

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
 Data File : BN007973.D
 Acq On : 02 Oct 2019 19:41
 Operator : JU
 Sample : PB123460BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 03 06:47:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	53	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	24	0.40	ng	-0.01
13) Acenaphthene-d10	14.28	164	60	0.40	ng	-0.04
19) Phenanthrene-d10	17.00	188	31	0.40	ng	-0.07
27) Chrysene-d12	21.20	240	70	0.40	ng	-0.07
34) Perylene-d12	23.39	264	8	0.40	ng	-0.11

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	4198	23.01	ng	0.00
5) Phenol-d6	6.87	99	5575	24.90	ng	0.00
8) Nitrobenzene-d5	8.82	82	4672	222.56	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	10421	257.73	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	1782	54.53	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	13244	53.59	ng	-0.01
25) Fluoranthene-d10	19.09	212	25767	246.62	ng	-0.02
29) Terphenyl-d14	19.70	244	22658	131.78	ng	-0.01

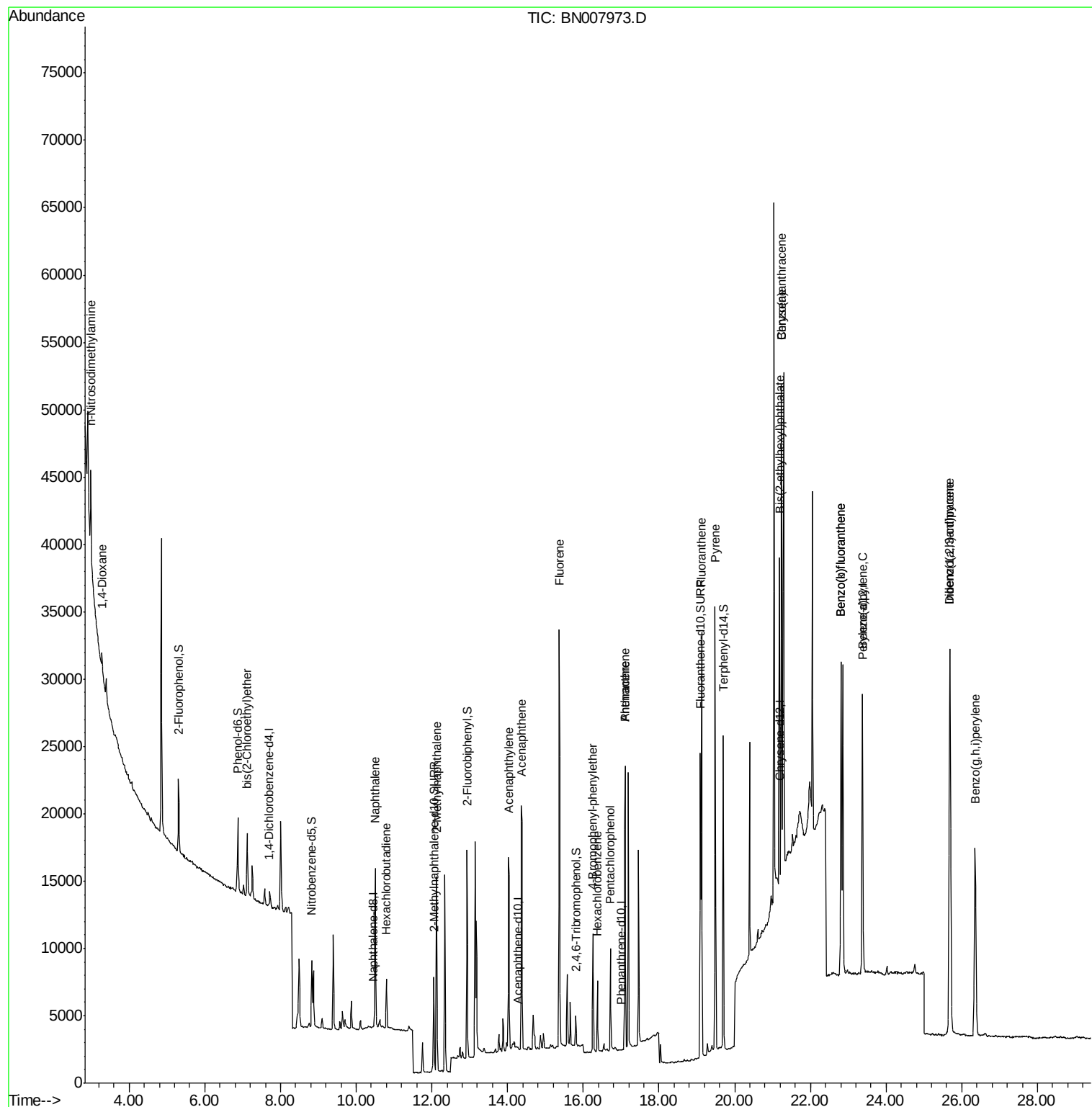
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.28	88	1180	19.975	ng	# 55
3) n-Nitrosodimethylamine	2.99	42	1015	37.513	ng	# 65
6) bis(2-Chloroethyl)ether	7.12	93	4148	27.641	ng	93
9) Naphthalene	10.51	128	15093	224.087	ng	98
10) Hexachlorobutadiene	10.80	225	3086	217.532	ng	# 100
12) 2-Methylnaphthalene	12.13	142	10664	234.251	ng	100
16) Acenaphthylene	14.02	152	17855	56.110	ng	99
17) Acenaphthene	14.38	154	10393	50.660	ng	97
18) Fluorene	15.36	166	13932	52.987	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	4330	230.086	ng	# 79
21) Hexachlorobenzene	16.38	284	4731	229.996	ng	99
22) Pentachlorophenol	16.72	266	4049	533.825	ng	98
23) Phenanthrene	17.10	178	22116	229.015	ng	100
24) Anthracene	17.10	178	22009	252.339	ng	99
26) Fluoranthene	19.12	202	28619	238.333	ng	99
28) Pyrene	19.49	202	29422	123.239	ng	99
30) Benzo(a)anthracene	21.24	228	29128	112.997	ng	96
31) Chrysene	21.24	228	28982	115.362	ng	97
32) Bis(2-ethylhexyl)phthalate	21.19	149	16238	122.482	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	33528	106.593	ng	98
35) Benzo(b)fluoranthene	22.81	252	29352	1056.835	ng	# 88
36) Benzo(k)fluoranthene	22.81	252	29352	1068.773	ng	# 88
37) Benzo(a)pyrene	23.38	252	28492	1091.662	ng	# 85
38) Dibenzo(a,h)anthracene	25.69	278	27726	1038.197	ng	# 89
39) Benzo(g,h,i)perylene	26.35	276	28443	1076.367	ng	# 92

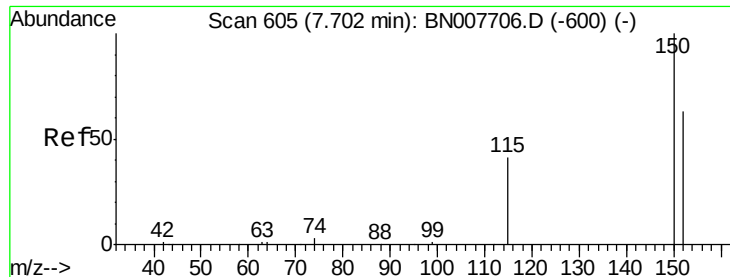
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
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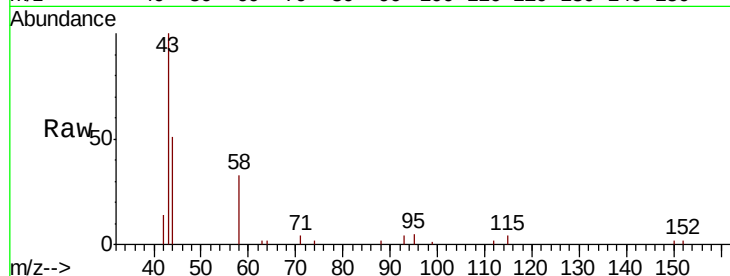


#1

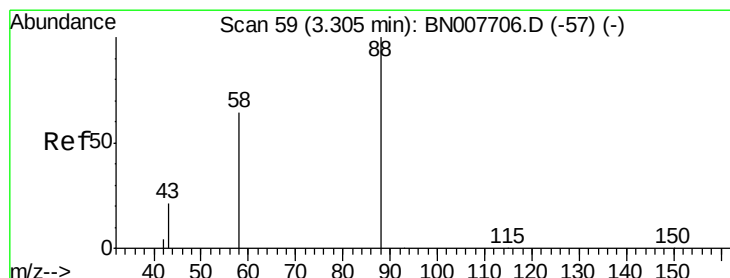
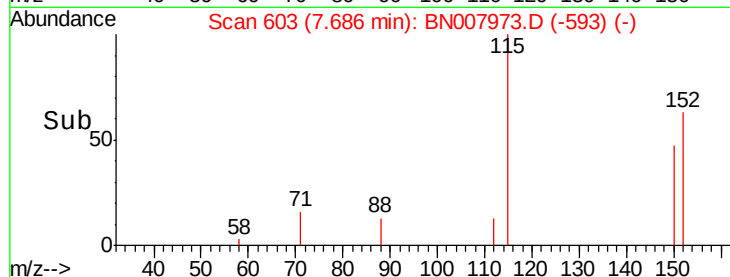
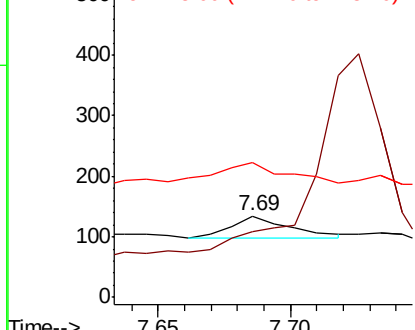
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007973.D
Acq: 02 Oct 2019 19:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 53
Ion Ratio Lower Upper
152 100
150 81.3 125.6 188.4#
115 165.7 53.3 79.9#



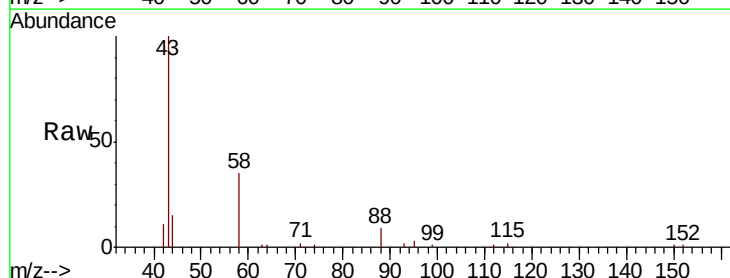
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



