

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061720\
 Data File : BN010939.D
 Acq On : 17 Jun 2020 12:19
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 17 13:15:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2162	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	7467	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4046	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8513	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8034	0.40	ng	0.00
34) Perylene-d12	23.27	264	9148	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2140	0.51	ng	0.00
5) Phenol-d6	6.74	99	2216	0.45	ng	0.00
8) Nitrobenzene-d5	8.68	82	2300	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4785	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	565	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7203	0.45	ng	0.00
25) Fluoranthene-d10	18.95	212	9794	0.42	ng	0.00
29) Terphenyl-d14	19.57	244	7803	0.41	ng	0.00

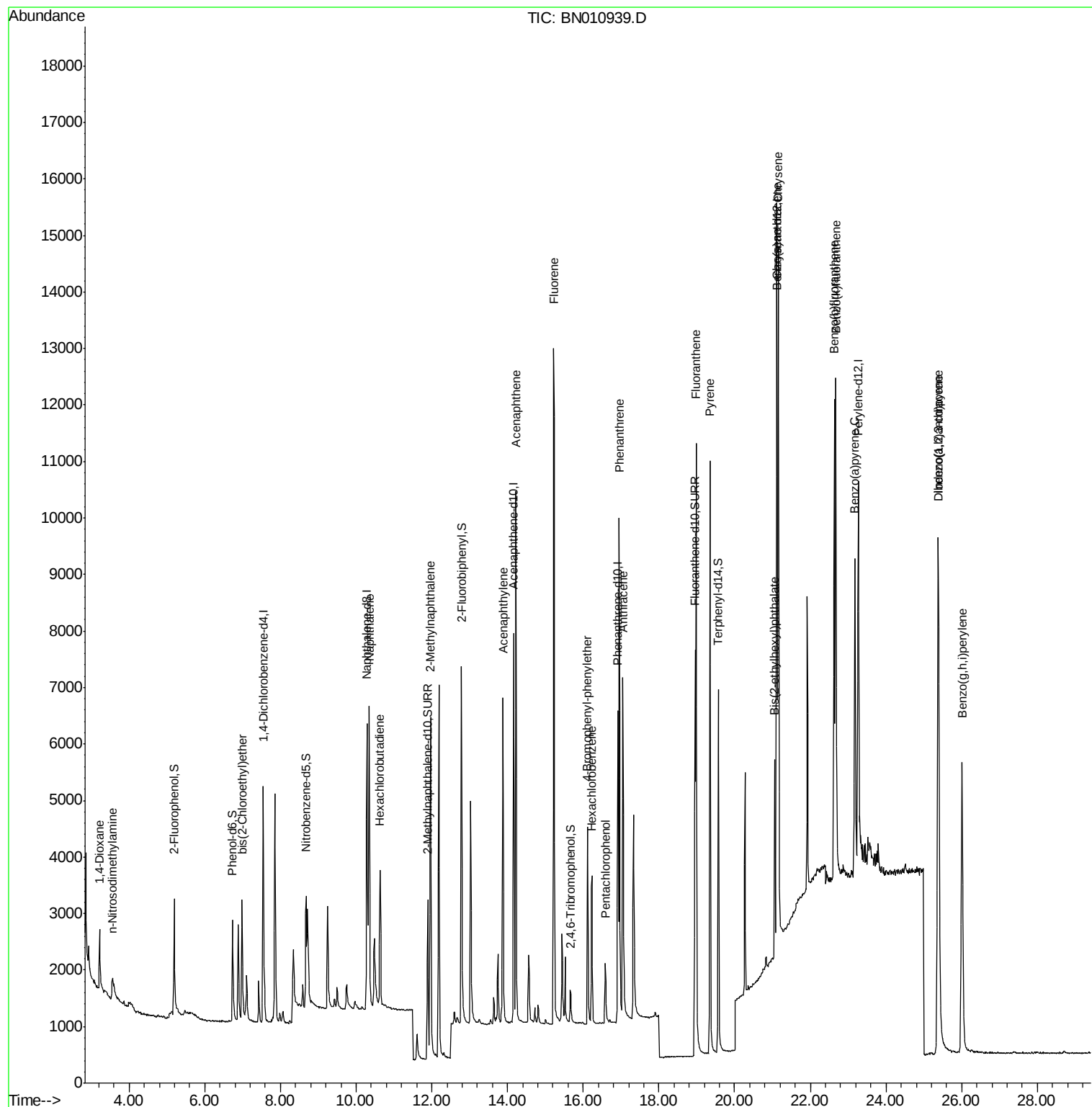
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	919	0.434	ng	93
3) n-Nitrosodimethylamine	3.56	42	481	0.391	ng	# 90
6) bis(2-Chloroethyl)ether	6.99	93	2105	0.439	ng	98
9) Naphthalene	10.34	128	7909	0.421	ng	99
10) Hexachlorobutadiene	10.63	225	1905	0.411	ng	# 100
12) 2-Methylnaphthalene	11.96	142	5303	0.422	ng	100
16) Acenaphthylene	13.88	152	6953	0.420	ng	99
17) Acenaphthene	14.22	154	4778	0.423	ng	98
18) Fluorene	15.22	166	6119	0.420	ng	99
20) 4-Bromophenyl-phenylether	16.11	248	1999	0.391	ng	# 78
21) Hexachlorobenzene	16.23	284	2187	0.410	ng	98
22) Pentachlorophenol	16.58	266	735	0.410	ng	97
23) Phenanthrene	16.95	178	9592	0.413	ng	99
24) Anthracene	17.05	178	7884	0.406	ng	100
26) Fluoranthene	18.98	202	10913	0.413	ng	99
28) Pyrene	19.35	202	11024	0.415	ng	100
30) Benzo(a)anthracene	21.11	228	9700	0.411	ng	99
31) Chrysene	21.15	228	11715	0.426	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	3320	0.422	ng	96
33) Indeno(1,2,3-cd)pyrene	25.37	276	12684	0.412	ng	98
35) Benzo(b)fluoranthene	22.63	252	10878	0.350	ng	99
36) Benzo(k)fluoranthene	22.67	252	11991	0.362	ng	99
37) Benzo(a)pyrene	23.17	252	9333	0.350	ng	98
38) Dibenzo(a,h)anthracene	25.39	278	10137	0.333	ng	98
39) Benzo(g,h,i)perylene	26.01	276	10981	0.345	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

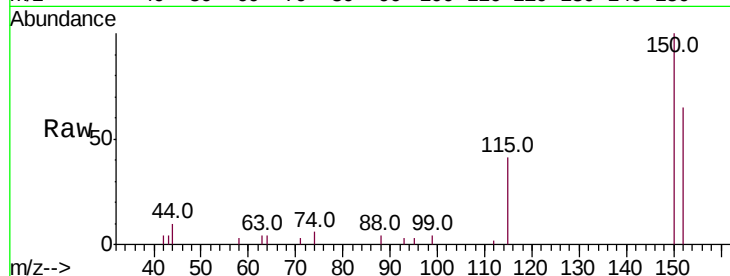
Tot Ion:152 Resp: 2162

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

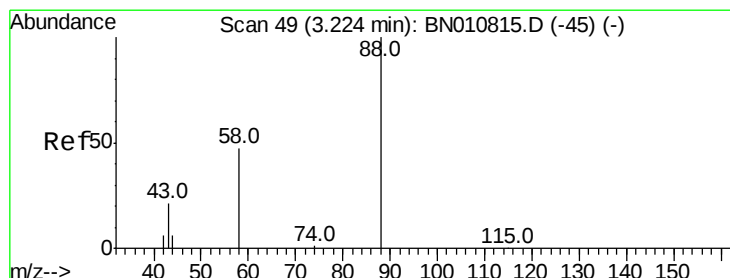
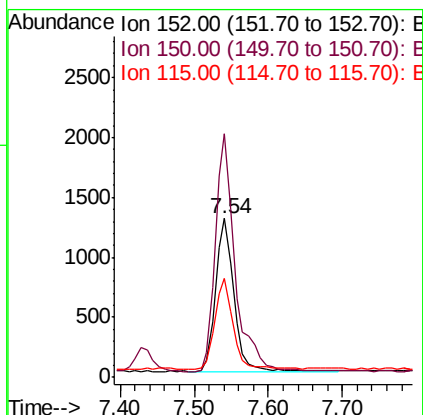
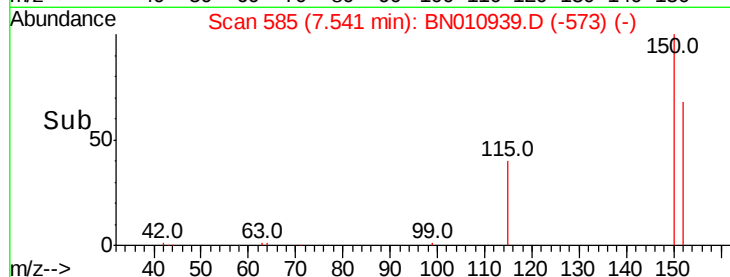
115 62.3 49.2 73.8



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: 0.434 ng

RT: 3.22 min Scan# 48

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

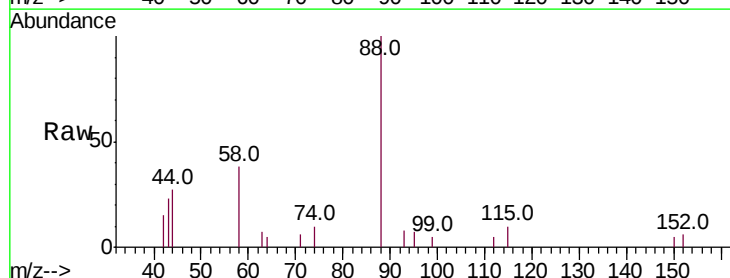
Tgt Ion: 88 Resp: 919

Ion Ratio Lower Upper

88 100

58 52.8 38.2 57.4

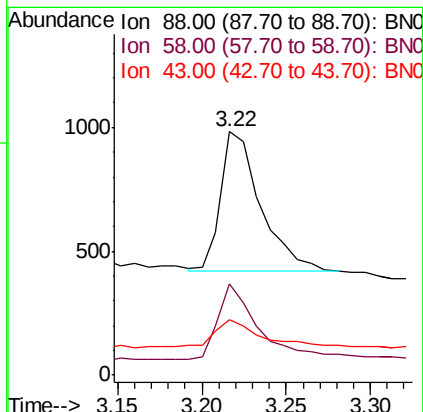
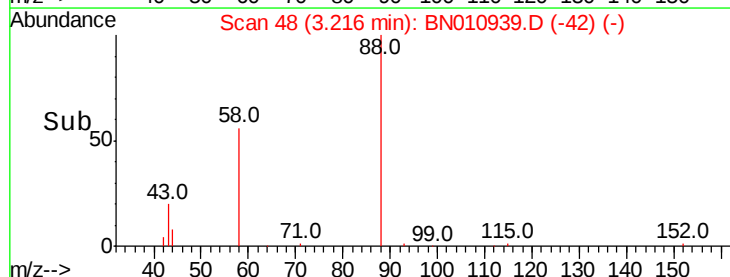
43 20.9 15.1 22.7



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



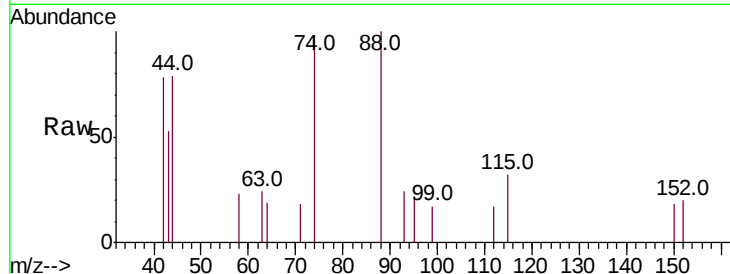


#3

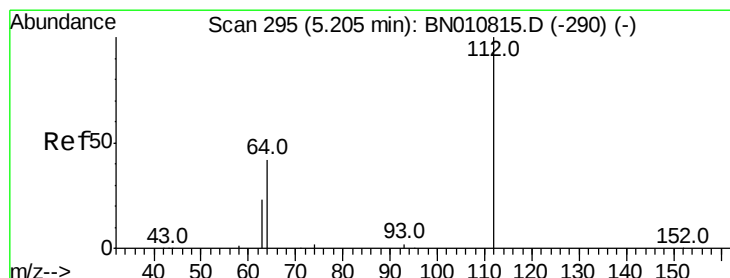
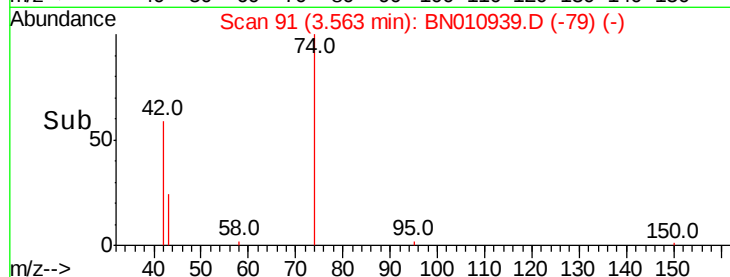
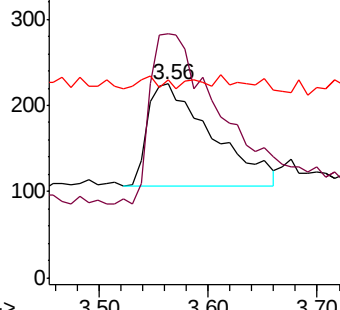
n-Nitrosodimethylamine
 Concen: 0.391 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BN010939.D
 Acq: 17 Jun 2020 12:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4

