

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011578.D
 Acq On : 22 Aug 2020 09:05
 Operator : CG/JU
 Sample : L3768-05MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-3MS

Quant Time: Aug 24 01:23:12 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	1531	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	5218	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	2840	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	6043	0.40	ng	0.00
29) Chrysene-d12	21.01	240	4663	0.40	ng	0.00
36) Perylene-d12	23.11	264	5992	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1321	0.40	ng	0.00
5) Phenol-d6	6.62	99	1282	0.39	ng	0.00
8) Nitrobenzene-d5	8.54	82	1806	0.53	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	2379	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	466	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	6043	0.52	ng	-0.01
27) Fluoranthene-d10	18.83	212	4813	0.24	ng	0.00
31) Terphenyl-d14	19.45	244	7073	0.58	ng	0.00

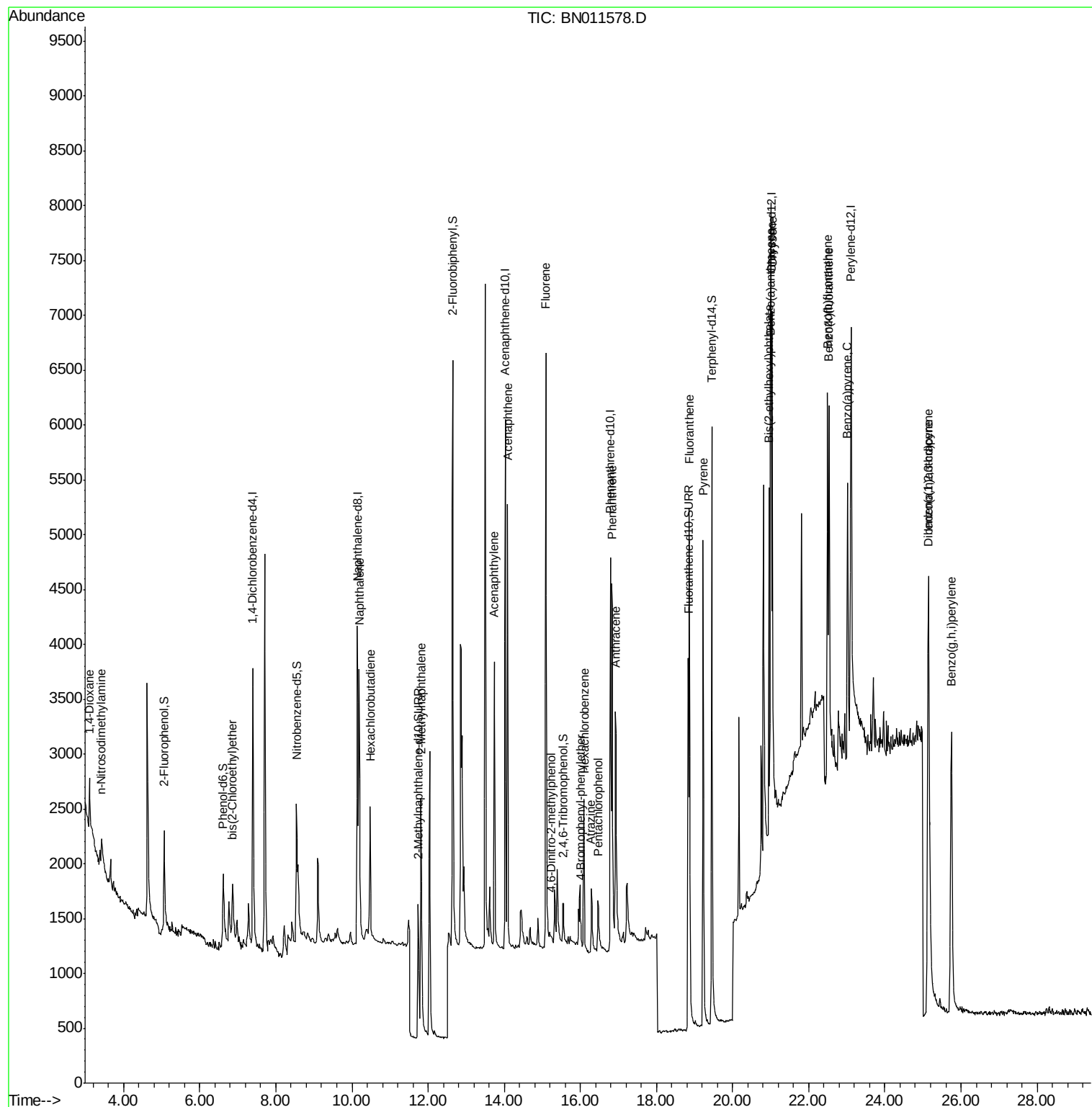
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	413	0.197	ng	# 100
3) n-Nitrosodimethylamine	3.42	42	346	0.401	ng	# 57
6) bis(2-Chloroethyl)ether	6.87	93	868	0.269	ng	93
9) Naphthalene	10.19	128	3785	0.250	ng	100
10) Hexachlorobutadiene	10.48	225	1013	0.239	ng	# 99
12) 2-Methylnaphthalene	11.82	142	2273	0.218	ng	97
16) Acenaphthylene	13.74	152	3399	0.235	ng	99
17) Acenaphthene	14.09	154	2174	0.229	ng	99
18) Fluorene	15.09	166	2927	0.233	ng	99
20) 4,6-Dinitro-2-methylphenol	15.23	198	115	0.271	ng	# 76
21) 4-Bromophenyl-phenylether	16.02	248	326	0.247	ng	# 92
22) Hexachlorobenzene	16.10	284	1145	0.246	ng	97
23) Atrazine	16.29	200	659	0.210	ng	96
24) Pentachlorophenol	16.46	266	427	0.294	ng	98
25) Phenanthrene	16.82	178	4436	0.233	ng	100
26) Anthracene	16.92	178	3521	0.222	ng	98
28) Fluoranthene	18.86	202	4914	0.201	ng	99
30) Pyrene	19.23	202	4995	0.269	ng	100
32) Benzo(a)anthracene	20.99	228	3858	0.252	ng	99
33) Chrysene	21.05	228	4374	0.251	ng	99
34) Bis(2-ethylhexyl)phthalate	20.96	149	3043	0.437	ng	100
35) Indeno(1,2,3-cd)pyrene	25.13	276	6149	0.389	ng	98
37) Benzo(b)fluoranthene	22.49	252	4468	0.202	ng	# 94
38) Benzo(k)fluoranthene	22.54	252	4842	0.183	ng	# 94
39) Benzo(a)pyrene	23.01	252	4210	0.205	ng	# 95
40) Dibenzo(a,h)anthracene	25.15	278	5006	0.292	ng	93
41) Benzo(g,h,i)perylene	25.75	276	5971	0.292	ng	99

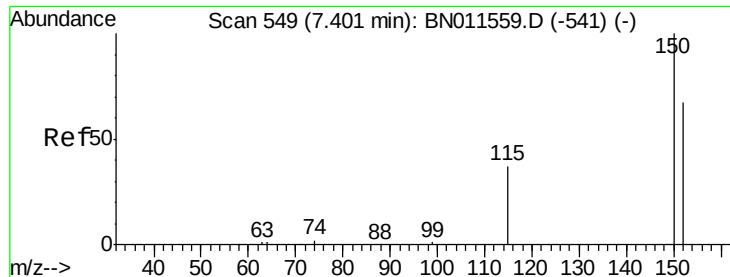
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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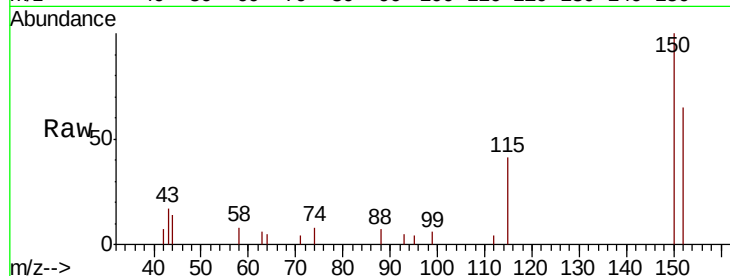


#1

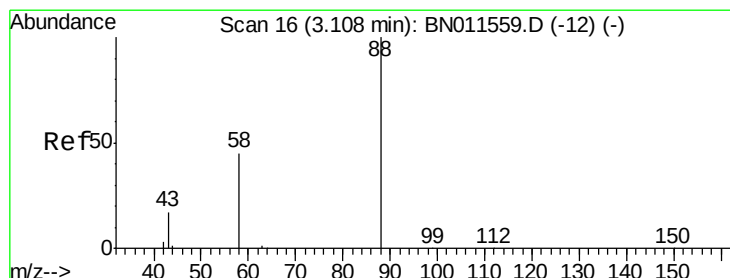
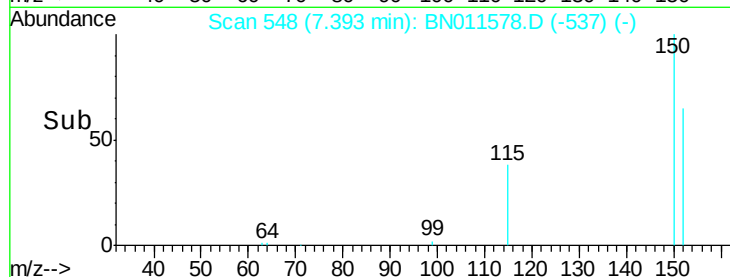
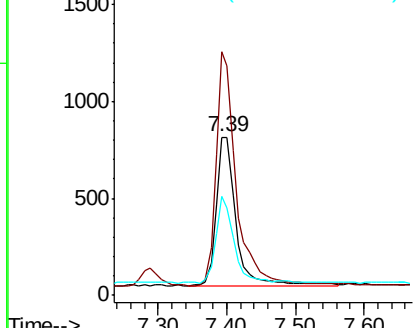
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 548
Delta R.T. -0.01 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

Instrument :
BNA_N
ClientSampleId :
CS-3MS

Tot Ion:152 Resp: 1531
Ion Ratio Lower Upper
152 100
150 153.7 117.1 175.7
115 62.4 48.7 73.1



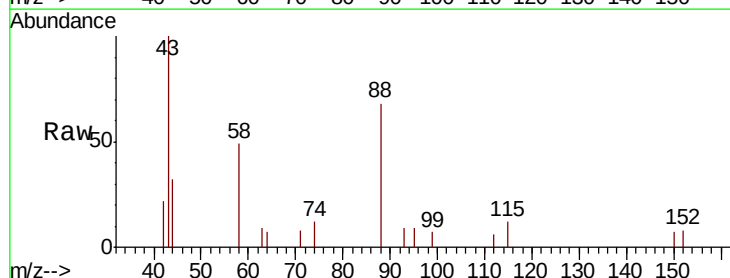
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



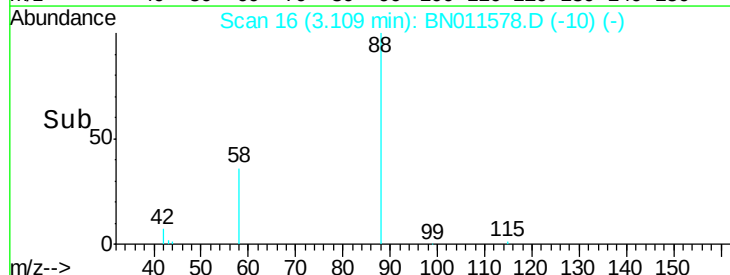
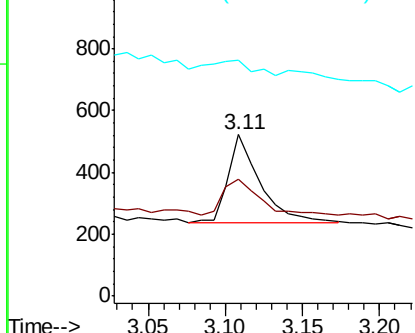
#2

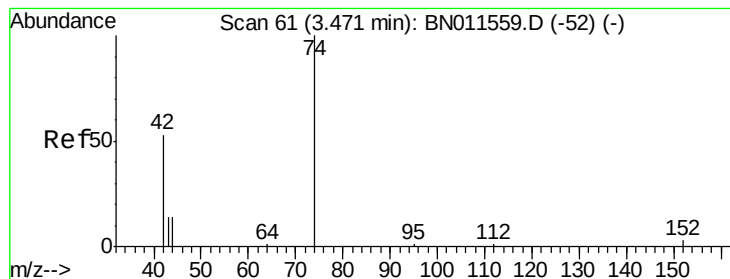
1,4-Dioxane
Concen: 0.197 ng
RT: 3.11 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

Tgt Ion: 88 Resp: 413
Ion Ratio Lower Upper
88 100
58 44.1 0.0 0.0#
43 18.9 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.401 ng

RT: 3.42 min Scan# 55

Delta R.T. -0.05 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

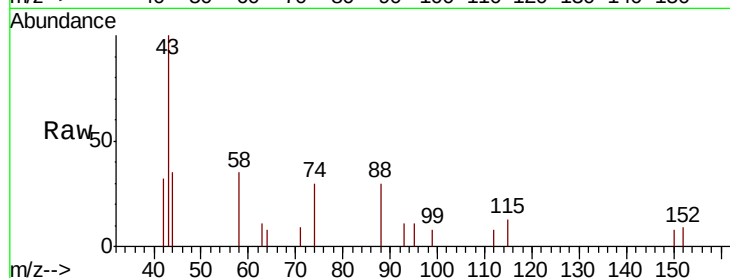
Tot Ion: 42 Resp: 346

Ion Ratio Lower Upper

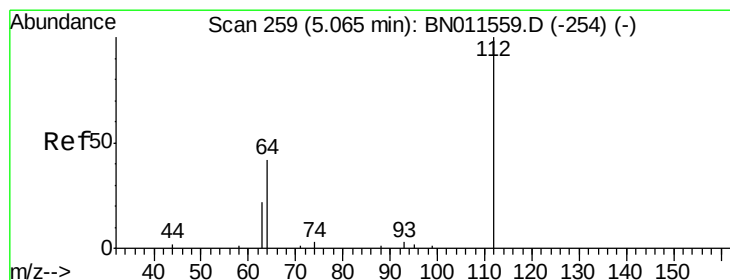
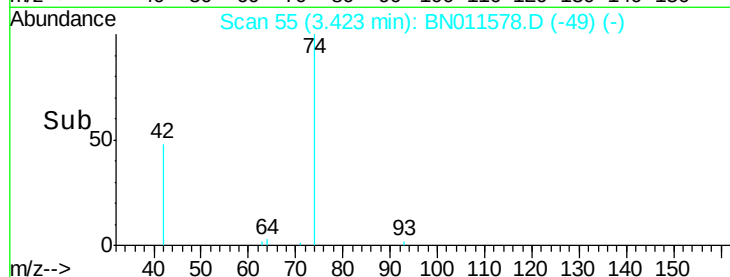
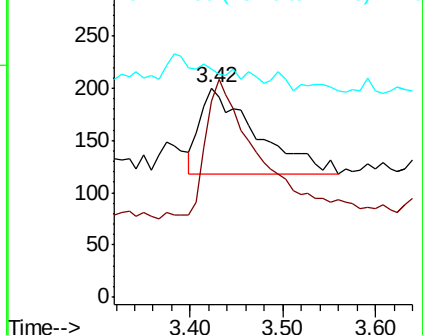
42 100

