

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
 Data File : BN008739.D
 Acq On : 23 Nov 2019 21:10
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 11:48:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 25 10:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4474	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	17147	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11002	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	23730	0.40	ng	0.00
27) Chrysene-d12	21.16	240	23243	0.40	ng	0.00
34) Perylene-d12	23.32	264	23366	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	4754	0.41	ng	0.00
5) Phenol-d6	6.78	99	6250	0.42	ng	0.00
8) Nitrobenzene-d5	8.72	82	6174	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	10975	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2040	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	17196	0.40	ng	0.00
25) Fluoranthene-d10	19.00	212	27560	0.40	ng	0.00
29) Terphenyl-d14	19.61	244	22426	0.40	ng	0.00

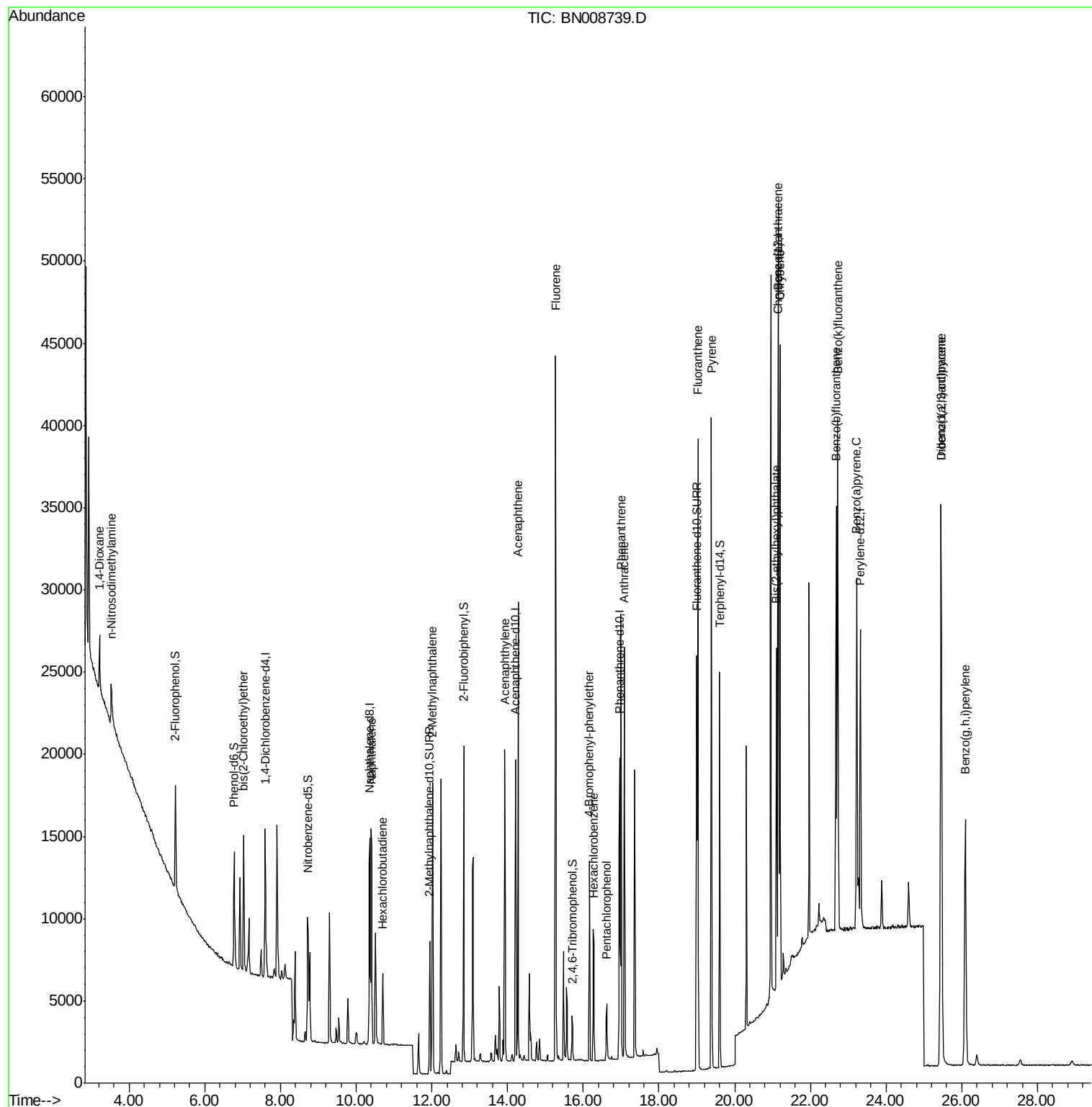
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1834	0.388	ng	97
3) n-Nitrosodimethylamine	3.53	42	2212	0.377	ng	# 100
6) bis(2-Chloroethyl)ether	7.03	93	5784	0.417	ng	99
9) Naphthalene	10.39	128	18413	0.402	ng	99
10) Hexachlorobutadiene	10.70	225	3786	0.399	ng	# 100
12) 2-Methylnaphthalene	12.02	142	12992	0.408	ng	99
16) Acenaphthylene	13.93	152	20416	0.403	ng	100
17) Acenaphthene	14.28	154	13166	0.395	ng	99
18) Fluorene	15.27	166	17164	0.402	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	5908	0.399	ng	97
21) Hexachlorobenzene	16.28	284	6586	0.404	ng	99
22) Pentachlorophenol	16.62	266	1935	0.331	ng	98
23) Phenanthrene	17.00	178	29041	0.397	ng	100
24) Anthracene	17.09	178	25840	0.395	ng	99
26) Fluoranthene	19.03	202	33531	0.390	ng	100
28) Pyrene	19.39	202	33954	0.396	ng	100
30) Benzo(a)anthracene	21.14	228	32867	0.386	ng	99
31) Chrysene	21.20	228	33355	0.405	ng	98
32) Bis(2-ethylhexyl)phthalate	21.10	149	18302	0.331	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	36852	0.401	ng	99
35) Benzo(b)fluoranthene	22.68	252	32473	0.402	ng	98
36) Benzo(k)fluoranthene	22.72	252	32835	0.401	ng	97
37) Benzo(a)pyrene	23.23	252	29457	0.394	ng	97
38) Dibenzo(a,h)anthracene	25.46	278	29725	0.403	ng	99
39) Benzo(g,h,i)perylene	26.09	276	29472	0.400	ng	99

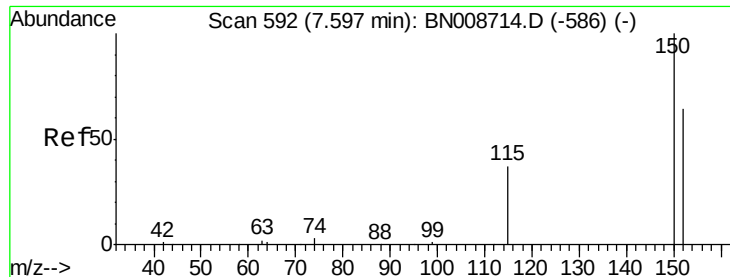
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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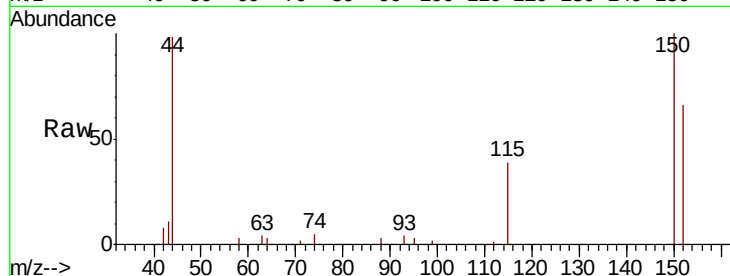


#1

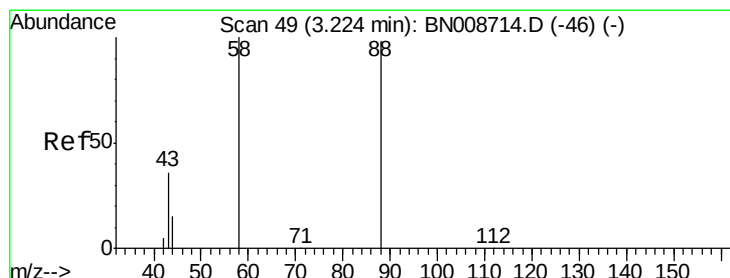
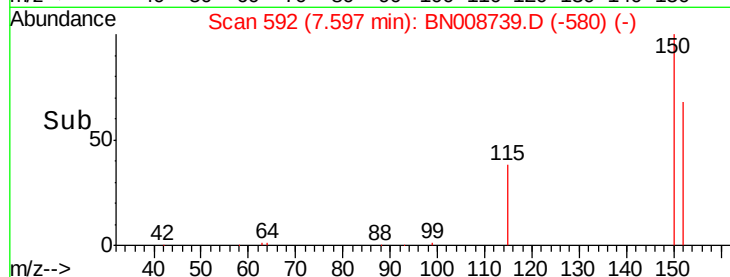
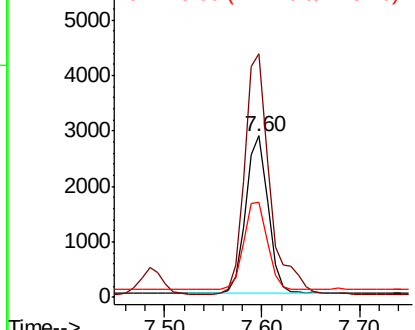
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4474
Ion Ratio Lower Upper
152 100
150 150.7 124.0 186.0
115 58.8 49.8 74.8



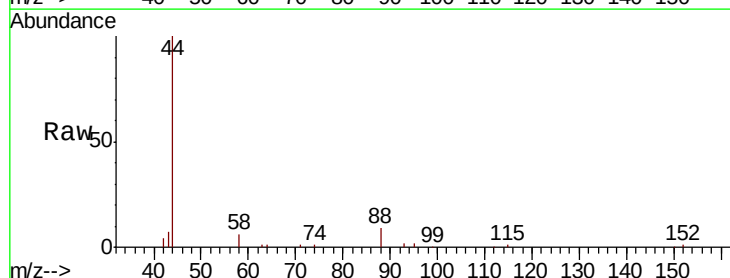
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



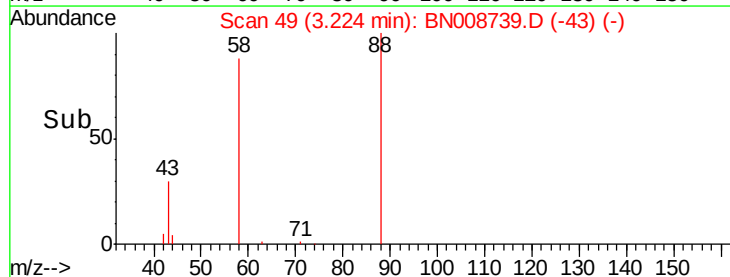
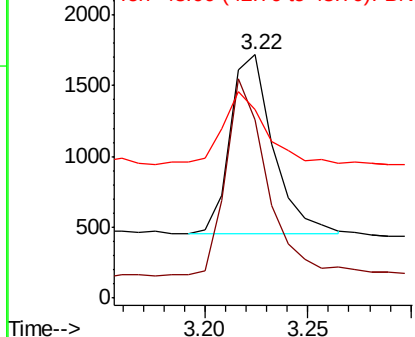
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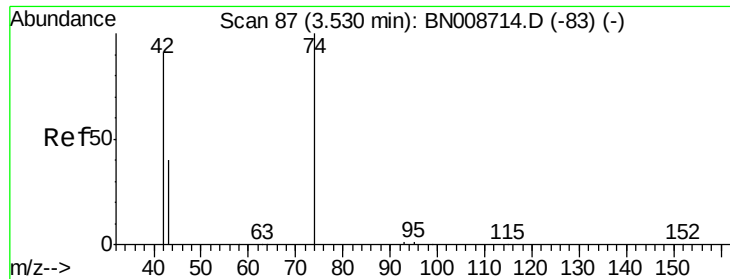
1,4-Dioxane
Concen: 0.388 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion: 88 Resp: 1834
Ion Ratio Lower Upper
88 100
58 103.4 85.7 128.5
43 38.1 29.5 44.3



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



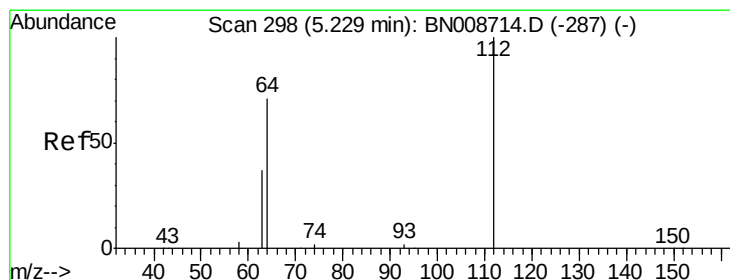
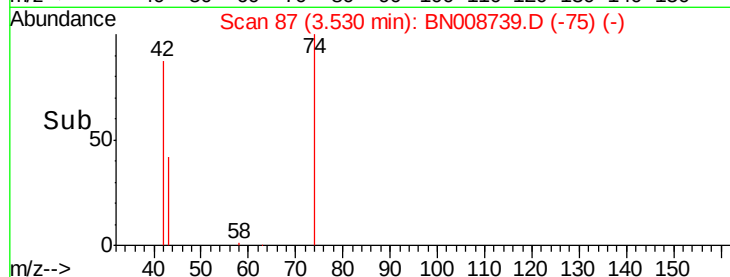
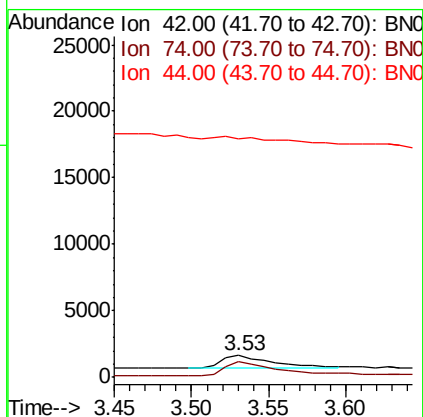
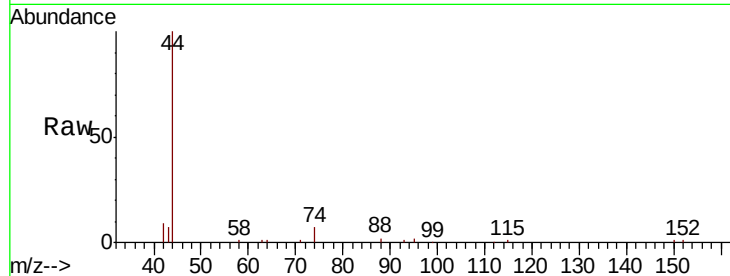