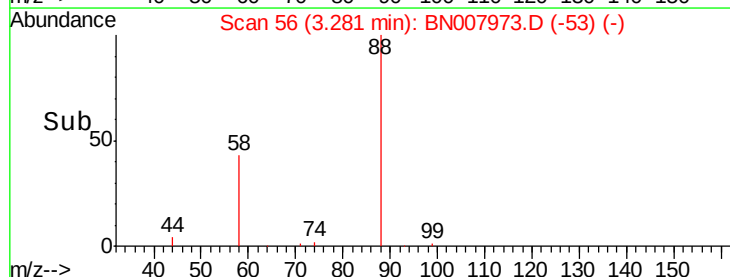
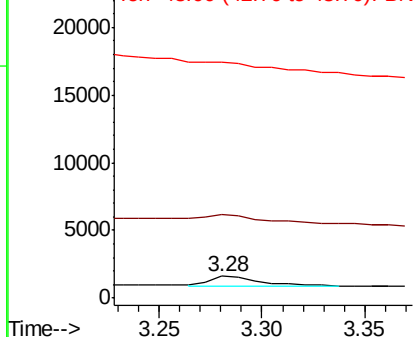
#2

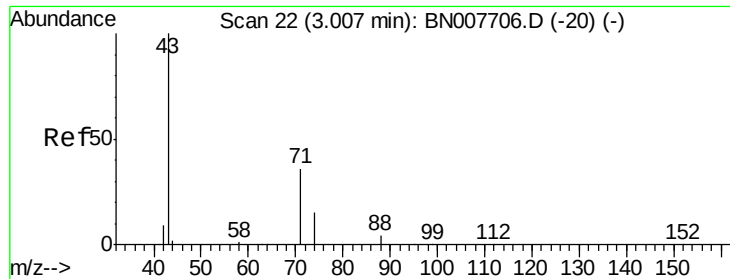
1,4-Dioxane
Concen: 19.975 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN007973.D
Acq: 02 Oct 2019 19:41

Tgt Ion: 88 Resp: 1180
Ion Ratio Lower Upper
88 100
58 89.7 44.6 66.8#
43 0.0 14.4 21.6#



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



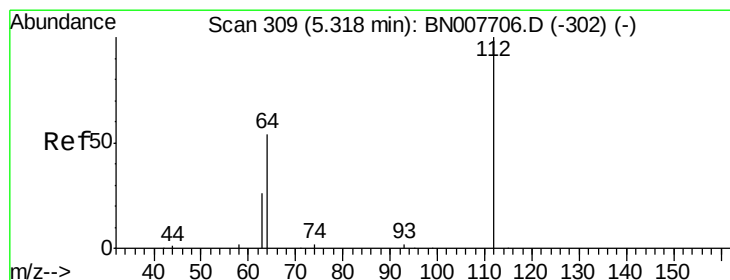
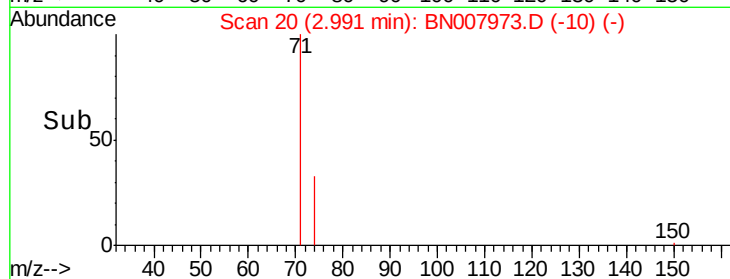
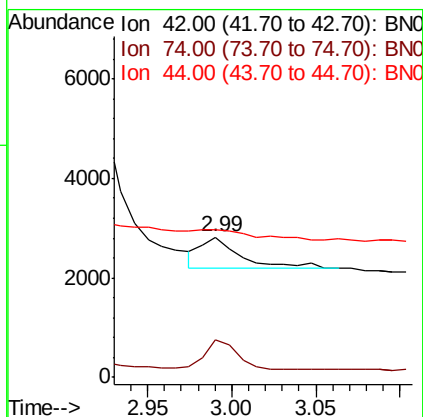
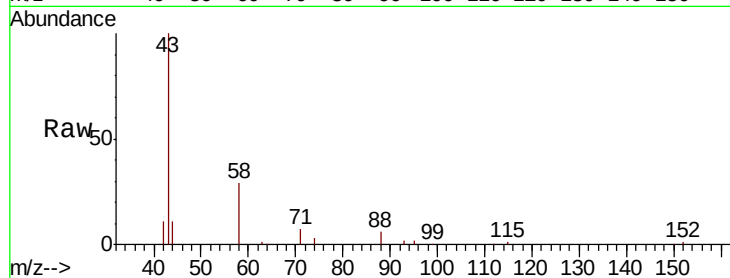


#3

n-Nitrosodimethylamine
 Concen: 37.513 ng
 RT: 2.99 min Scan# 20
 Delta R.T. -0.02 min
 Lab File: BN007973.D
 Acq: 02 Oct 2019 19:41

Instrument :
 BNA_N
 ClientSampled :

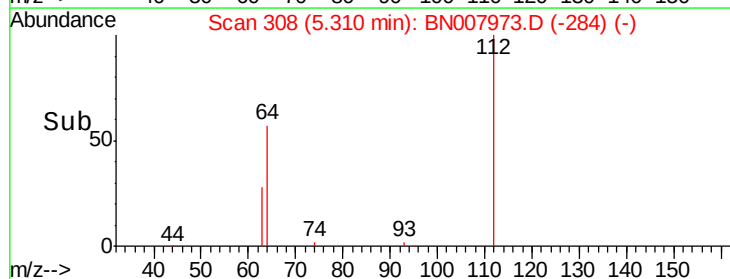
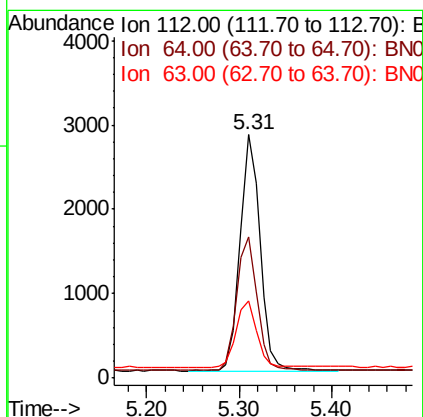
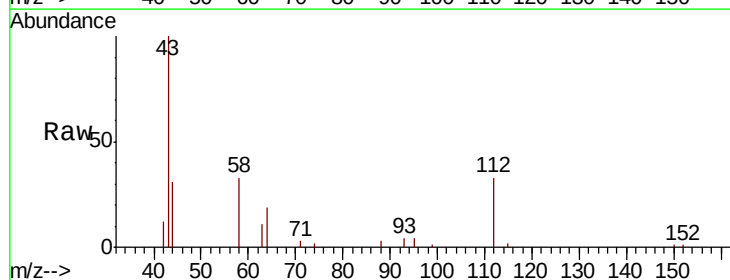
Tot Ion	42	Resp	1015
Ion Ratio	Lower	Upper	
42	100		
74	82.7	87.9	131.9#
44	0.0	29.4	44.0#

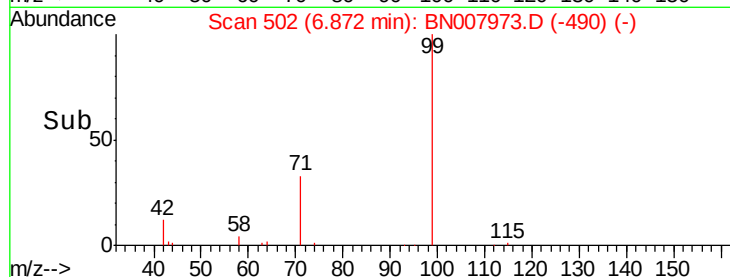
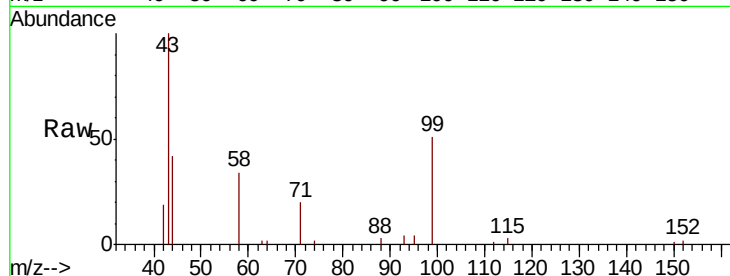
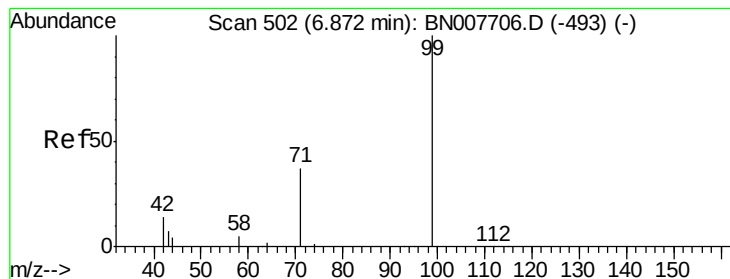


#4

2-Fluorophenol
 Concen: 23.014 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007973.D
 Acq: 02 Oct 2019 19:41

Tgt Ion	112	Resp	4198
Ion Ratio	Lower	Upper	
112	100		
64	57.6	46.6	70.0
63	28.4	23.1	34.7





