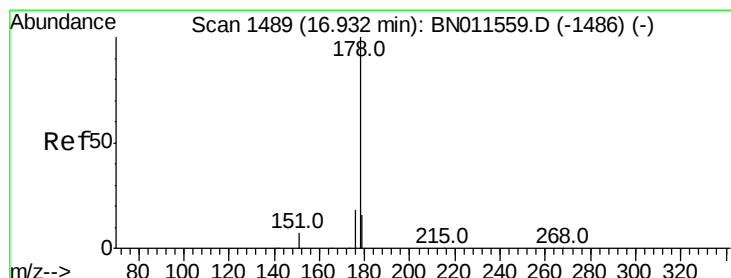
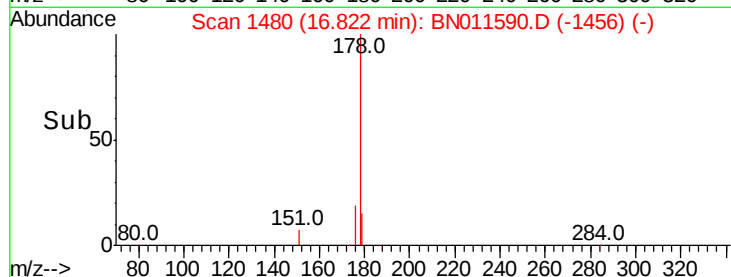
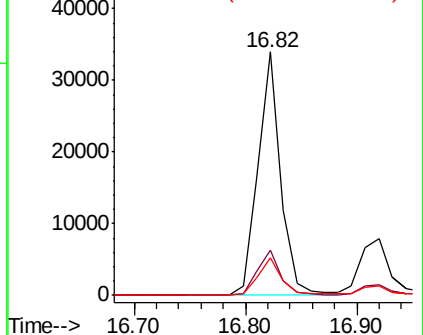
179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.859 ng

RT: 16.92 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

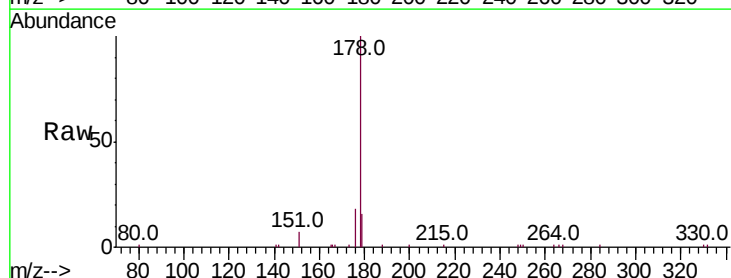
Tgt Ion:178 Resp: 13975

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

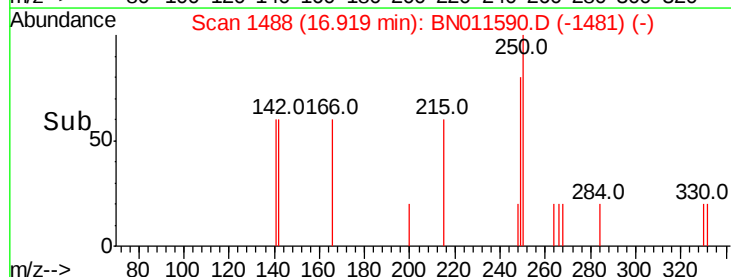
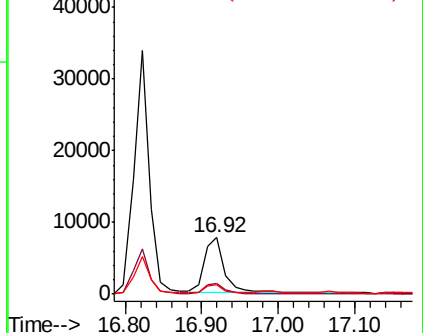
179 13.8 12.9 19.3