#3

n-Nitrosodimethylamine
 Concen: 0.377 ng
 RT: 3.53 min Scan# 87
 Delta R.T. 0.00 min
 Lab File: BN008739.D
 Acq: 23 Nov 2019 21:10

Instrument :
 BNA_N
 ClientSampleId :

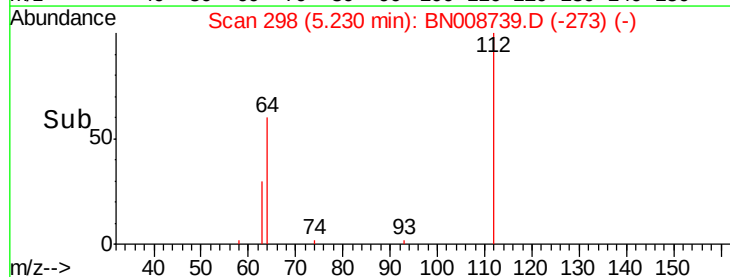
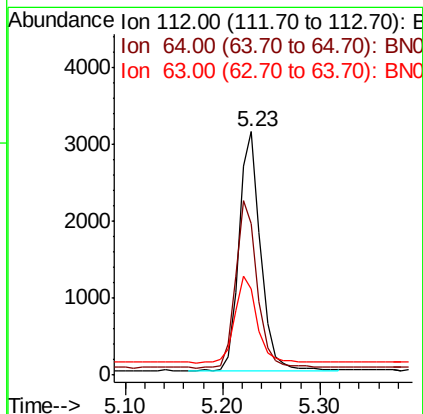
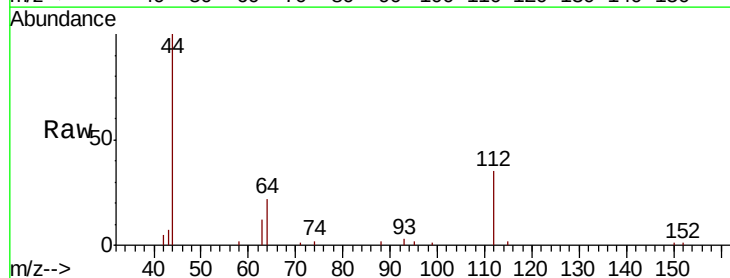
Tot Ion	Ratio	Lower	Upper
42	100		
74	109.7	88.0	132.0
44	0.0	0.0	0.0

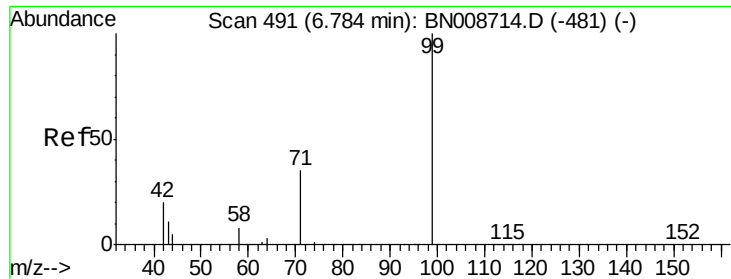


#4

2-Fluorophenol
 Concen: 0.406 ng
 RT: 5.23 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BN008739.D
 Acq: 23 Nov 2019 21:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.1	85.7
63	37.3	29.7	44.5





#5

Phenol-d6

Concen: 0.422 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampled :

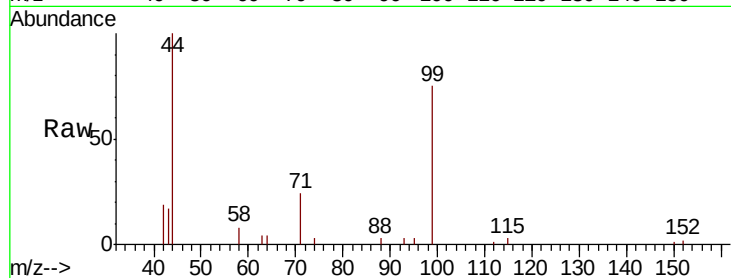
Tot Ion: 99 Resp: 6250

Ion Ratio Lower Upper

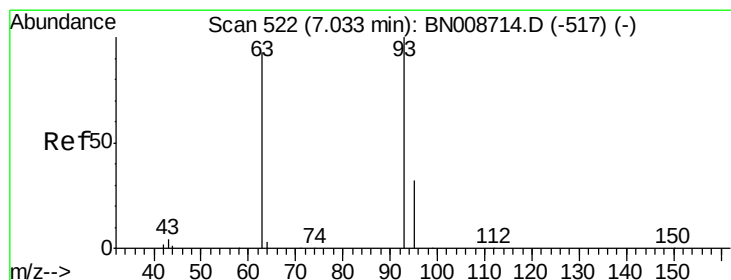
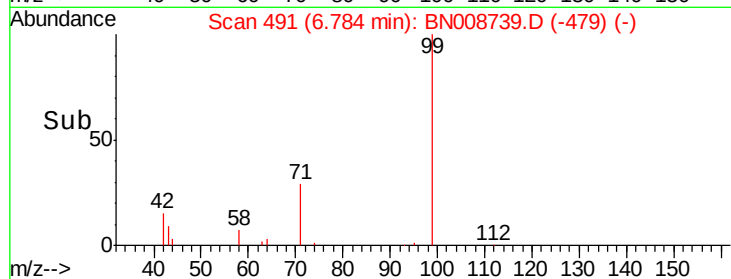
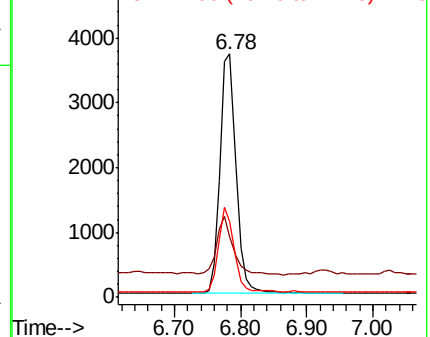
99 100

42 24.8 19.4 29.2

71 33.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.417 ng

RT: 7.03 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

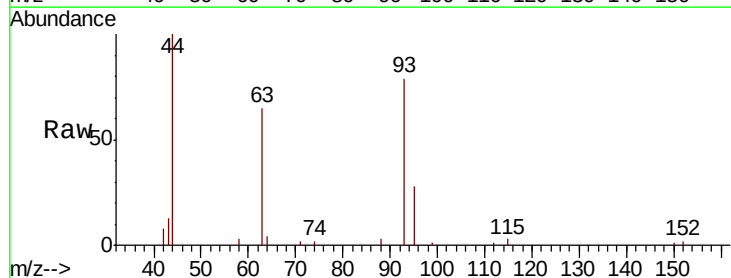
Tgt Ion: 93 Resp: 5784

Ion Ratio Lower Upper

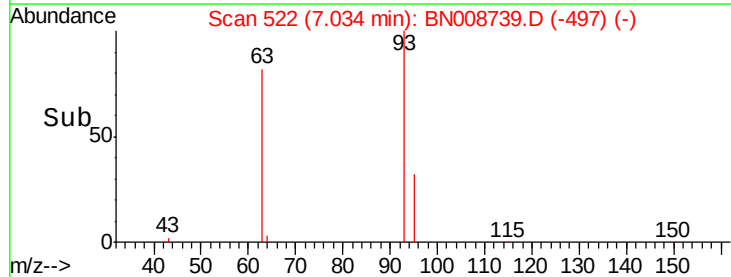
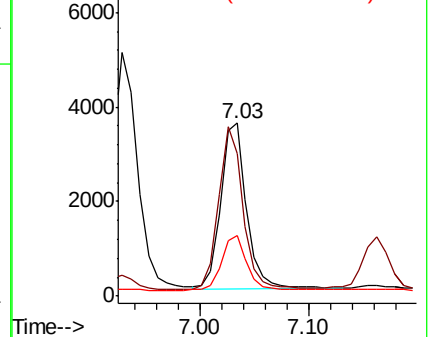
93 100

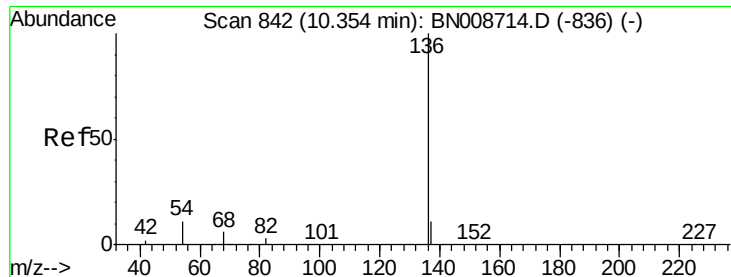
63 93.6 74.2 111.4

95 32.5 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 17147

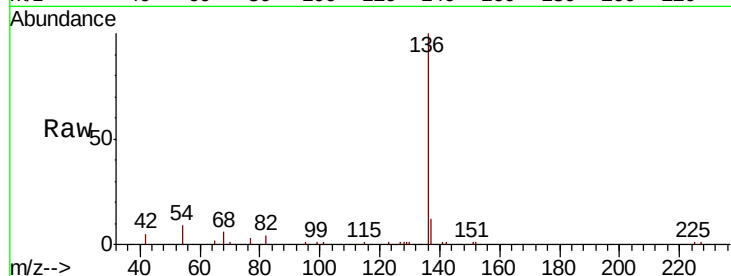
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.0 9.4 14.2#

68 5.9 5.8 8.6

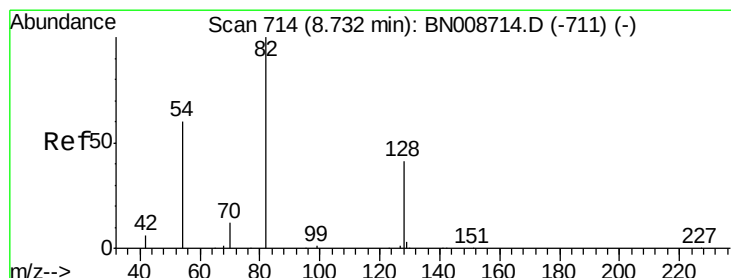
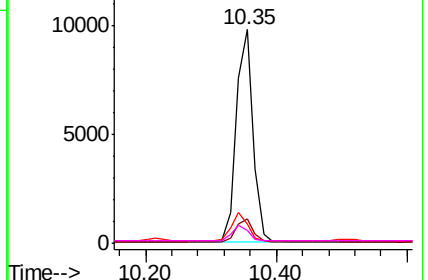
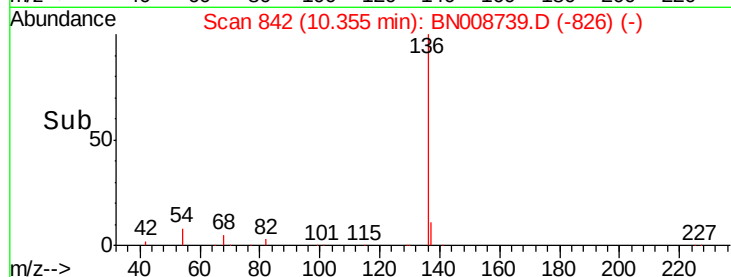


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

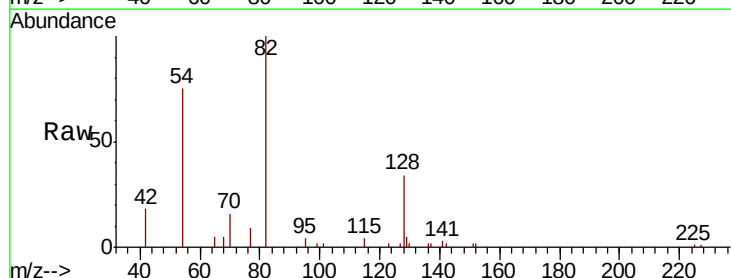
Tgt Ion: 82 Resp: 6174

Ion Ratio Lower Upper

82 100

128 34.0 34.6 52.0#

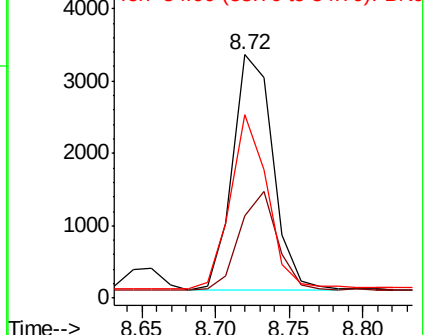
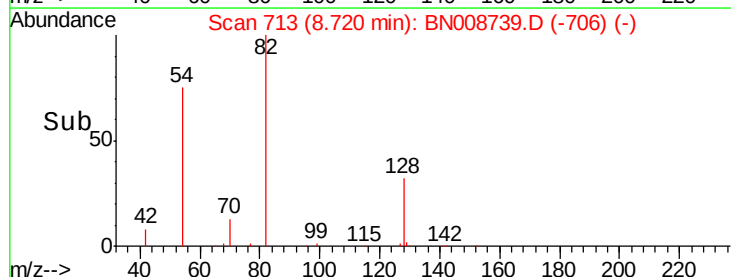
54 75.2 50.2 75.4