#5

Phenol-d6

Concen: 24.903 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

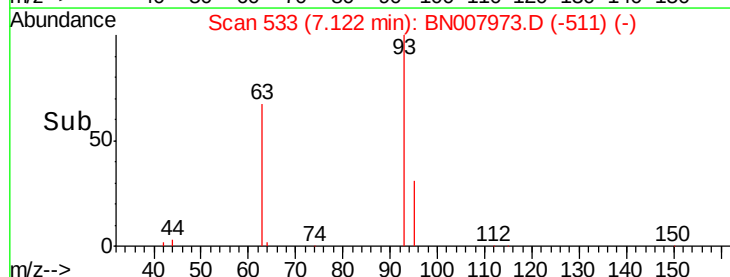
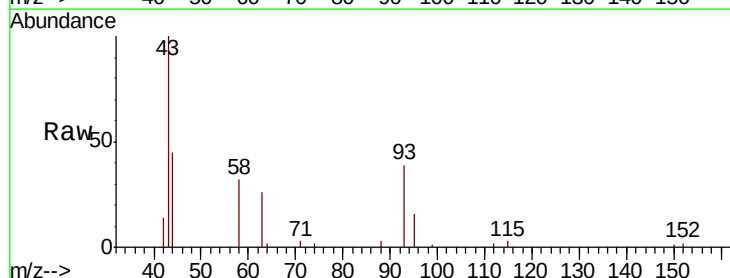
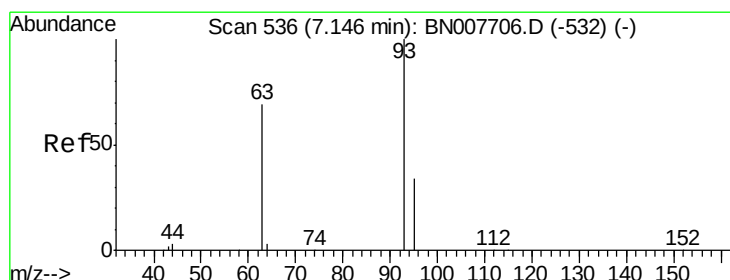
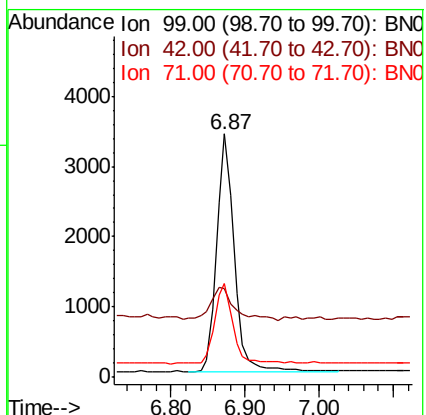
Tot Ion: 99 Resp: 5575

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

71 34.9 27.6 41.4



#6

bis(2-Chloroethyl)ether

Concen: 27.641 ng

RT: 7.12 min Scan# 533

Delta R.T. -0.02 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

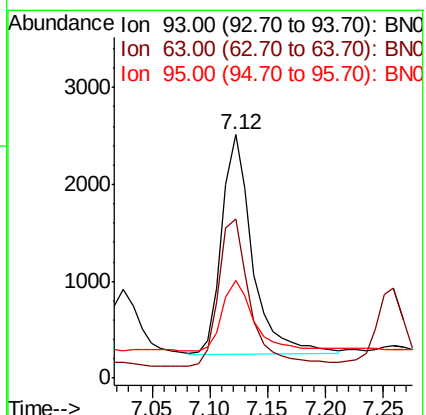
Tgt Ion: 93 Resp: 4148

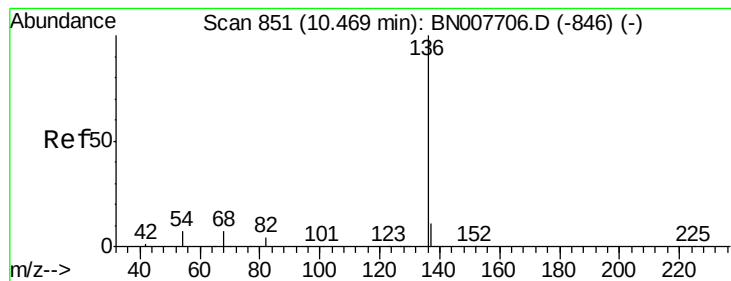
Ion Ratio Lower Upper

93 100

63 70.1 59.3 88.9

95 33.0 31.4 47.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 24

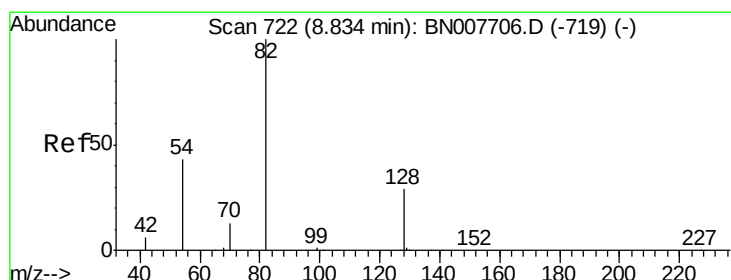
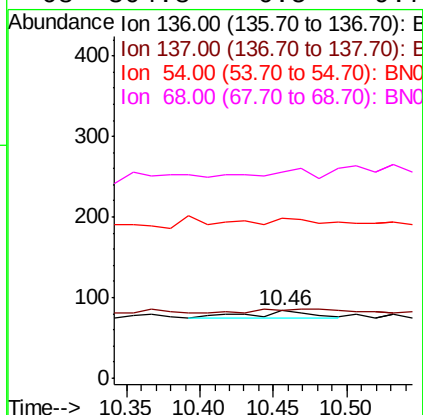
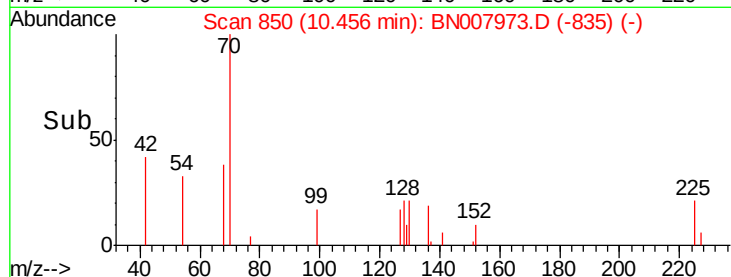
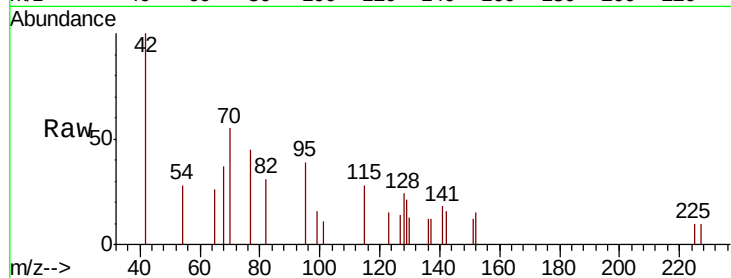
Ion Ratio Lower Upper

136 100

137 100.0 9.2 13.8#

54 235.7 5.8 8.8#

68 304.8 6.5 9.7#



#8

Nitrobenzene-d5

Concen: 222.558 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

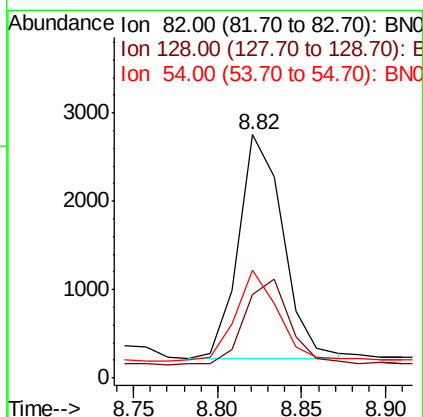
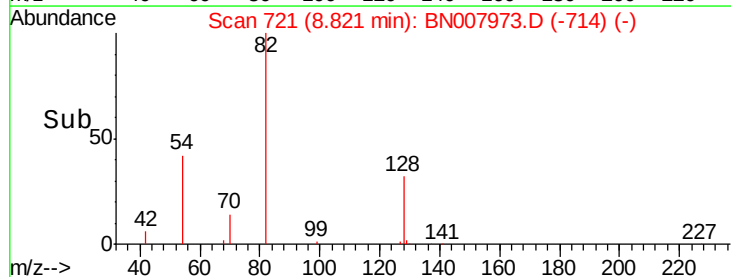
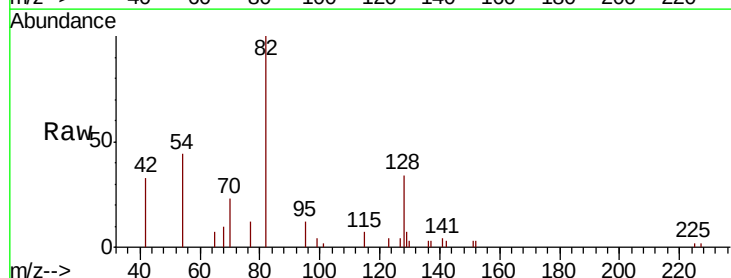
Tgt Ion: 82 Resp: 4672