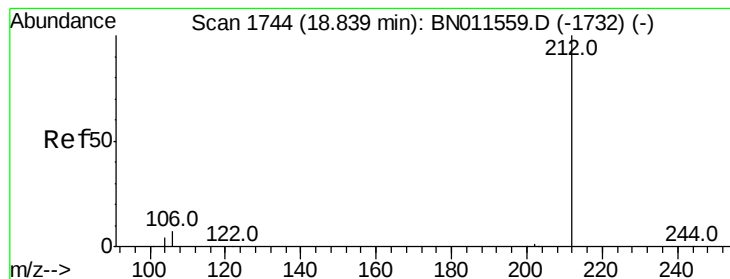


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.227 ng

RT: 18.82 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

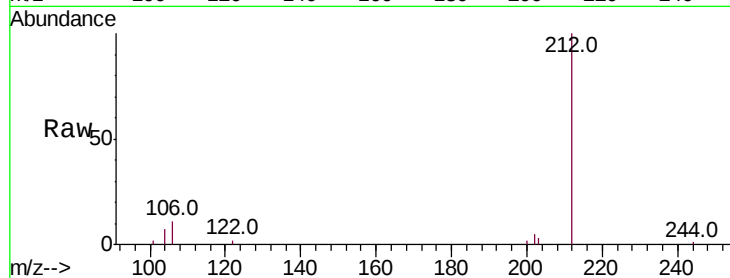
Tot Ion:212 Resp: 4746

Ion Ratio Lower Upper

212 100

106 8.8 6.2 9.2

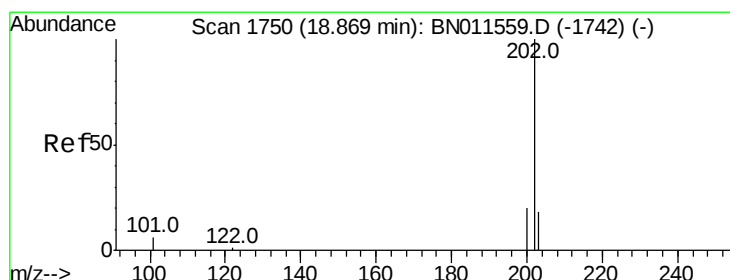
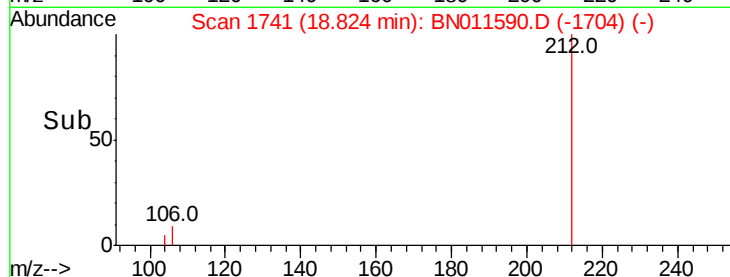
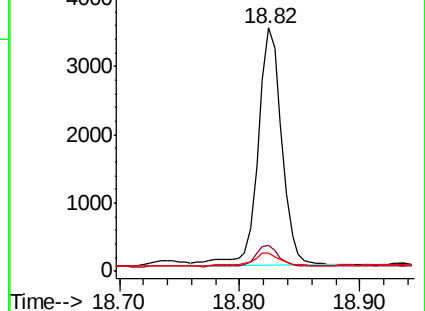
104 6.4 3.8 5.6#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#28

Fluoranthene

Concen: 4.526 ng

RT: 18.85 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

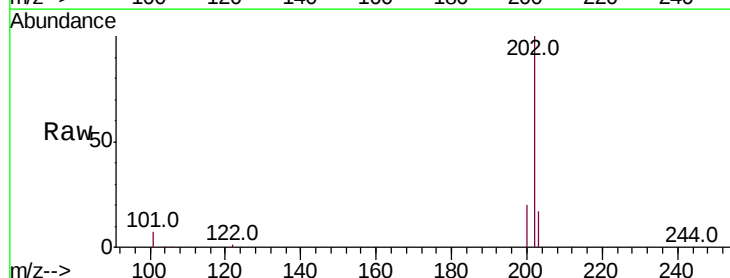
Tgt Ion:202 Resp: 113599

Ion Ratio Lower Upper

202 100

101 7.2 5.2 7.8

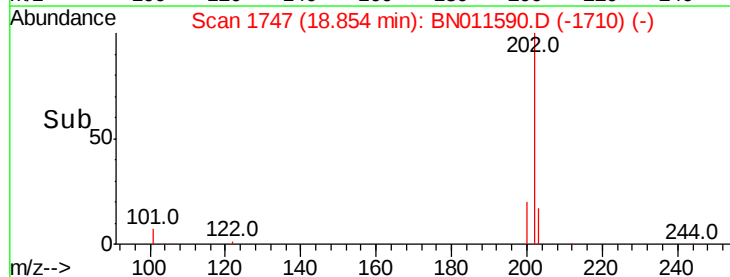
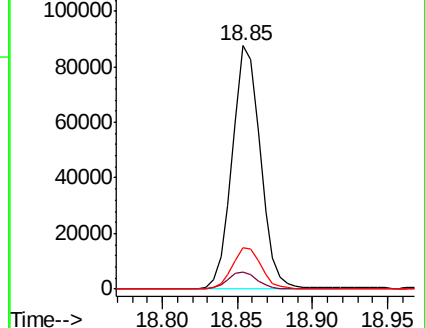
203 17.4 13.6 20.4