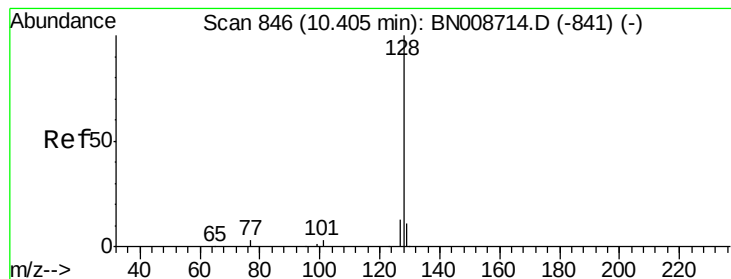


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.402 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampled :

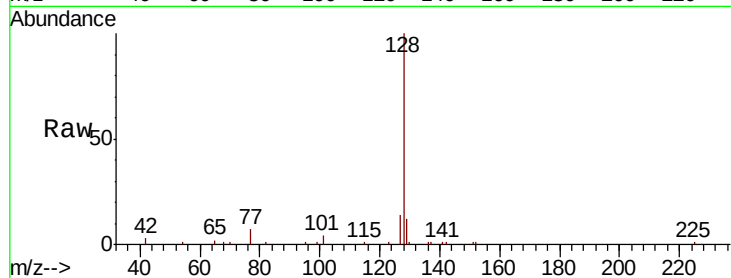
Tot Ion:128 Resp: 18413

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

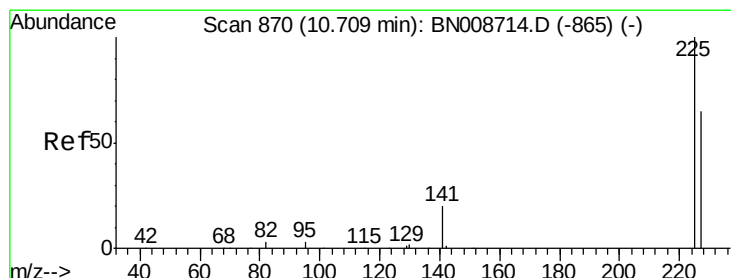
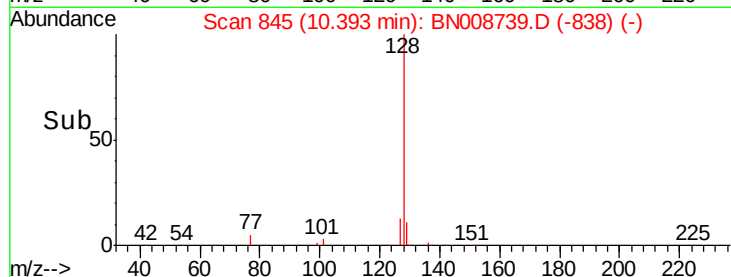
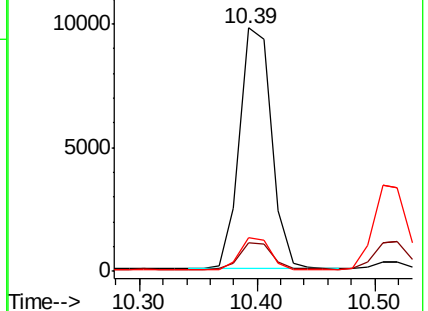
127 13.9 10.5 15.7



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: 0.399 ng

RT: 10.70 min Scan# 869

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

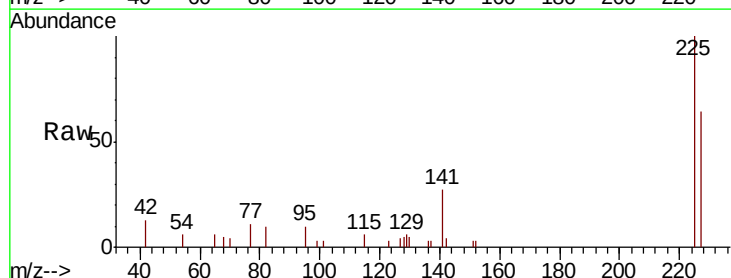
Tgt Ion:225 Resp: 3786

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

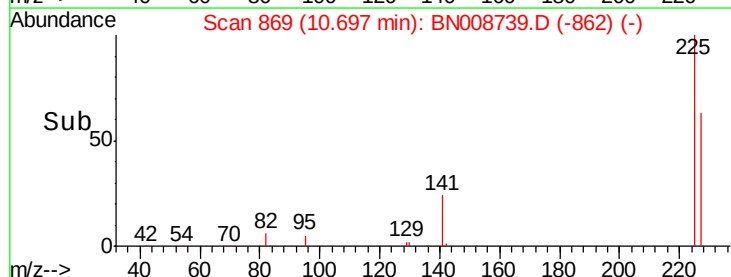
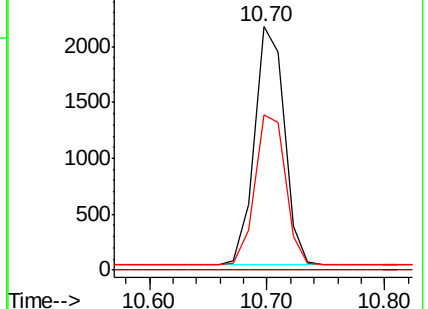
227 64.5 51.8 77.6

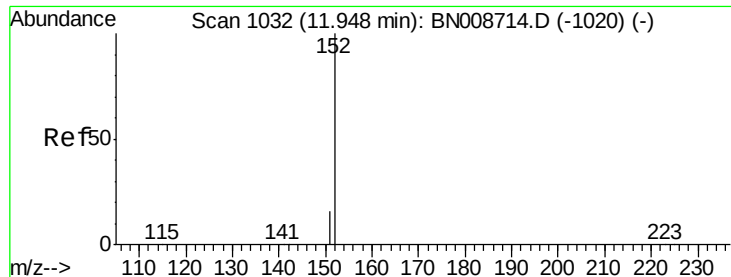


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

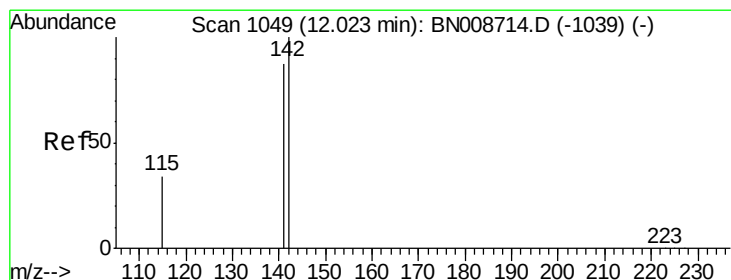
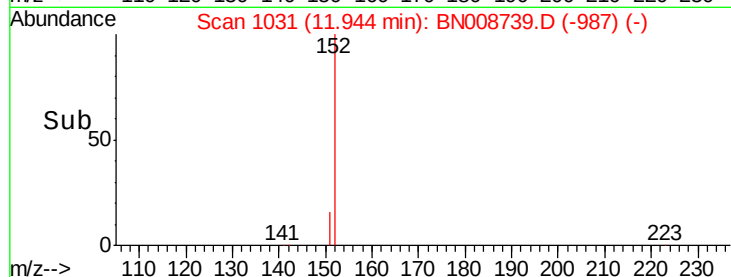
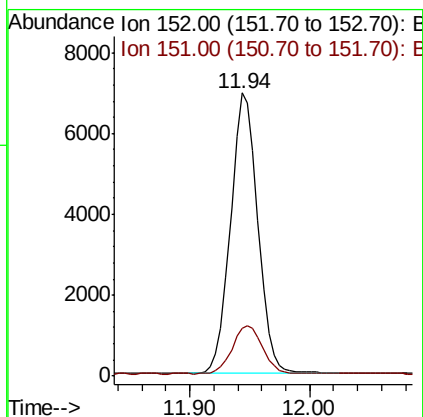
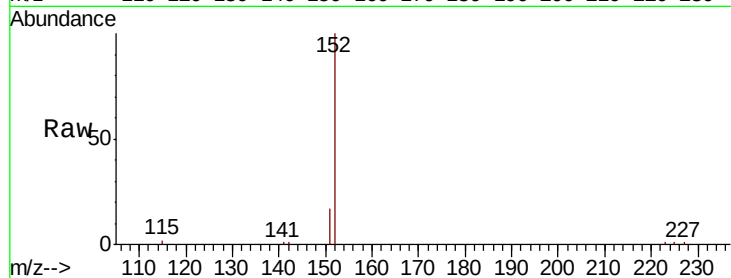




#11
 2-Methylnaphthalene-d10
 Concen: 0.405 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BN008739.D
 Acq: 23 Nov 2019 21:10

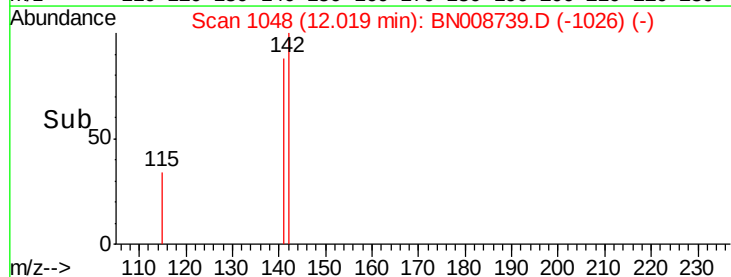
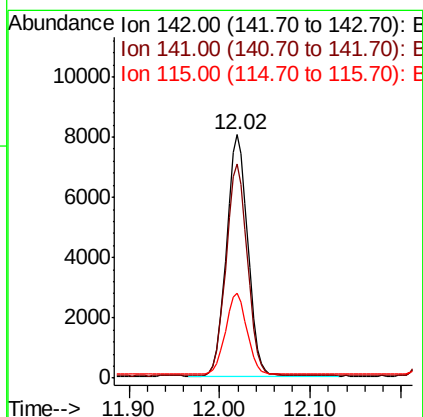
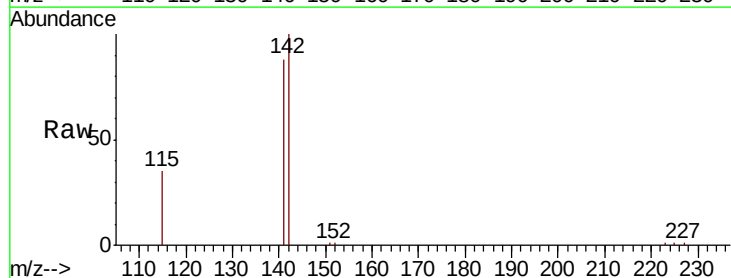
Instrument :
 BNA_N
 ClientSampleId :

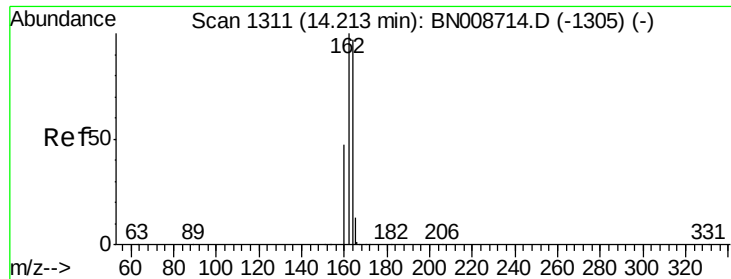
Tot Ion:152 Resp: 10975
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.408 ng
 RT: 12.02 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BN008739.D
 Acq: 23 Nov 2019 21:10

Tgt Ion:142 Resp: 12992
 Ion Ratio Lower Upper
 142 100
 141 87.7 69.8 104.6
 115 34.9 28.4 42.6

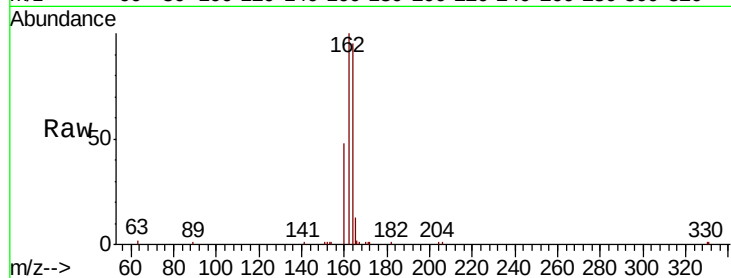




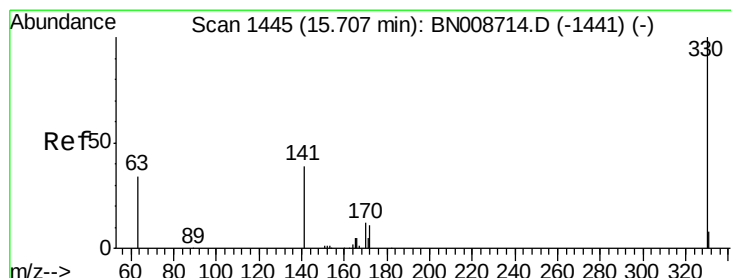
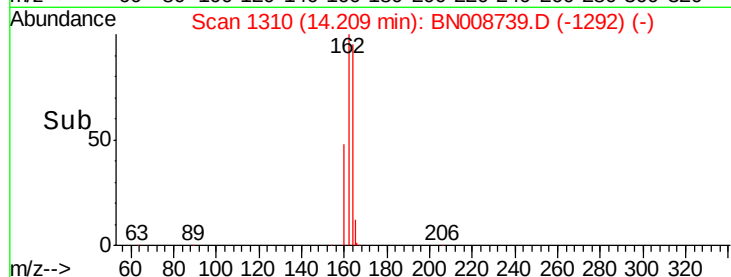
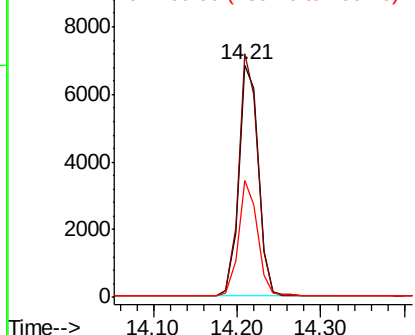
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 11002
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.4
160 50.5 38.7 58.1