74 145.7 169.0 253.4#

44 0.0 21.6 32.4#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.404 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

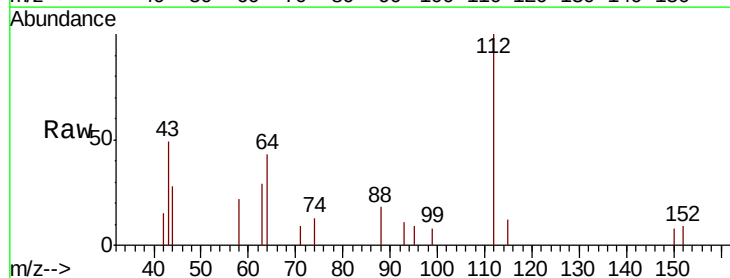
Tgt Ion: 112 Resp: 1321

Ion Ratio Lower Upper

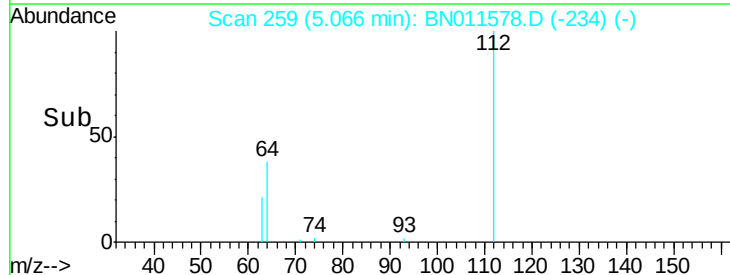
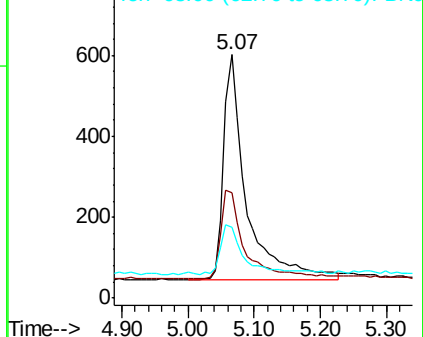
112 100

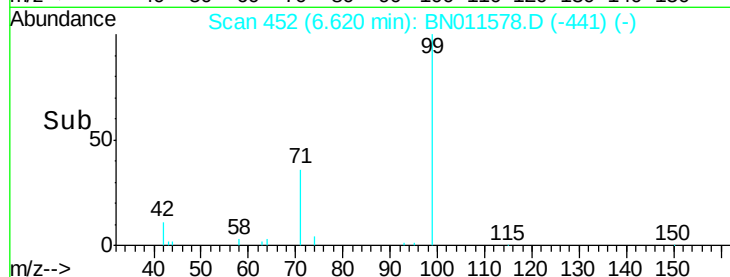
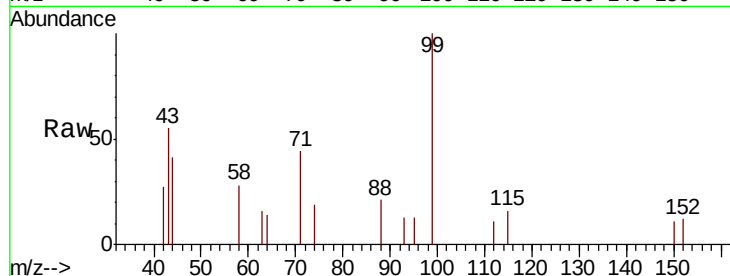
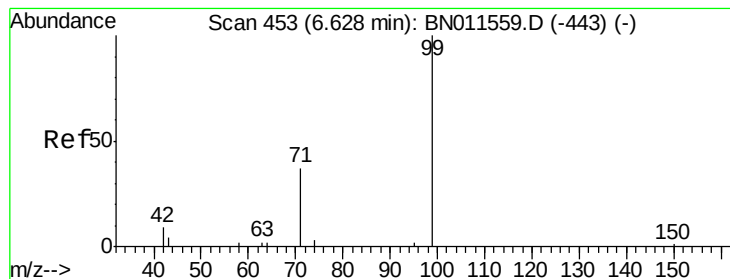
64 41.6 33.9 50.9

63 22.7 17.7 26.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.388 ng

RT: 6.62 min Scan# 452

Delta R.T. -0.01 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

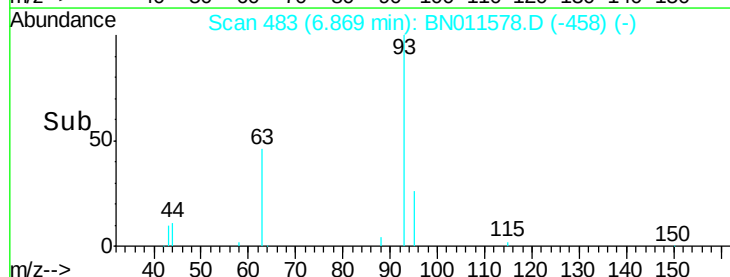
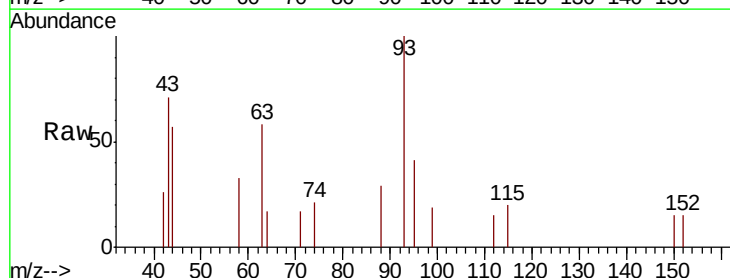
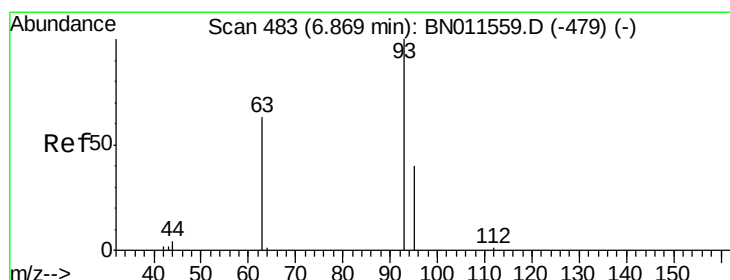
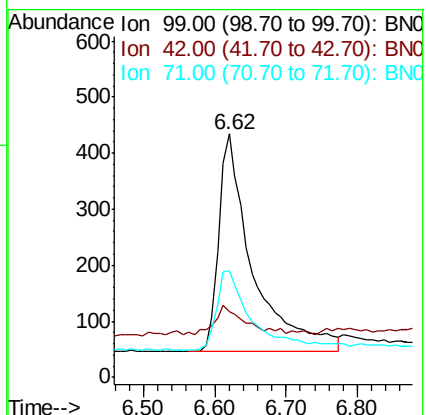
Tot Ion: 99 Resp: 1282

Ion Ratio Lower Upper

99 100

42 12.6 9.0 13.4

71 39.9 30.4 45.6



#6

bis(2-Chloroethyl)ether

Concen: 0.269 ng

RT: 6.87 min Scan# 483

Delta R.T. 0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

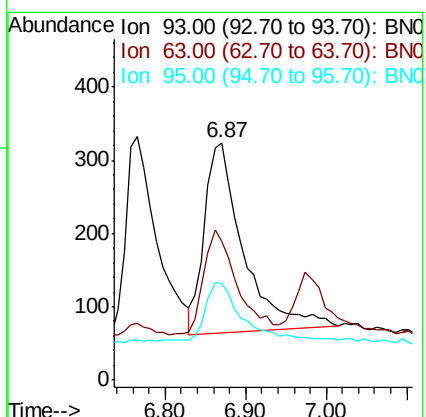
Tgt Ion: 93 Resp: 868

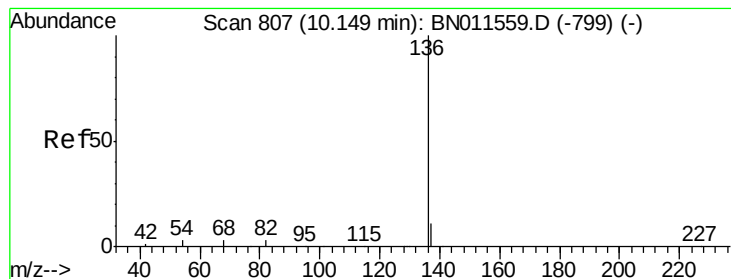
Ion Ratio Lower Upper

93 100

63 47.0 32.9 49.3

95 29.4 25.3 37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

Tot Ion:136 Resp: 5218

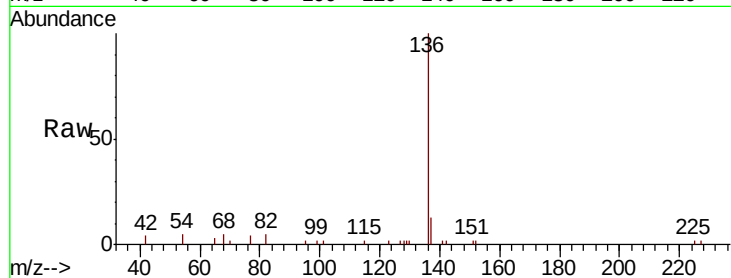
Ion Ratio Lower Upper

136 100

137 12.9 11.0 16.4

54 5.4 4.3 6.5

68 5.3 4.9 7.3

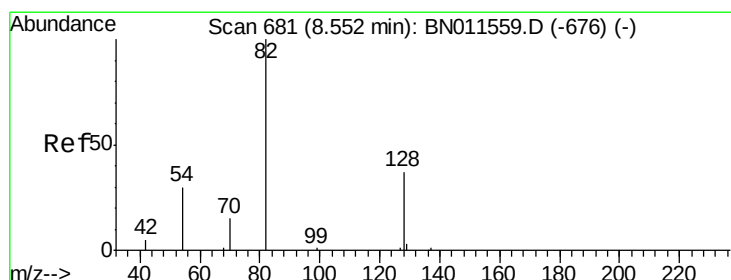
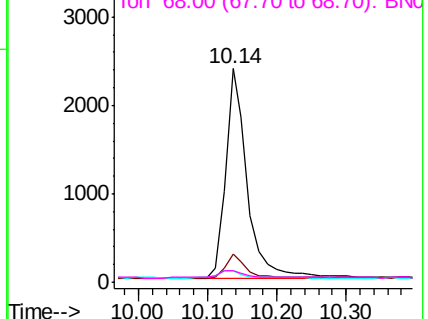
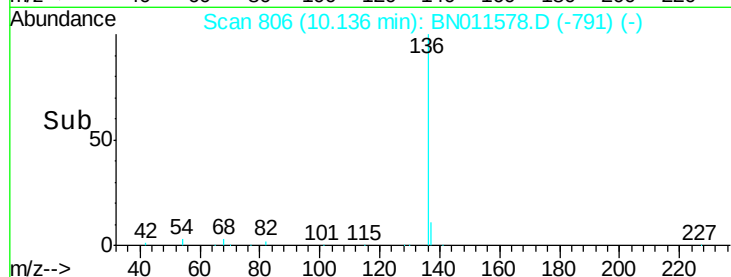


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.527 ng

RT: 8.54 min Scan# 680

Delta R.T. -0.01 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

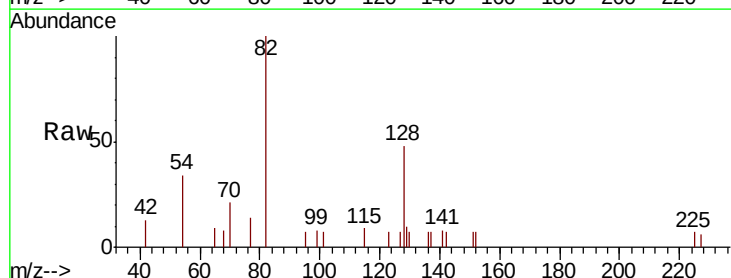
Tgt Ion: 82 Resp: 1806

Ion Ratio Lower Upper

82 100

128 48.4 41.7 62.5

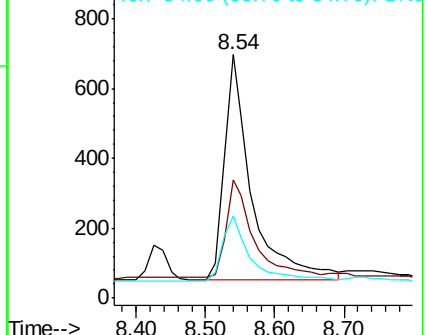
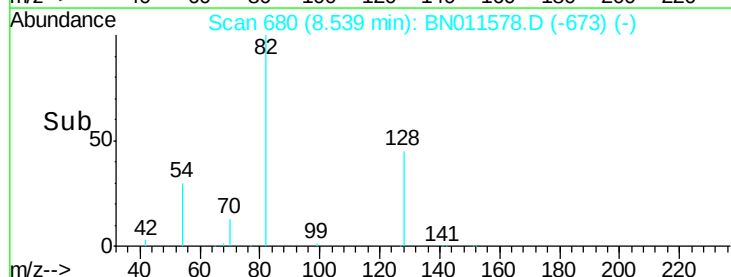
54 34.0 34.4 51.6#