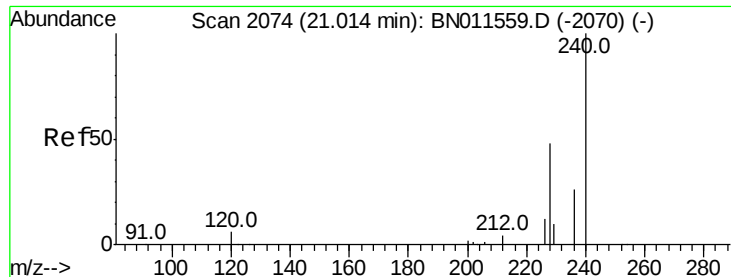


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

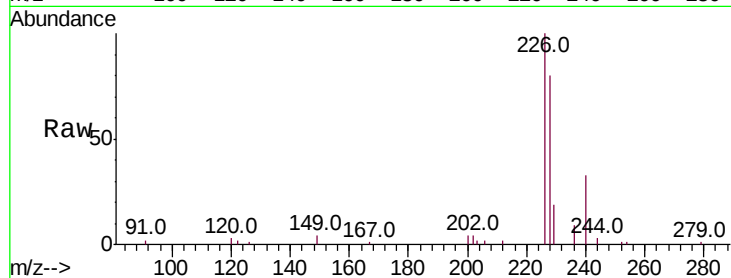
Tot Ion:240 Resp: 5971

Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

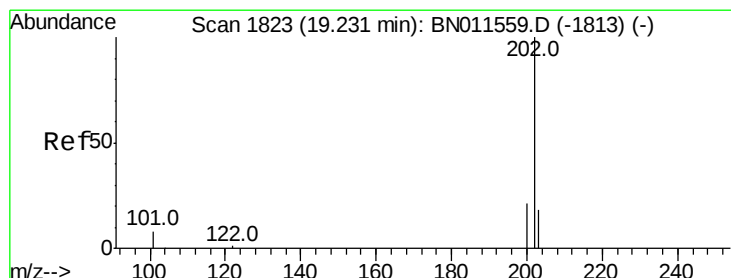
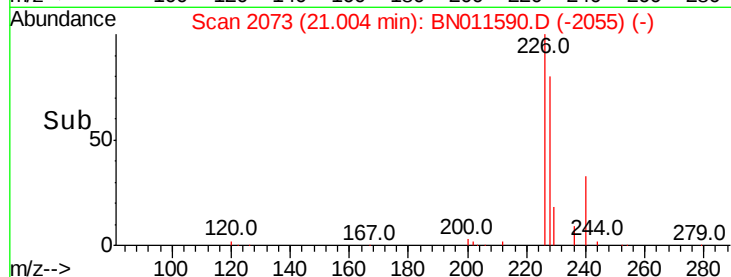
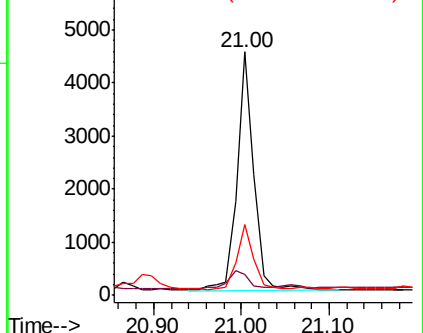
236 29.1 22.3 33.5



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



#30

Pyrene

Concen: 6.028 ng

RT: 19.22 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

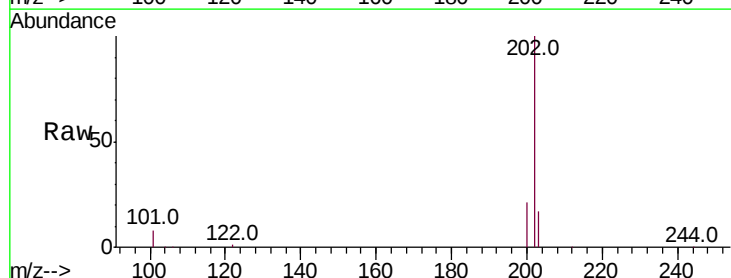
Tgt Ion:202 Resp: 143165

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

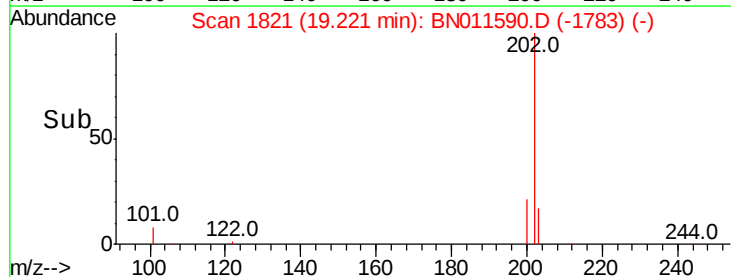
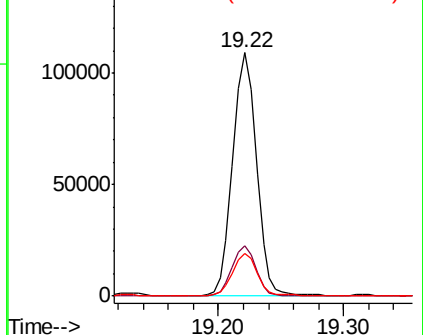
203 18.2 14.2 21.2