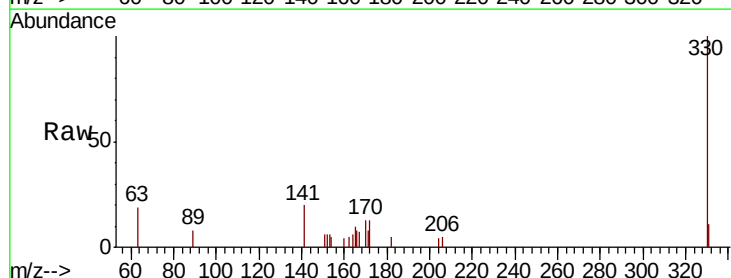


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

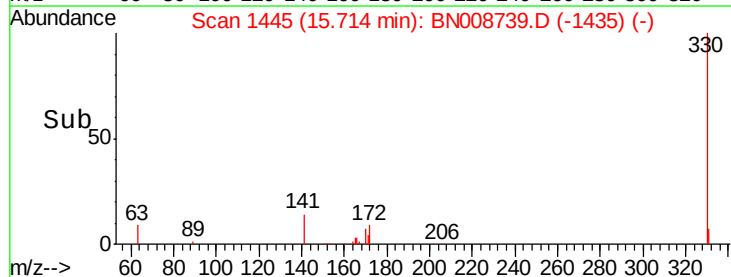
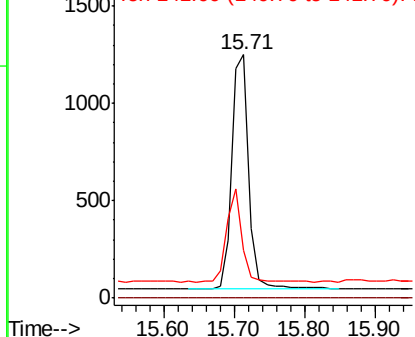


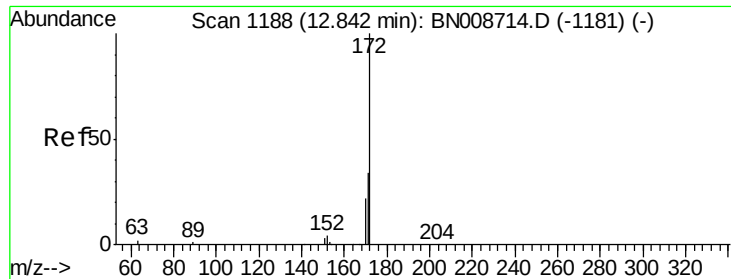
#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:330 Resp: 2040
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 29.5 44.3



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

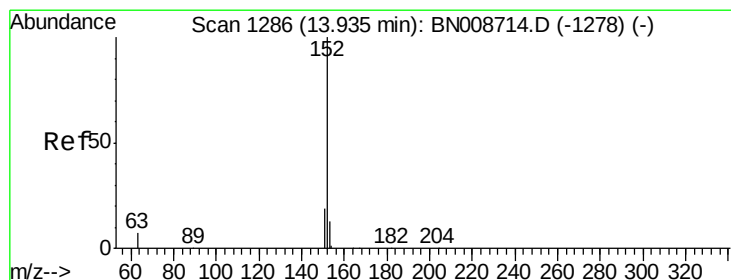
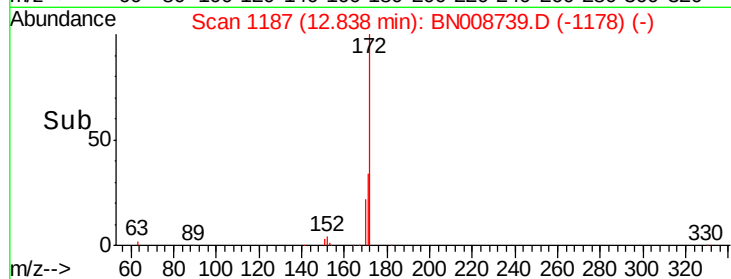
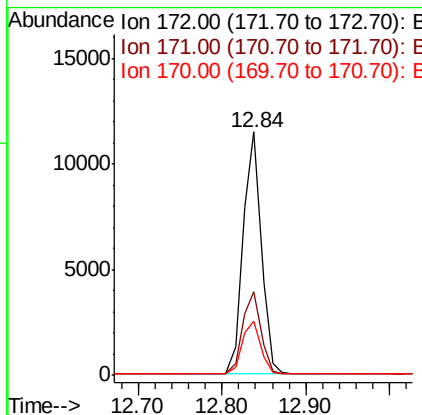
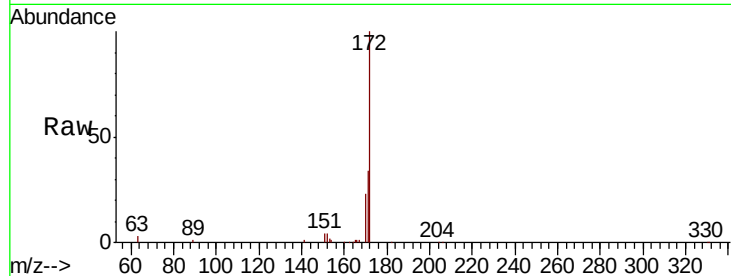




#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.84 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

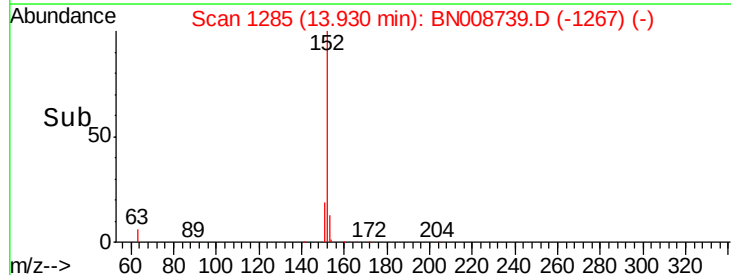
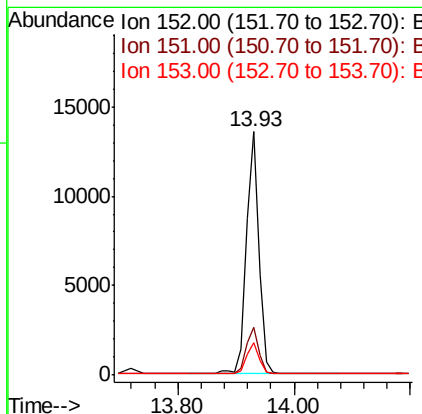
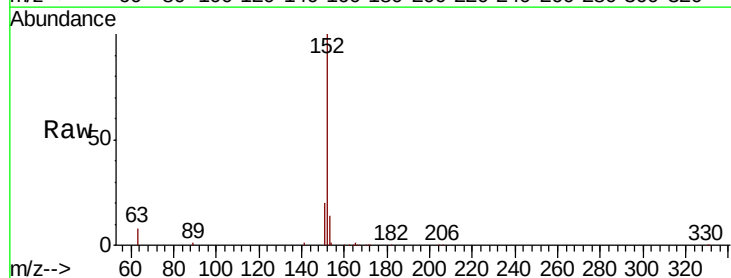
Instrument :
BNA_N
ClientSampleId :

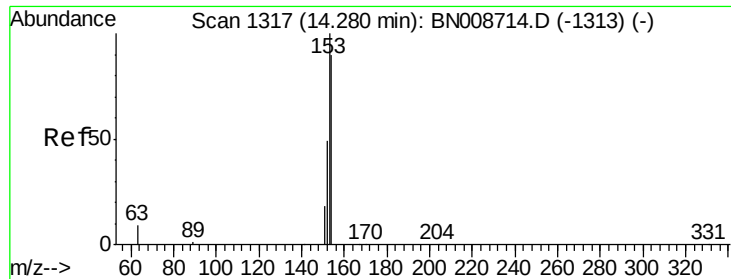
Tot Ion:172 Resp: 17196
Ion Ratio Lower Upper
172 100
171 34.4 27.3 40.9
170 22.5 17.8 26.6



#16
Acenaphthylene
Concen: 0.403 ng
RT: 13.93 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:152 Resp: 20416
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.395 ng

RT: 14.28 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

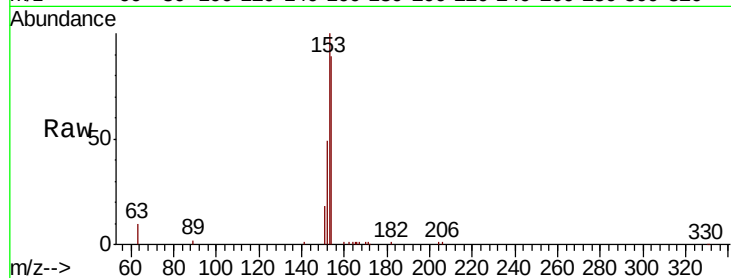
Tot Ion:154 Resp: 13166

Ion Ratio Lower Upper

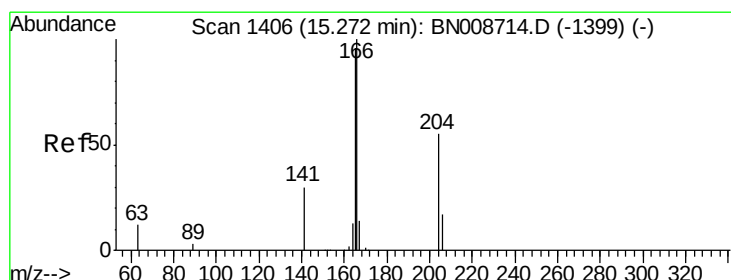
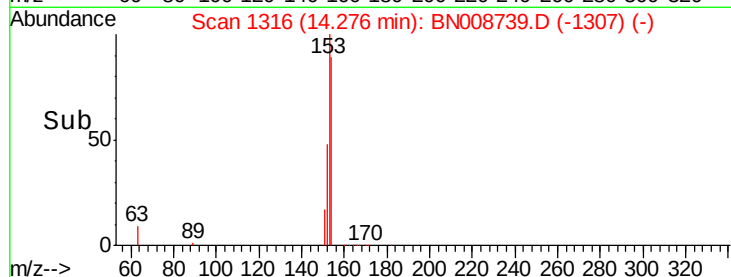
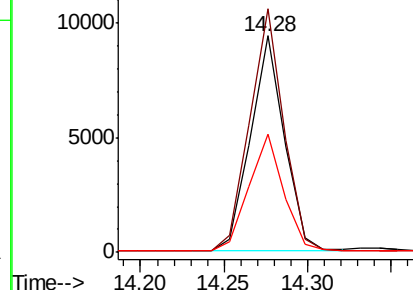
154 100

153 112.9 89.6 134.4

152 56.1 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.402 ng

RT: 15.27 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

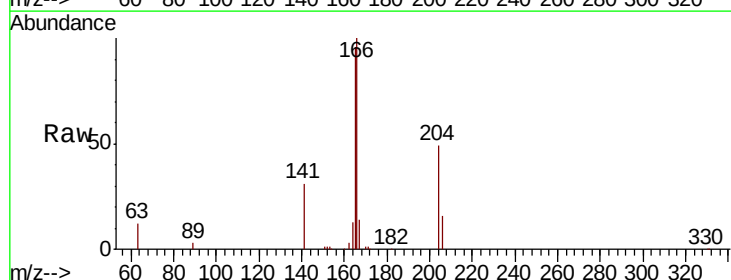
Tgt Ion:166 Resp: 17164

Ion Ratio Lower Upper

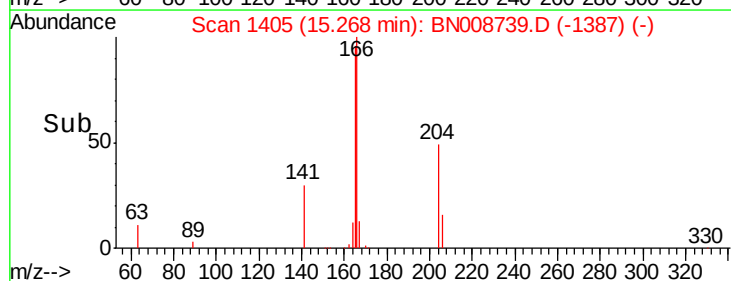
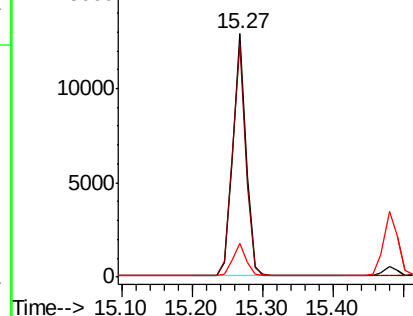
166 100