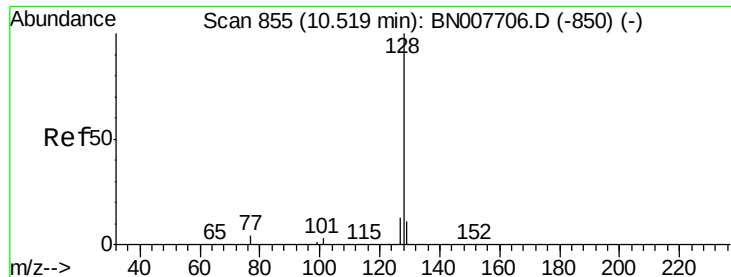
Ion Ratio Lower Upper

82 100

128 34.5 24.5 36.7

54 44.4 35.2 52.8





#9

Naphthalene

Concen: 224.087 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

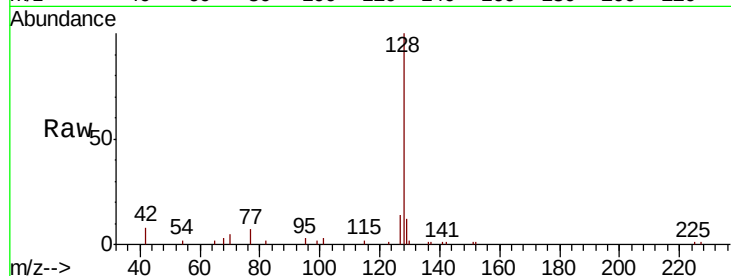
Tot Ion:128 Resp: 15093

Ion Ratio Lower Upper

128 100

129 12.3 9.1 13.7

127 13.7 10.6 15.8

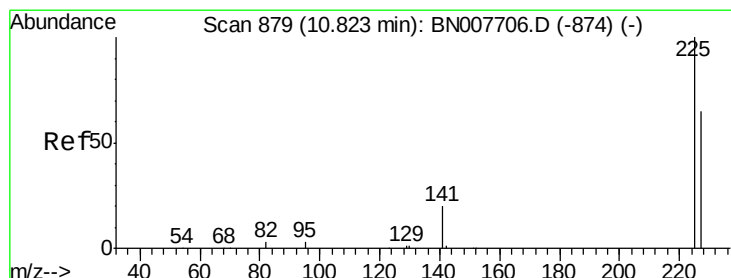
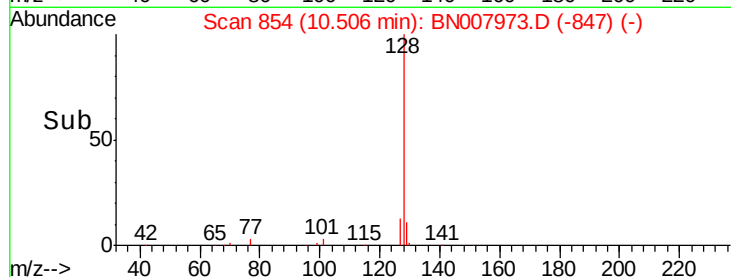
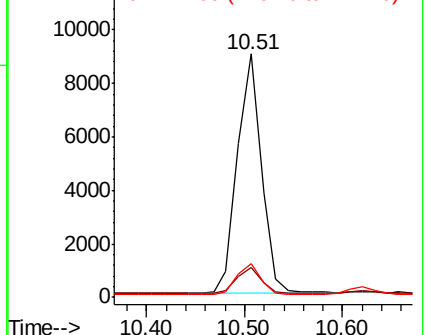


Abundance

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: 217.532 ng

RT: 10.80 min Scan# 877

Delta R.T. -0.03 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

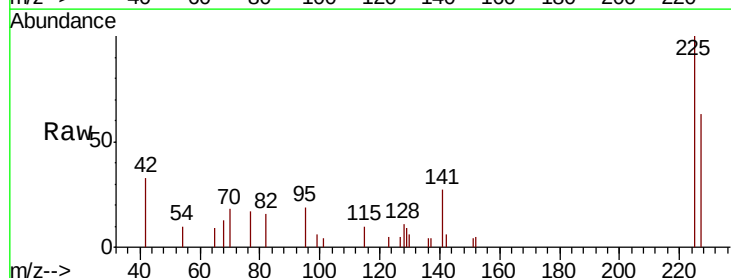
Tgt Ion:225 Resp: 3086

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.2 51.2 76.8

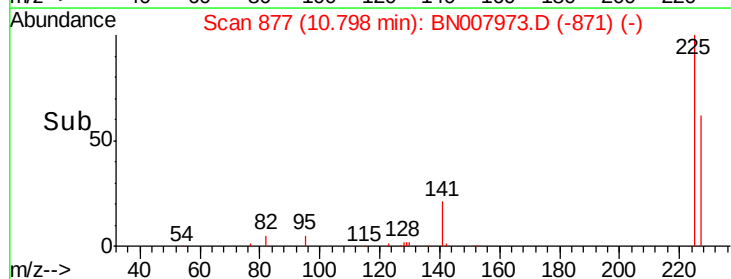
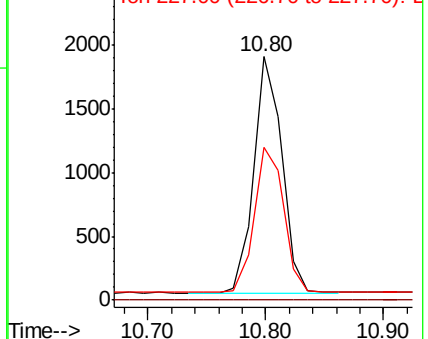


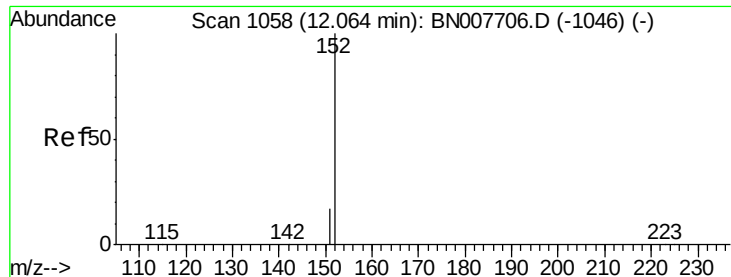
Abundance

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

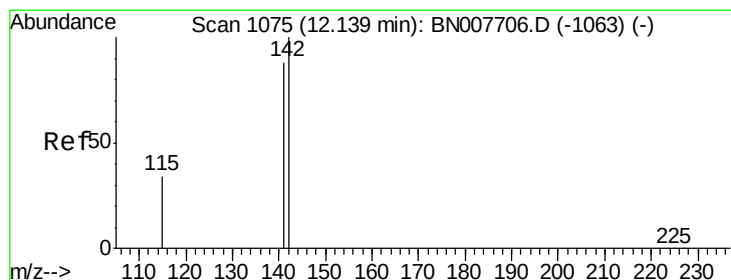
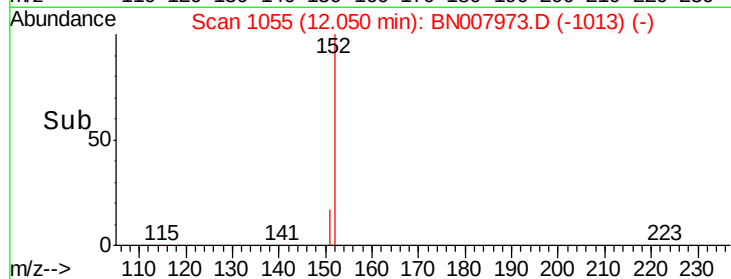
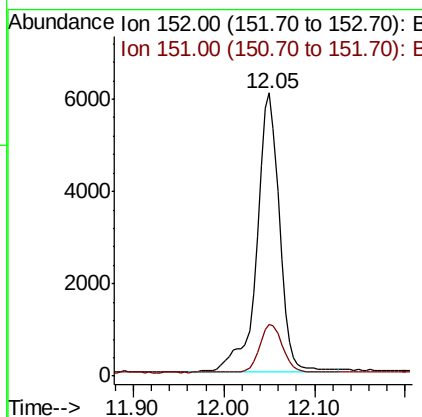
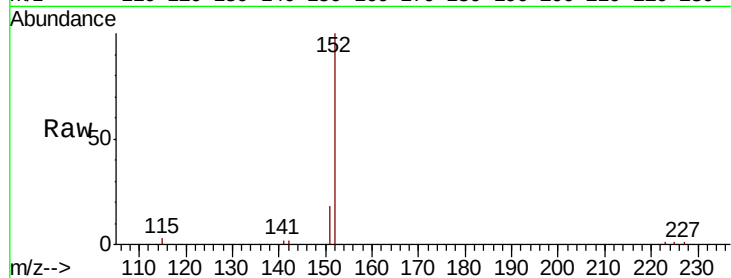




#11
 2-Methylnaphthalene-d10
 Concen: 257.733 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007973.D
 Acq: 02 Oct 2019 19:41

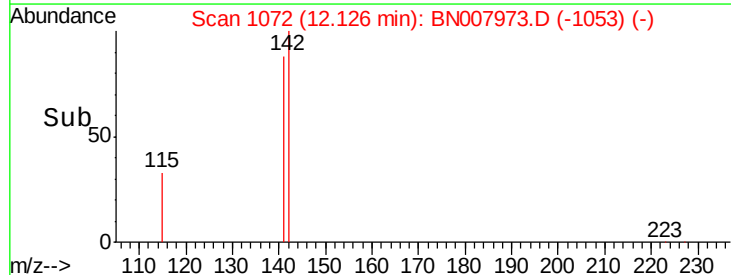
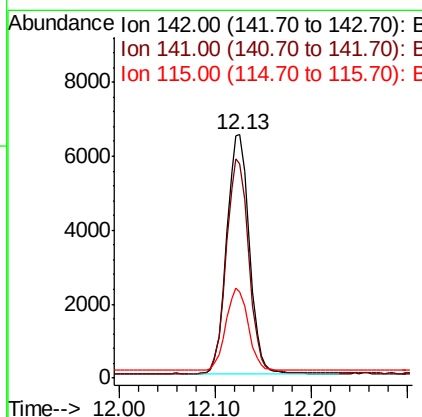
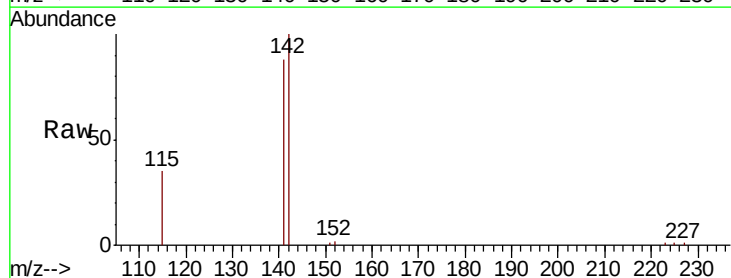
Instrument :
 BNA_N
 ClientSampleId :

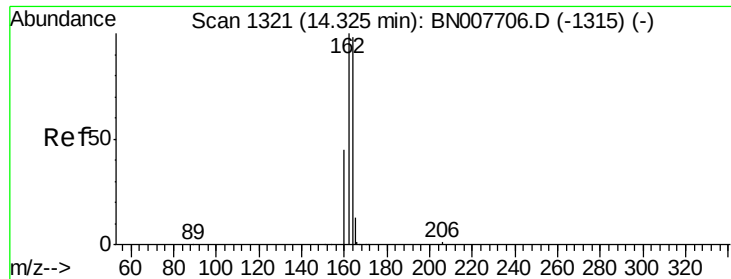
Tot Ion:152 Resp: 10421
 Ion Ratio Lower Upper
 152 100
 151 17.7 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 234.251 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007973.D
 Acq: 02 Oct 2019 19:41

Tgt Ion:142 Resp: 10664
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.6 106.0
 115 35.5 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1317