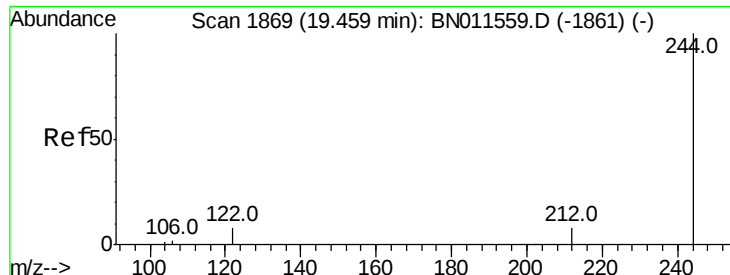


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.466 ng

RT: 19.45 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

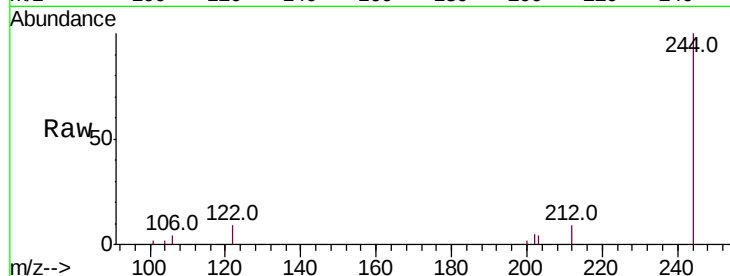
Tot Ion:244 Resp: 7264

Ion Ratio Lower Upper

244 100

212 9.0 8.2 12.4

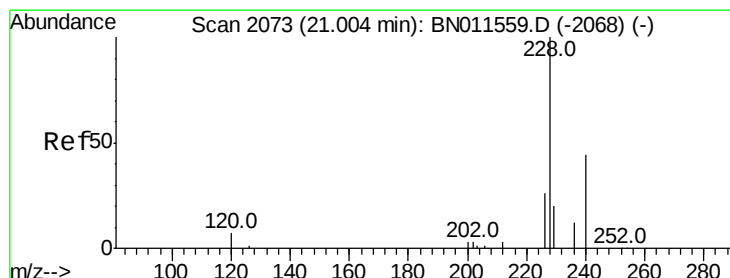
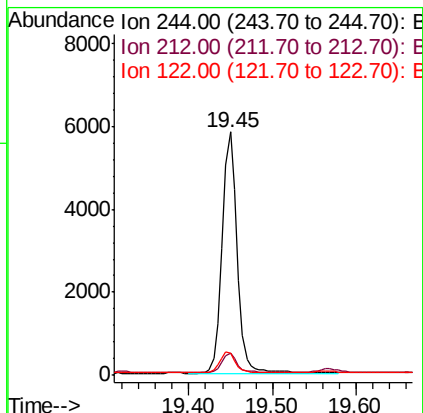
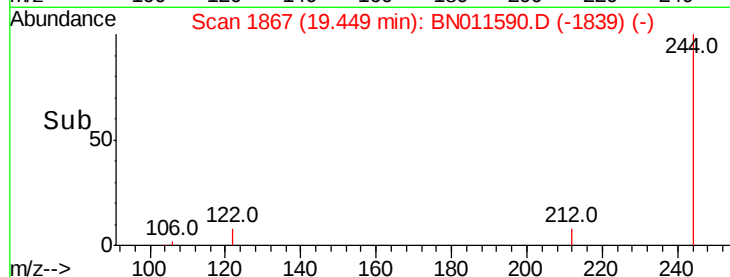
122 9.1 8.0 12.0



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: 3.157 ng

RT: 21.04 min Scan# 2076

Delta R.T. 0.03 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

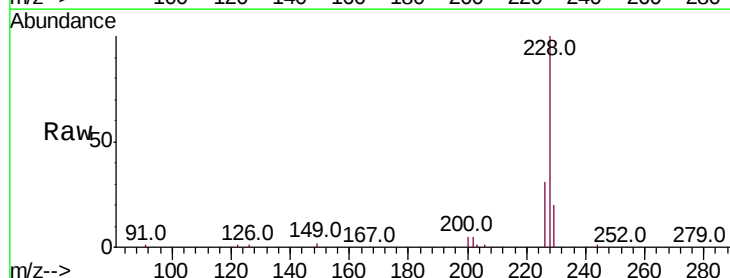
Tgt Ion:228 Resp: 61918

Ion Ratio Lower Upper

228 100

226 31.5 22.2 33.2

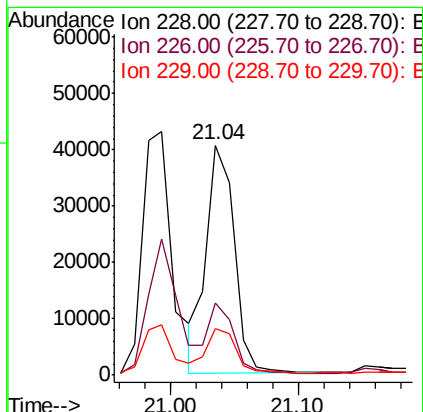
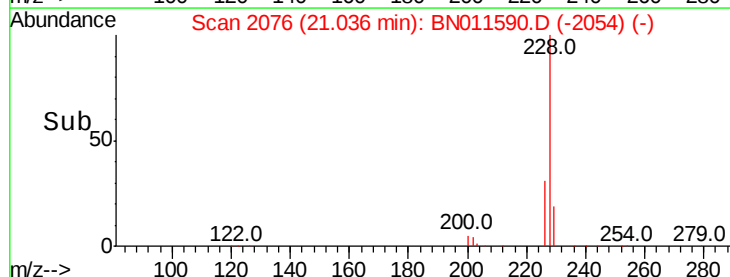
229 20.0 16.9 25.3