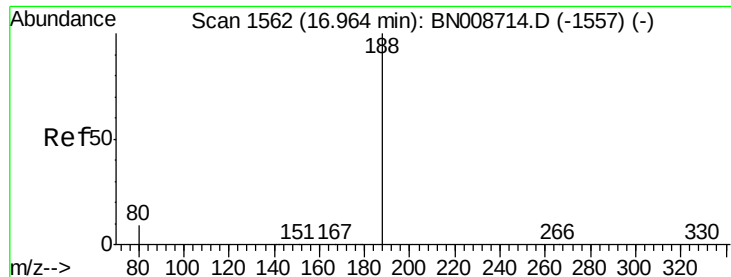
165 97.2 77.7 116.5

167 13.7 10.8 16.2



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: 16.96 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

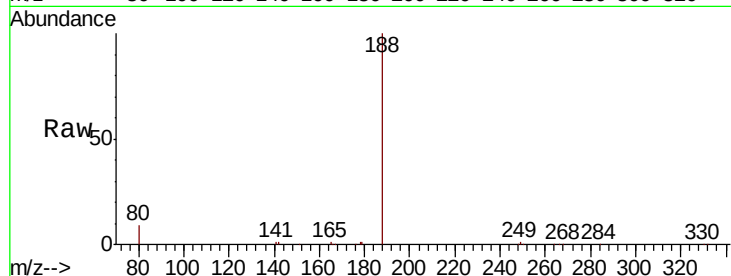
Tot Ion:188 Resp: 23730

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

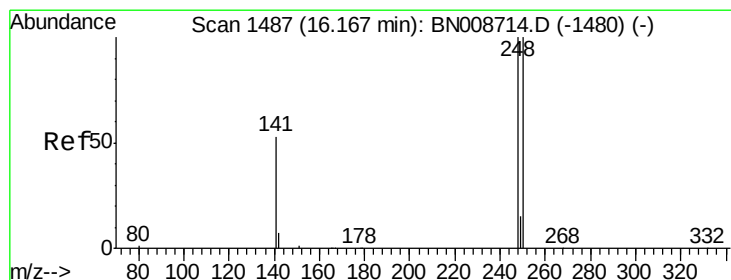
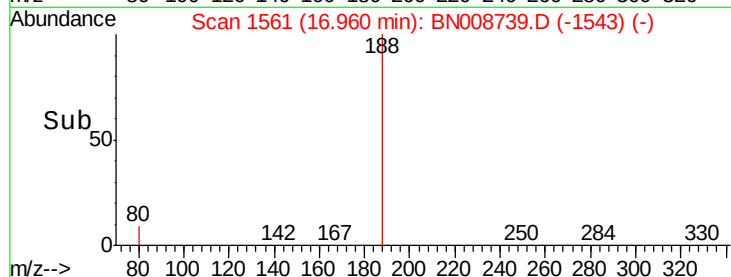
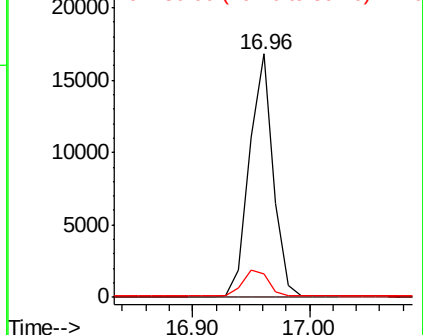
80 9.5 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.399 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

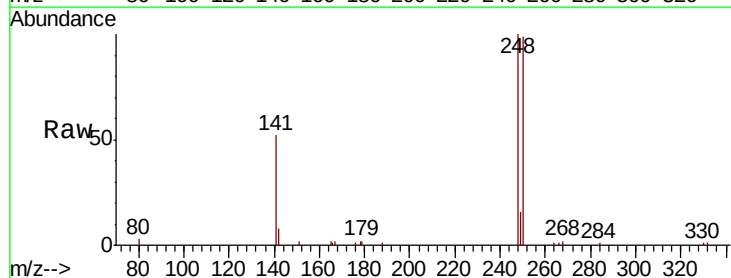
Tgt Ion:248 Resp: 5908

Ion Ratio Lower Upper

248 100

250 98.9 80.5 120.7

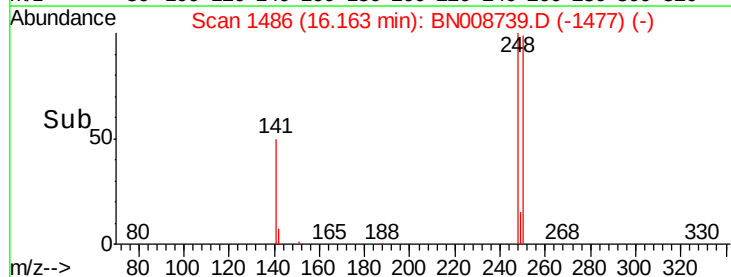
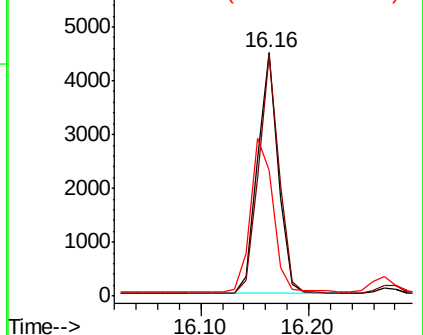
141 51.8 43.8 65.6

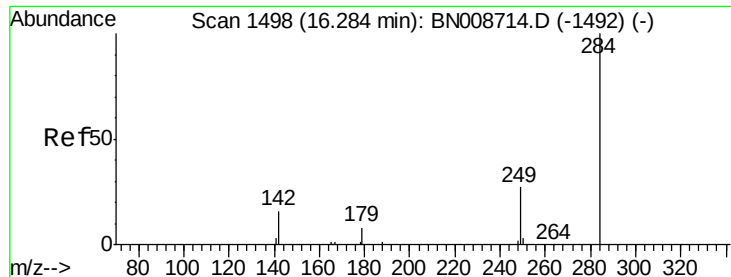


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

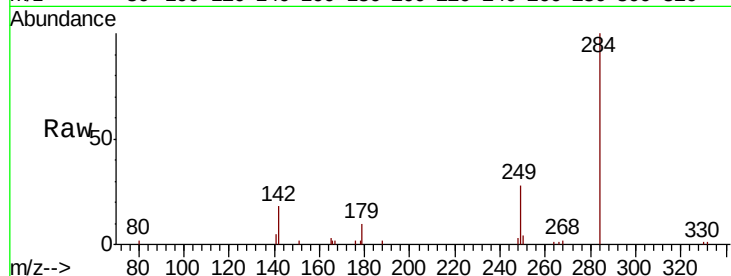




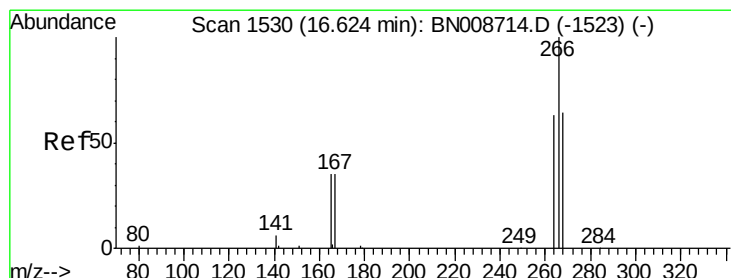
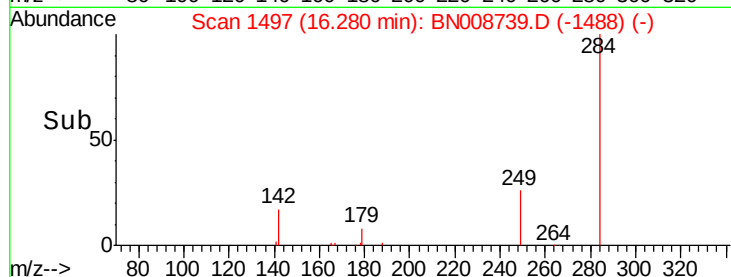
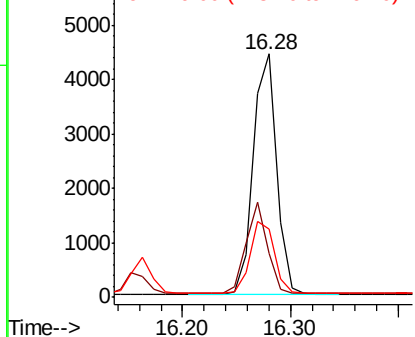
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.28 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 6586
Ion Ratio Lower Upper
284 100
142 34.7 27.4 41.0
249 31.2 25.4 38.0

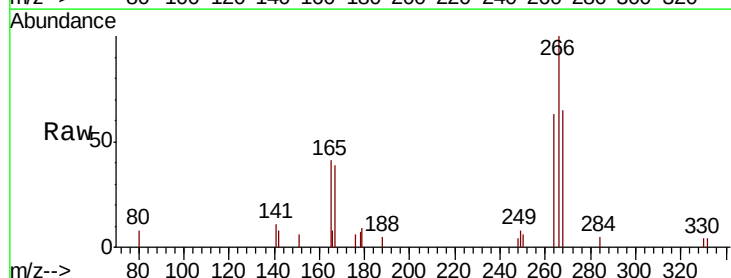


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

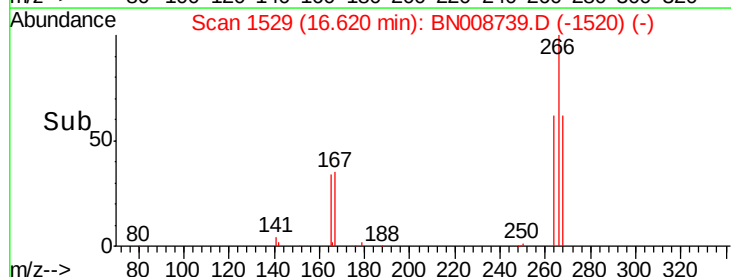
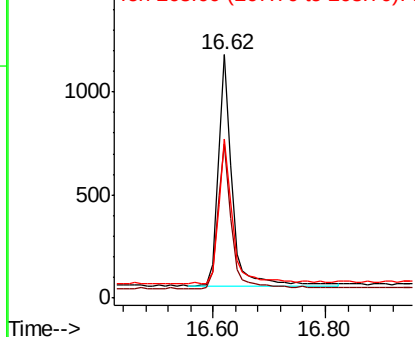


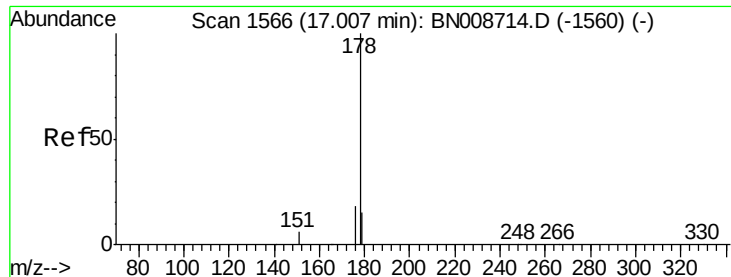
#22
Pentachlorophenol
Concen: 0.331 ng
RT: 16.62 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:266 Resp: 1935
Ion Ratio Lower Upper
266 100
264 63.3 51.0 76.4
268 65.3 54.1 81.1



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: 0.397 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

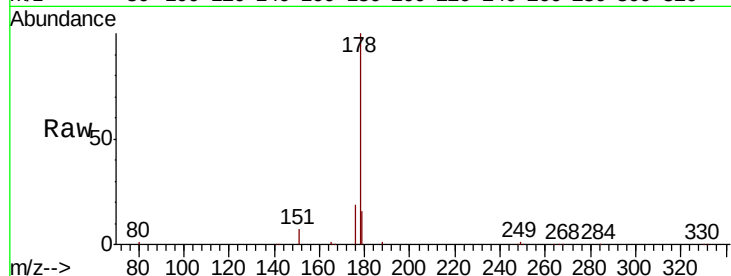
Tot Ion:178 Resp: 29041

Ion Ratio Lower Upper

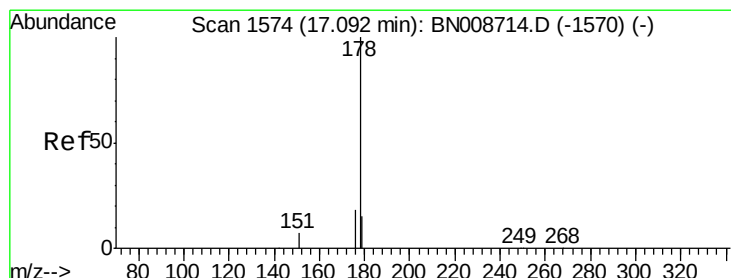
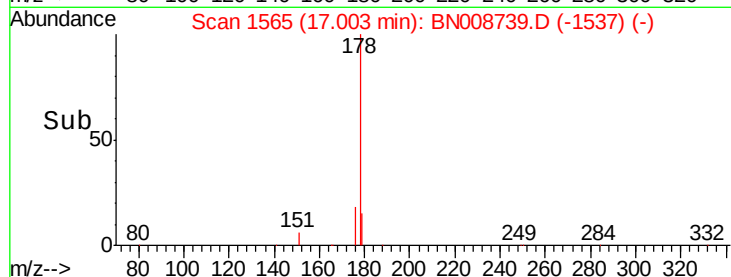
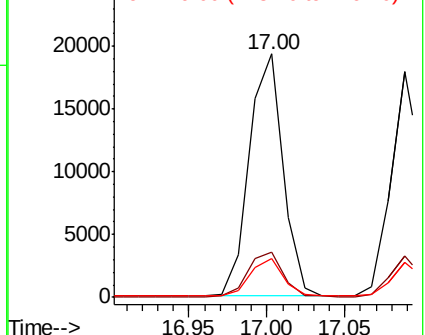
178 100