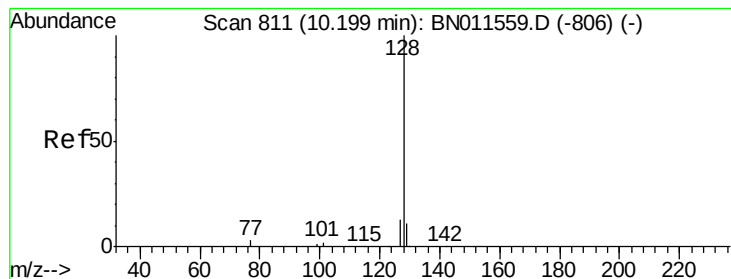


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.250 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

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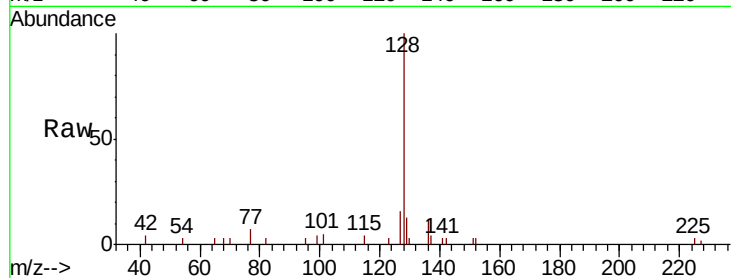
Tot Ion:128 Resp: 3785

Ion Ratio Lower Upper

128 100

129 13.4 10.8 16.2

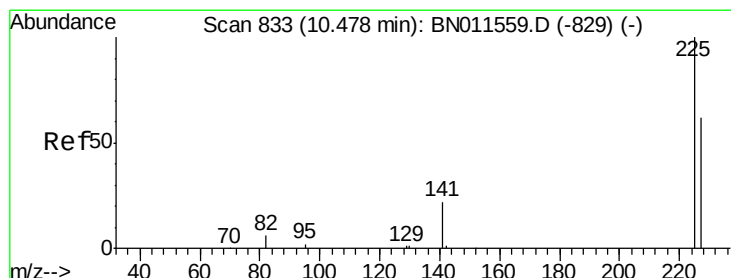
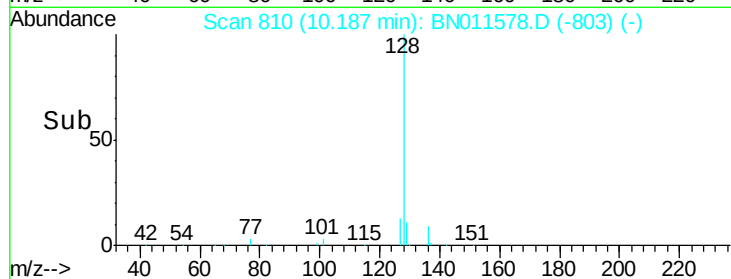
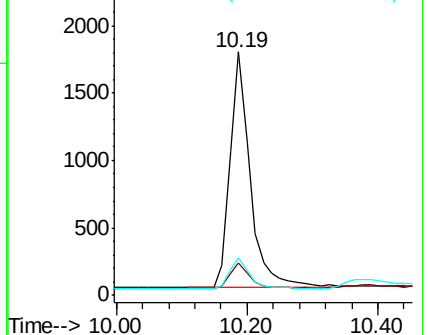
127 15.7 12.3 18.5



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: 0.239 ng

RT: 10.48 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

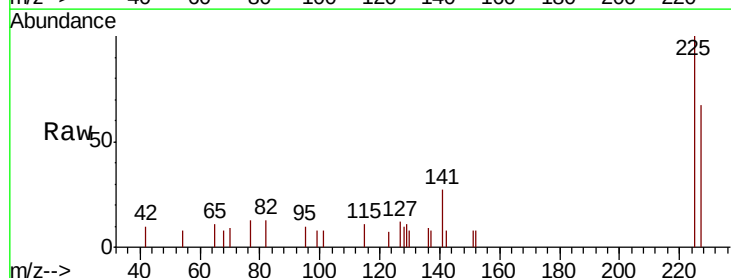
Tgt Ion:225 Resp: 1013

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

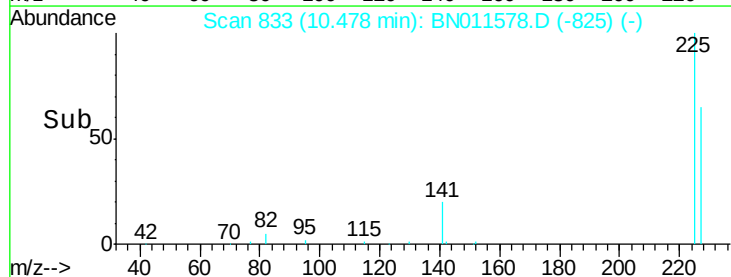
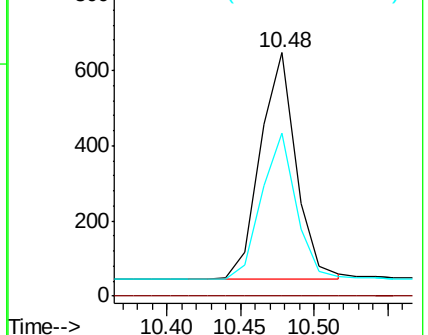
227 63.3 51.3 76.9

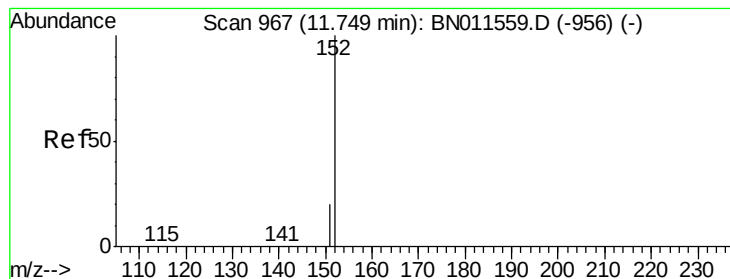


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.255 ng

RT: 11.74 min Scan# 965

Delta R.T. -0.01 min

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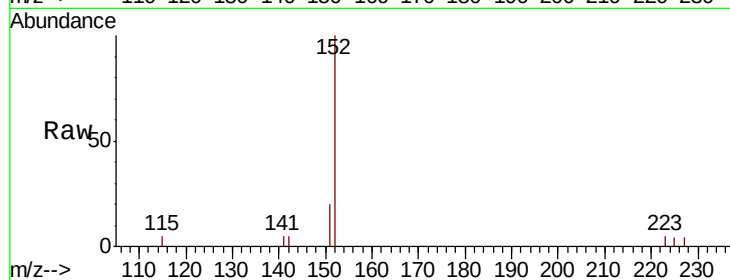
CS-3MS

Tot Ion:152 Resp: 2379

Ion Ratio Lower Upper

152 100

151 18.4 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

1200

1000

800

600

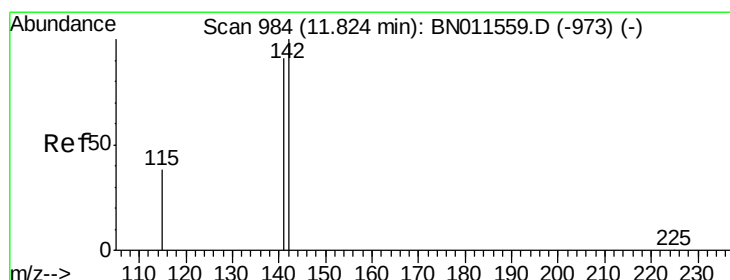
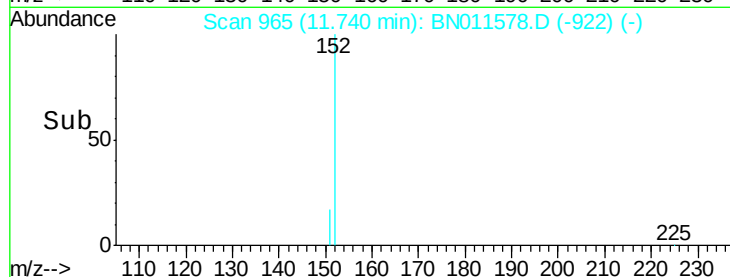
400

200

0

Time-->

11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.218 ng

RT: 11.82 min Scan# 982

Delta R.T. -0.01 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

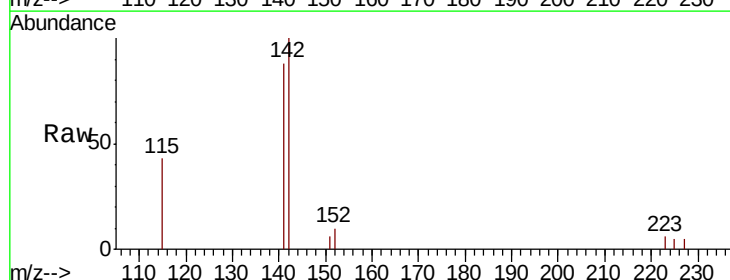
Tgt Ion:142 Resp: 2273

Ion Ratio Lower Upper

142 100

141 87.8 73.0 109.6

115 42.9 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

1500

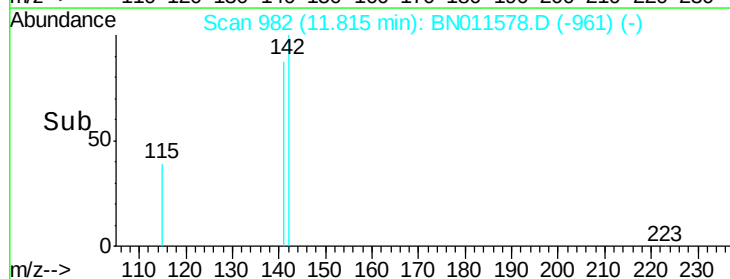
1000

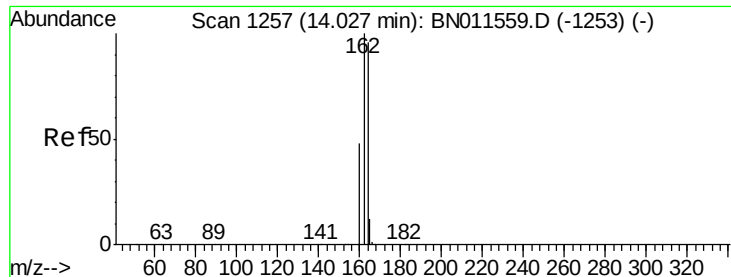
500

0

Time-->

11.70 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

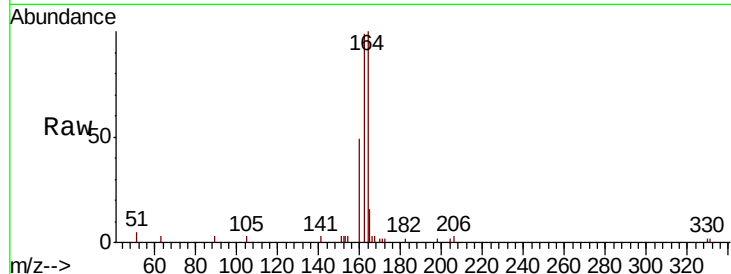
Tot Ion:164 Resp: 2840

Ion Ratio Lower Upper

164 100

162 98.7 83.7 125.5

160 48.6 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

2500

2000

1500

1000

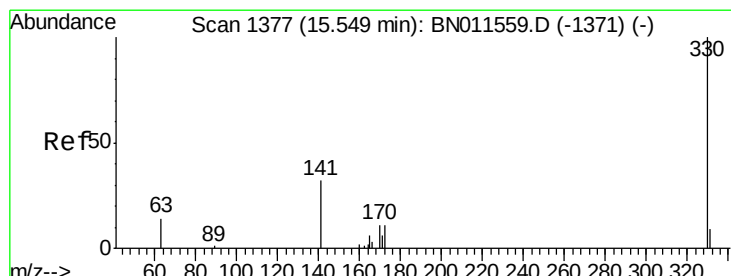
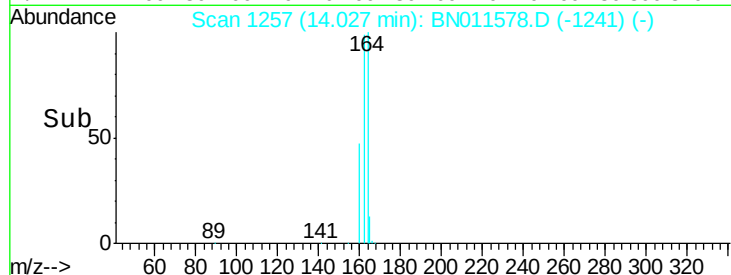
500

0

14.03

13.90 14.00 14.10

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.330 ng

RT: 15.55 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

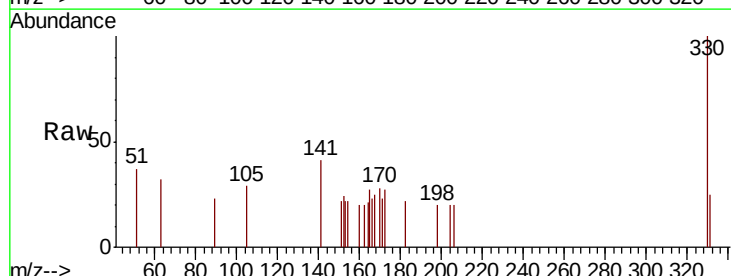
Tgt Ion:330 Resp: 466

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 39.3 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