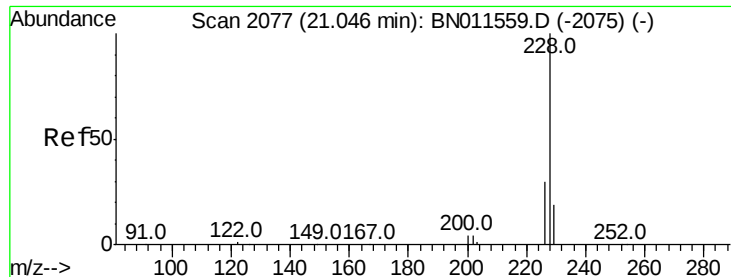


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

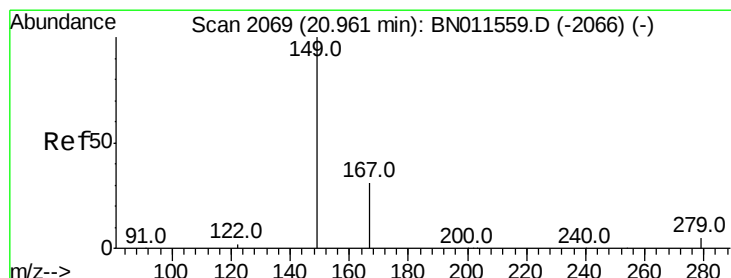
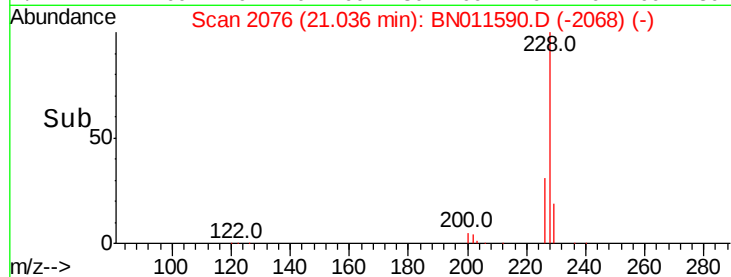
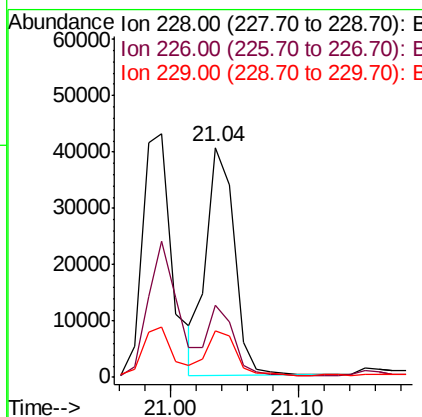
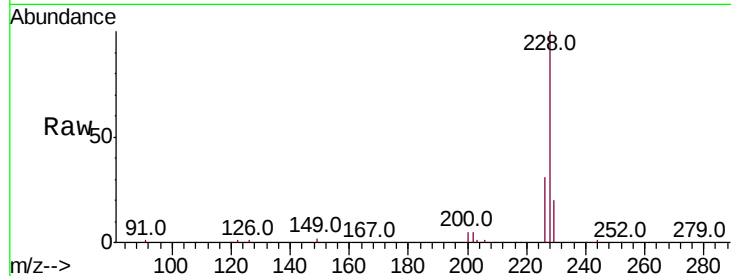




#33
 Chrysene
 Concen: 2.765 ng
 RT: 21.04 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BN011590.D
 Acq: 22 Aug 2020 16:56

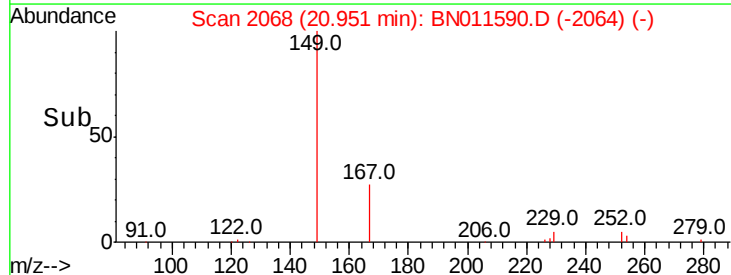
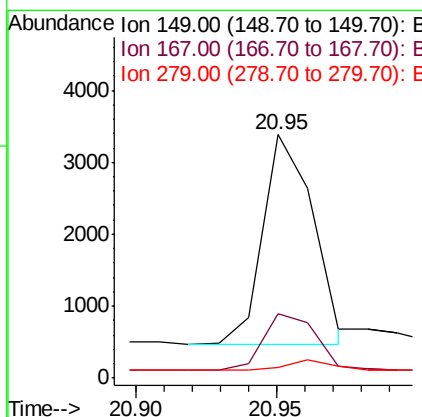
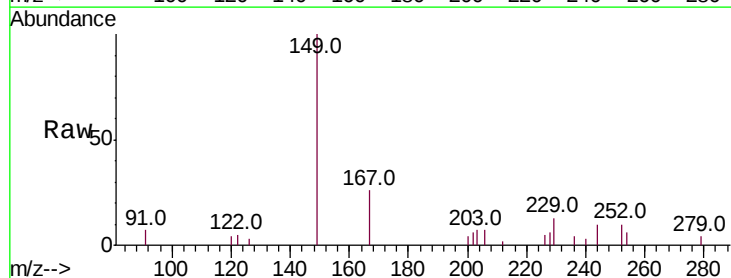
Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)MS

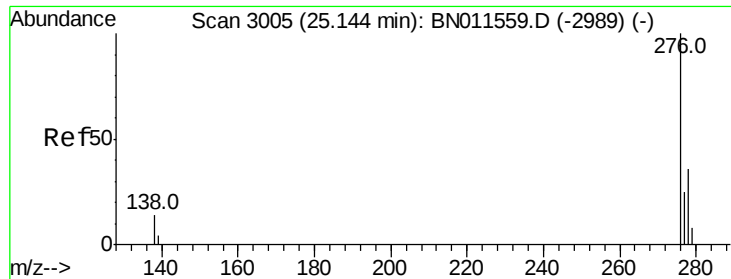
Tot Ion:228 Resp: 61693
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.5 36.7
 229 20.0 16.2 24.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.405 ng
 RT: 20.95 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BN011590.D
 Acq: 22 Aug 2020 16:56

Tgt Ion:149 Resp: 3609
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.8 34.2
 279 5.2 4.2 6.2