176 18.7 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



#24

Anthracene

Concen: 0.395 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

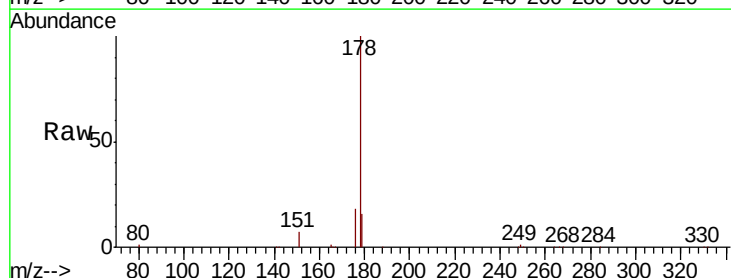
Tgt Ion:178 Resp: 25840

Ion Ratio Lower Upper

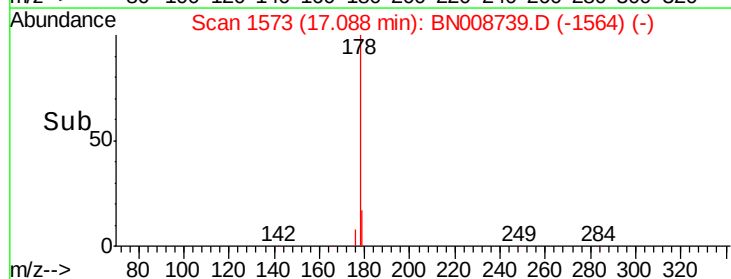
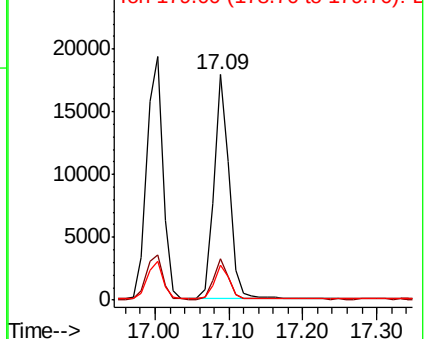
178 100

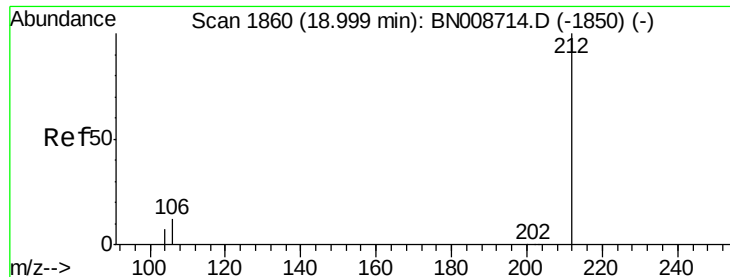
176 17.8 14.4 21.6

179 15.2 12.0 18.0



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





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.00 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

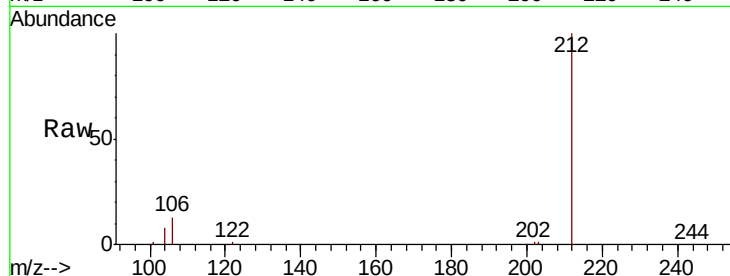
Tot Ion:212 Resp: 27560

Ion Ratio Lower Upper

212 100

106 13.4 10.6 15.8

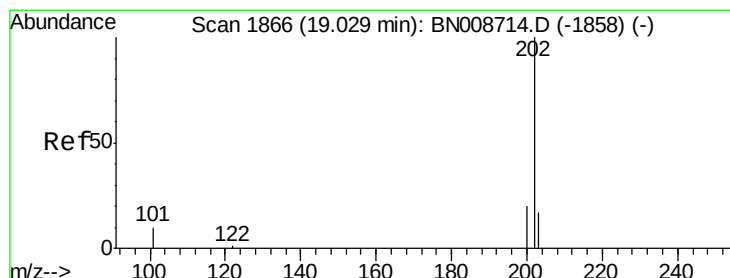
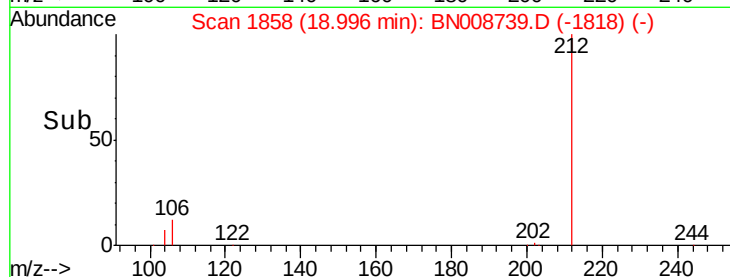
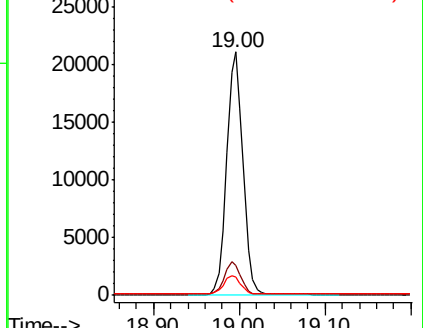
104 7.8 6.0 9.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.390 ng

RT: 19.03 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

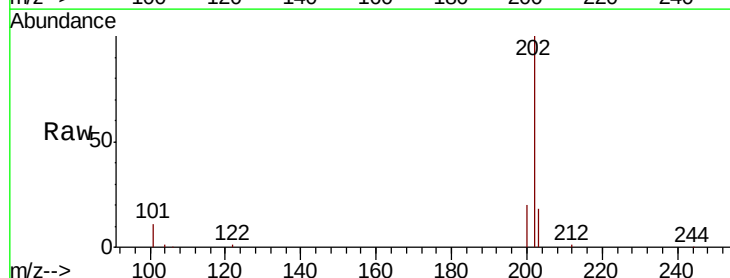
Tgt Ion:202 Resp: 33531

Ion Ratio Lower Upper

202 100

101 11.3 9.0 13.4

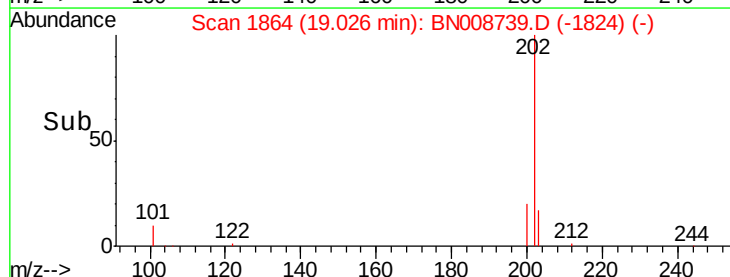
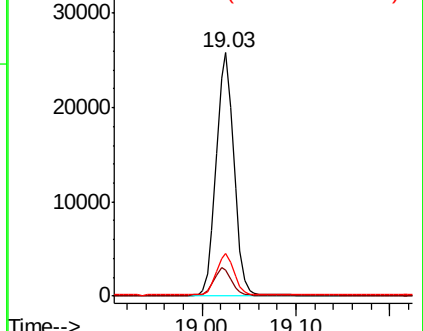
203 17.0 13.8 20.6

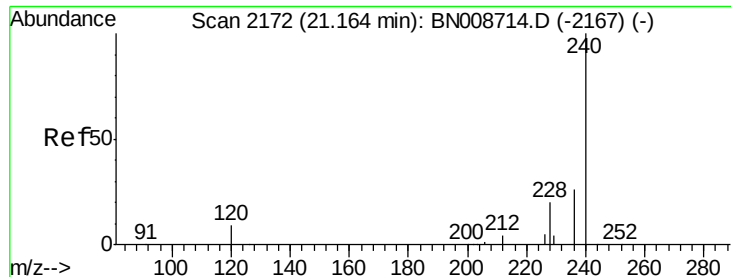


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

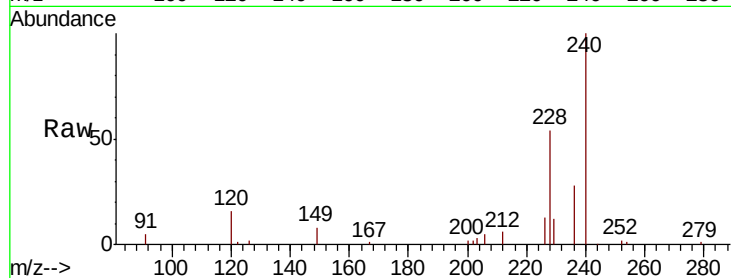
Tot Ion:240 Resp: 23243

Ion Ratio Lower Upper

240 100

120 16.1 9.0 13.4#

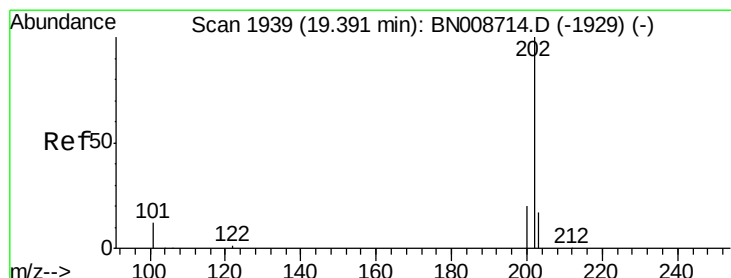
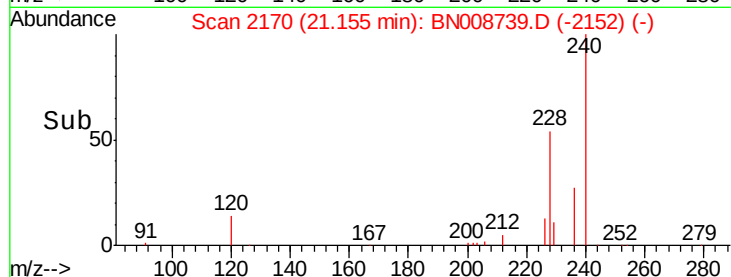
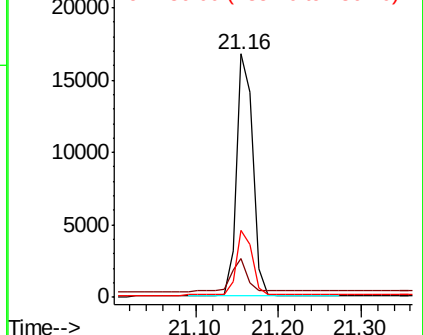
236 27.7 21.8 32.6



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: 0.396 ng

RT: 19.39 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

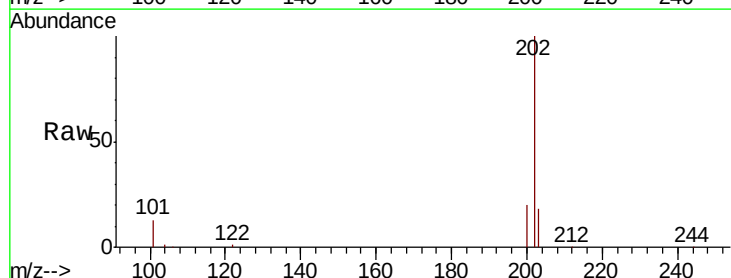
Tgt Ion:202 Resp: 33954

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.4

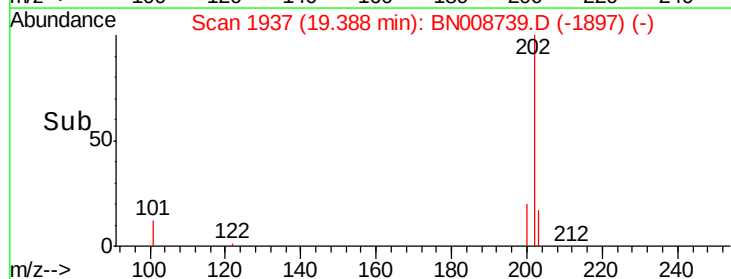
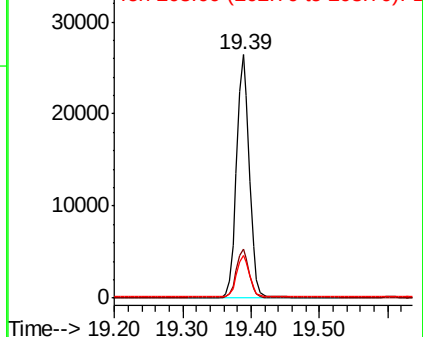
203 17.3 14.0 21.0

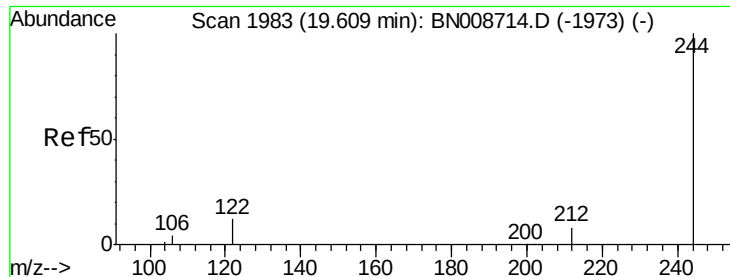


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.61 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