300

250

200

150

100

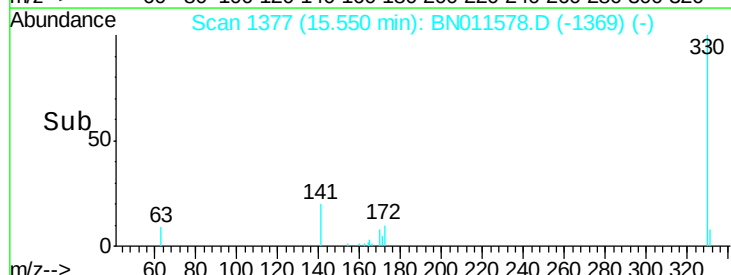
50

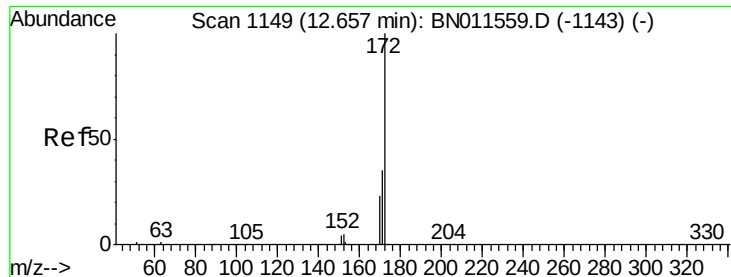
0

15.55

15.40 15.50 15.60 15.70

Time-->

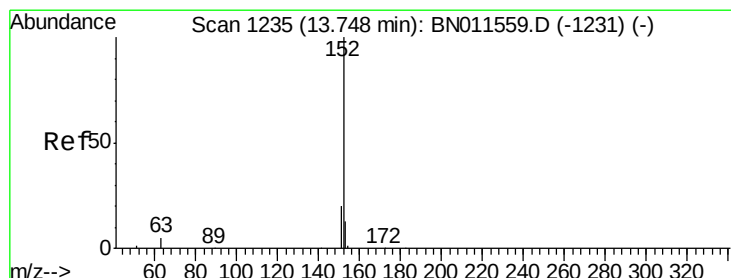
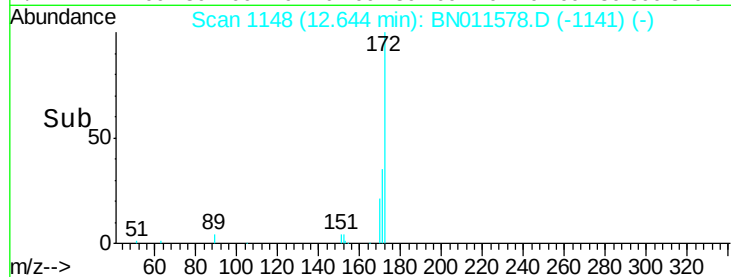
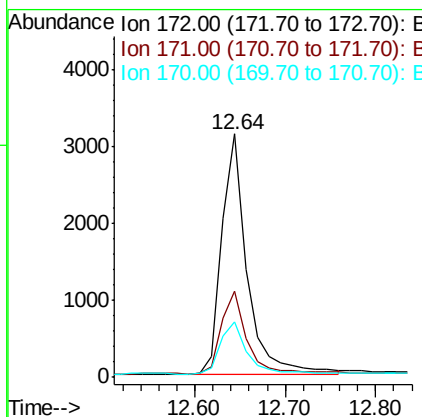
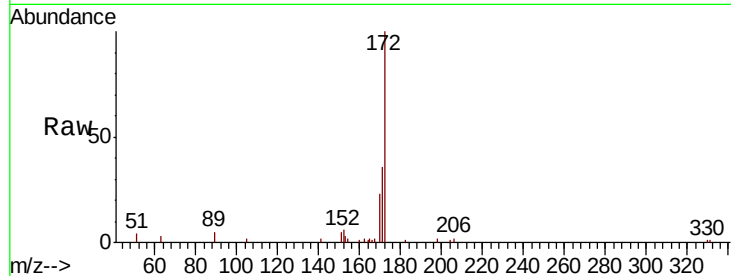




#15
2-Fluorobiphenyl
Concen: 0.517 ng
RT: 12.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

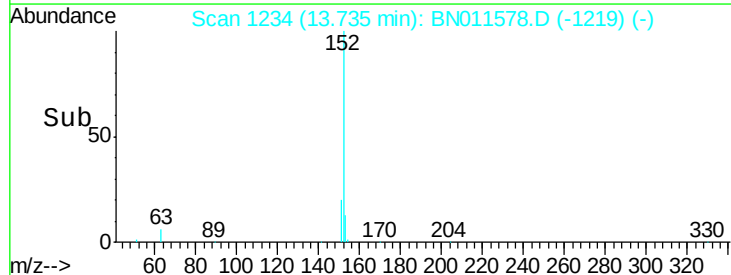
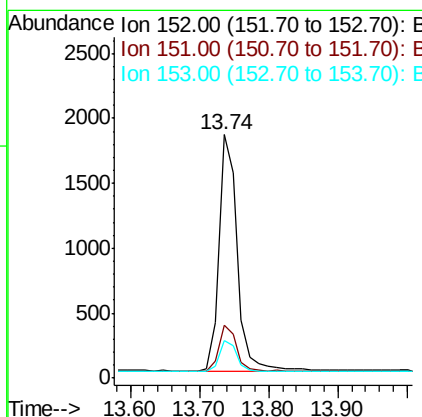
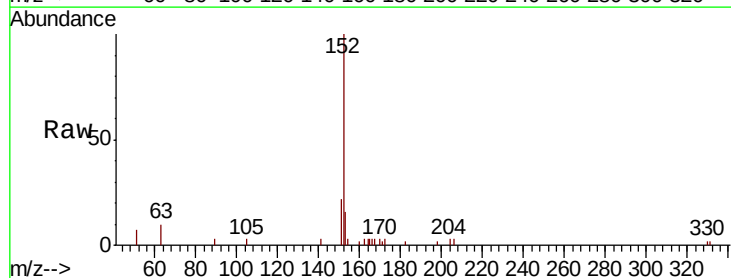
Instrument :
BNA_N
ClientSampleId :
CS-3MS

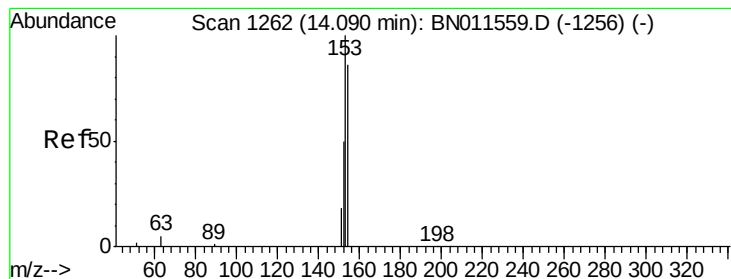
Tot Ion:172 Resp: 6043
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 22.6 20.1 30.1



#16
Acenaphthylene
Concen: 0.235 ng
RT: 13.74 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

Tgt Ion:152 Resp: 3399
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.229 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

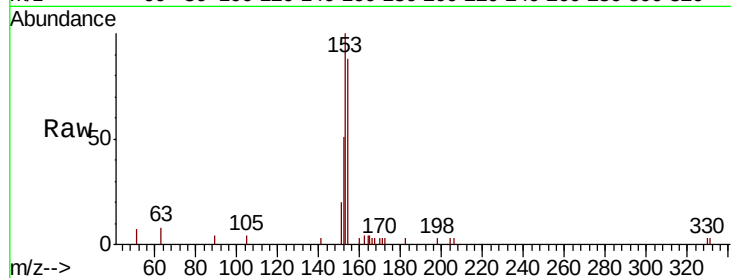
Tot Ion:154 Resp: 2174

Ion Ratio Lower Upper

154 100

153 114.5 91.8 137.8

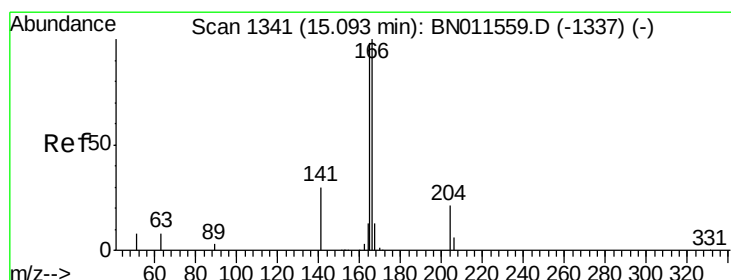
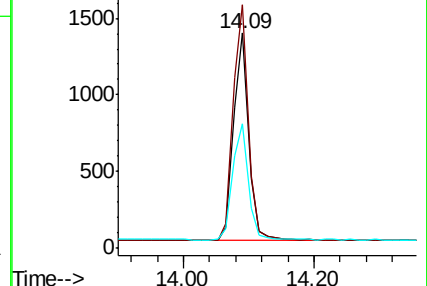
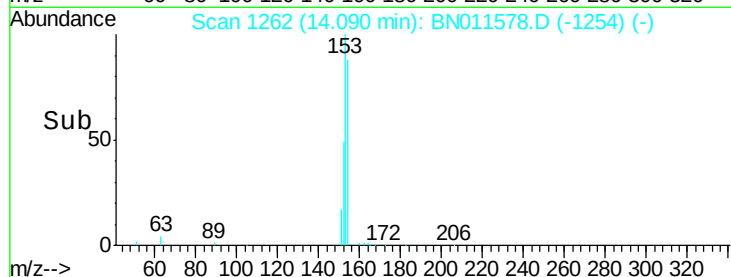
152 59.0 46.3 69.5



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: 0.233 ng

RT: 15.09 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

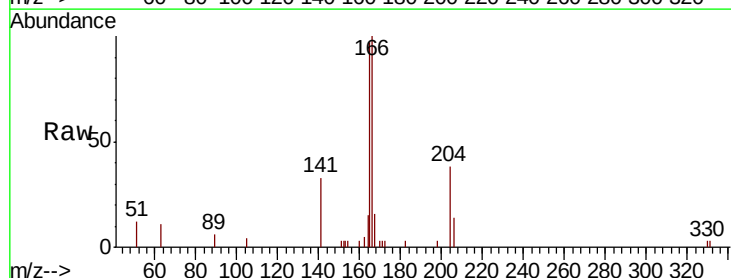
Tgt Ion:166 Resp: 2927

Ion Ratio Lower Upper

166 100

165 99.0 78.2 117.2

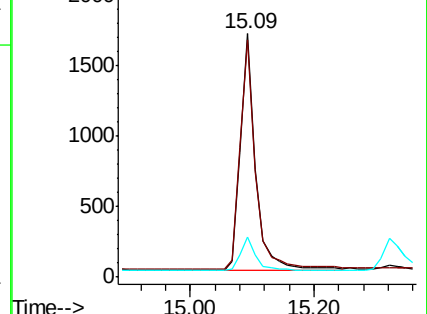
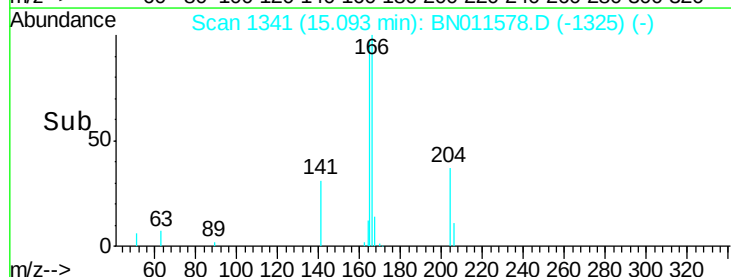
167 13.7 10.7 16.1

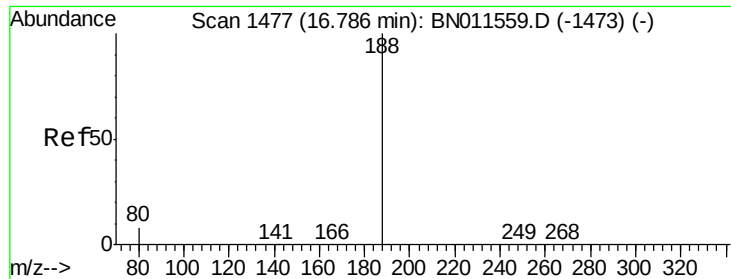


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

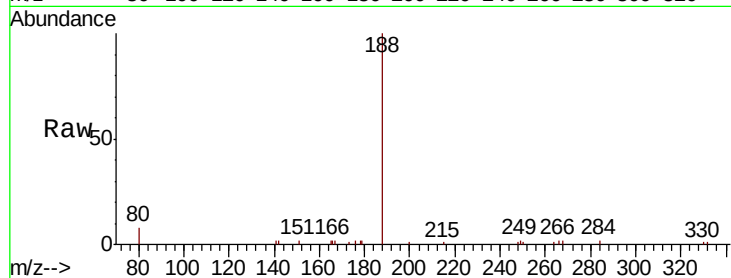
Tot Ion:188 Resp: 6043

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

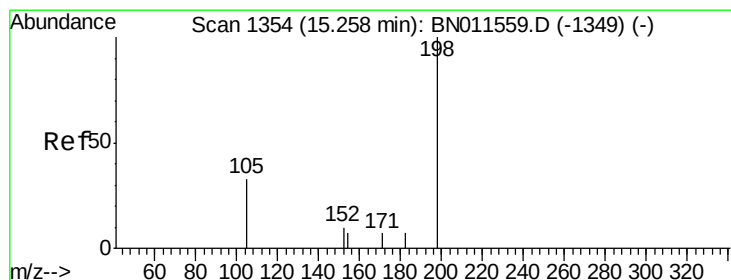
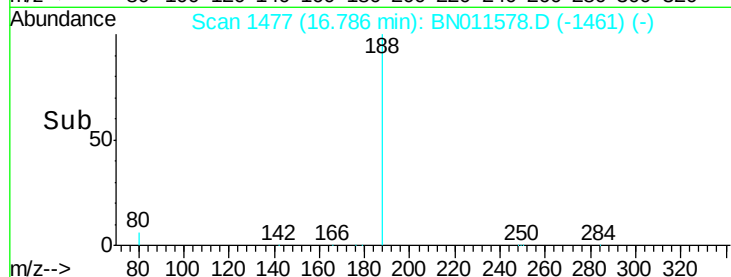
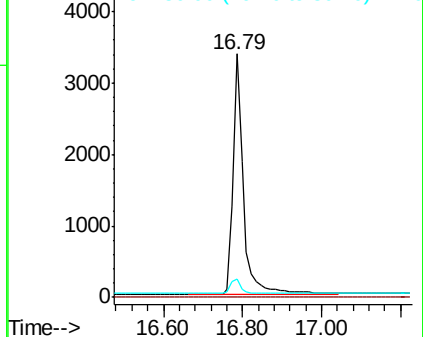
80 7.5 7.6 11.4#