Tot Ion: 42 Resp: 481
 Ion Ratio Lower Upper
 42 100
 74 189.8 140.7 211.1
 44 3.5 1.4 2.2#



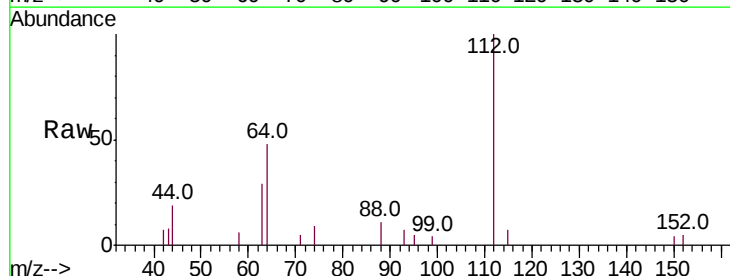
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



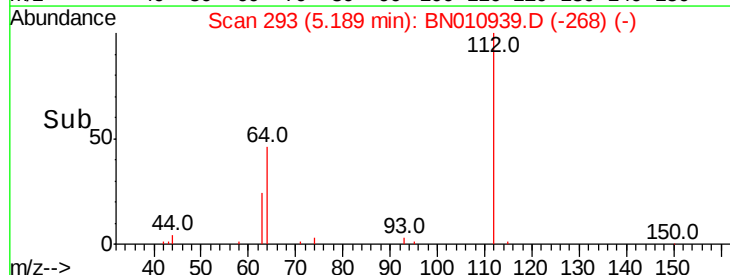
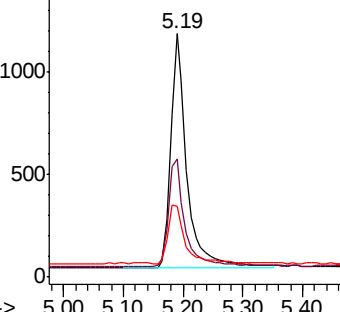
#4

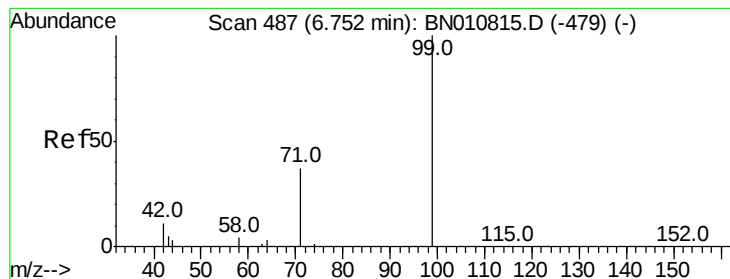
2-Fluorophenol
 Concen: 0.513 ng
 RT: 5.19 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BN010939.D
 Acq: 17 Jun 2020 12:19

Tgt Ion: 112 Resp: 2140
 Ion Ratio Lower Upper
 112 100
 64 46.5 37.4 56.0
 63 26.3 22.2 33.4



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: 0.451 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

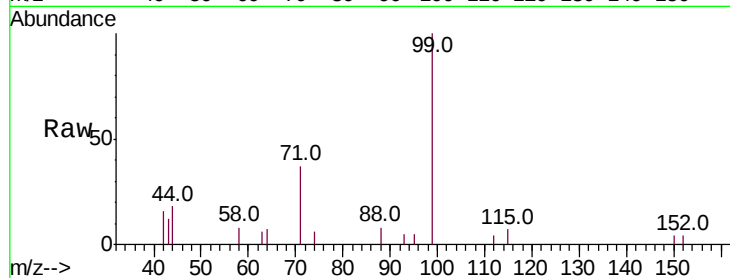
Tot Ion: 99 Resp: 2216

Ion Ratio Lower Upper

99 100

42 12.8 11.1 16.7

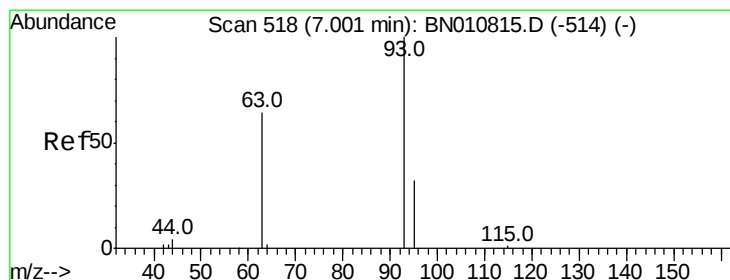
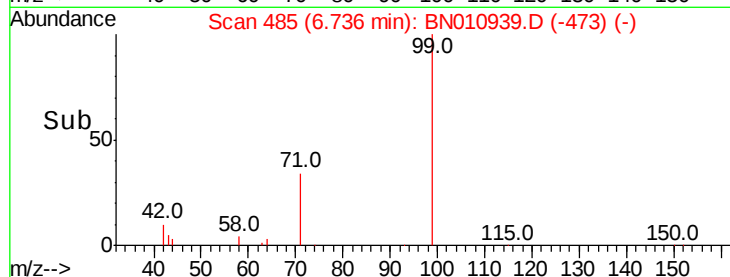
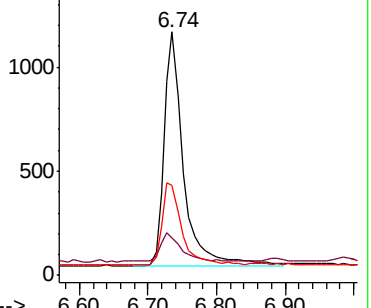
71 36.3 31.4 47.2



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: 0.439 ng

RT: 6.99 min Scan# 516

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

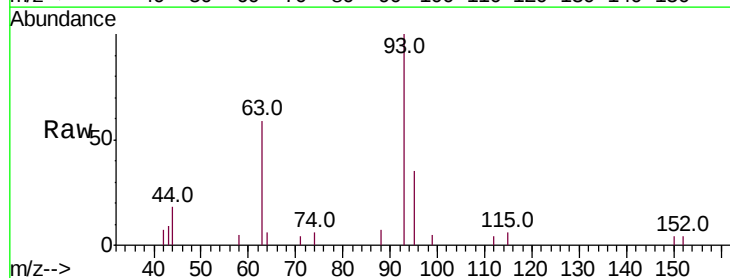
Tgt Ion: 93 Resp: 2105

Ion Ratio Lower Upper

93 100

63 59.2 49.4 74.2

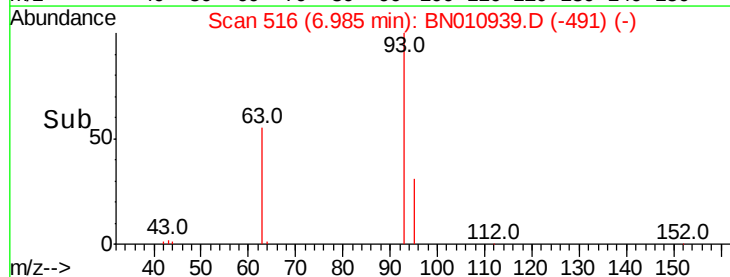
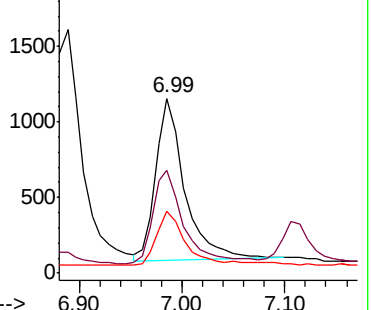
95 33.5 26.7 40.1



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: 10.29 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7467

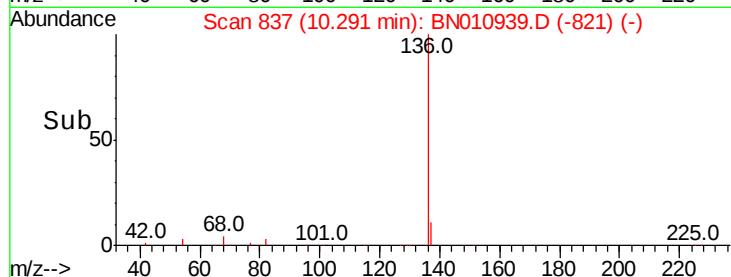
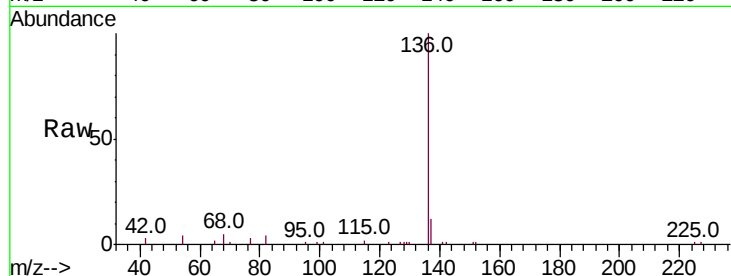
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 4.4 4.9 7.3#

68 4.8 4.7 7.1

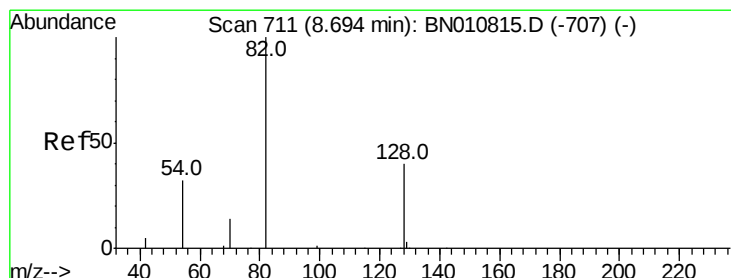
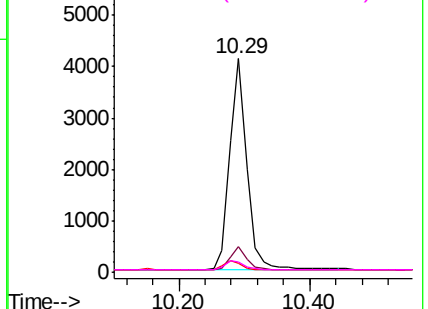


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.416 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

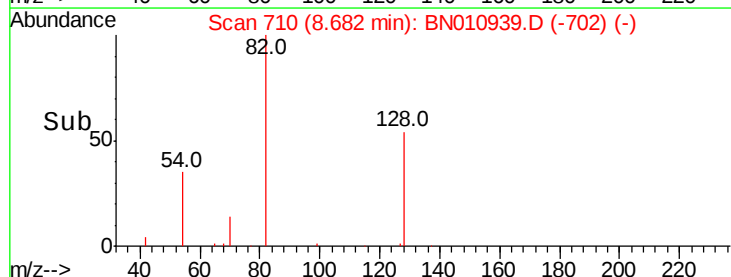
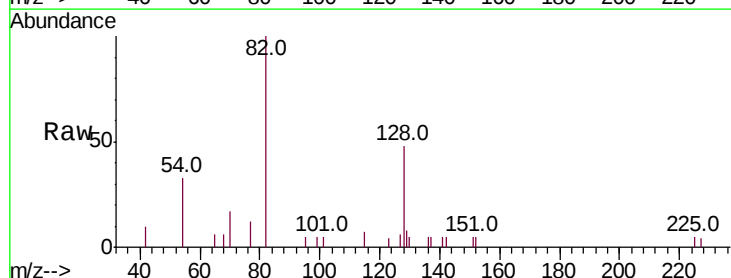
Tgt Ion: 82 Resp: 2300

Ion Ratio Lower Upper

82 100

128 48.5 35.4 53.0

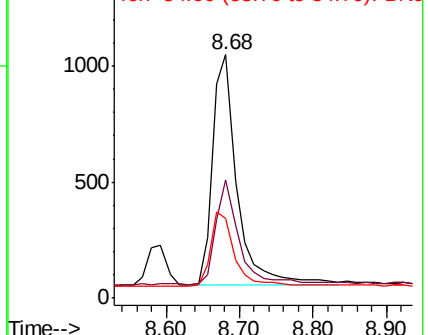
54 33.0 28.2 42.4



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: 0.421 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