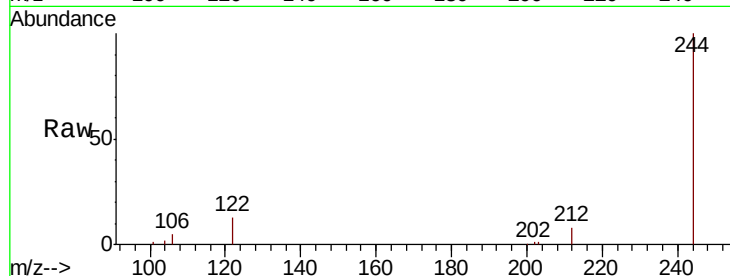
Tot Ion:244 Resp: 22426

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

122 12.6 10.1 15.1

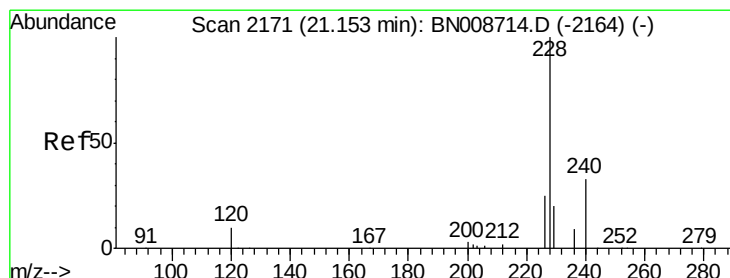
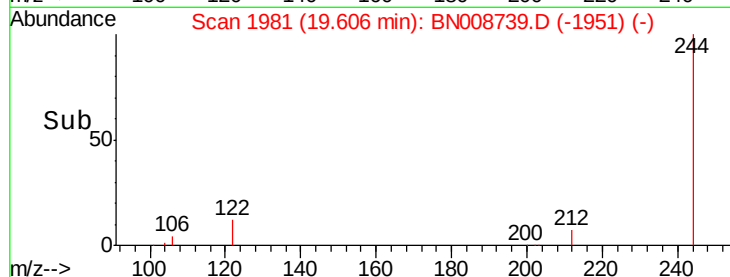
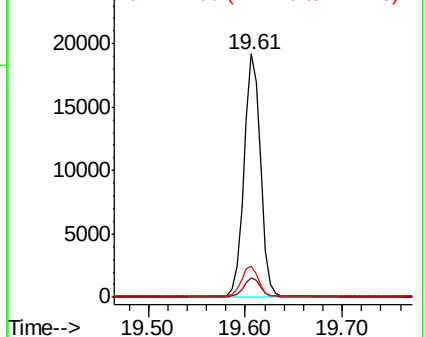


Abundance

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: 0.386 ng

RT: 21.14 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

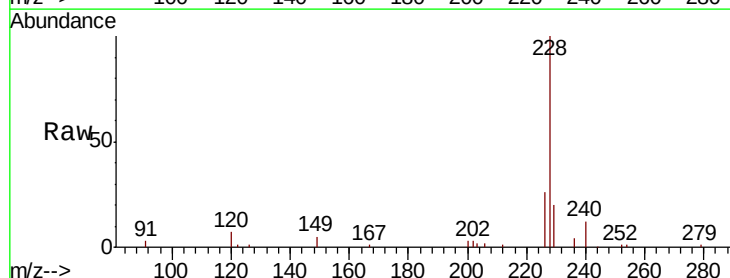
Tgt Ion:228 Resp: 32867

Ion Ratio Lower Upper

228 100

226 26.2 20.3 30.5

229 19.8 16.2 24.4

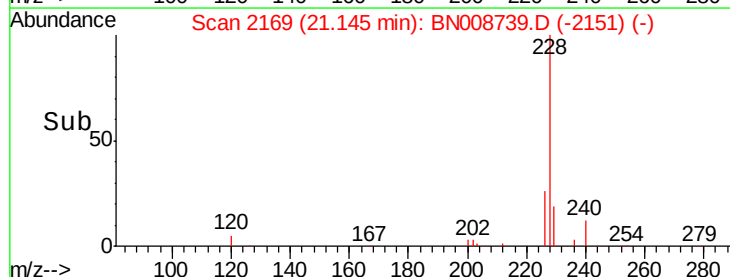
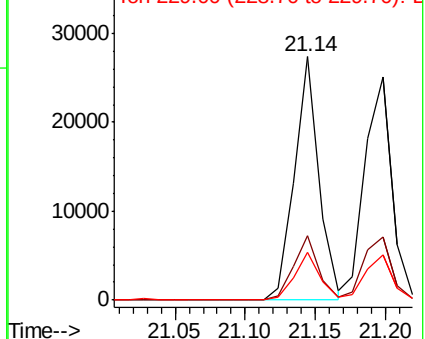


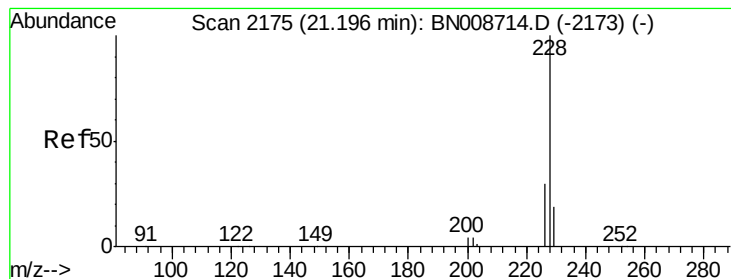
Abundance

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: 0.405 ng

RT: 21.20 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

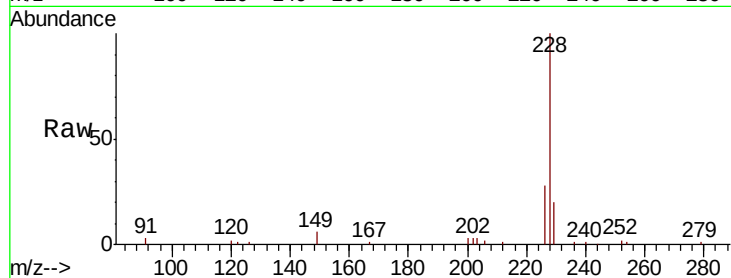
Tot Ion:228 Resp: 33355

Ion Ratio Lower Upper

228 100

226 28.4 23.8 35.8

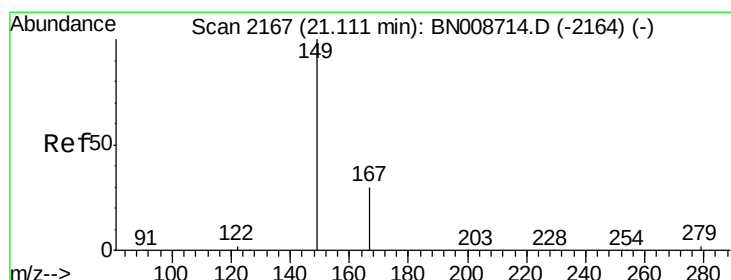
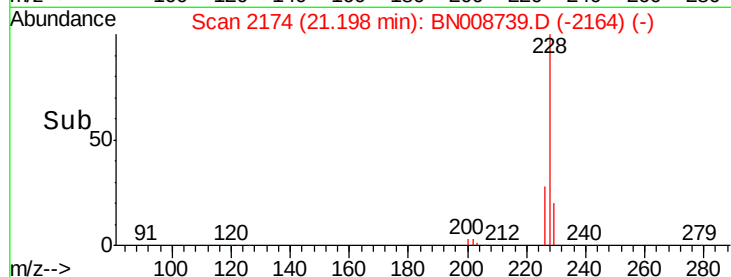
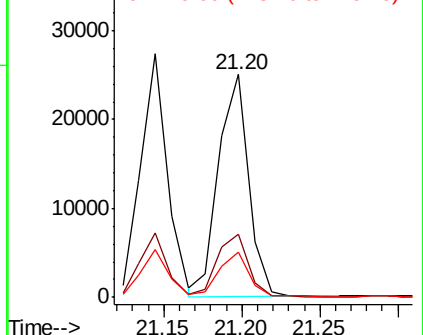
229 20.1 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.331 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

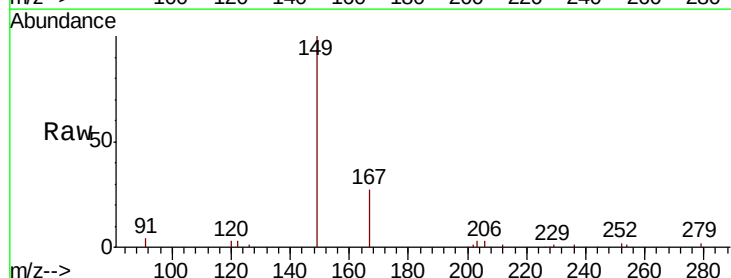
Tgt Ion:149 Resp: 18302

Ion Ratio Lower Upper

149 100

167 28.8 23.5 35.3

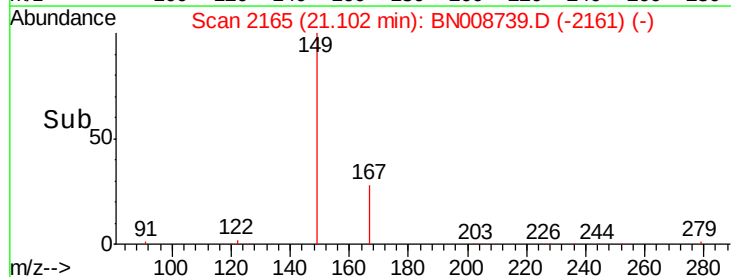
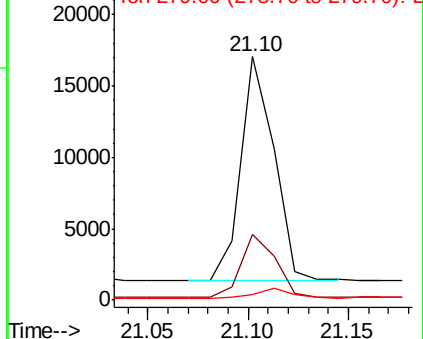
279 4.1 3.4 5.0

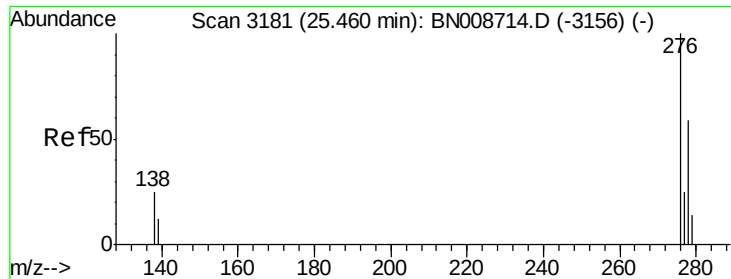


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.401 ng

RT: 25.45 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

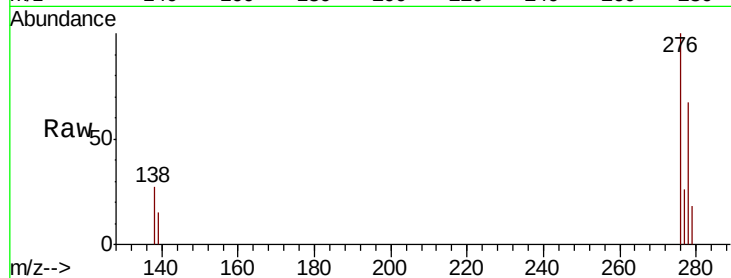
Tot Ion:276 Resp: 36852

Ion Ratio Lower Upper

276 100

138 27.0 21.0 31.6

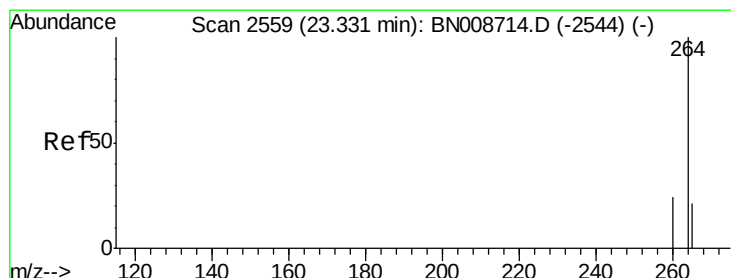
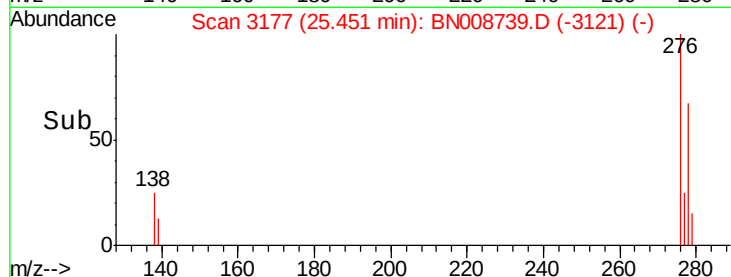
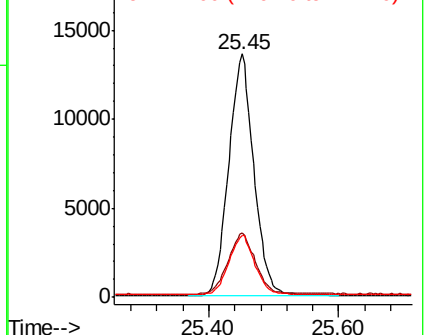
277 24.9 19.9 29.9