#35

Indeno(1,2,3-cd)pyrene

Concen: 3.667 ng

RT: 25.12 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

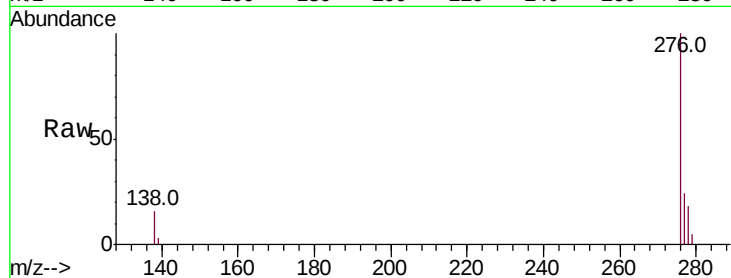
Tot Ion:276 Resp: 74308

Ion Ratio Lower Upper

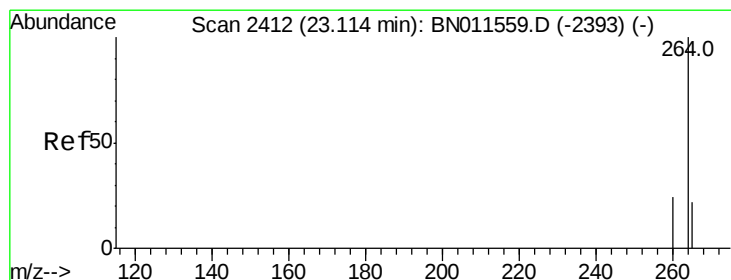
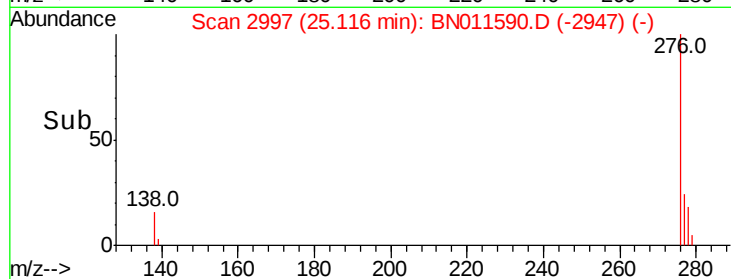
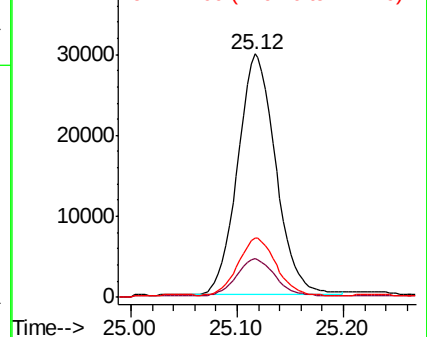
276 100

138 15.6 11.6 17.4

277 23.4 18.2 27.4



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2407

Delta R.T. -0.02 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

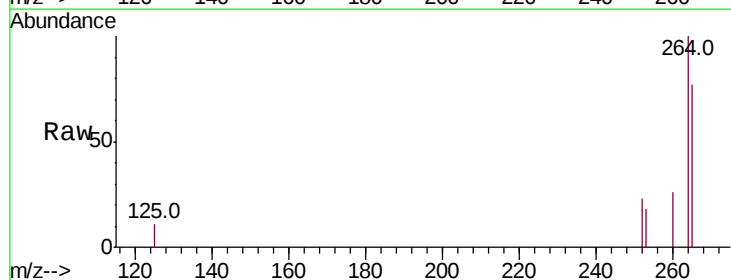
Tgt Ion:264 Resp: 6140

Ion Ratio Lower Upper

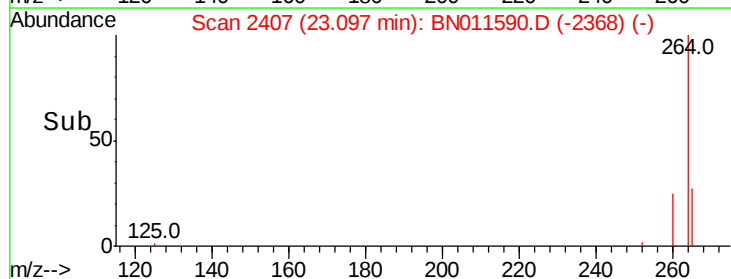
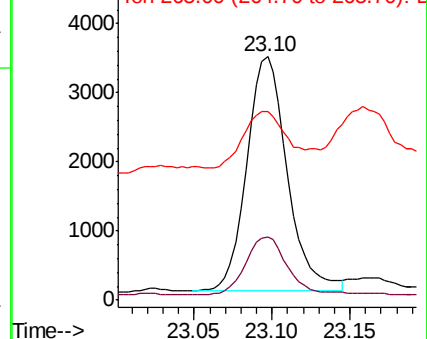
264 100