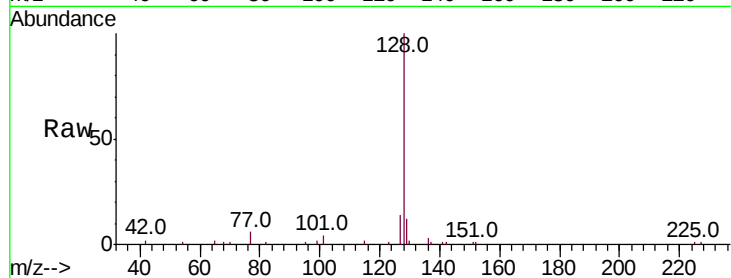
Tot Ion:128 Resp: 7909

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

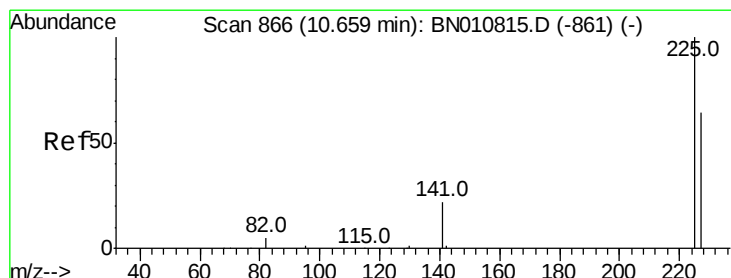
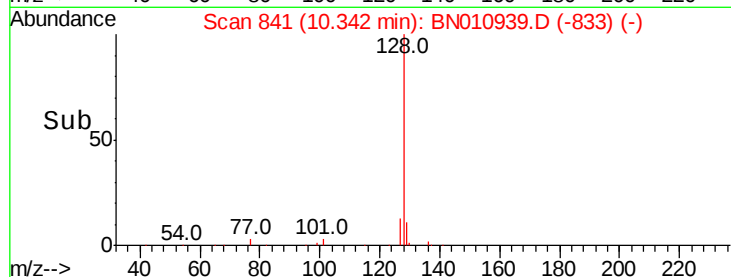
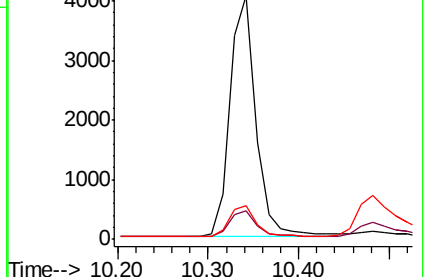
127 13.7 11.4 17.2



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: 0.411 ng

RT: 10.63 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

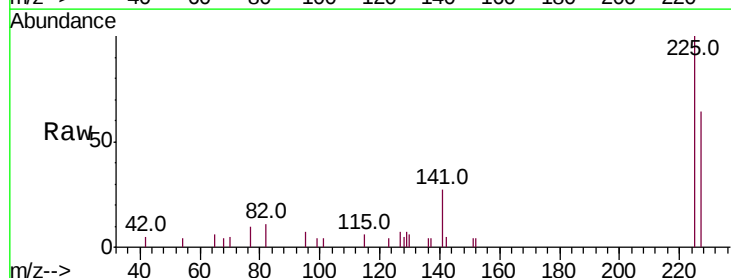
Tgt Ion:225 Resp: 1905

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

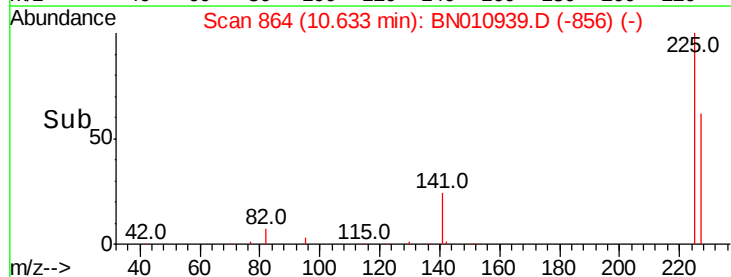
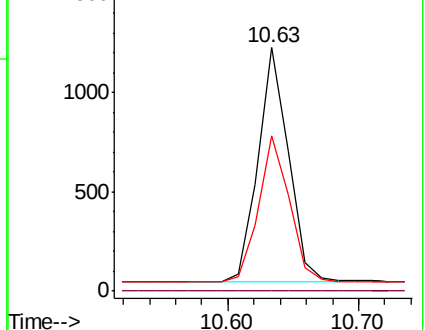
227 63.3 50.5 75.7

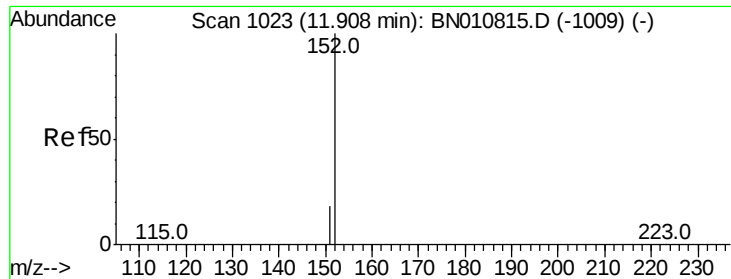


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

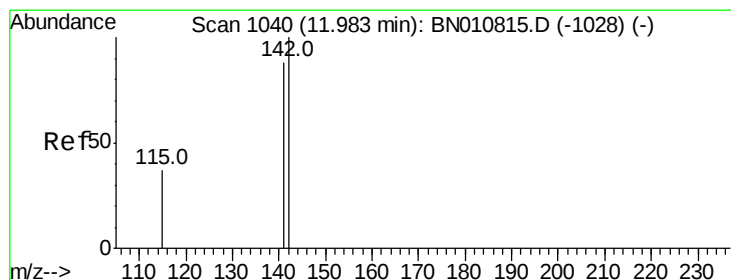
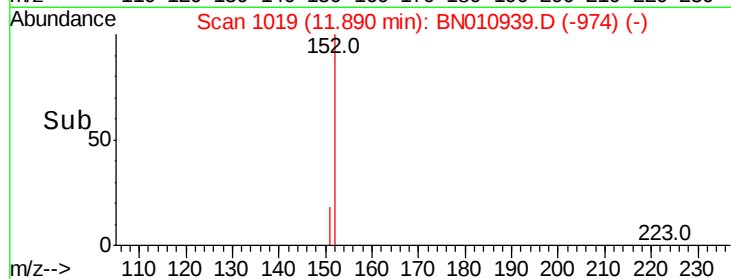
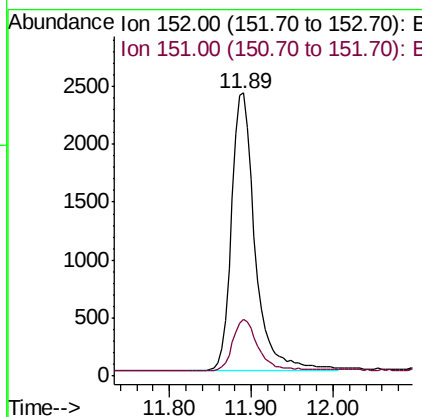
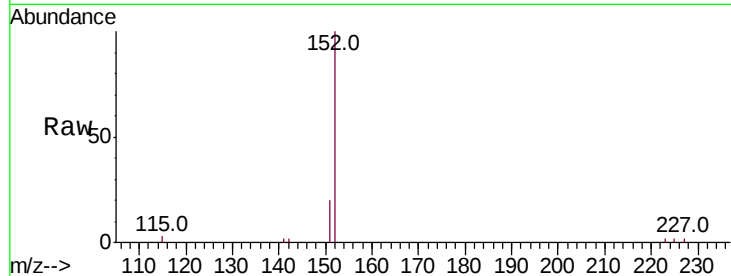




#11
 2-Methylnaphthalene-d10
 Concen: 0.413 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BN010939.D
 Acq: 17 Jun 2020 12:19

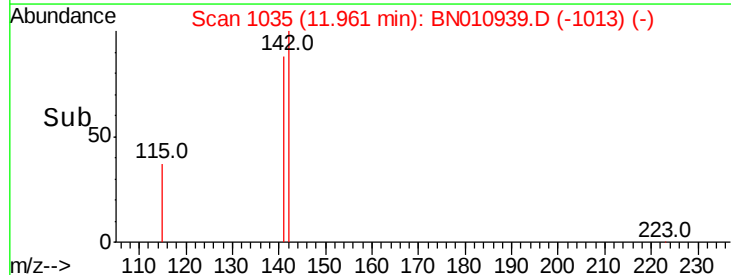
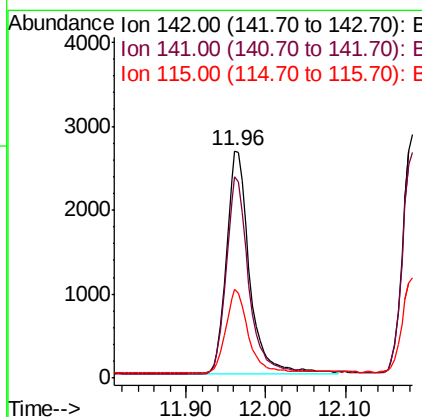
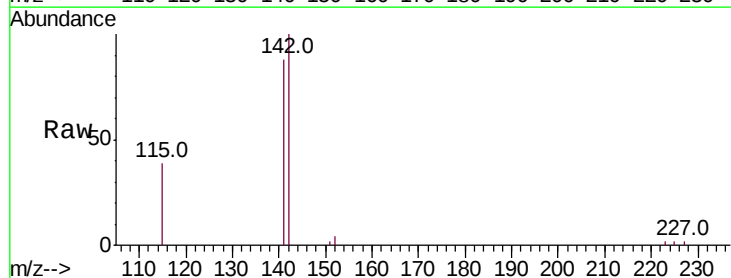
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

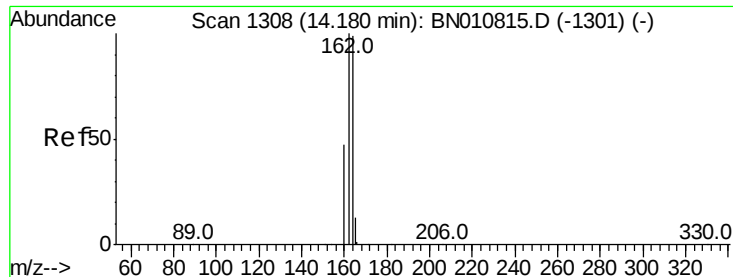
Tot Ion:152 Resp: 4785
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.422 ng
 RT: 11.96 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BN010939.D
 Acq: 17 Jun 2020 12:19

Tgt Ion:142 Resp: 5303
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.8 106.2
 115 39.1 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: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

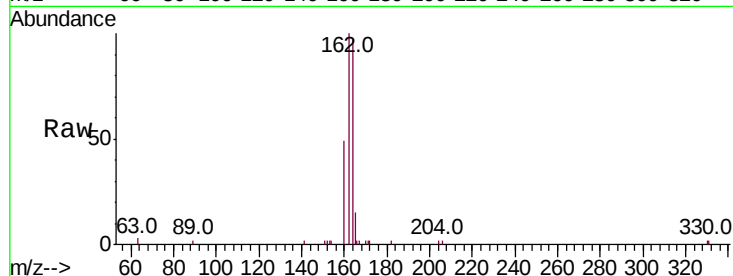
Tot Ion:164 Resp: 4046

Ion Ratio Lower Upper

164 100

162 103.5 81.0 121.6

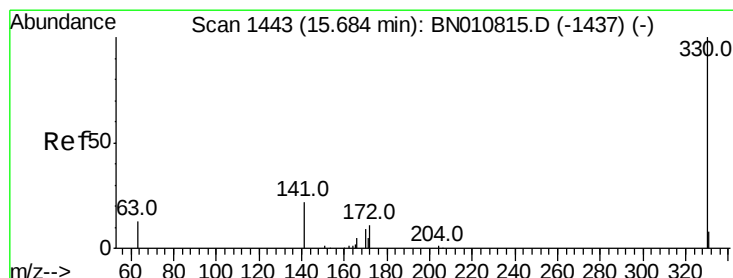
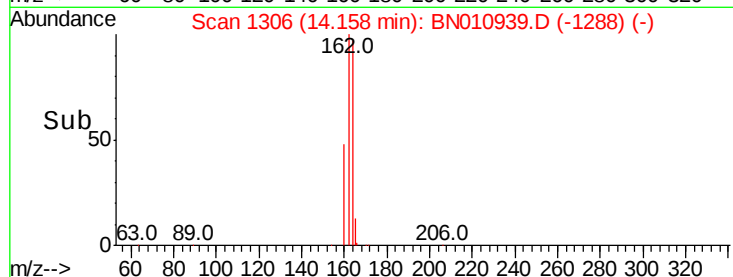
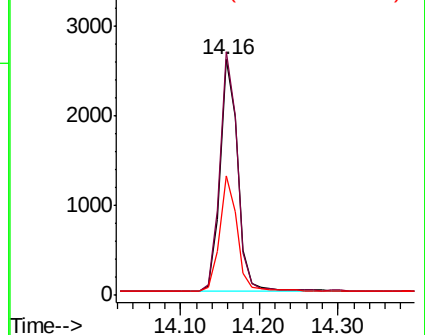
160 50.6 38.9 58.3