Delta R.T. -0.04 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

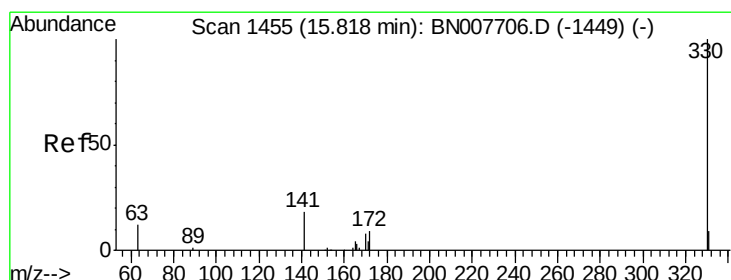
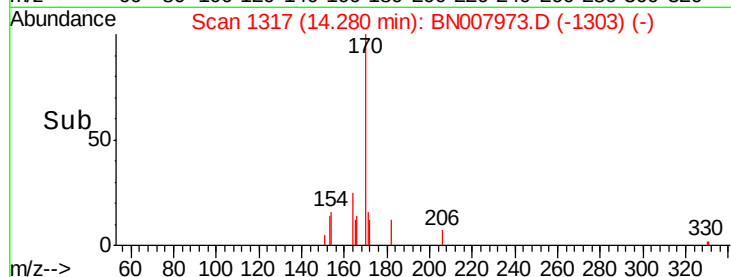
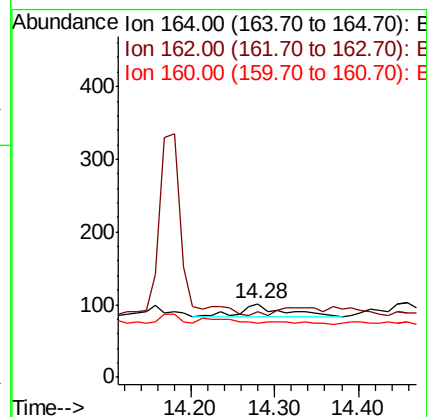
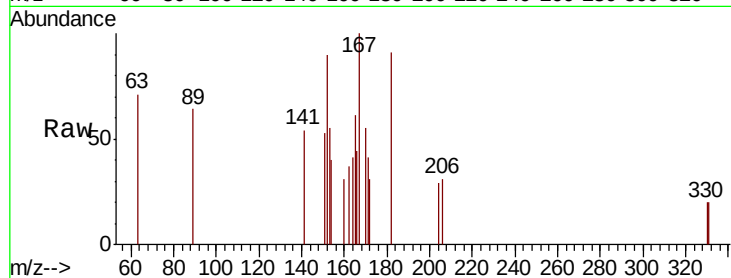
Tot Ion:164 Resp: 60

Ion Ratio Lower Upper

164 100

162 89.1 81.7 122.5

160 74.3 37.0 55.4#



#14

2,4,6-Tribromophenol

Concen: 54.530 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

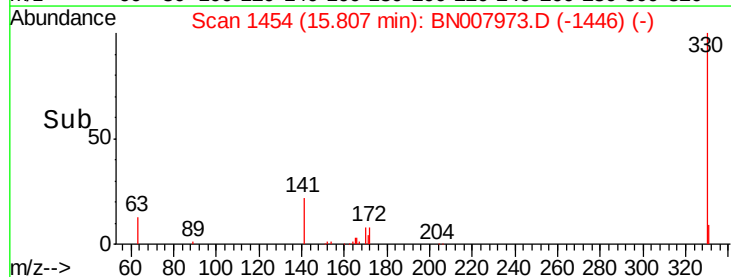
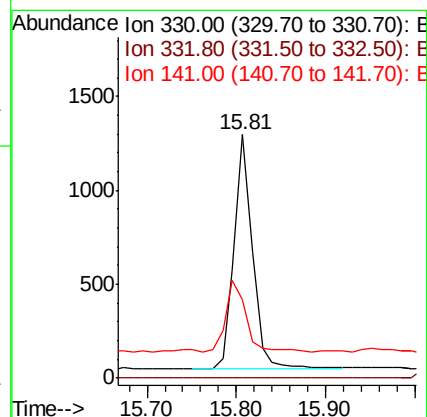
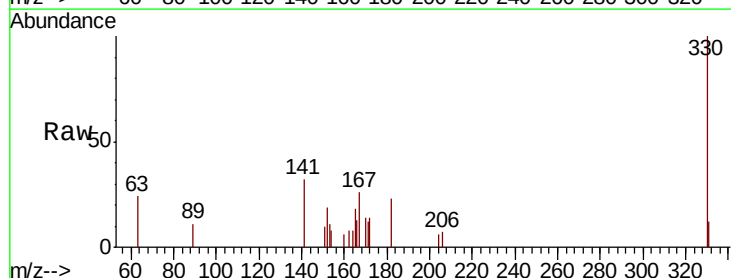
Tgt Ion:330 Resp: 1782

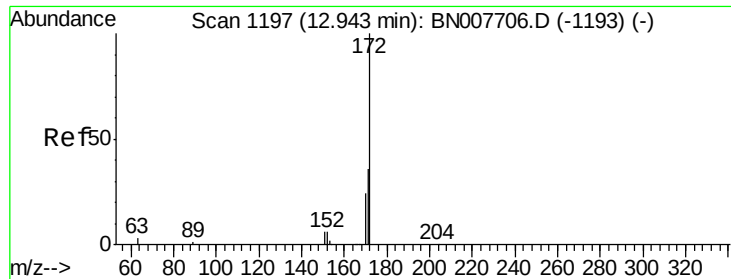
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.1 28.7 43.1

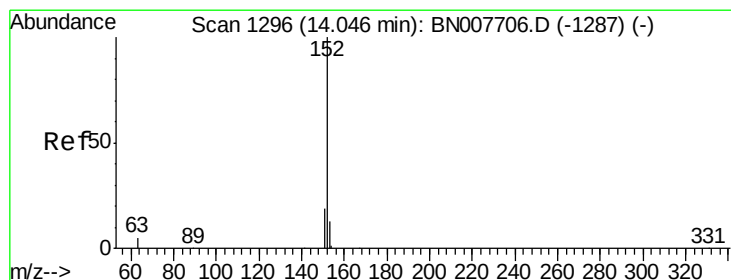
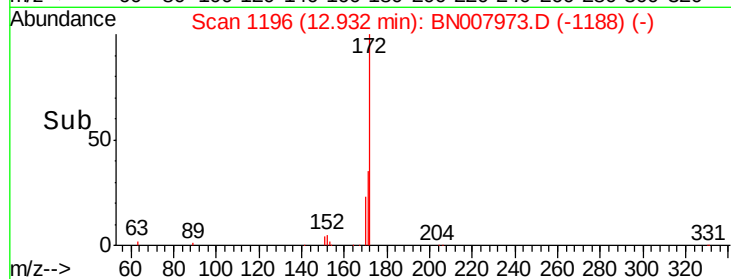
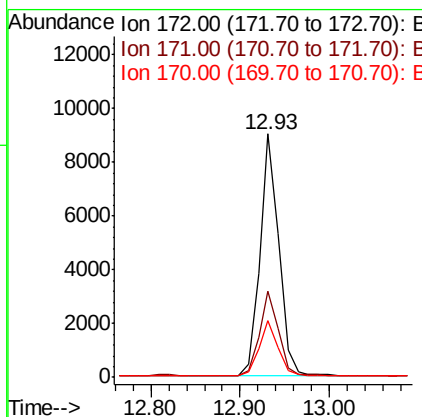
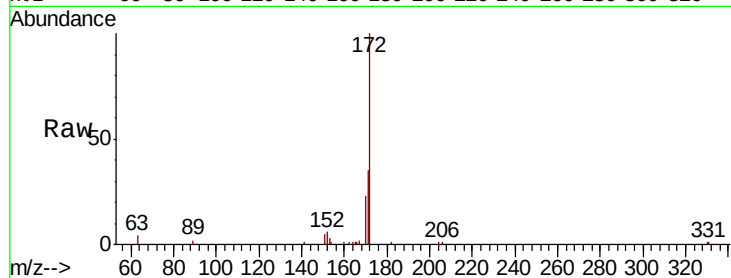




#15
2-Fluorobiphenyl
Concen: 53.593 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007973.D
Acq: 02 Oct 2019 19:41

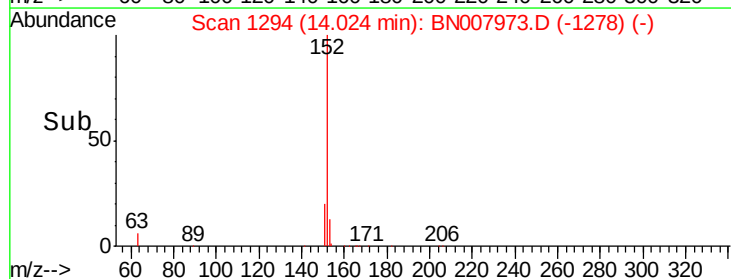
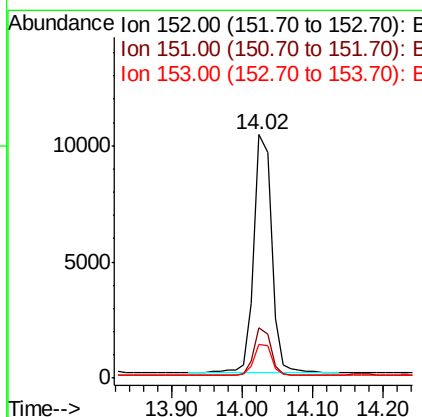
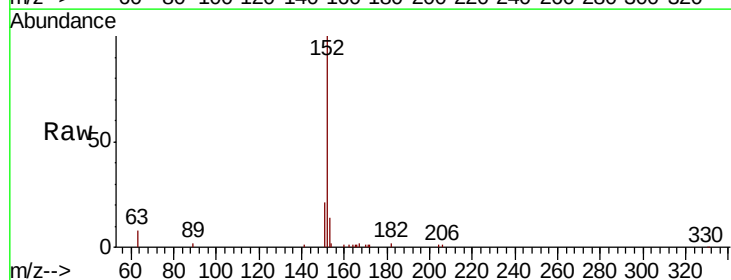
Instrument :
BNA_N
ClientSampleId :

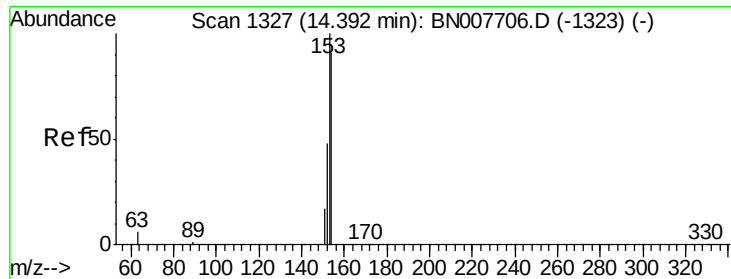
Tot Ion:172 Resp: 13244
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.4 19.5 29.3