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: 23.32 min Scan# 2554

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

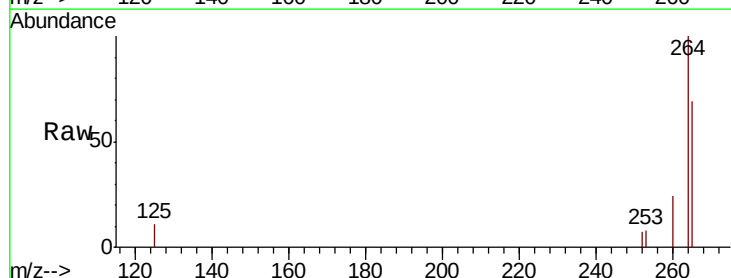
Tgt Ion:264 Resp: 23366

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

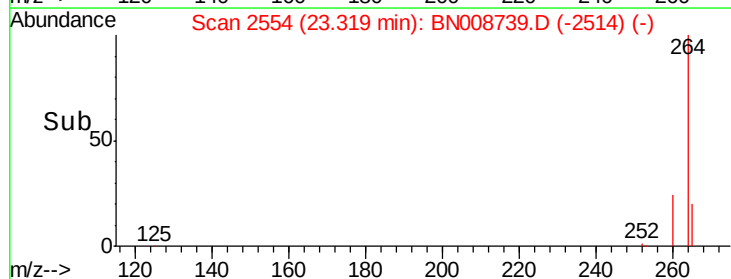
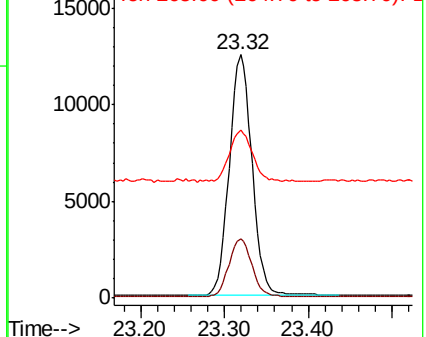
265 68.9 61.8 92.6

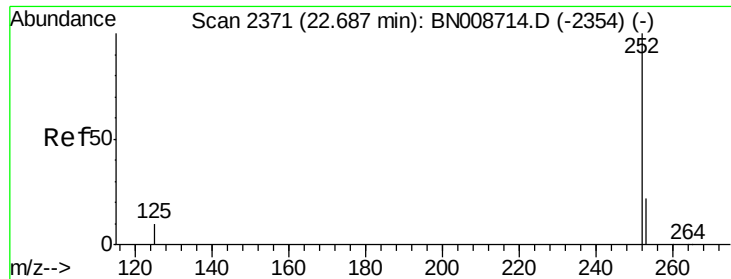


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

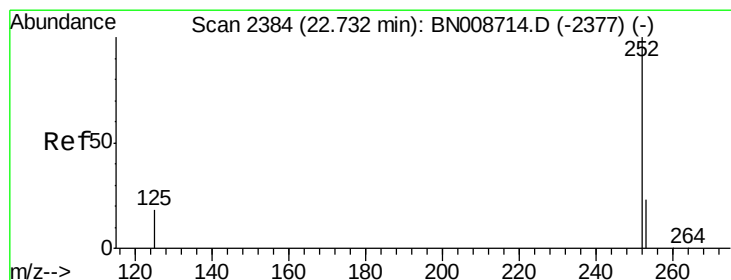
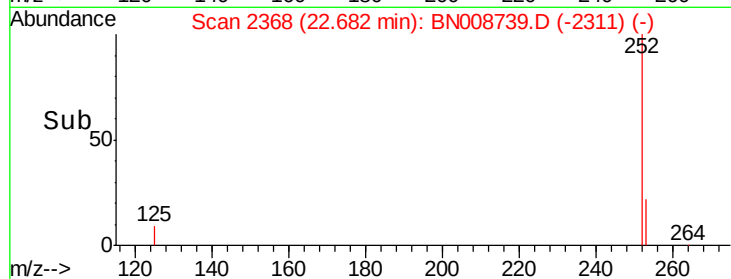
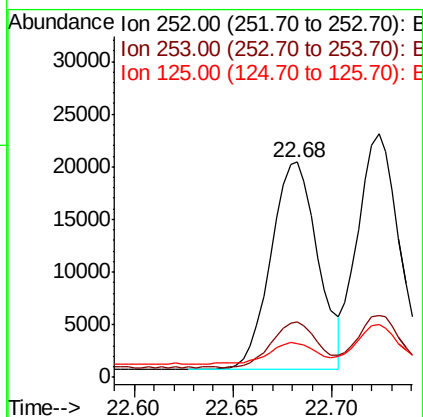
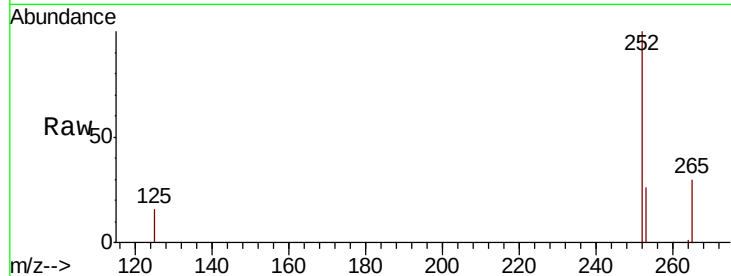




#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

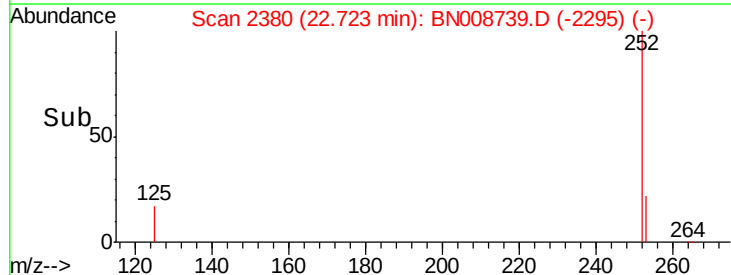
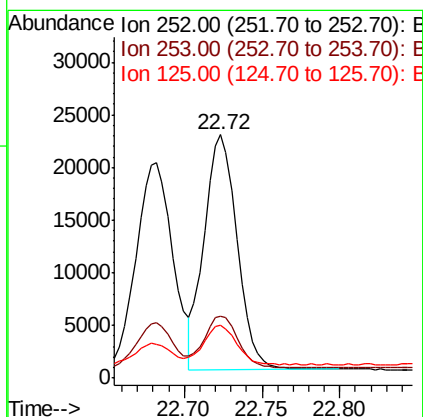
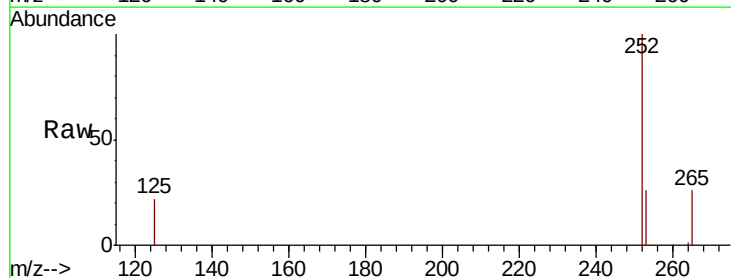
Instrument :
BNA_N
ClientSampleId :

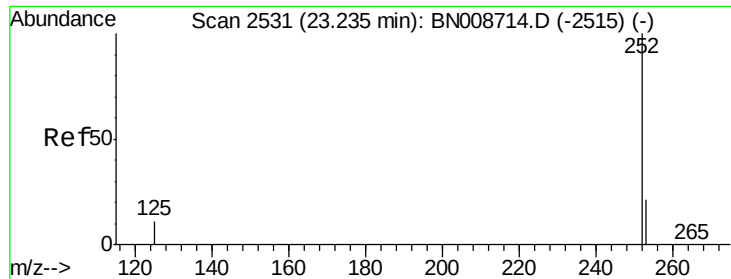
Tot Ion:252 Resp: 32473
Ion Ratio Lower Upper
252 100
253 25.7 20.8 31.2
125 15.7 13.5 20.3



#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN008739.D
Acq: 23 Nov 2019 21:10

Tgt Ion:252 Resp: 32835
Ion Ratio Lower Upper
252 100
253 25.6 21.8 32.6
125 21.8 18.2 27.4





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 23.23 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

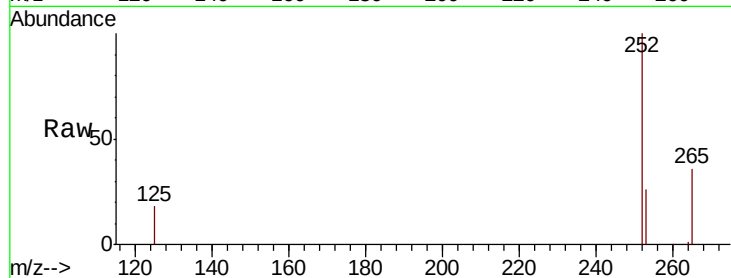
Tot Ion:252 Resp: 29457

Ion Ratio Lower Upper

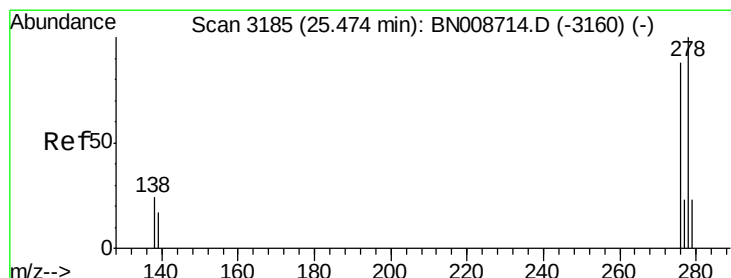
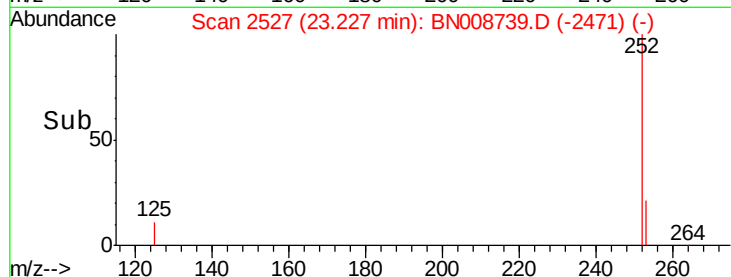
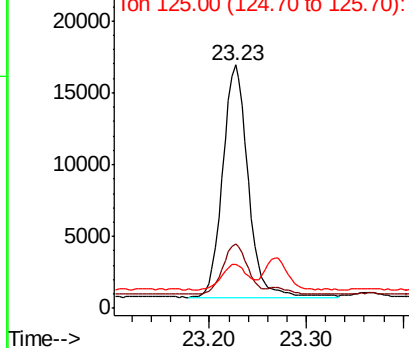
252 100

253 26.3 21.9 32.9

125 18.2 16.3 24.5



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: 0.403 ng

RT: 25.46 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

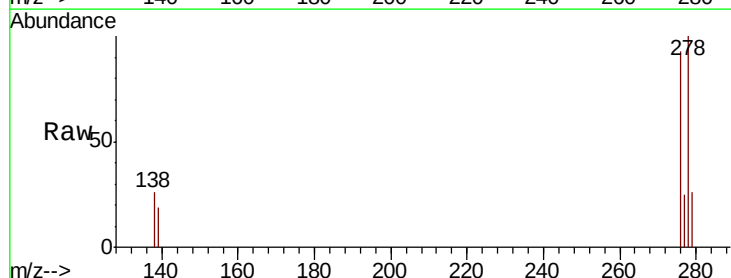
Tgt Ion:278 Resp: 29725

Ion Ratio Lower Upper

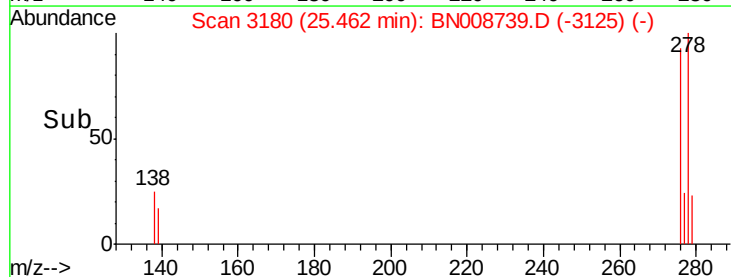
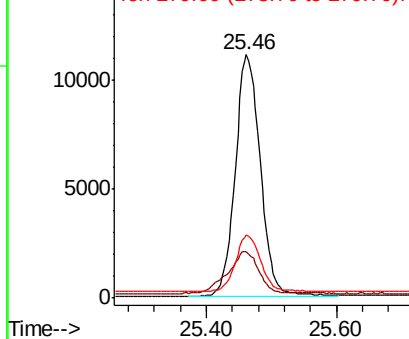
278 100

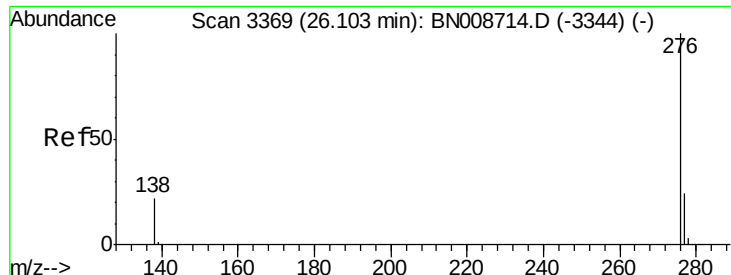
139 19.1 15.4 23.2

279 25.9 21.3 31.9



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: 0.400 ng

RT: 26.09 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BN008739.D

Acq: 23 Nov 2019 21:10

Instrument :

BNA_N

ClientSampleId :

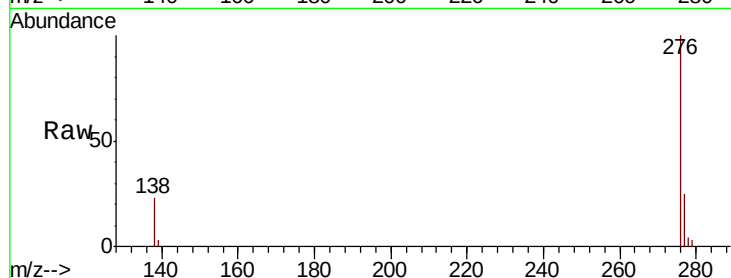
Tot Ion:276 Resp: 29472

Ion Ratio Lower Upper

276 100

277 25.0 20.4 30.6

138 23.1 19.2 28.8



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