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: 0.390 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

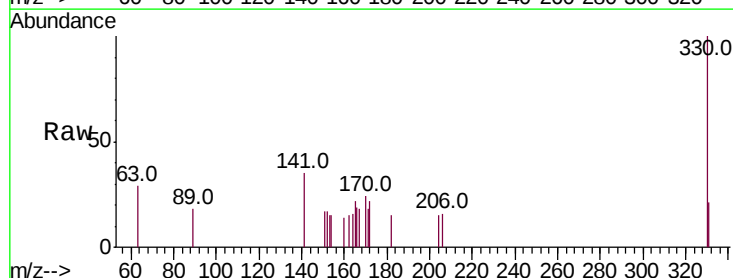
Tgt Ion:330 Resp: 565

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

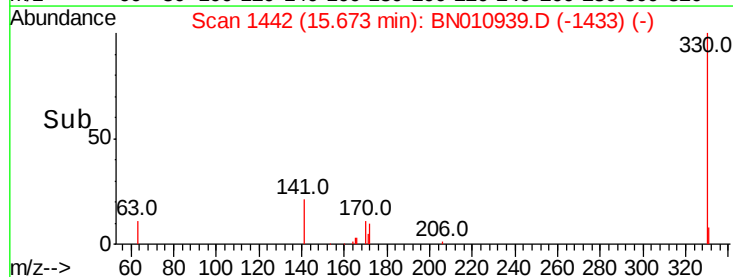
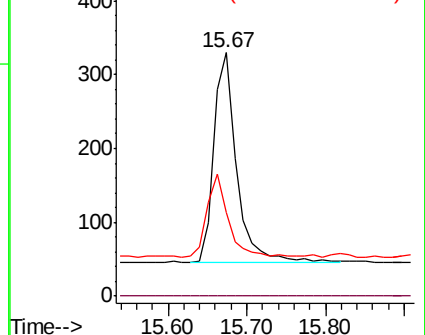
141 37.2 33.2 49.8



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

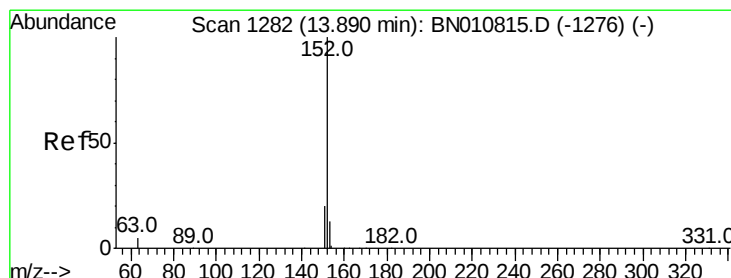
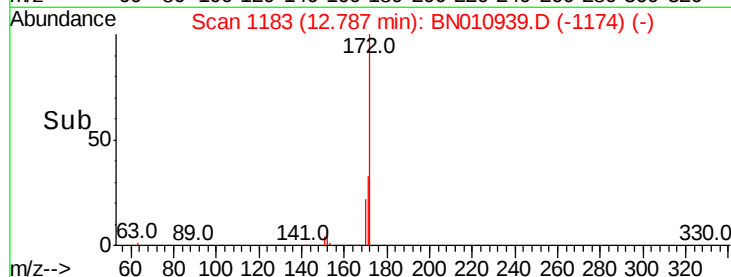
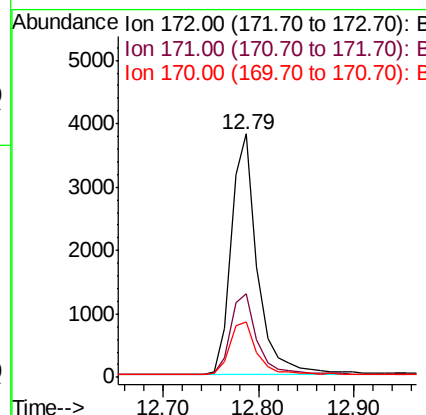
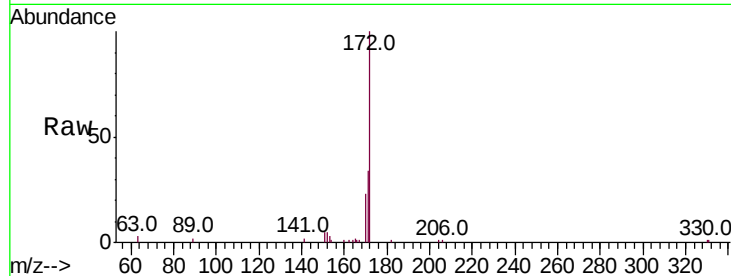




#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010939.D
Acq: 17 Jun 2020 12:19

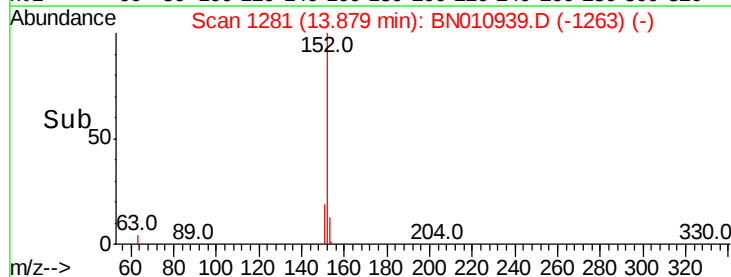
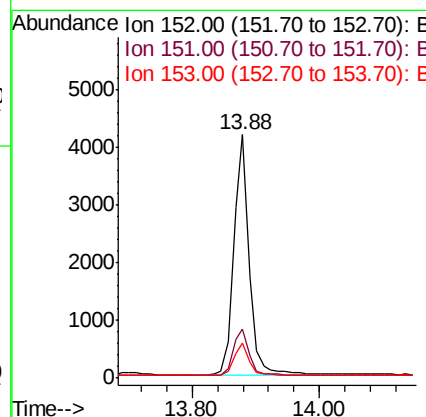
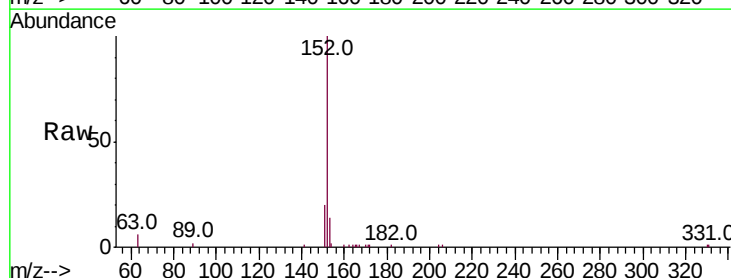
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

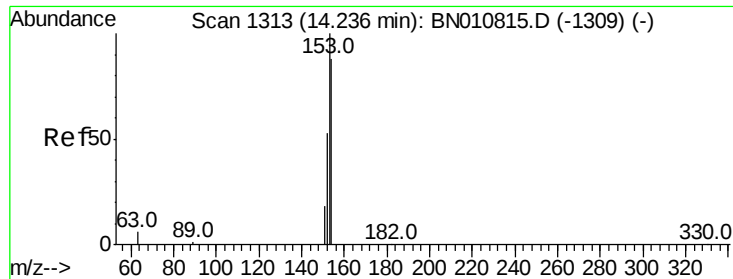
Tot Ion:172 Resp: 7203
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.8 19.7 29.5



#16
Acenaphthylene
Concen: 0.420 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010939.D
Acq: 17 Jun 2020 12:19

Tgt Ion:152 Resp: 6953
Ion Ratio Lower Upper
152 100
151 19.9 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.423 ng

RT: 14.22 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

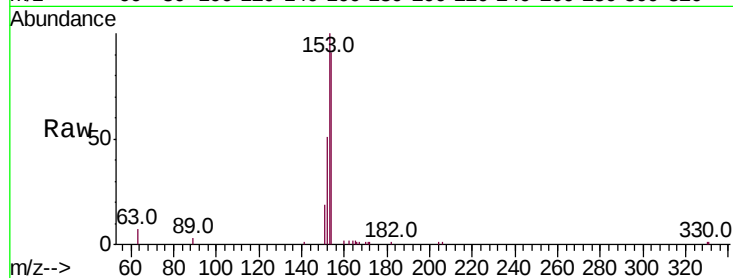
Tot Ion:154 Resp: 4778

Ion Ratio Lower Upper

154 100

153 113.1 91.8 137.6

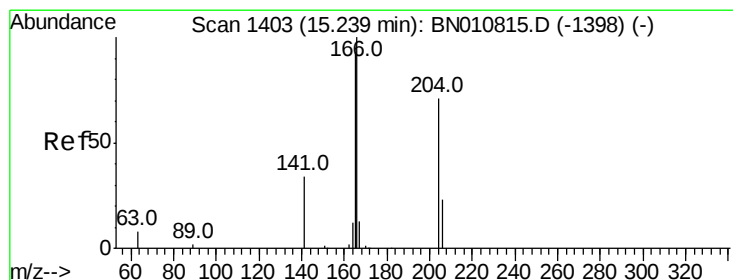
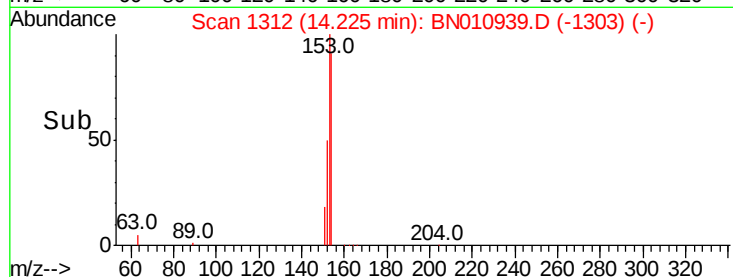
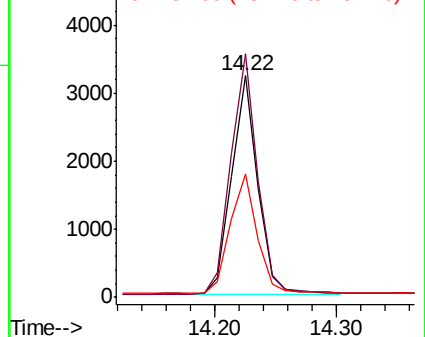
152 57.6 47.6 71.4



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: 0.420 ng

RT: 15.22 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

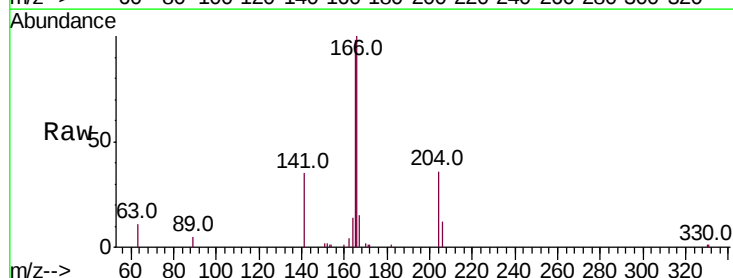
Tgt Ion:166 Resp: 6119

Ion Ratio Lower Upper

166 100

165 97.2 77.2 115.8

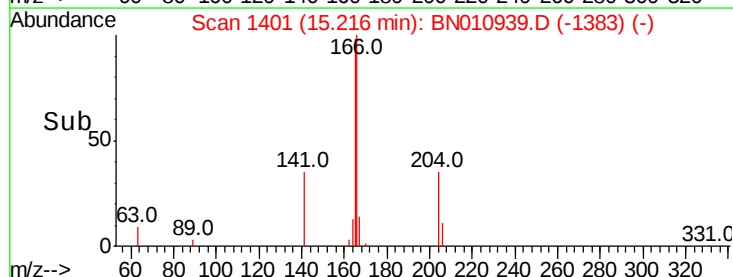
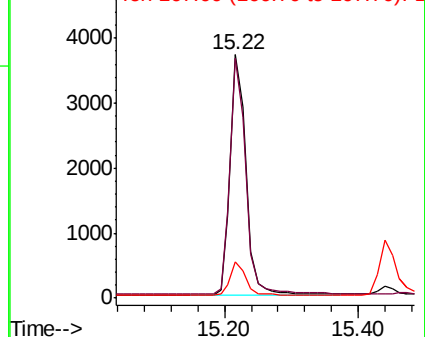
167 13.3 10.7 16.1