#16
Acenaphthylene
Concen: 56.110 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007973.D
Acq: 02 Oct 2019 19:41

Tgt Ion:152 Resp: 17855
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 50.660 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

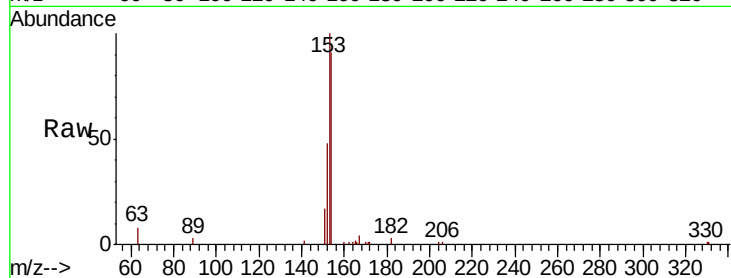
Tot Ion:154 Resp: 10393

Ion Ratio Lower Upper

154 100

153 112.7 87.0 130.4

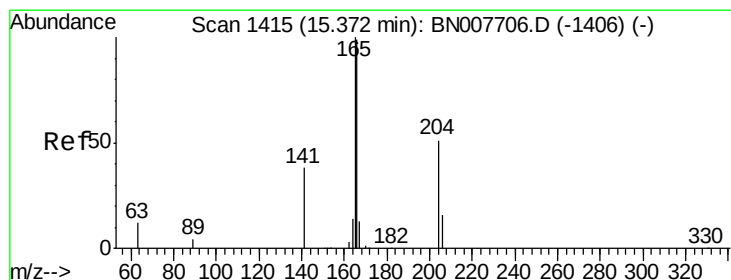
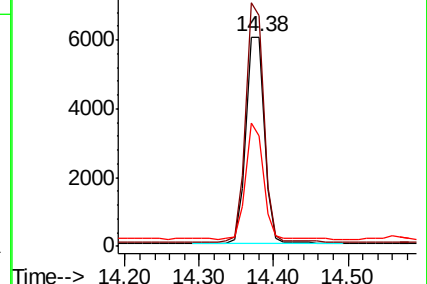
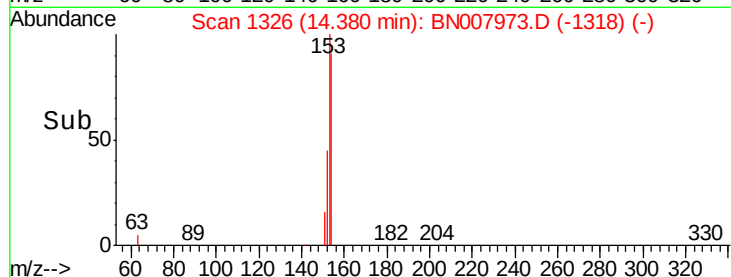
152 53.5 42.7 64.1



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: 52.987 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

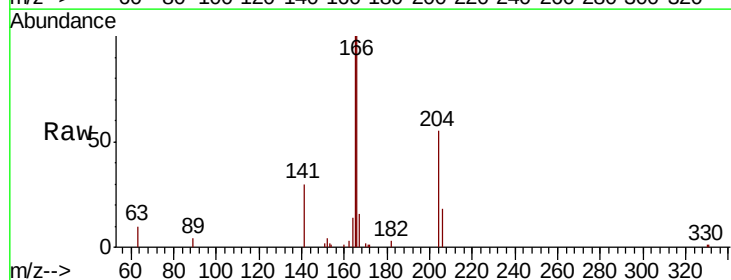
Tgt Ion:166 Resp: 13932

Ion Ratio Lower Upper

166 100

165 97.9 78.0 117.0

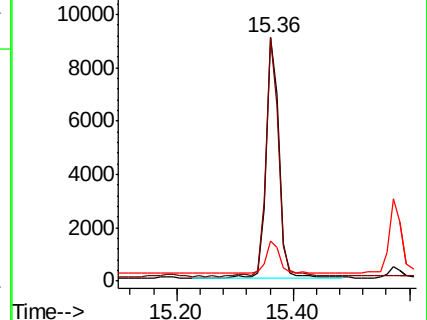
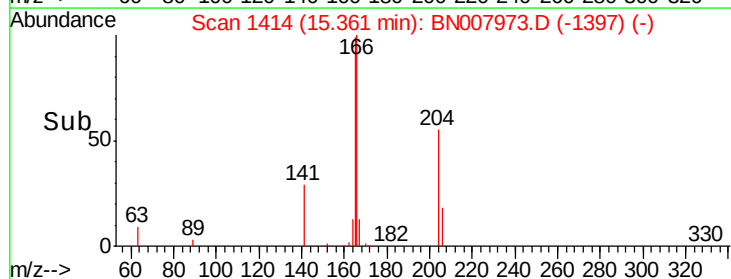
167 13.7 10.9 16.3

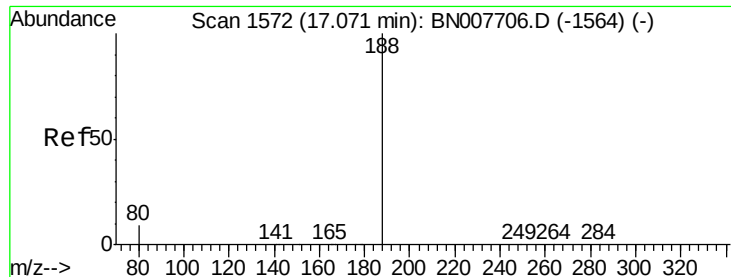


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.00 min Scan# 1565

Delta R.T. -0.07 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampled :

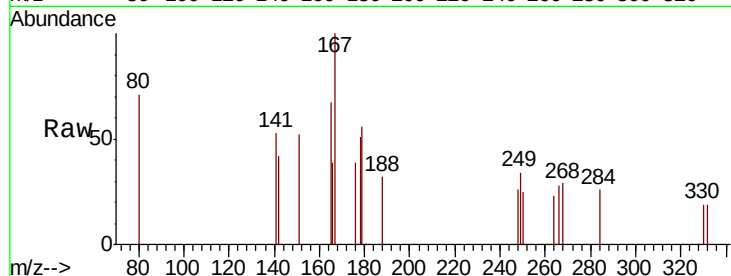
Tot Ion:188 Resp: 31

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

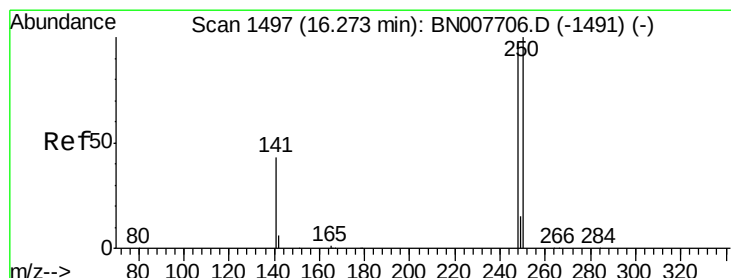
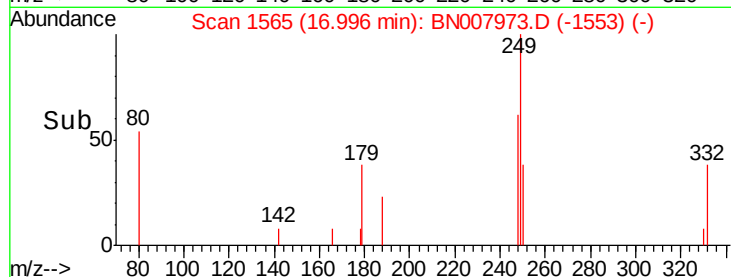
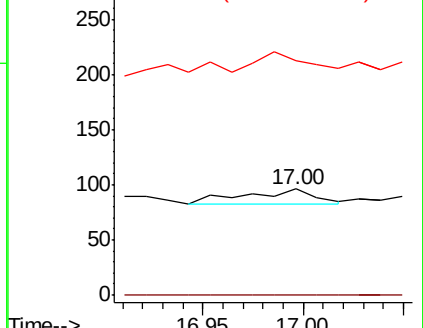
80 221.9 7.4 11.2#



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: 230.086 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

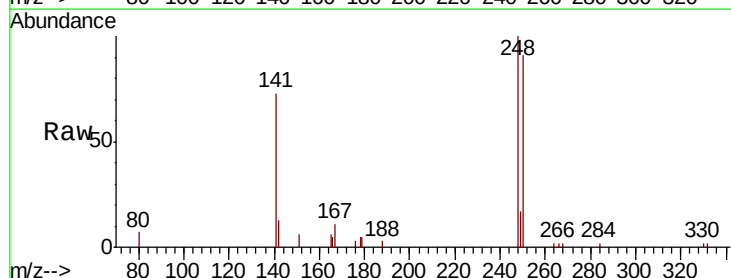
Tgt Ion:248 Resp: 4330

Ion Ratio Lower Upper

248 100

250 90.8 82.2 123.4

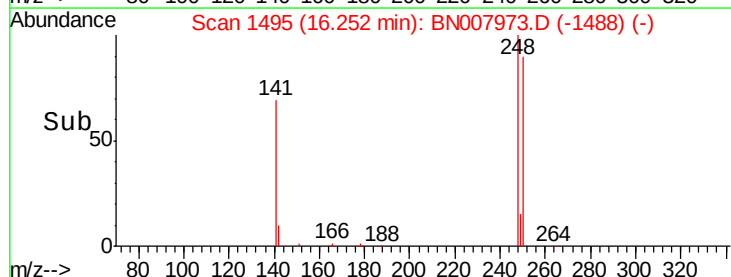
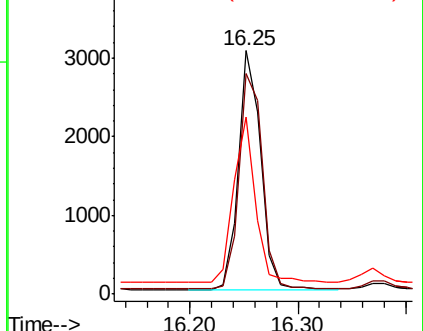
141 72.7 36.3 54.5#