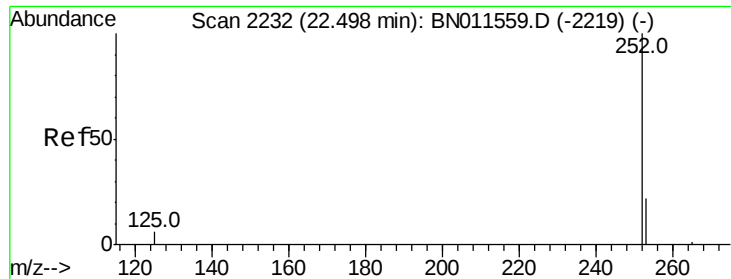
260 26.2 20.3 30.5

265 77.4 96.1 144.1#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.590 ng

RT: 22.64 min Scan# 2274

Delta R.T. 0.14 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

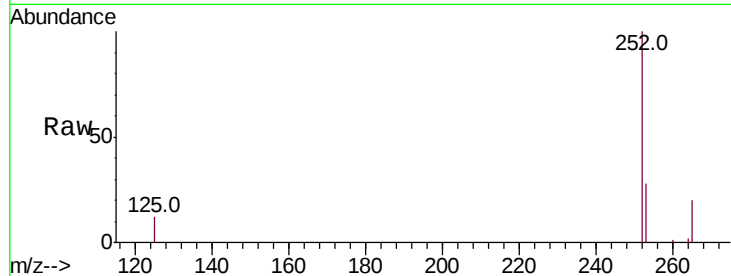
Tot Ion:252 Resp: 13386

Ion Ratio Lower Upper

252 100

253 27.8 25.5 38.3

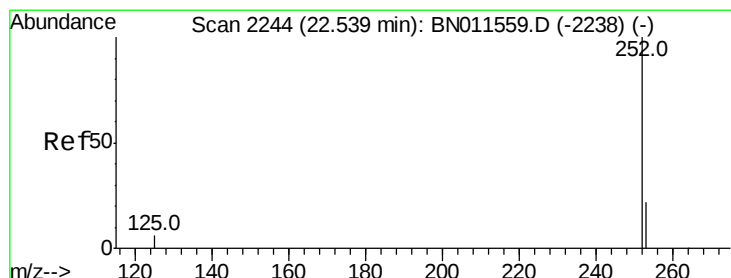
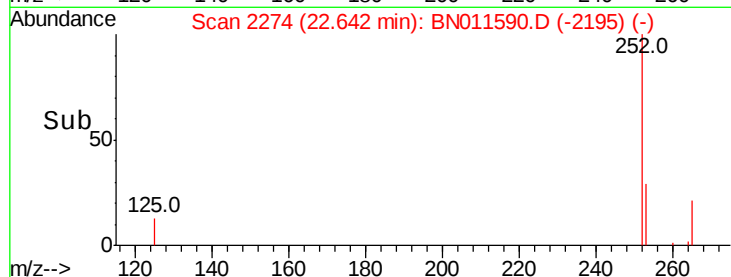
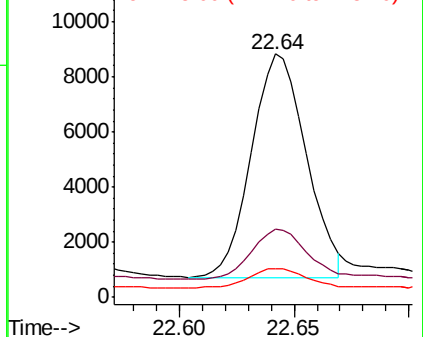
125 11.9 10.2 15.4



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: 0.575 ng

RT: 22.64 min Scan# 2274

Delta R.T. 0.10 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

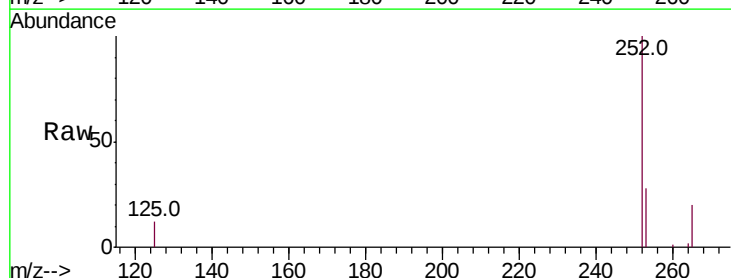
Tgt Ion:252 Resp: 15543

Ion Ratio Lower Upper

252 100

253 27.8 25.8 38.6

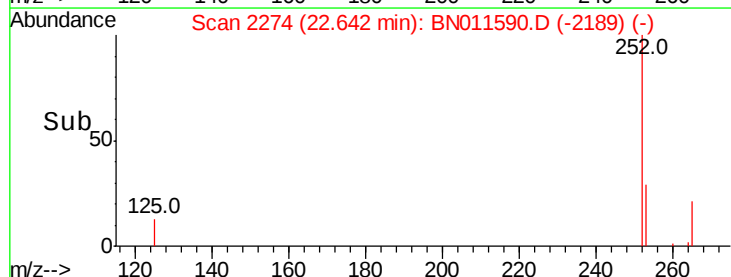
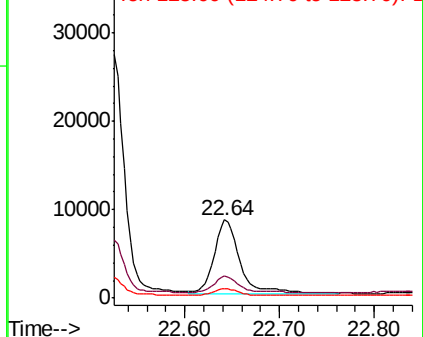
125 11.9 10.8 16.2