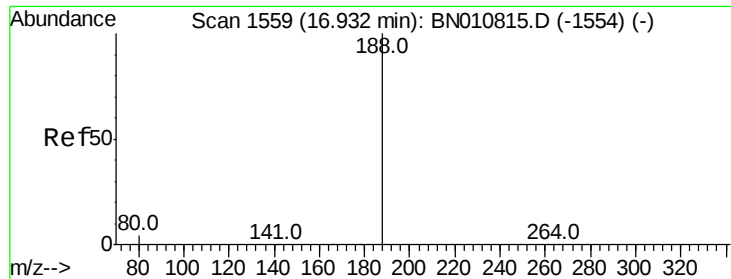


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

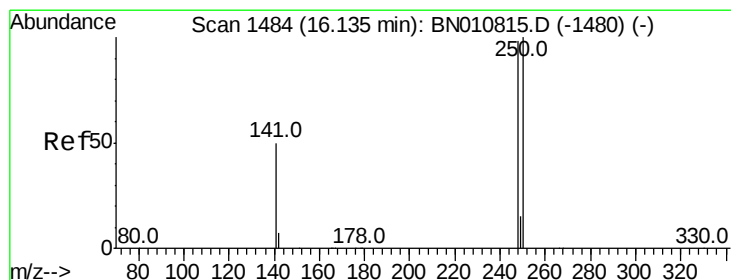
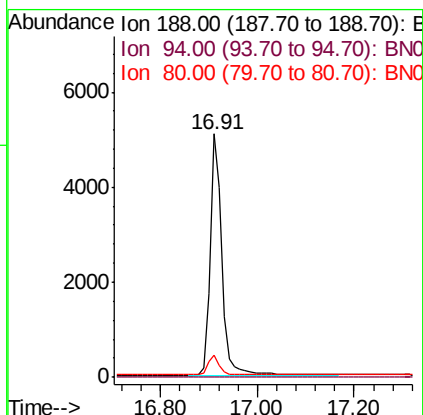
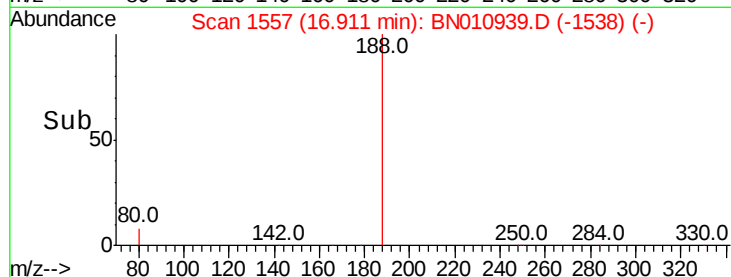
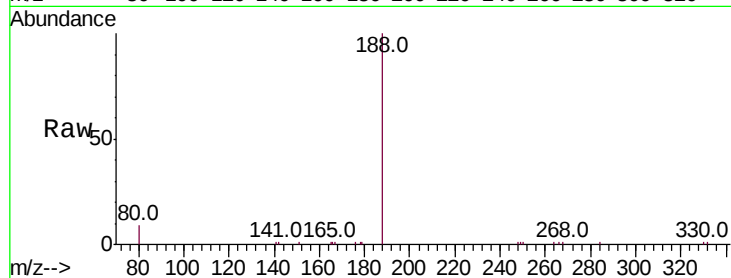
Tot Ion:188 Resp: 8513

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 4.5 6.7#



#20

4-Bromophenyl-phenylether

Concen: 0.391 ng

RT: 16.11 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

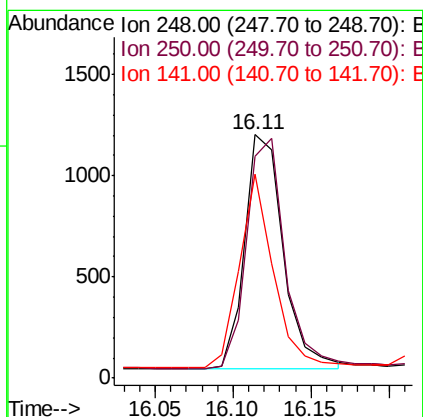
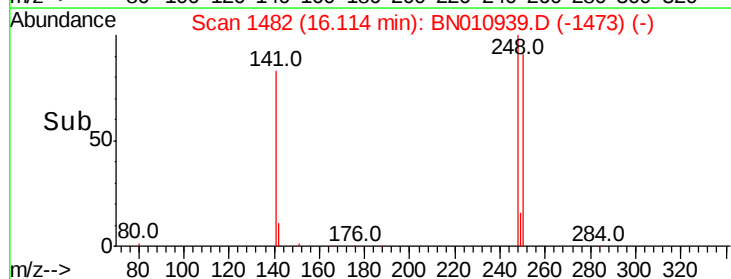
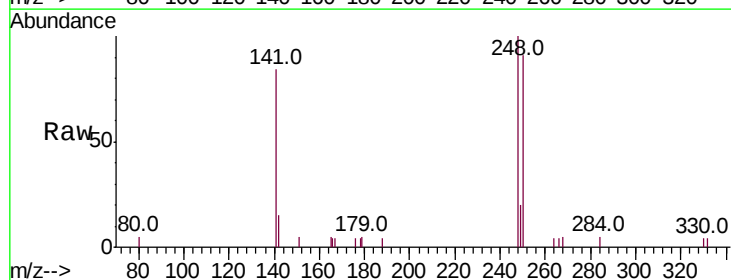
Tgt Ion:248 Resp: 1999

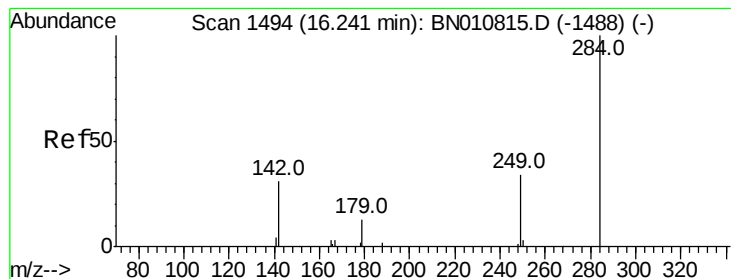
Ion Ratio Lower Upper

248 100

250 91.3 81.8 122.8

141 83.9 42.6 64.0#





#21

Hexachlorobenzene

Concen: 0.410 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

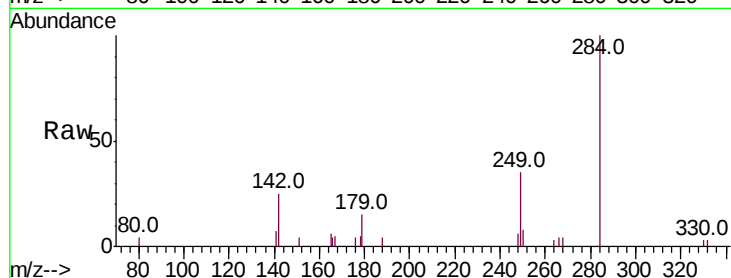
Tot Ion:284 Resp: 2187

Ion Ratio Lower Upper

284 100

142 37.1 31.0 46.4

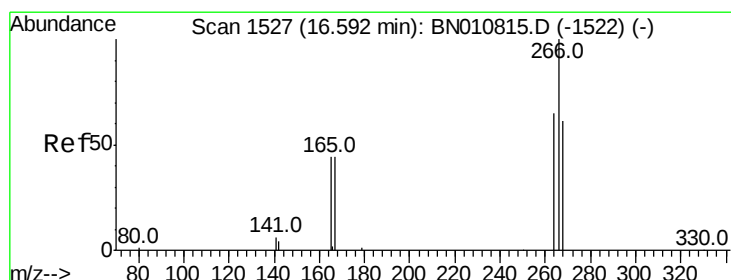
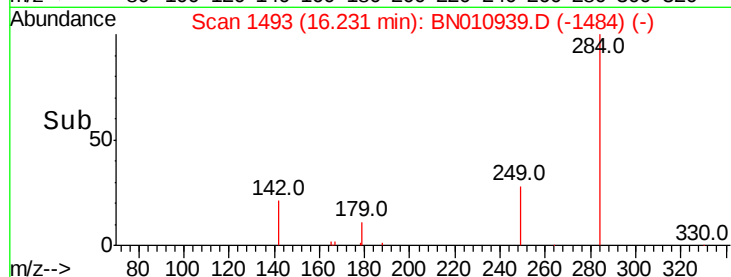
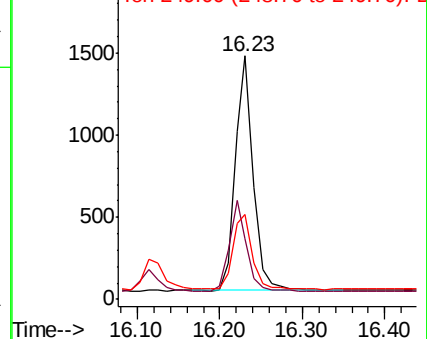
249 35.2 27.1 40.7



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: 0.410 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

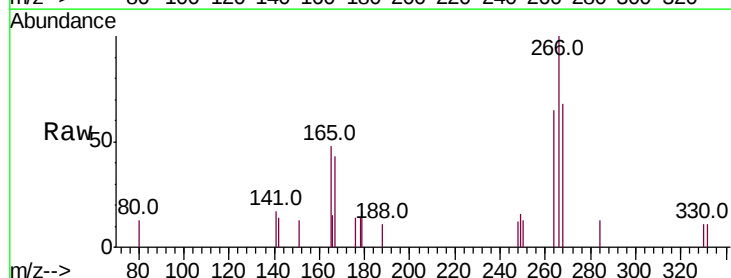
Tgt Ion:266 Resp: 735

Ion Ratio Lower Upper

266 100

264 65.2 54.8 82.2

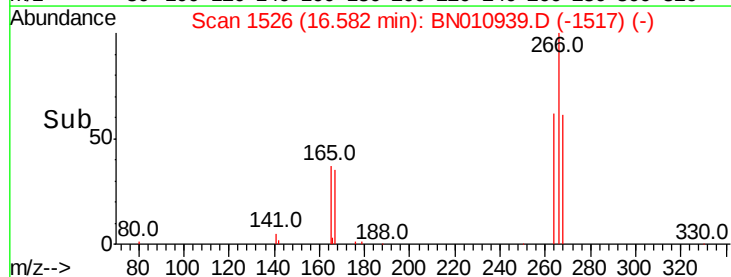
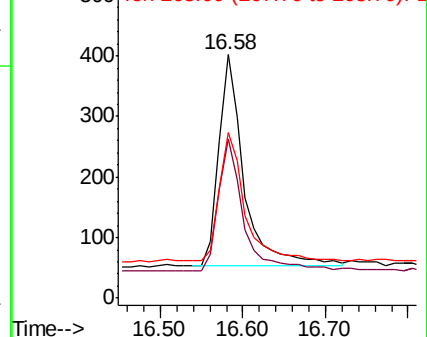
268 68.2 55.9 83.9



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: 0.413 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

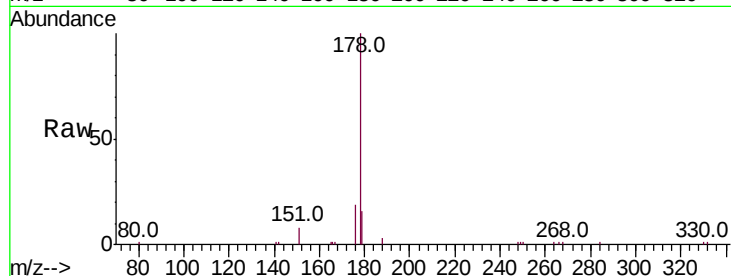
Tot Ion:178 Resp: 9592

Ion Ratio Lower Upper

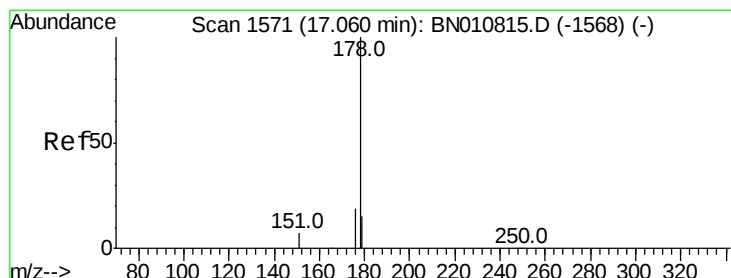
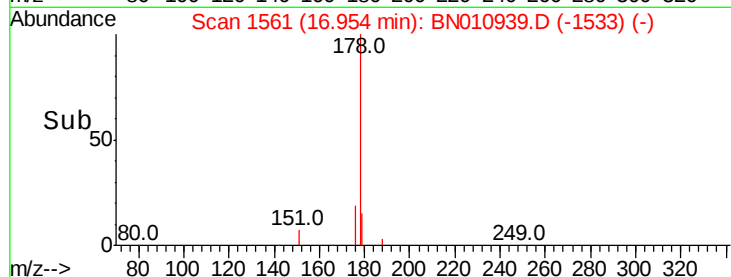
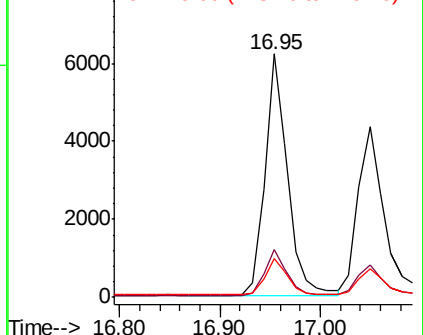
178 100