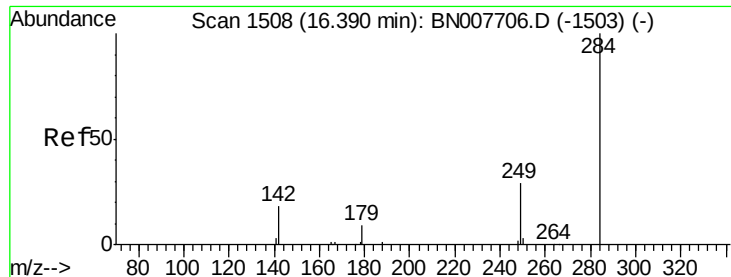


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 229.996 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

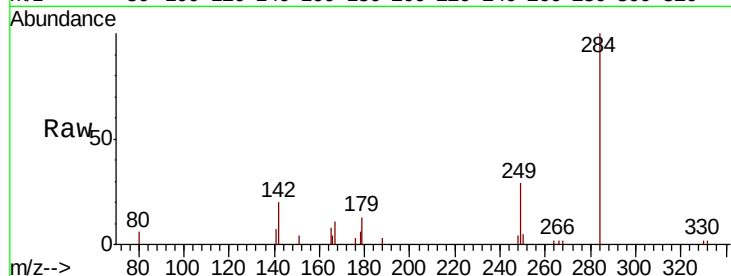
Tot Ion:284 Resp: 4731

Ion Ratio Lower Upper

284 100

142 31.3 25.8 38.6

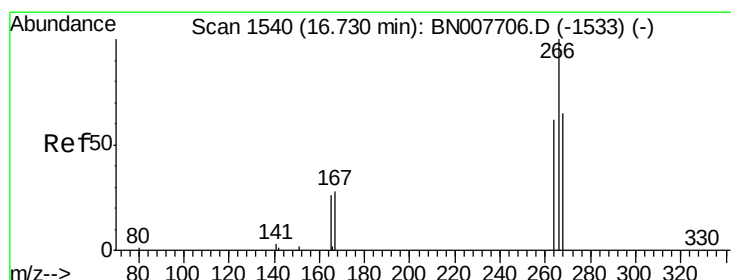
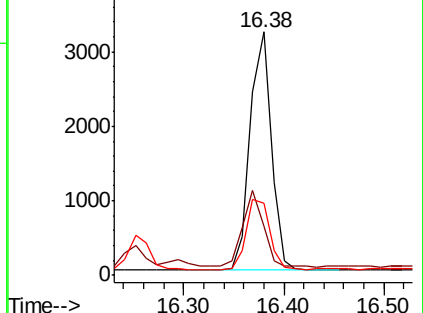
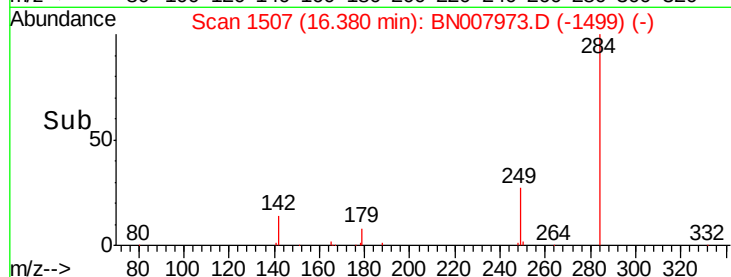
249 31.8 25.9 38.9



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: 533.825 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

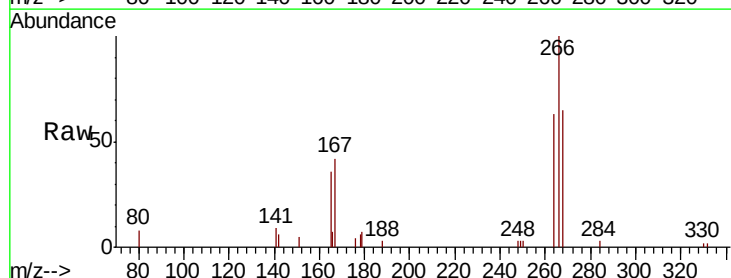
Tgt Ion:266 Resp: 4049

Ion Ratio Lower Upper

266 100

264 63.0 50.0 75.0

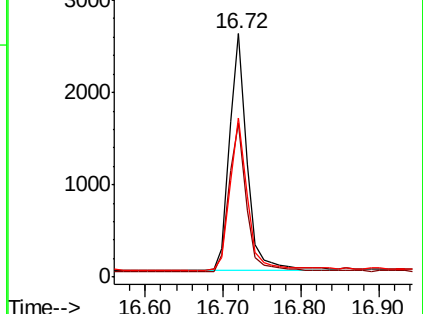
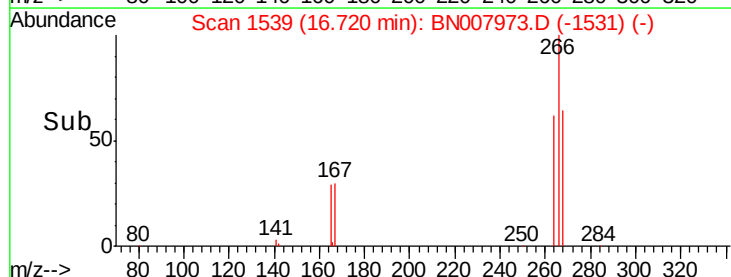
268 65.5 54.2 81.4

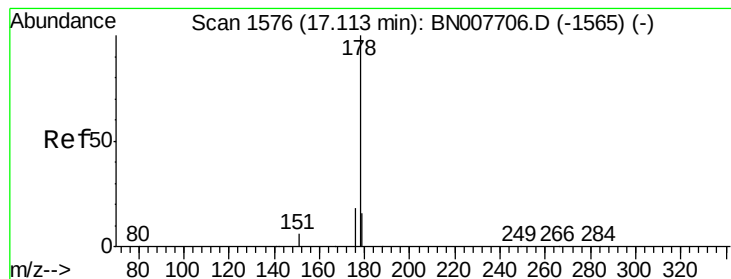


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 229.015 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

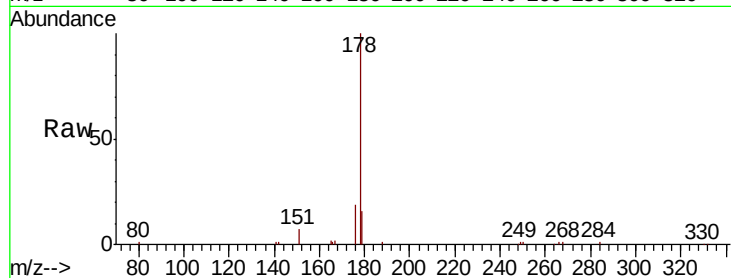
Tot Ion:178 Resp: 22116

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.6 12.5 18.7

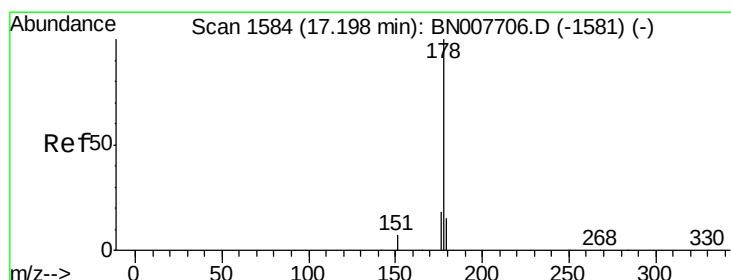
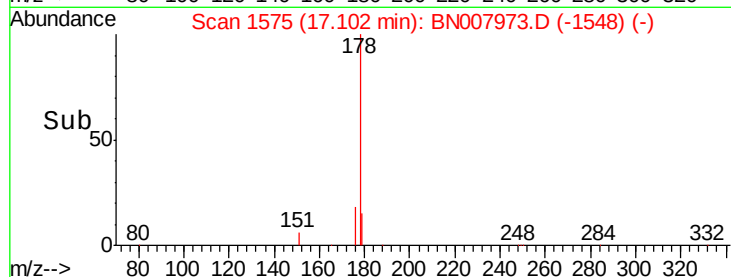
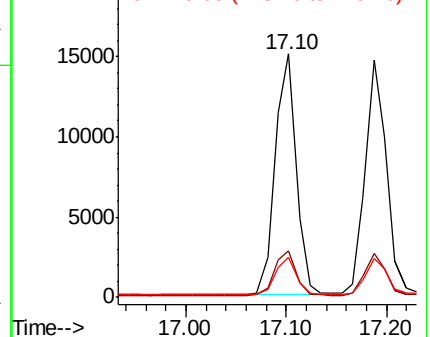


Abundance

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: 252.339 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.10 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

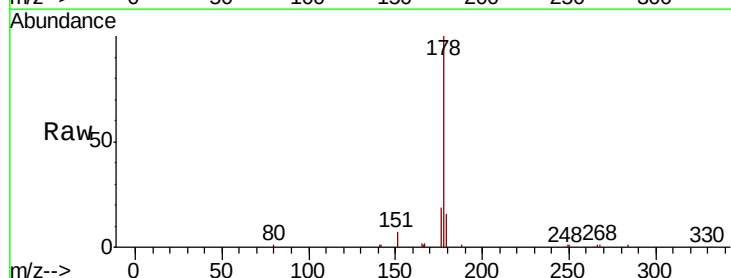
Tgt Ion:178 Resp: 22009

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.5 12.2 18.4

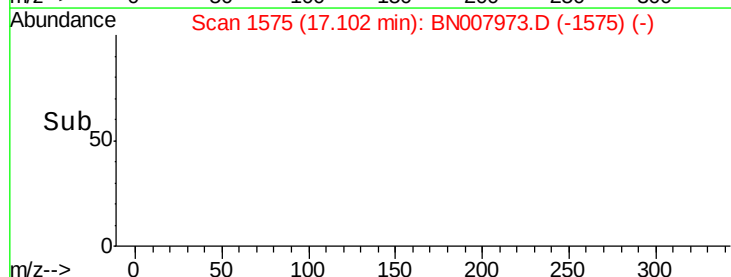
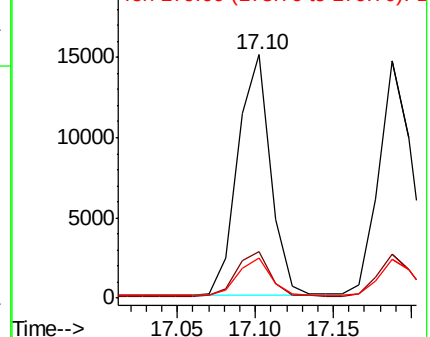