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: 0.271 ng

RT: 15.23 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

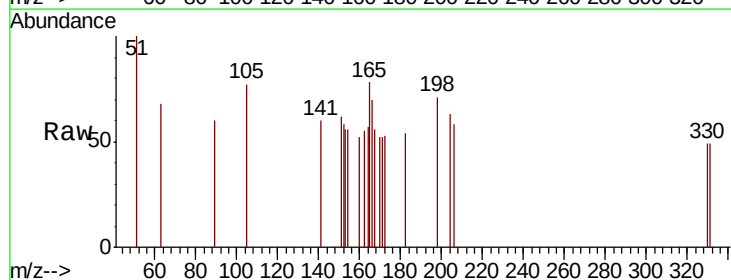
Tgt Ion:198 Resp: 115

Ion Ratio Lower Upper

198 100

51 140.0 89.4 134.2#

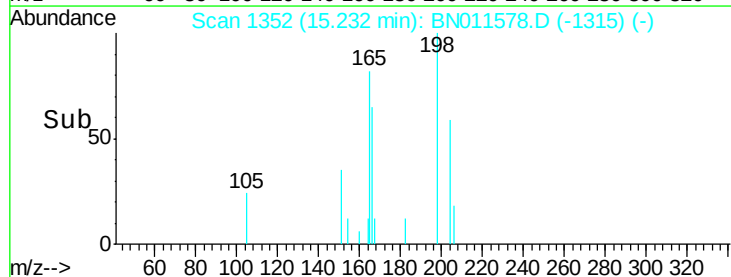
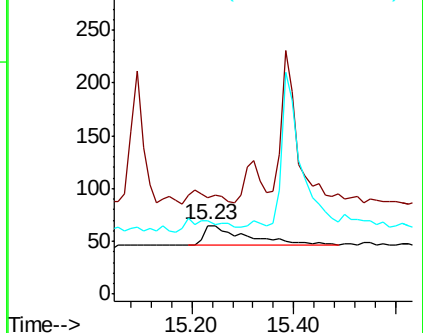
105 107.7 70.6 105.8#

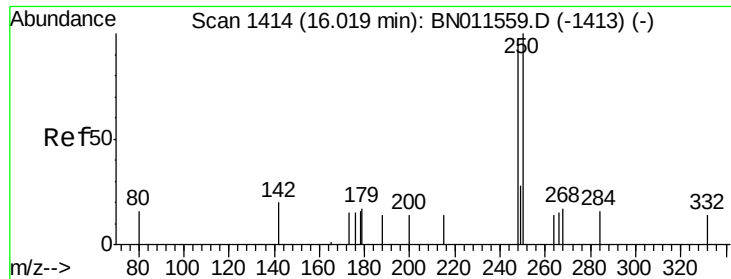


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E

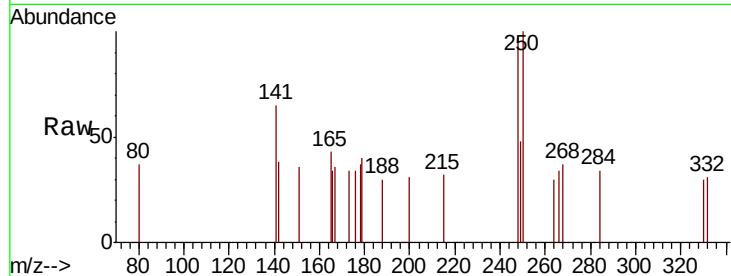




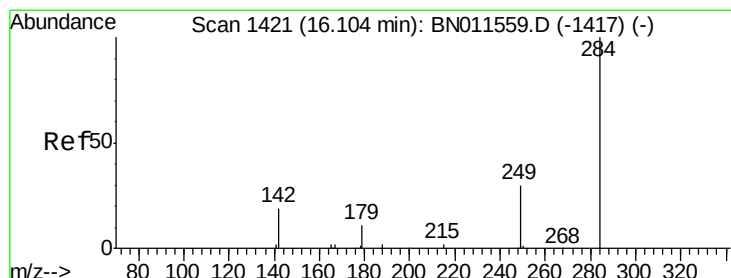
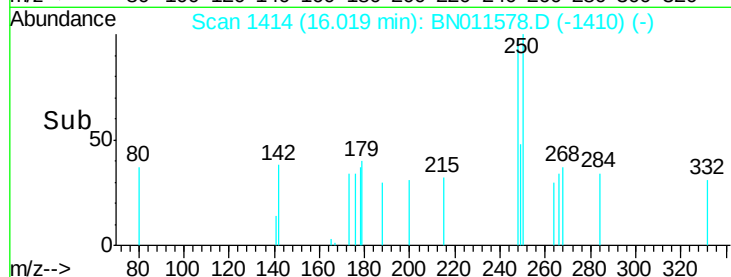
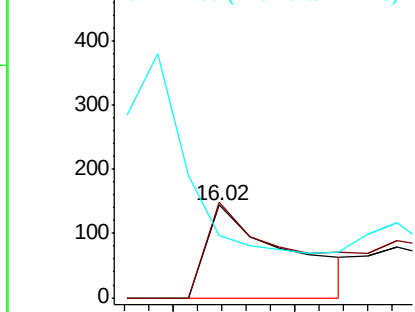
#21
4-Bromophenyl-phenylether
Concen: 0.247 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

Instrument :
BNA_N
ClientSampleId :
CS-3MS

Tot Ion:248 Resp: 326
Ion Ratio Lower Upper
248 100
250 103.5 83.8 125.8
141 67.4 41.0 61.6#

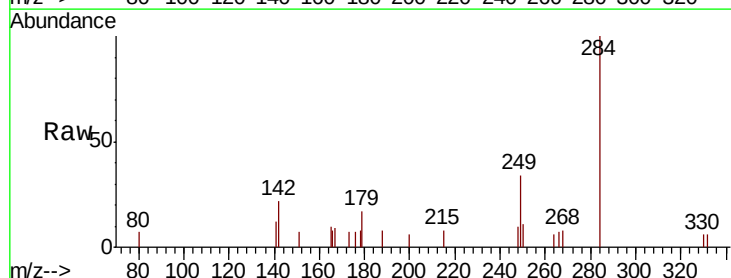


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

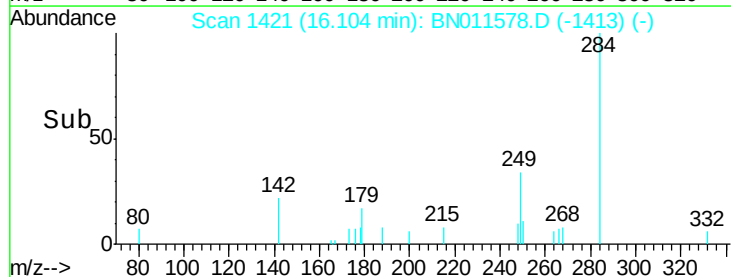
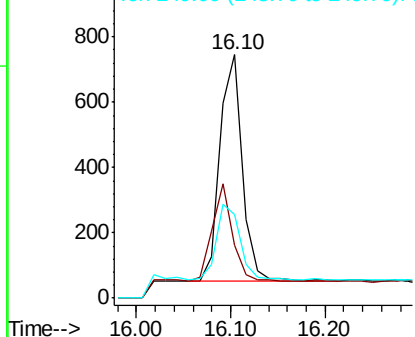


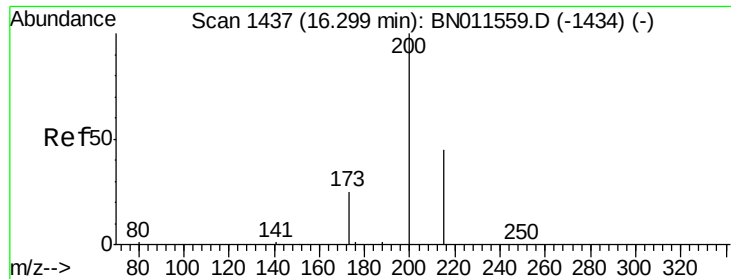
#22
Hexachlorobenzene
Concen: 0.246 ng
RT: 16.10 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

Tgt Ion:284 Resp: 1145
Ion Ratio Lower Upper
284 100
142 38.7 29.7 44.5
249 35.3 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

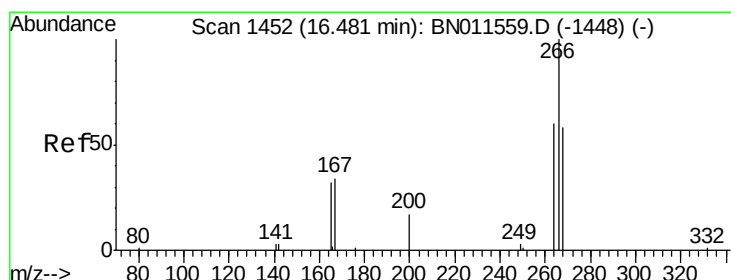
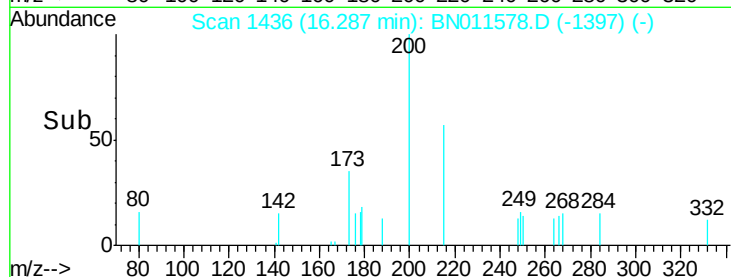
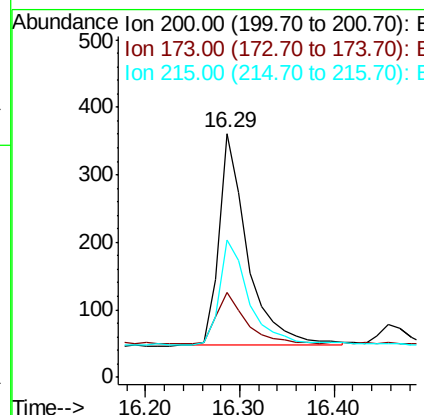
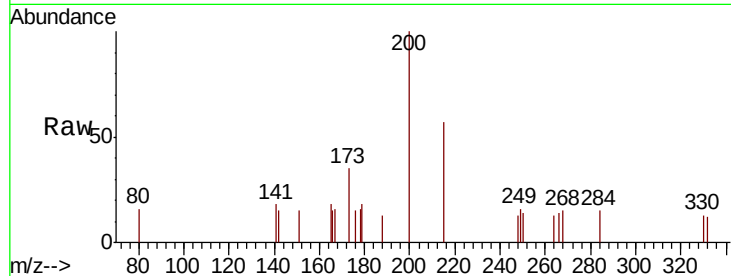




#23
Atrazine
Concen: 0.210 ng
RT: 16.29 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

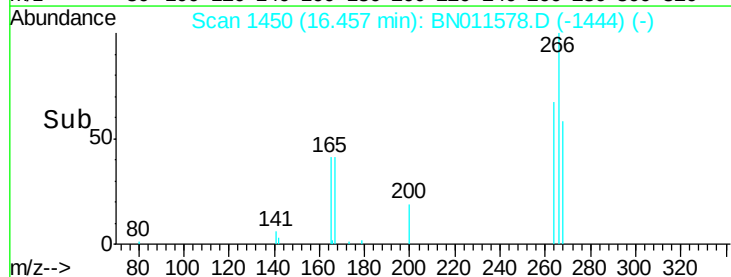
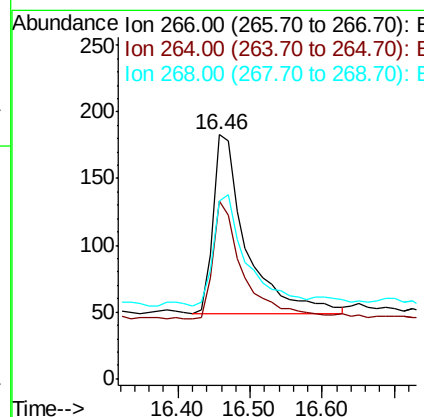
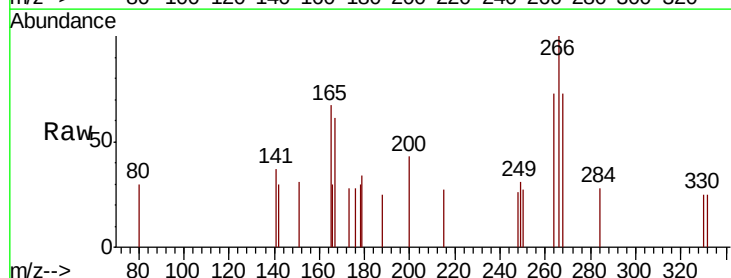
Instrument :
BNA_N
ClientSampleId :
CS-3MS

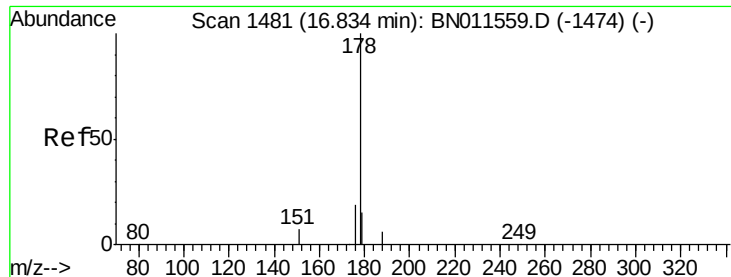
Tot Ion	Ratio	Lower	Upper
200	100		
173	34.6	27.7	41.5
215	56.5	41.5	62.3



#24
Pentachlorophenol
Concen: 0.294 ng
RT: 16.46 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.1	48.7	73.1
268	60.4	51.0	76.6





#25

Phenanthrene

Concen: 0.233 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

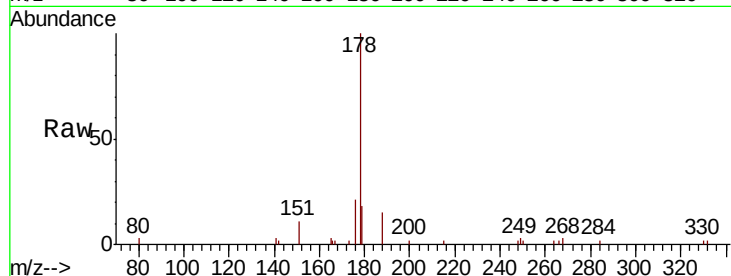
Tot Ion:178 Resp: 4436

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

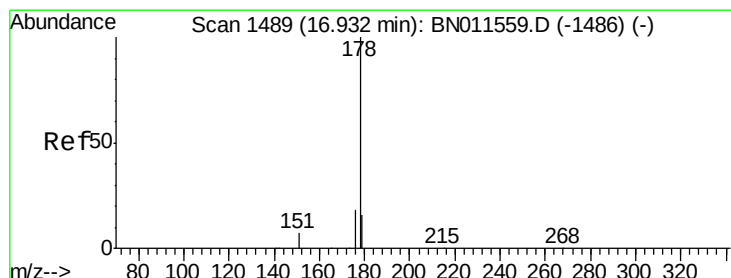
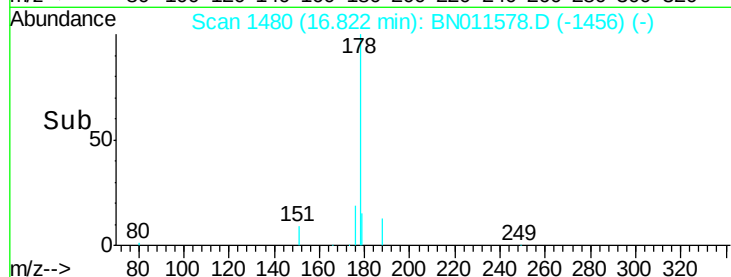
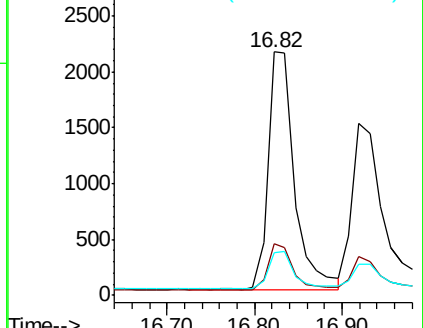
179 15.4 12.3 18.5