176 18.6 15.3 22.9

179 15.5 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: 0.406 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

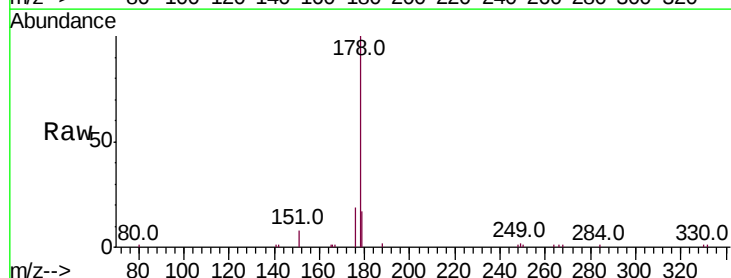
Tgt Ion:178 Resp: 7884

Ion Ratio Lower Upper

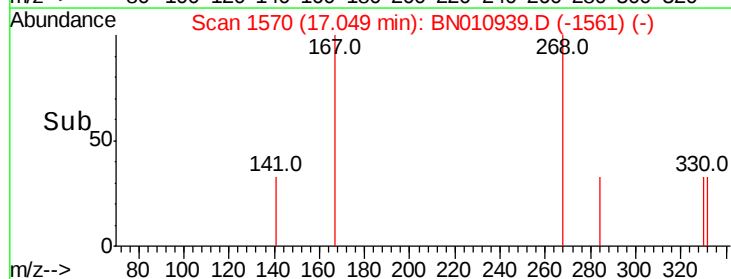
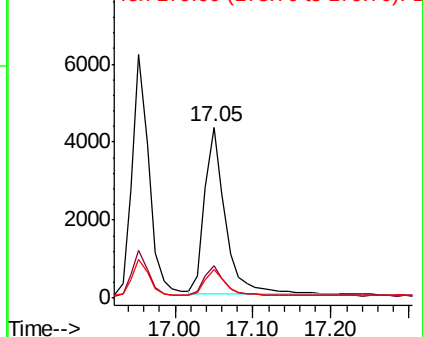
178 100

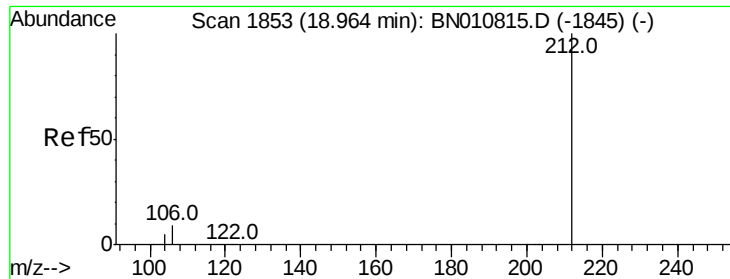
176 18.2 14.6 22.0

179 15.7 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

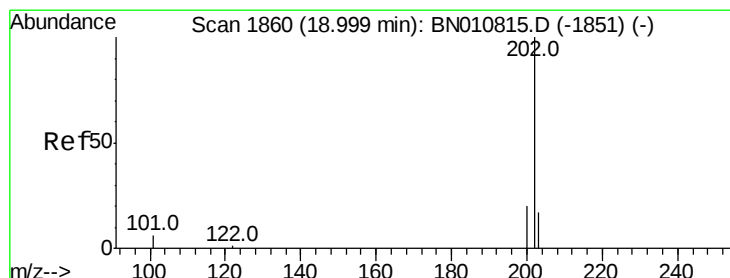
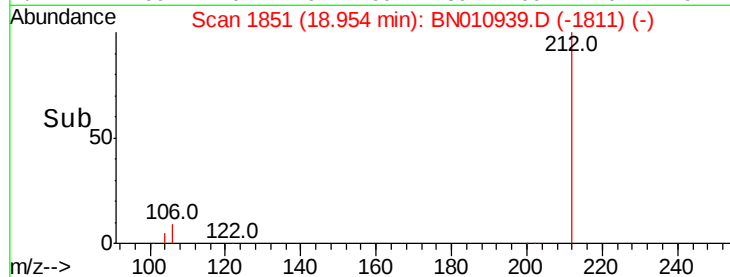
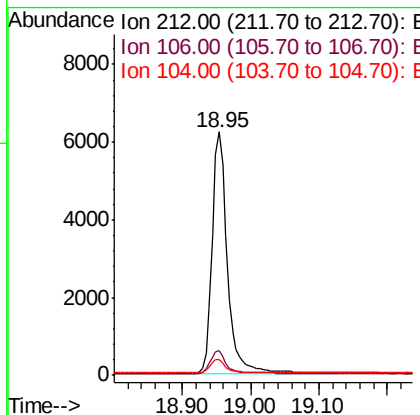
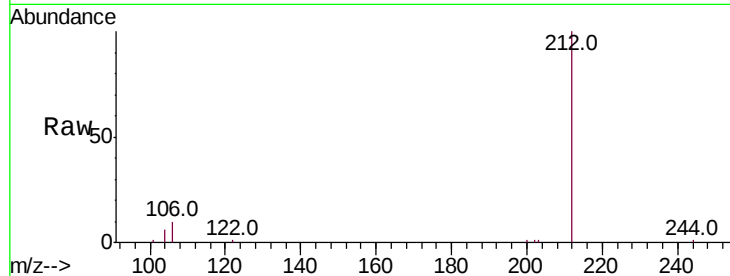




#25
 Fluoranthene-d10
 Concen: 0.417 ng
 RT: 18.95 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BN010939.D
 Acq: 17 Jun 2020 12:19

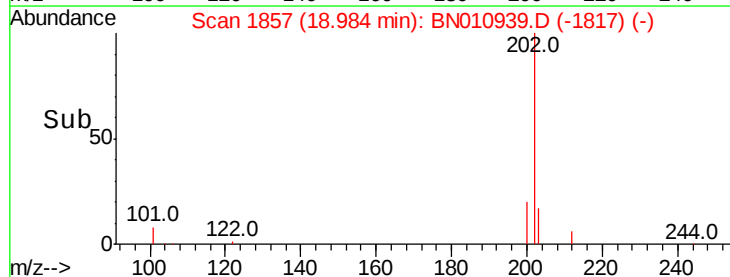
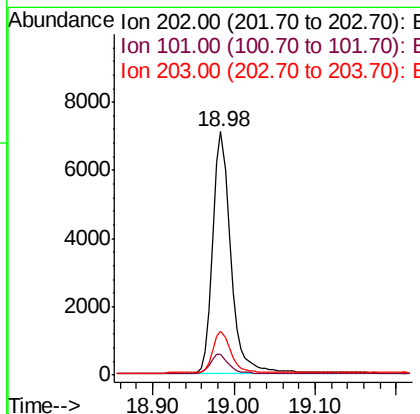
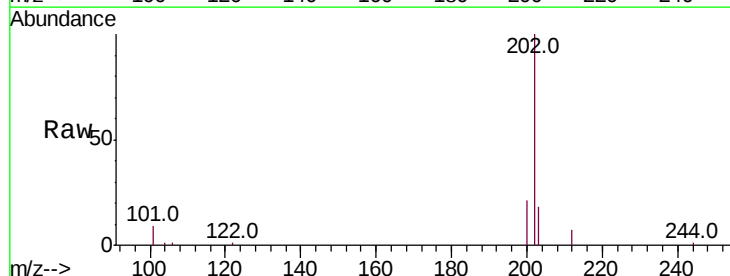
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
212	100		
106	9.4	6.6	10.0
104	5.6	4.0	6.0



#26
 Fluoranthene
 Concen: 0.413 ng
 RT: 18.98 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BN010939.D
 Acq: 17 Jun 2020 12:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.8	8.6
203	16.9	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

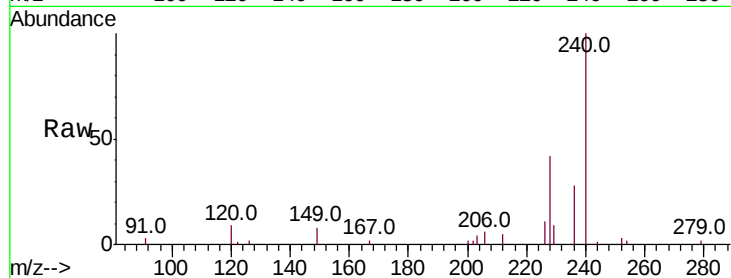
Tot Ion:240 Resp: 8034

Ion Ratio Lower Upper

240 100

120 9.0 7.5 11.3

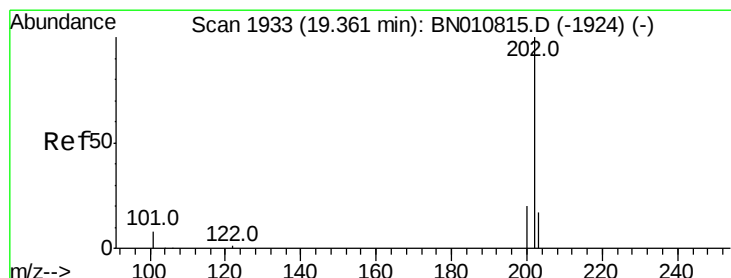
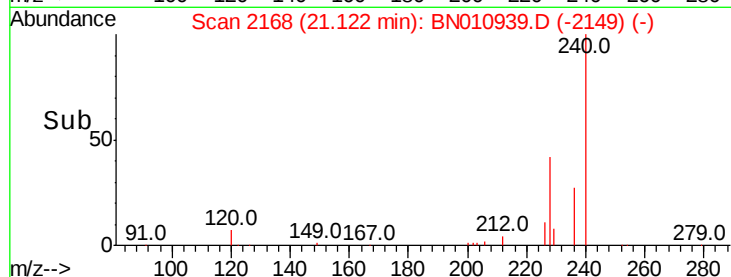
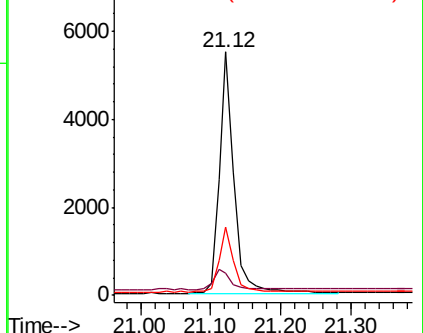
236 28.1 22.3 33.5



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



#28

Pyrene

Concen: 0.415 ng

RT: 19.35 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

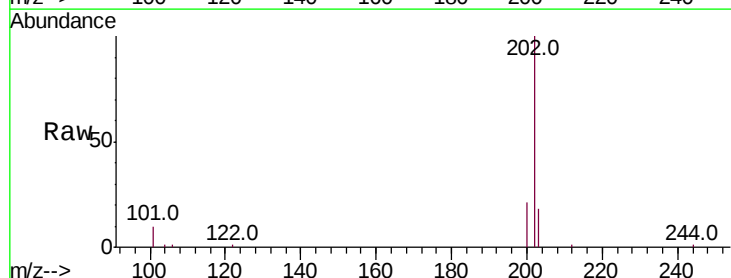
Tgt Ion:202 Resp: 11024

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

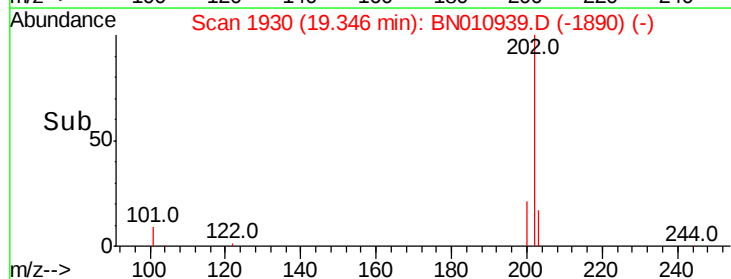
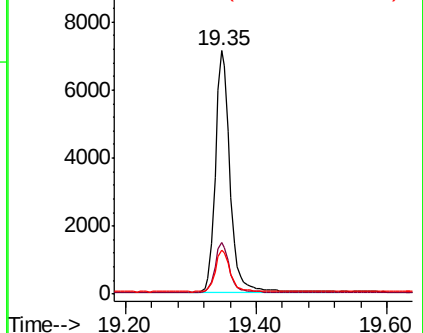
203 17.6 14.2 21.4