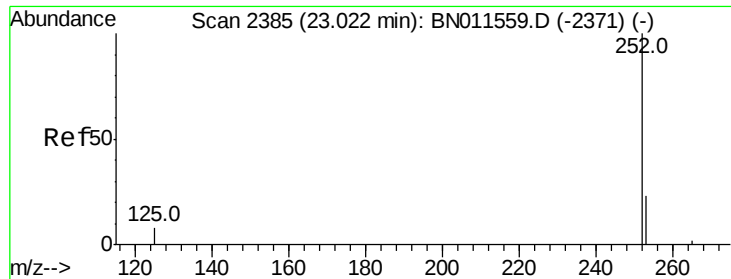


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 3.588 ng

RT: 23.01 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

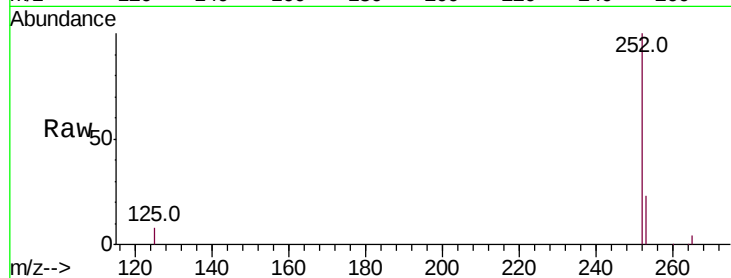
Tot Ion:252 Resp: 75363

Ion Ratio Lower Upper

252 100

253 23.0 31.8 47.8#

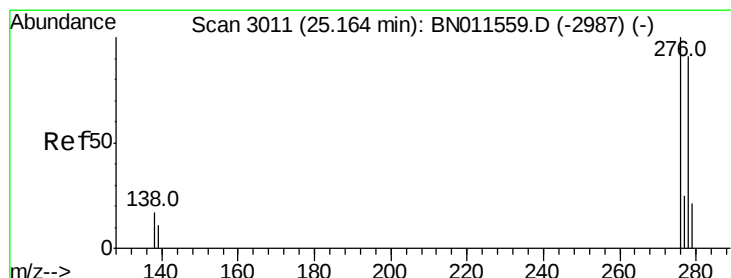
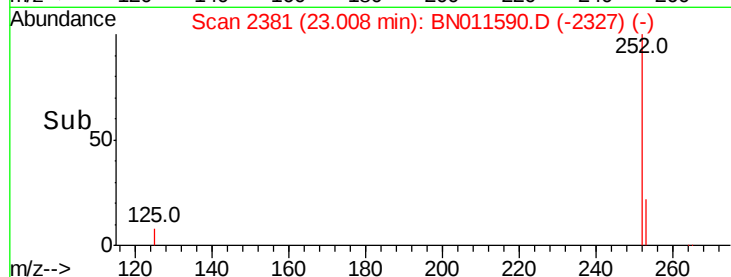
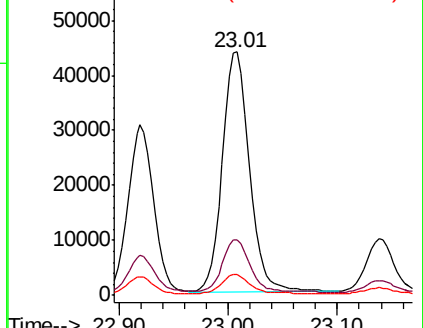
125 8.4 15.4 23.0#



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



#40

Dibenzo(a,h)anthracene

Concen: 0.206 ng

RT: 25.23 min Scan# 3029

Delta R.T. 0.06 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

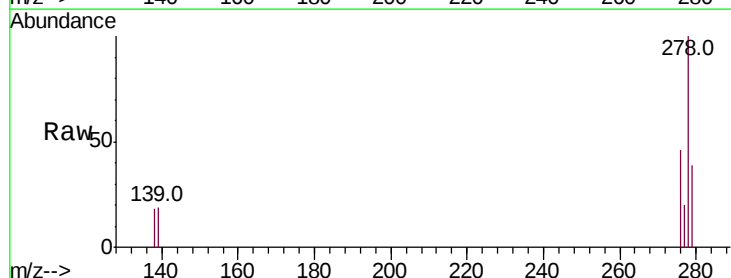
Tgt Ion:278 Resp: 3619

Ion Ratio Lower Upper

278 100

139 19.0 14.0 21.0

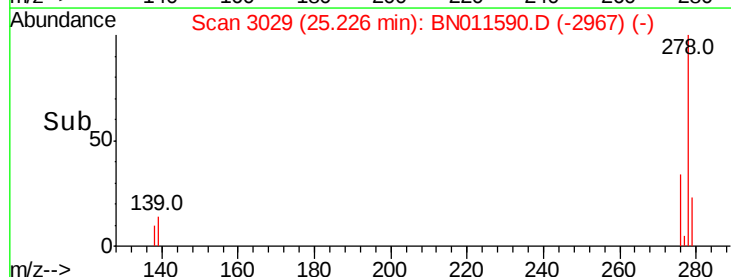
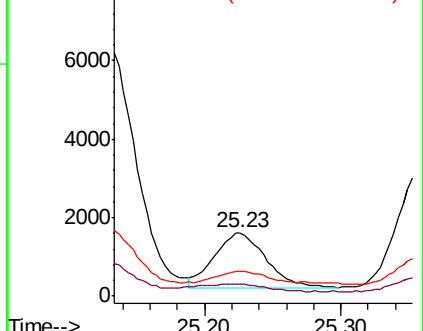
279 39.0 32.4 48.6

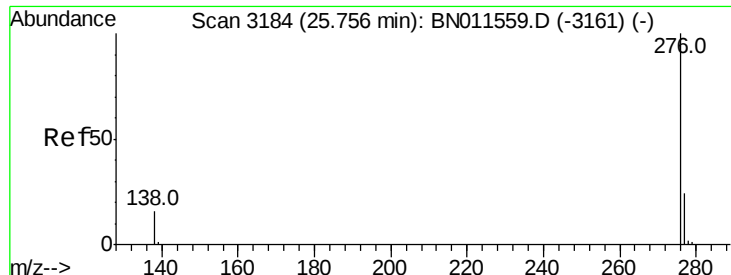


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.376 ng

RT: 25.73 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BN011590.D

Acq: 22 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MS

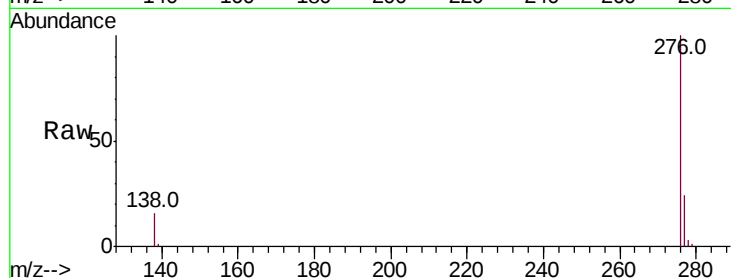
Tot Ion:276 Resp: 91657

Ion Ratio Lower Upper

276 100

277 24.0 22.1 33.1

138 16.4 15.4 23.2



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