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: 0.222 ng

RT: 16.92 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

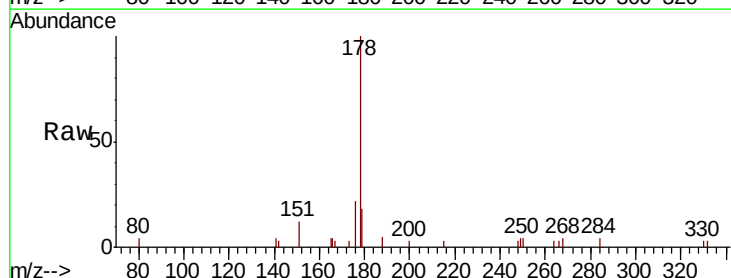
Tgt Ion:178 Resp: 3521

Ion Ratio Lower Upper

178 100

176 18.9 14.4 21.6

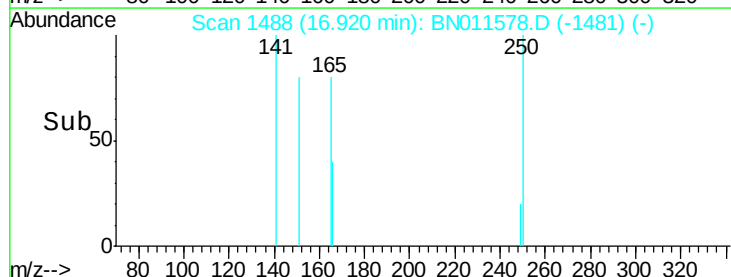
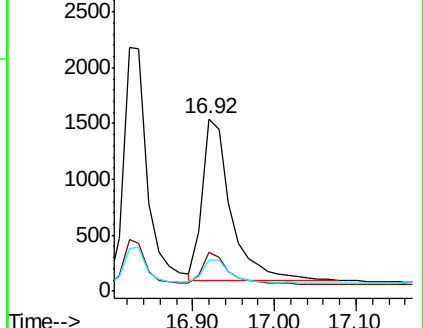
179 15.2 12.9 19.3

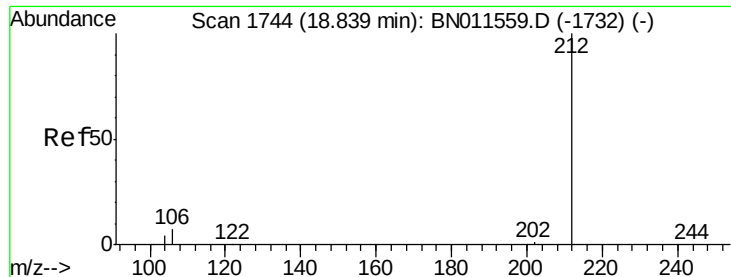


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

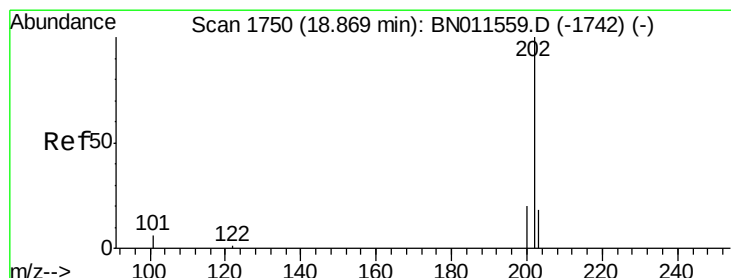
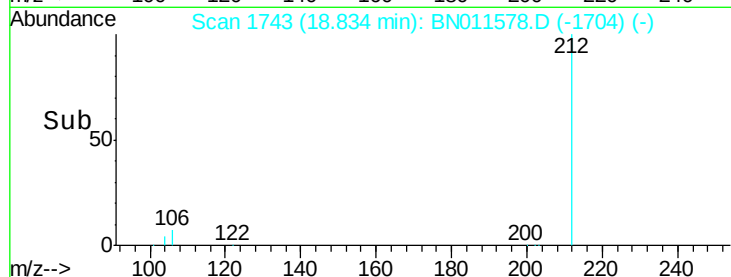
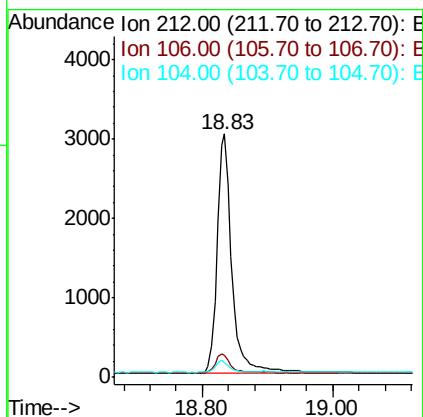
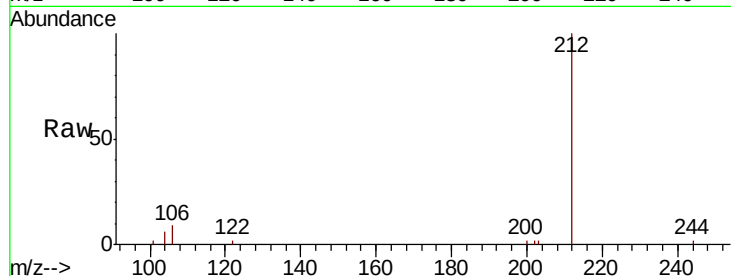




#27
 Fluoranthene-d10
 Concen: 0.236 ng
 RT: 18.83 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BN011578.D
 Acq: 22 Aug 2020 09:05

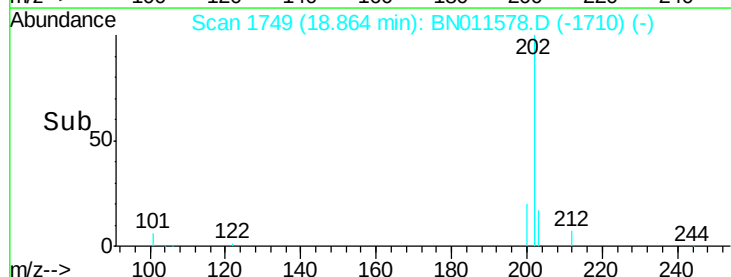
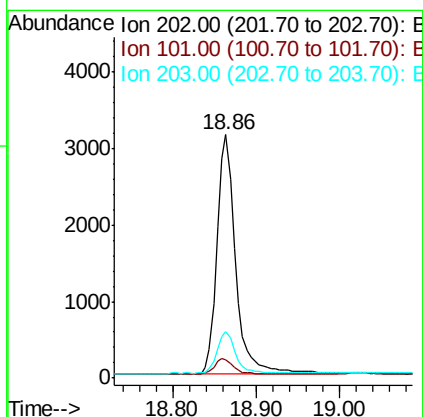
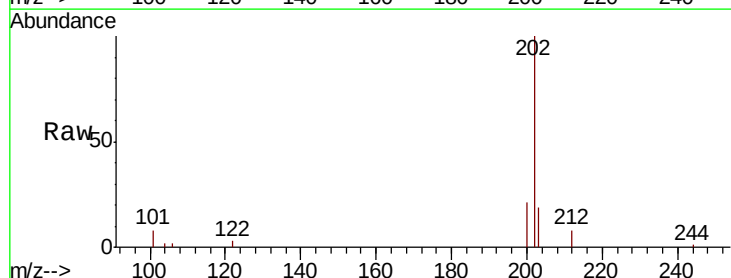
Instrument :
 BNA_N
 ClientSampleId :
 CS-3MS

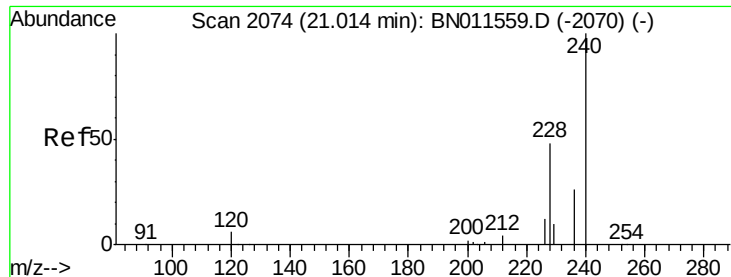
Tot Ion:212 Resp: 4813
 Ion Ratio Lower Upper
 212 100
 106 8.1 6.2 9.2
 104 4.6 3.8 5.6



#28
 Fluoranthene
 Concen: 0.201 ng
 RT: 18.86 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BN011578.D
 Acq: 22 Aug 2020 09:05

Tgt Ion:202 Resp: 4914
 Ion Ratio Lower Upper
 202 100
 101 6.9 5.2 7.8
 203 17.5 13.6 20.4

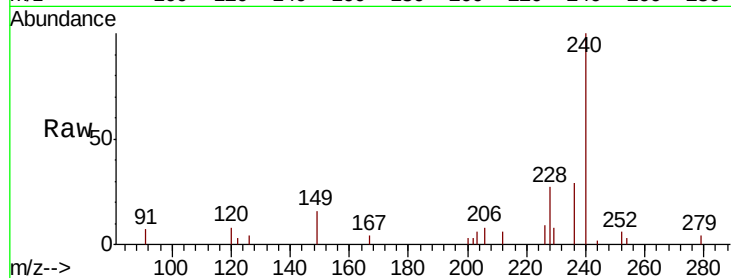




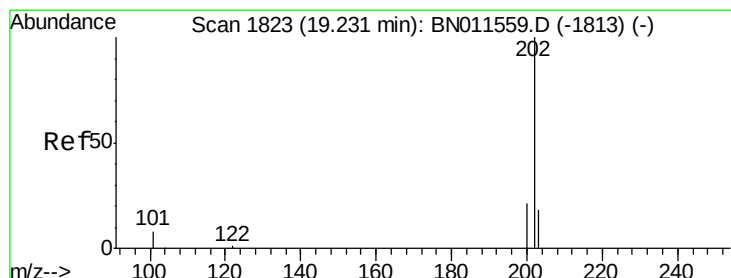
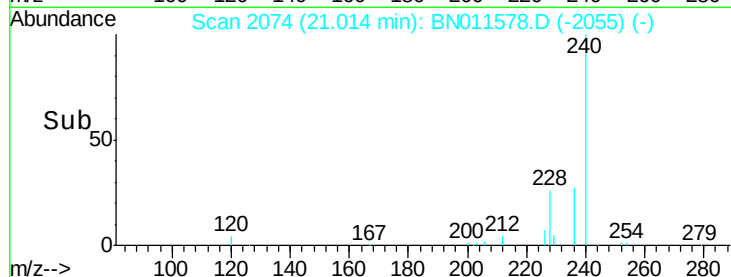
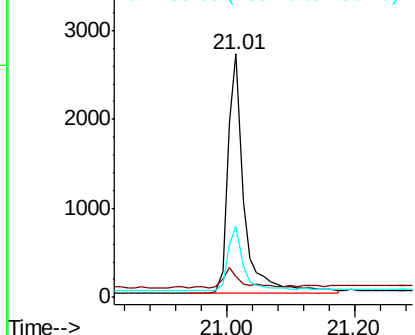
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

Instrument :
BNA_N
ClientSampleId :
CS-3MS

Tot Ion:240 Resp: 4663
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 29.3 22.3 33.5

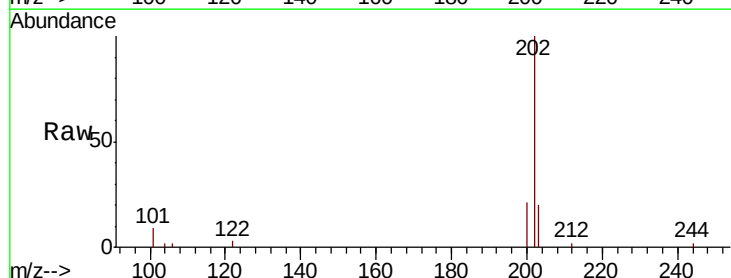


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

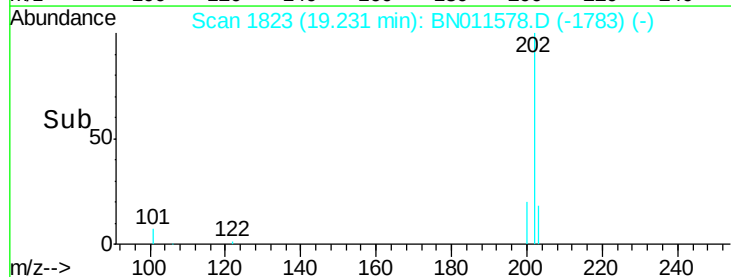
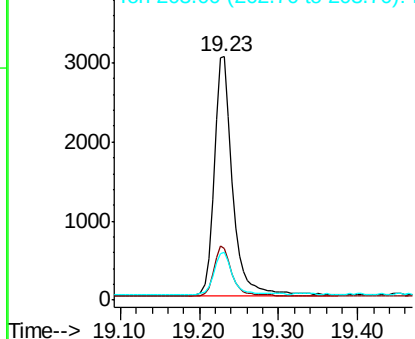


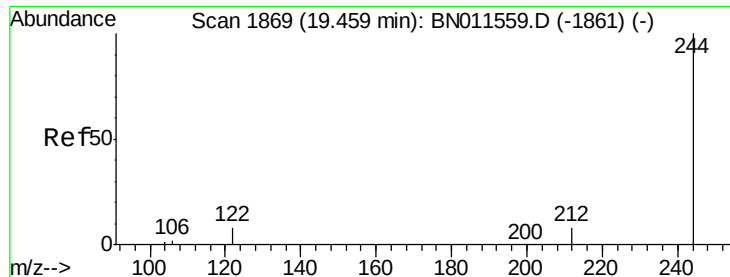
#30
Pyrene
Concen: 0.269 ng
RT: 19.23 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BN011578.D
Acq: 22 Aug 2020 09:05