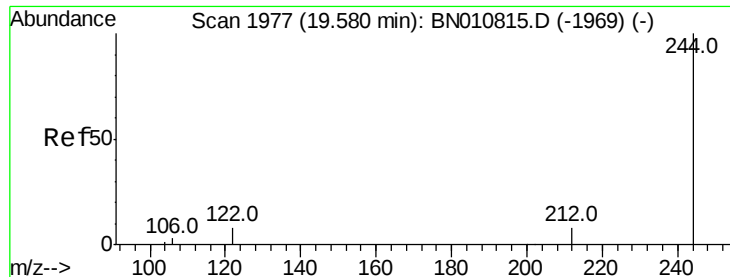


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.415 ng

RT: 19.57 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

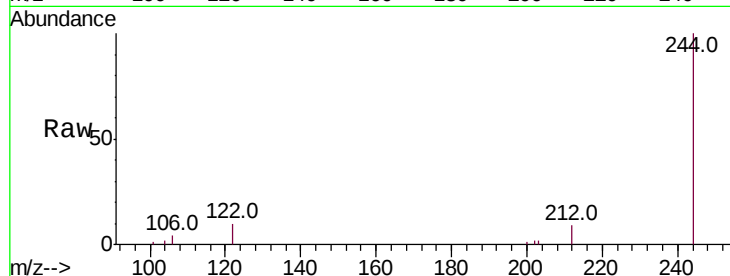
Tot Ion:244 Resp: 7803

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

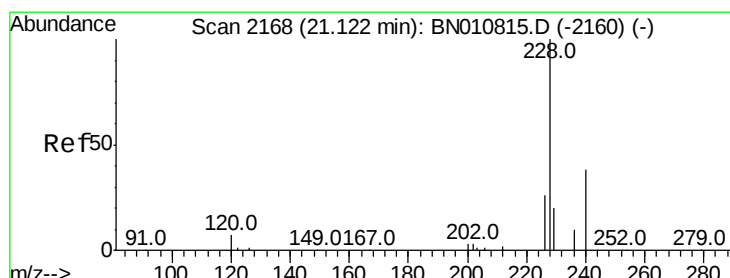
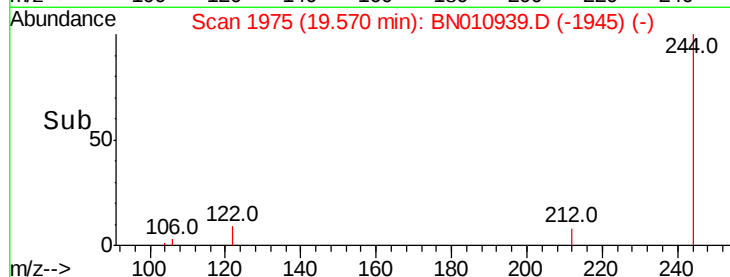
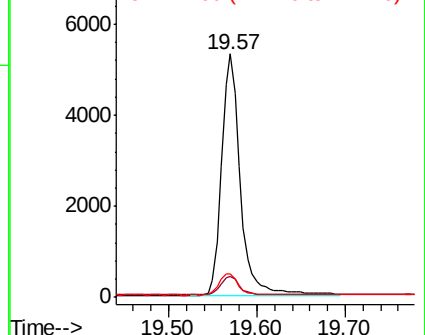
122 9.7 7.5 11.3



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: 0.411 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

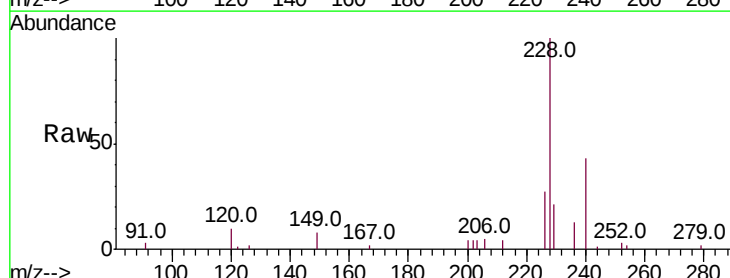
Tgt Ion:228 Resp: 9700

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

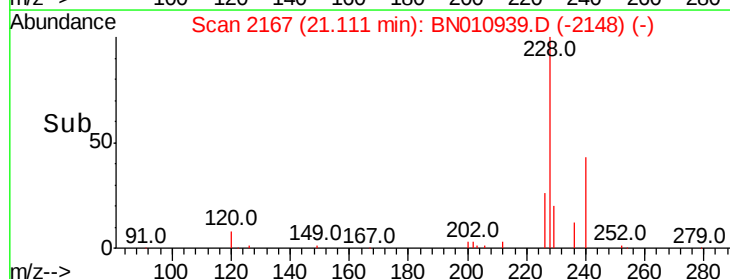
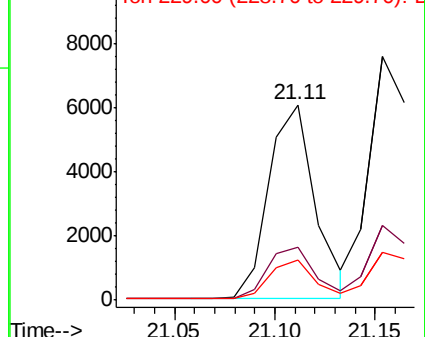
229 20.6 16.6 24.8



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: 0.426 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

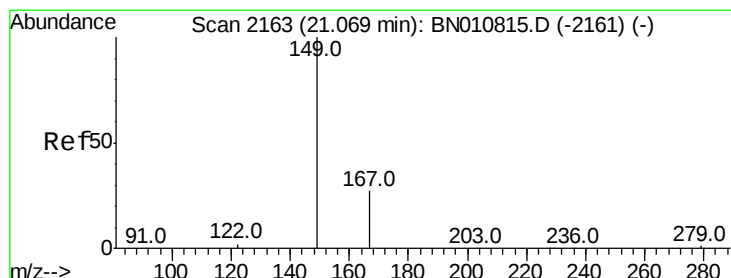
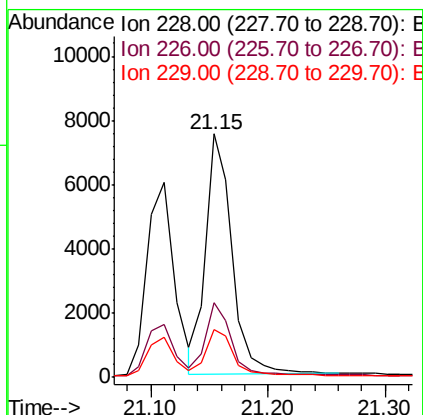
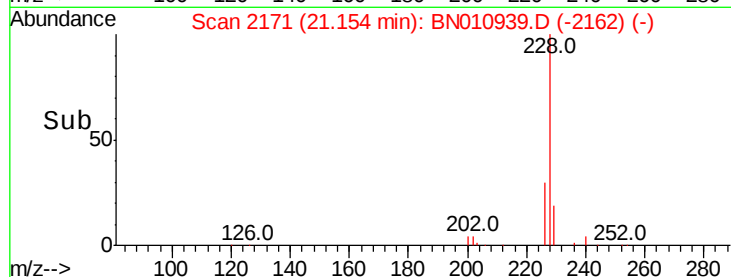
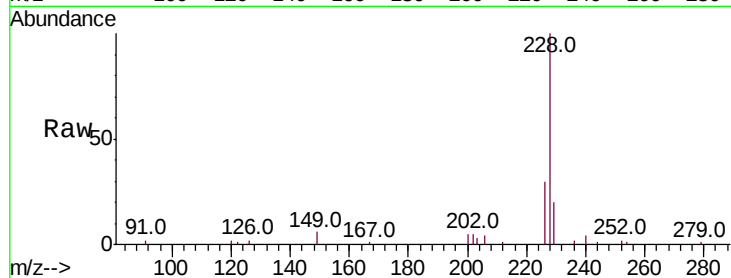
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 11715

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.6	16.1	24.1



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.422 ng

RT: 21.06 min Scan# 2162

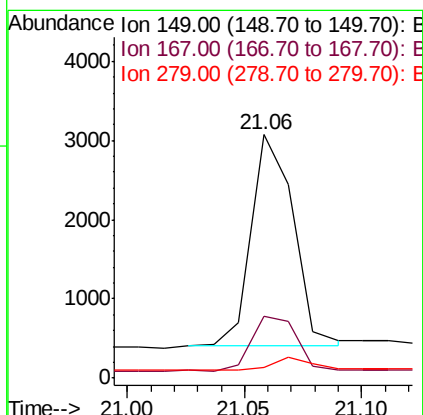
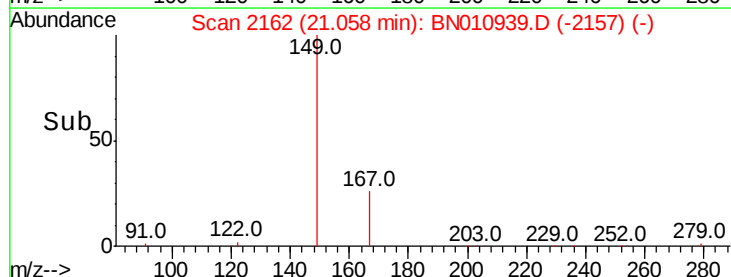
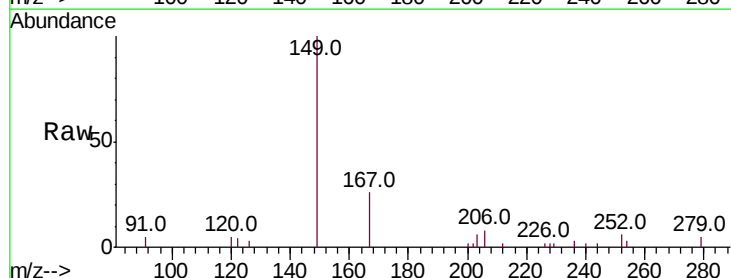
Delta R.T. 0.00 min

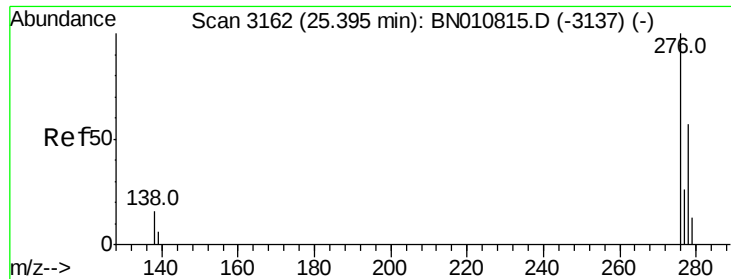
Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Tgt Ion:149 Resp: 3320

Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.1	36.1
279	5.2	4.6	7.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng

RT: 25.37 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

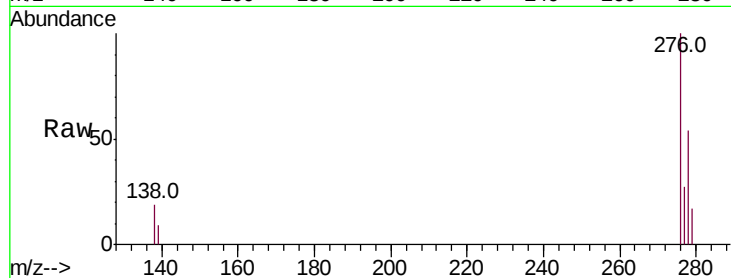
Tot Ion:276 Resp: 12684

Ion Ratio Lower Upper

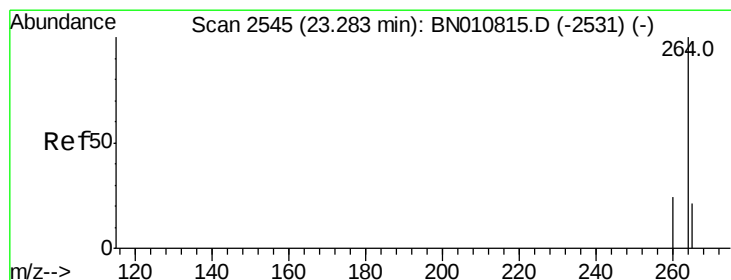
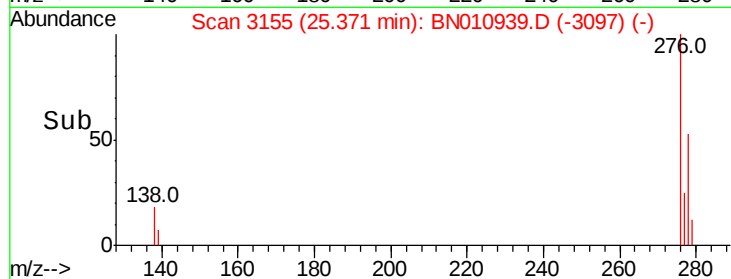
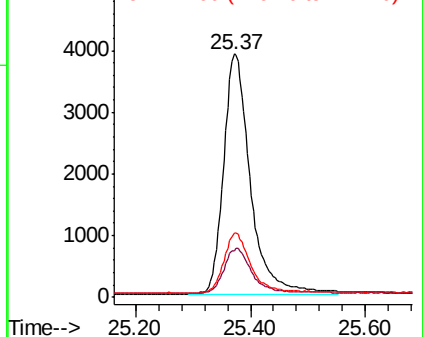
276 100