Tgt Ion:202 Resp: 4995
Ion Ratio Lower Upper
202 100
200 20.8 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: 0.582 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

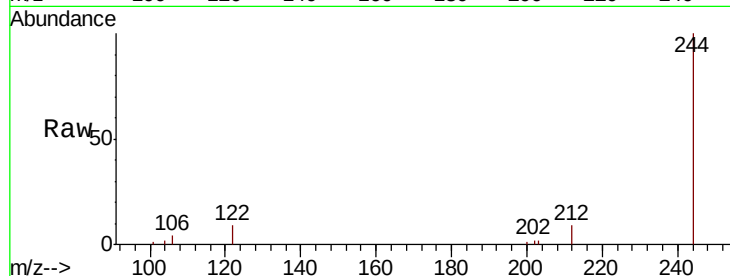
Tot Ion:244 Resp: 7073

Ion Ratio Lower Upper

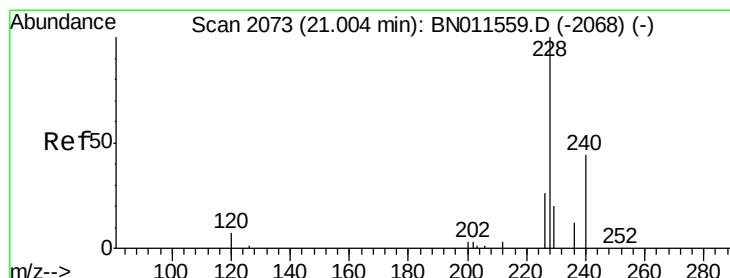
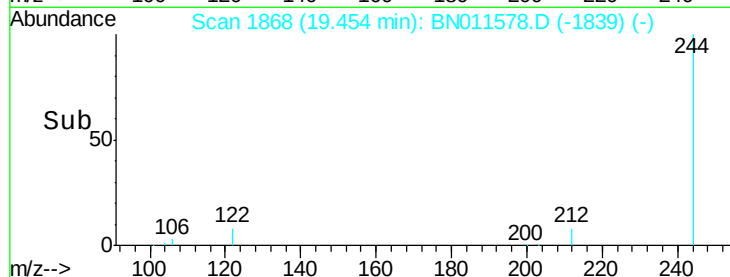
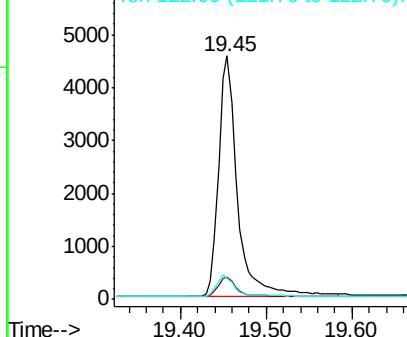
244 100

212 9.3 8.2 12.4

122 8.8 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: 0.252 ng

RT: 20.99 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

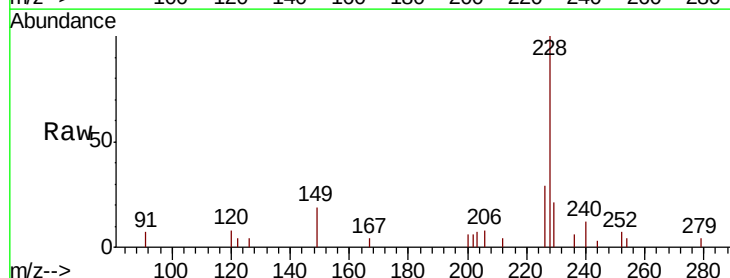
Tgt Ion:228 Resp: 3858

Ion Ratio Lower Upper

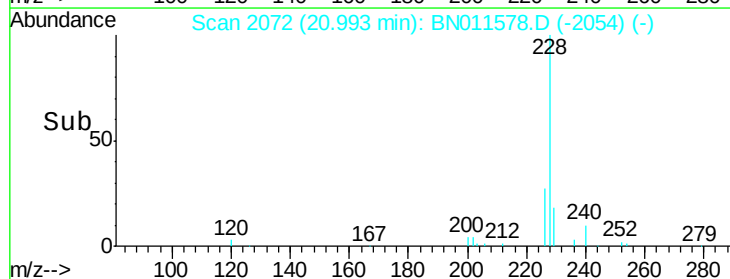
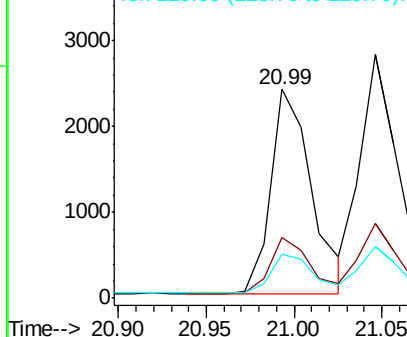
228 100

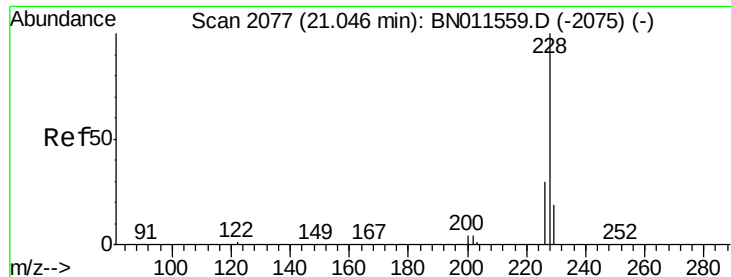
226 29.0 22.2 33.2

229 21.0 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: 0.251 ng

RT: 21.05 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

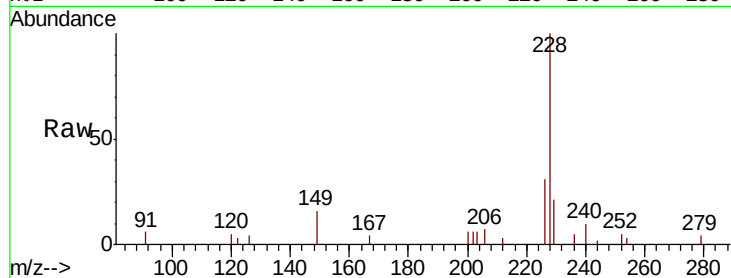
Tot Ion:228 Resp: 4374

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

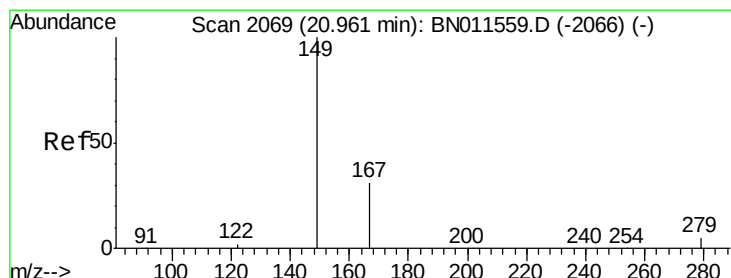
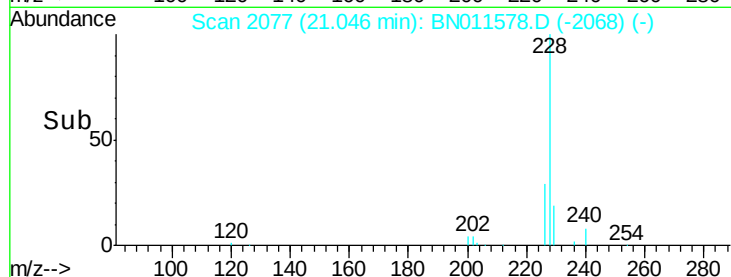
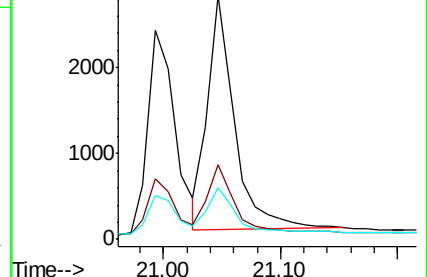
229 21.3 16.2 24.2



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: 0.437 ng

RT: 20.96 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

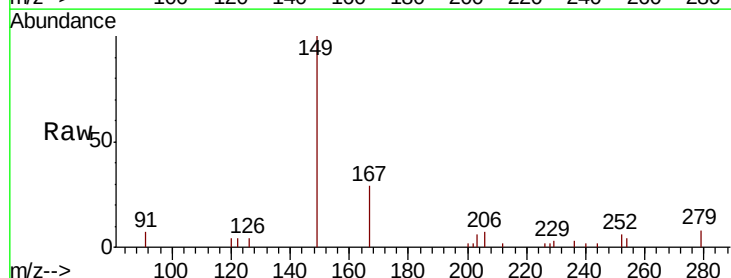
Tgt Ion:149 Resp: 3043

Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

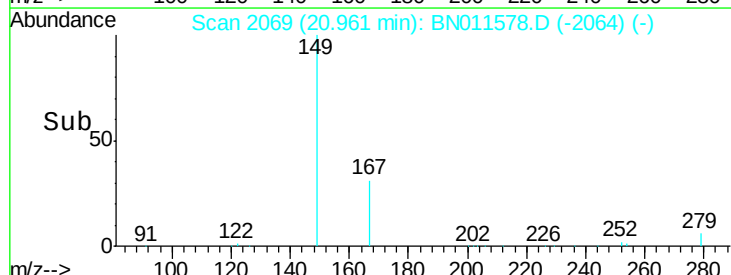
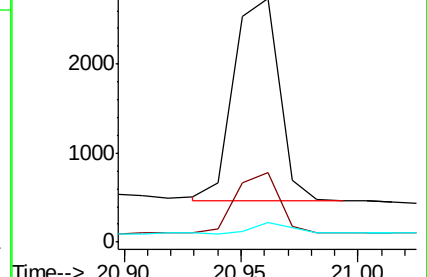
279 4.8 4.2 6.2

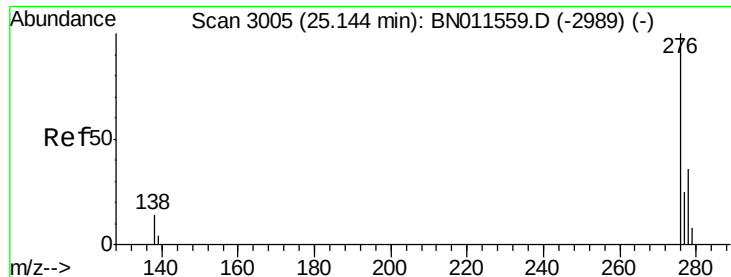


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

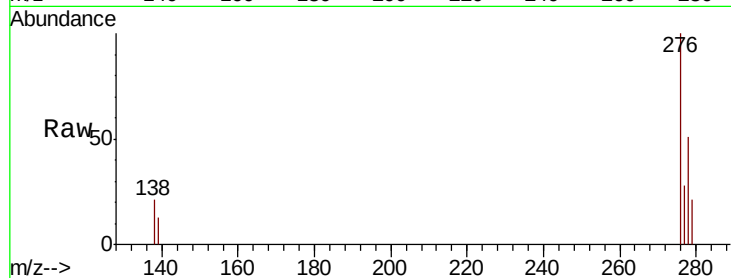




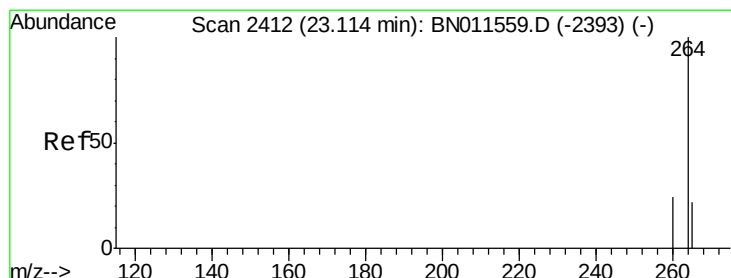
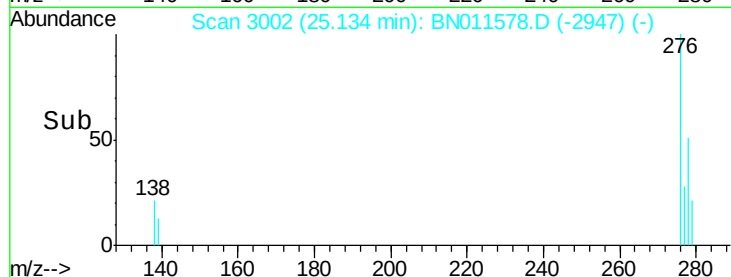
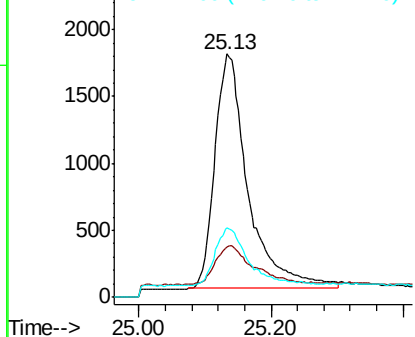
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.389 ng
 RT: 25.13 min Scan# 3002
 Delta R.T. -0.01 min
 Lab File: BN011578.D
 Acq: 22 Aug 2020 09:05

Instrument :
 BNA_N
 ClientSampleId :
 CS-3MS

Tot Ion:276 Resp: 6149
 Ion Ratio Lower Upper
 276 100
 138 16.9 11.6 17.4
 277 22.8 18.2 27.4

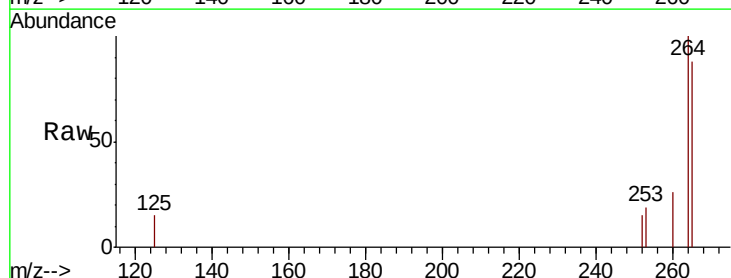


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

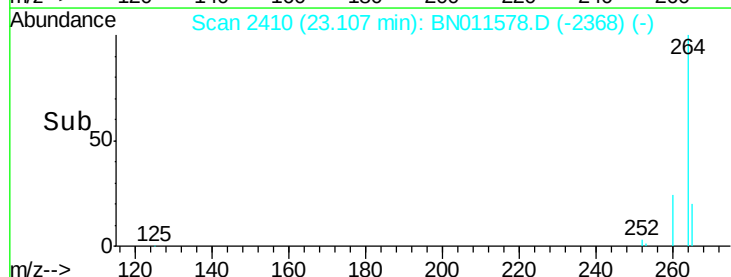
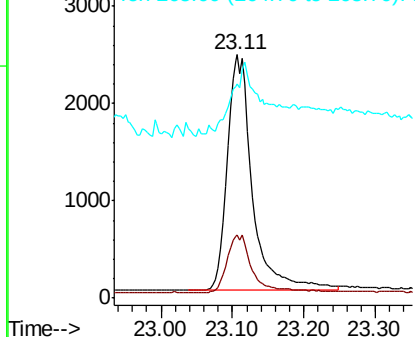


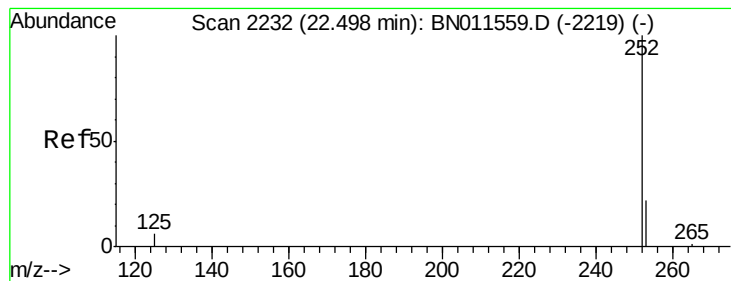
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BN011578.D
 Acq: 22 Aug 2020 09:05

Tgt Ion:264 Resp: 5992
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.3 30.5
 265 88.1 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: 0.202 ng

RT: 22.49 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

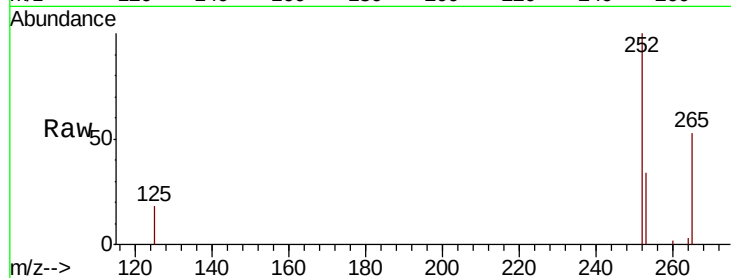
Tot Ion:252 Resp: 4468

Ion Ratio Lower Upper

252 100

253 33.8 25.5 38.3

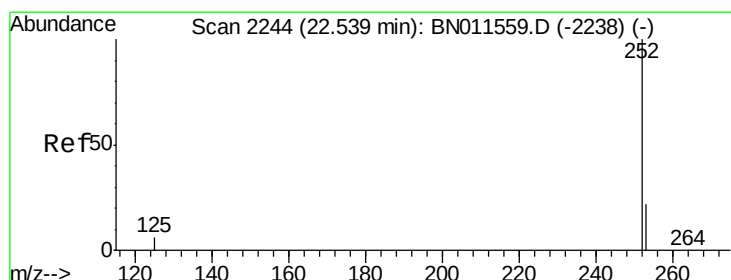
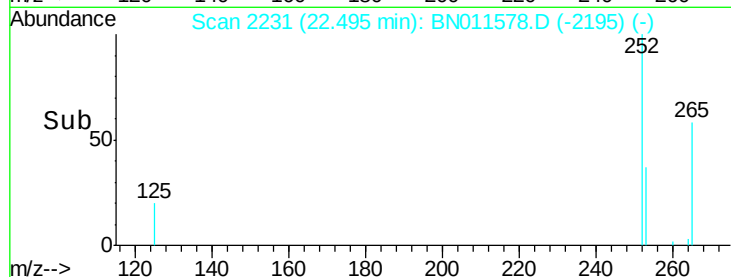
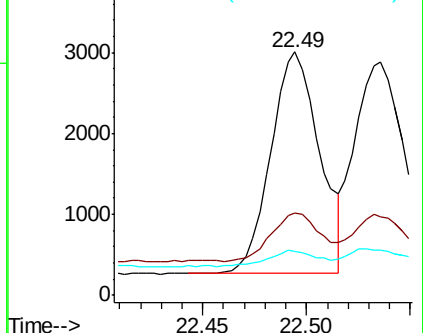
125 17.9 10.2 15.4#



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: 0.183 ng

RT: 22.54 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

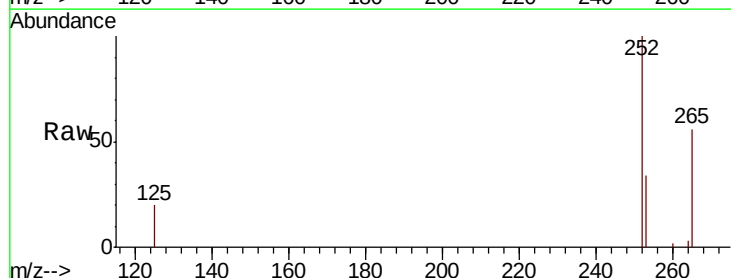
Tgt Ion:252 Resp: 4842

Ion Ratio Lower Upper

252 100

253 33.7 25.8 38.6

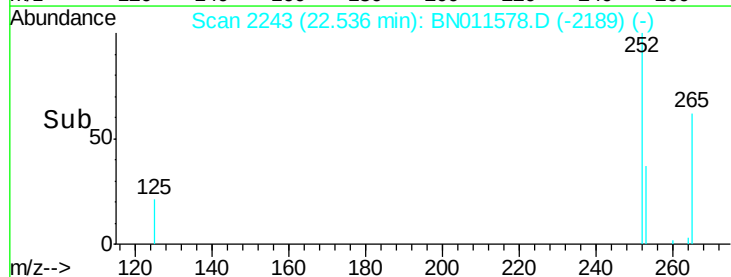
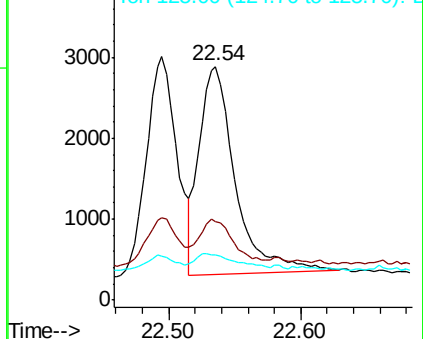
125 19.5 10.8 16.2#

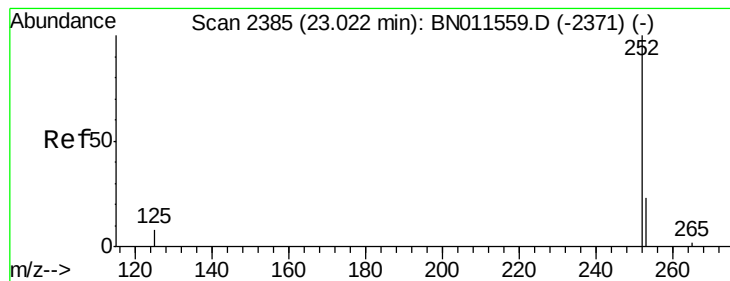


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.205 ng

RT: 23.01 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS

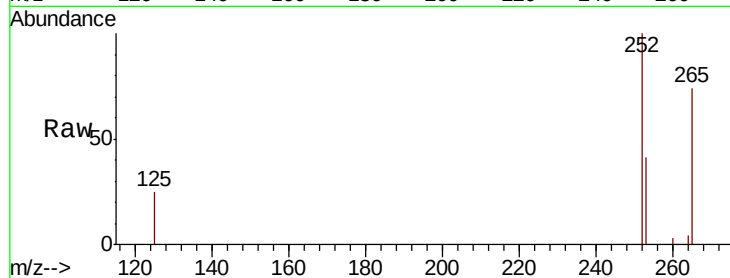
Tot Ion:252 Resp: 4210

Ion Ratio Lower Upper

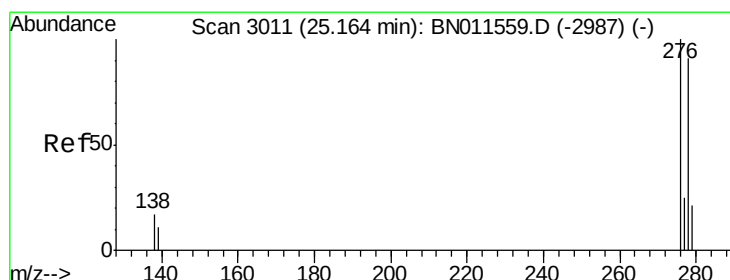
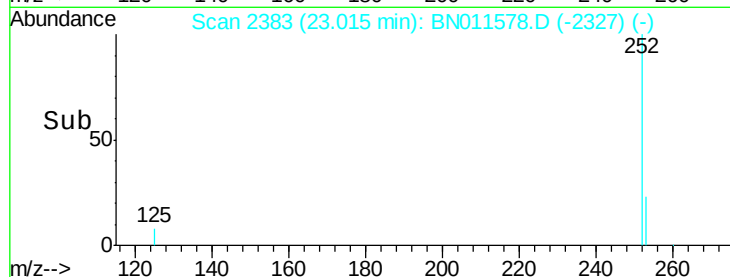
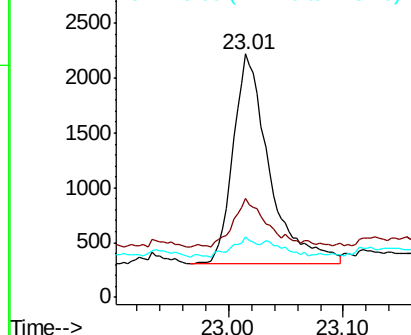
252 100

253 40.8 31.8 47.8

125 24.7 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: 0.292 ng

RT: 25.15 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BN011578.D

Acq: 22 Aug 2020 09:05

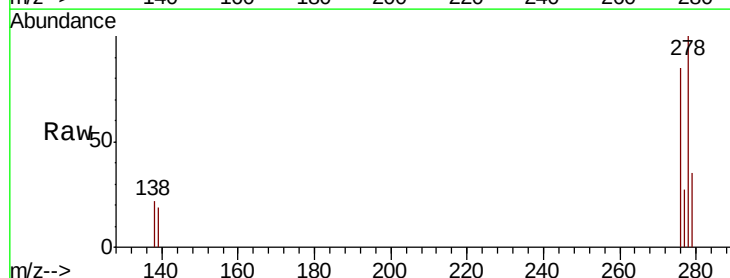
Tgt Ion:278 Resp: 5006

Ion Ratio Lower Upper

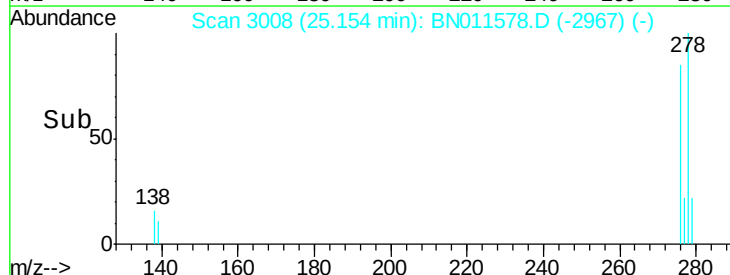
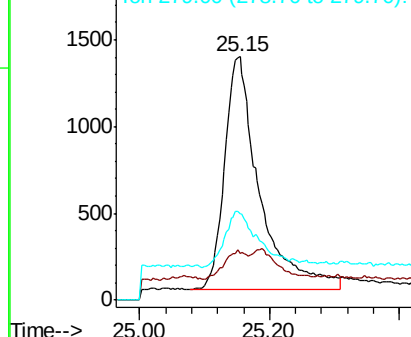
278 100

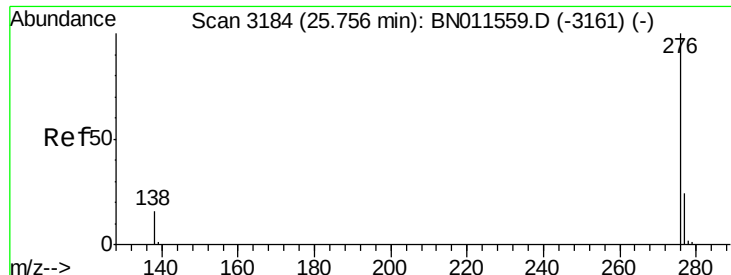
139 19.0 14.0 21.0

279 35.2 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: 0.292 ng

RT: 25.75 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BN011578.D

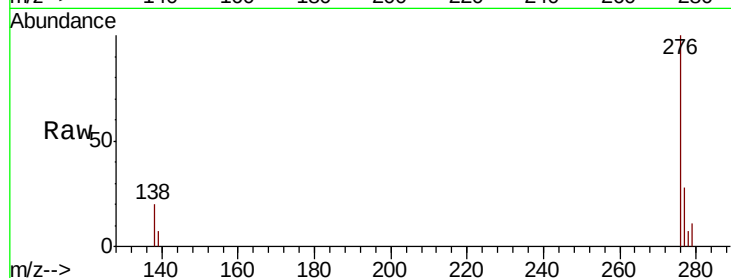
Acq: 22 Aug 2020 09:05

Instrument :

BNA_N

ClientSampleId :

CS-3MS



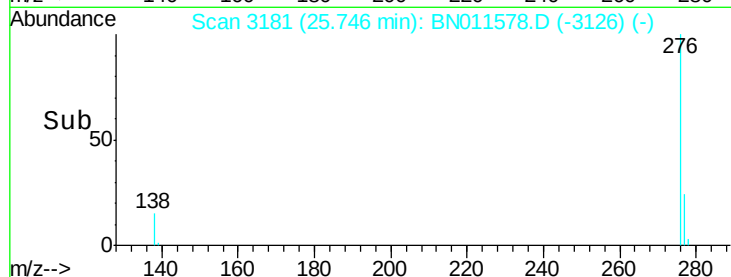
Tot Ion: 276 Resp: 5971

Ion Ratio Lower Upper

276 100

277 28.3 22.1 33.1

138 19.9 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

2500 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