138 18.9 13.0 19.6

277 24.6 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: BN010939.D

Acq: 17 Jun 2020 12:19

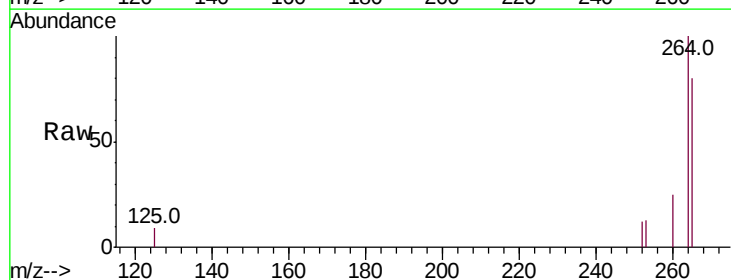
Tgt Ion:264 Resp: 9148

Ion Ratio Lower Upper

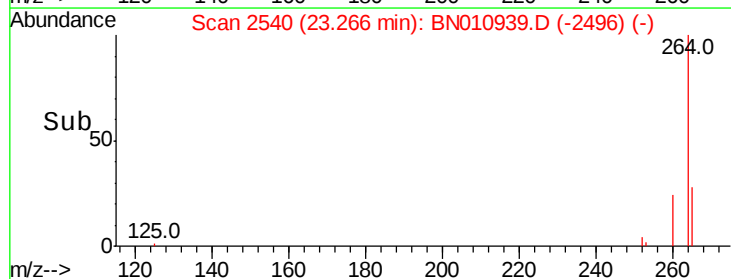
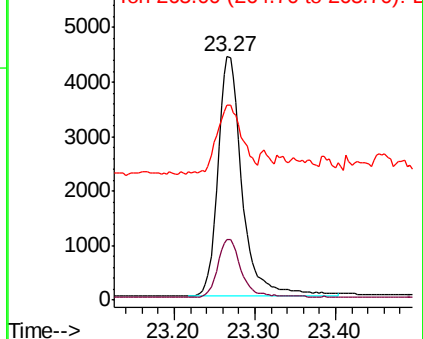
264 100

260 24.9 20.4 30.6

265 79.8 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: 0.350 ng

RT: 22.63 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

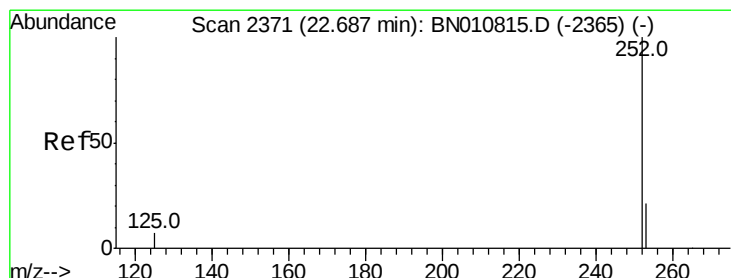
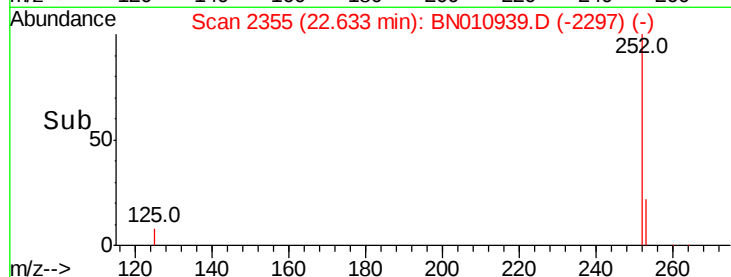
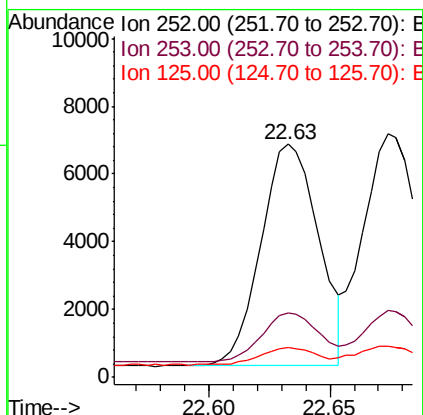
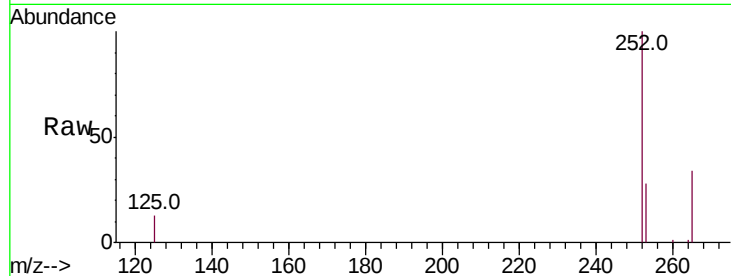
Tot Ion:252 Resp: 10878

Ion Ratio Lower Upper

252 100

253 27.7 22.4 33.6

125 12.9 9.4 14.0



#36

Benzo(k)fluoranthene

Concen: 0.362 ng

RT: 22.67 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

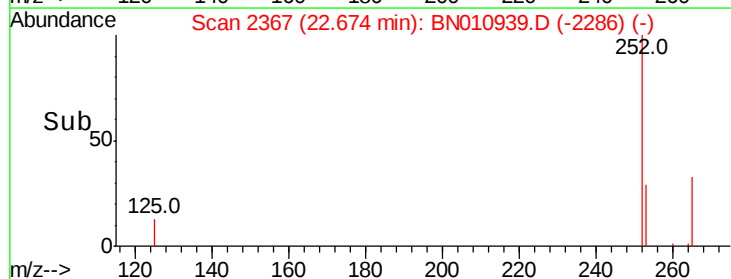
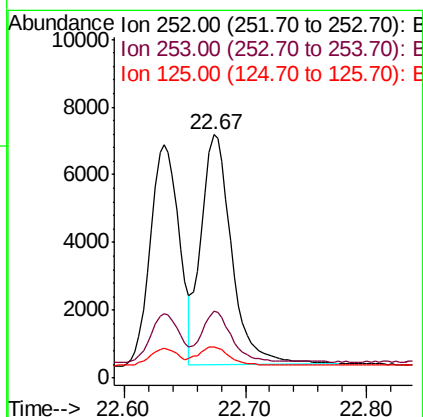
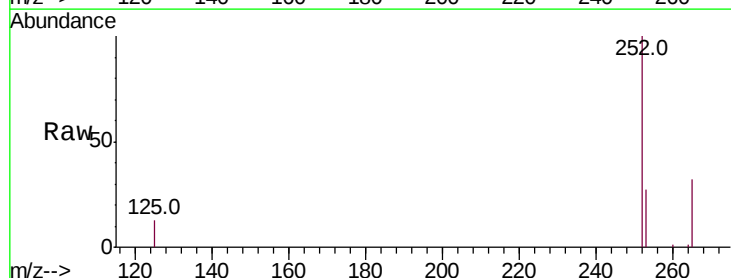
Tgt Ion:252 Resp: 11991

Ion Ratio Lower Upper

252 100

253 27.3 22.2 33.4

125 12.7 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.350 ng

RT: 23.17 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

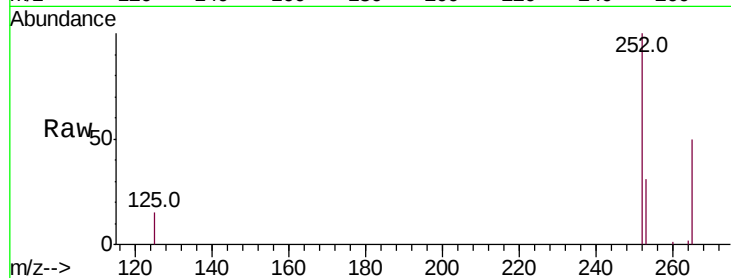
Tot Ion:252 Resp: 9333

Ion Ratio Lower Upper

252 100

253 30.7 25.8 38.8

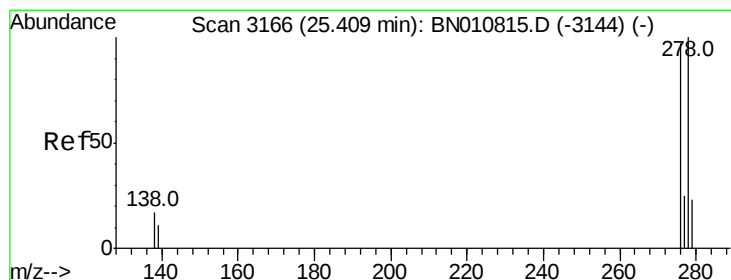
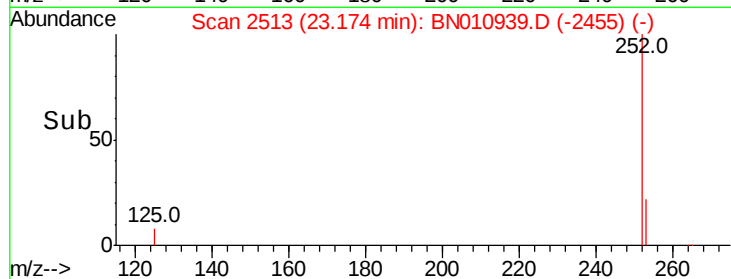
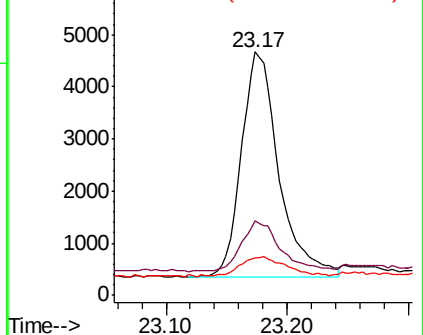
125 15.5 12.4 18.6



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: 0.333 ng

RT: 25.39 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

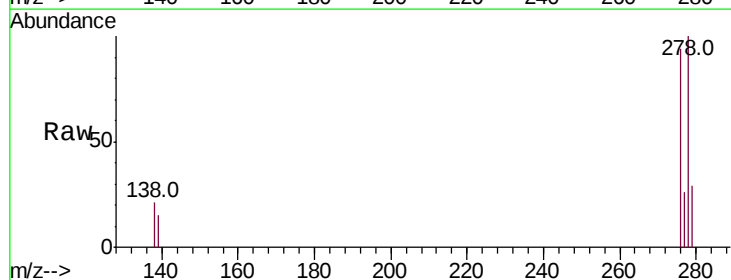
Tgt Ion:278 Resp: 10137

Ion Ratio Lower Upper

278 100

139 14.7 10.6 15.8

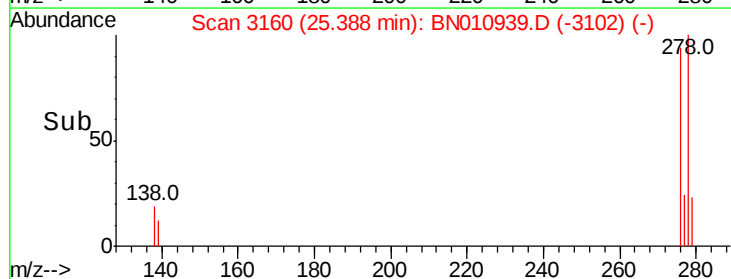
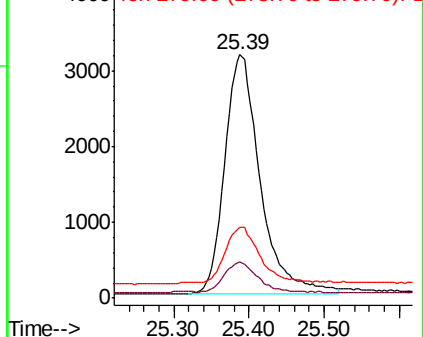
279 28.9 23.6 35.4



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: 0.345 ng

RT: 26.01 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BN010939.D

Acq: 17 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

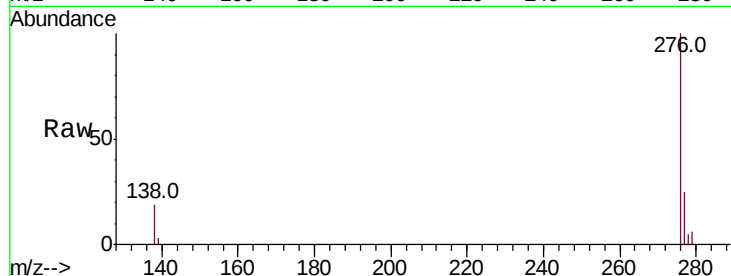
Tot Ion:276 Resp: 10981

Ion Ratio Lower Upper

276 100

277 25.4 20.5 30.7

138 18.6 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