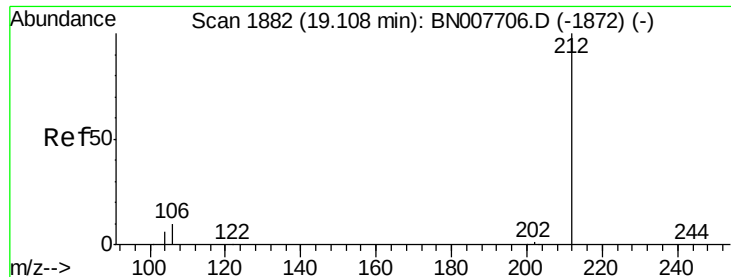
Abundance

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: 246.616 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampled :

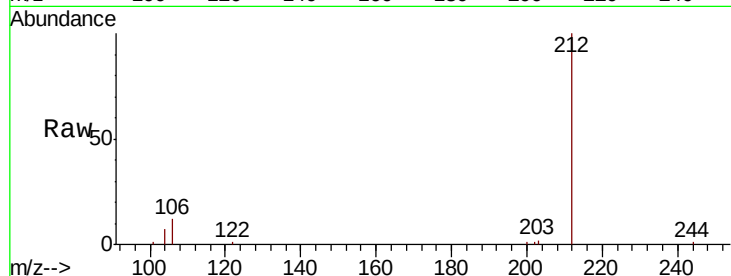
Tot Ion:212 Resp: 25767

Ion Ratio Lower Upper

212 100

106 11.4 9.4 14.0

104 6.5 5.3 7.9

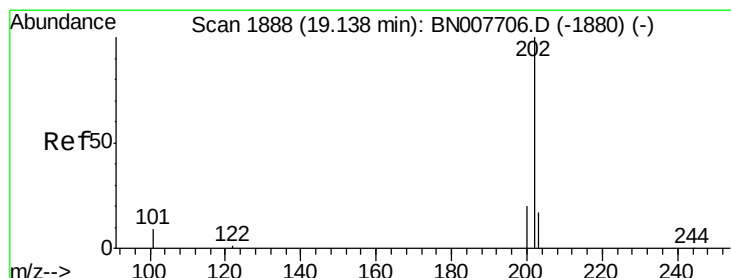
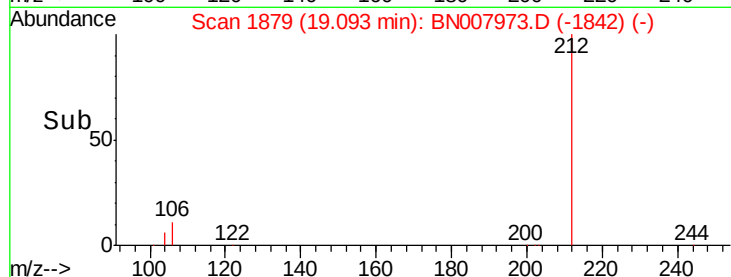
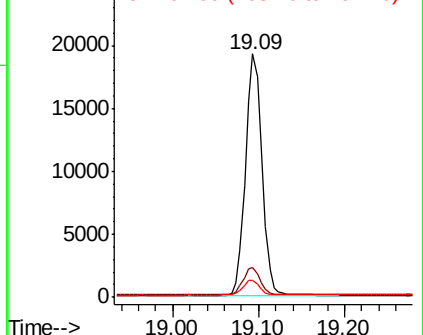


Abundance

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: 238.333 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

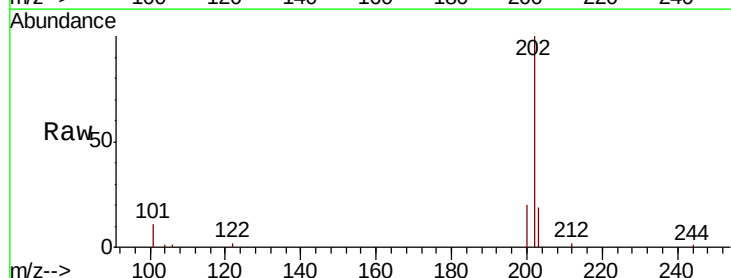
Tgt Ion:202 Resp: 28619

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

203 17.4 13.8 20.8

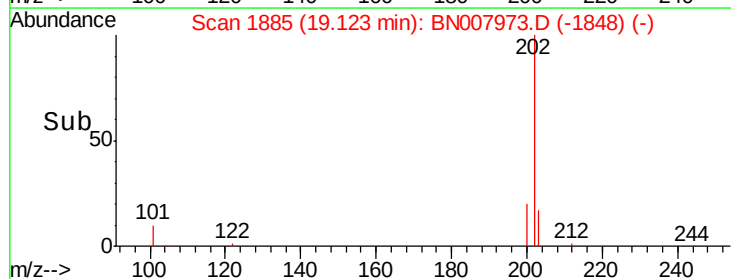
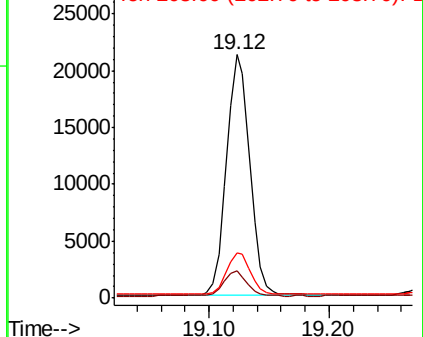


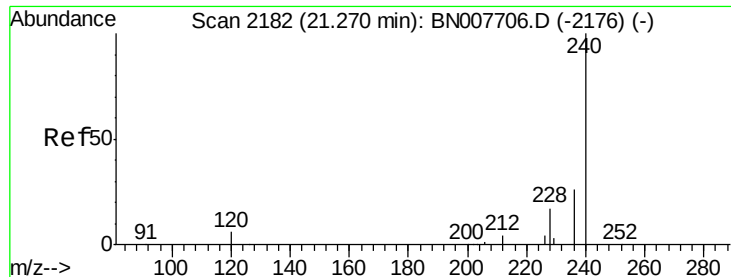
Abundance

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

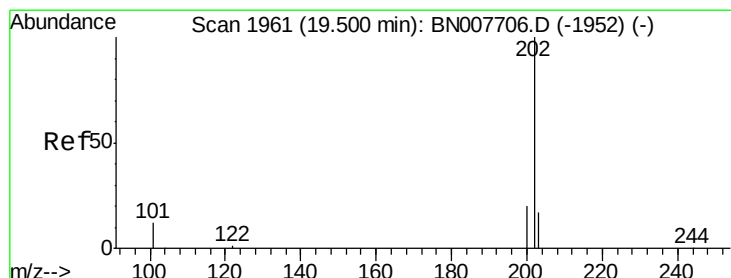
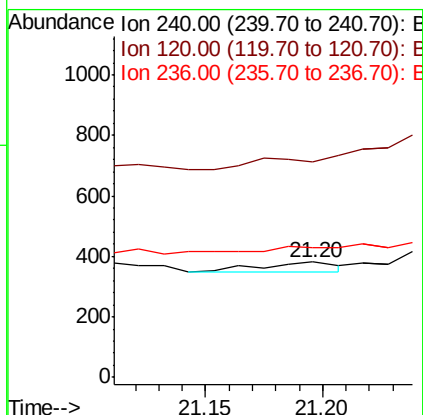
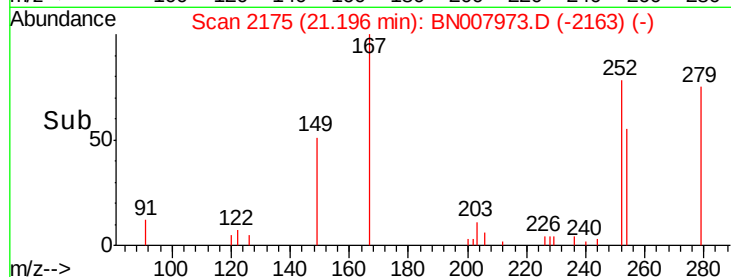
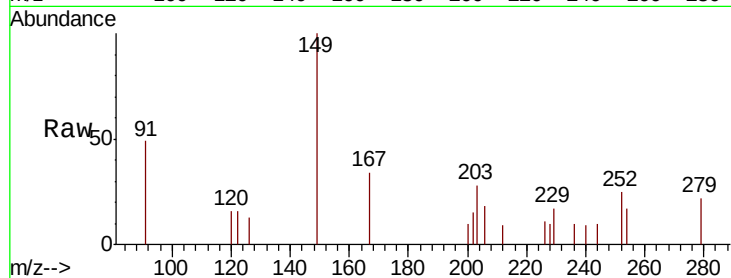




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.07 min
Lab File: BN007973.D
Acq: 02 Oct 2019 19:41

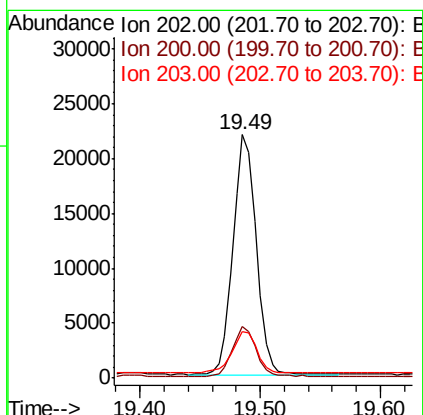
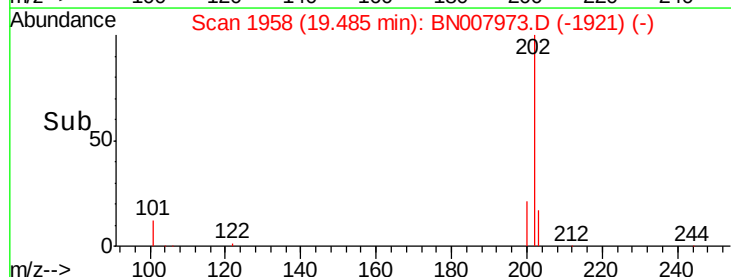
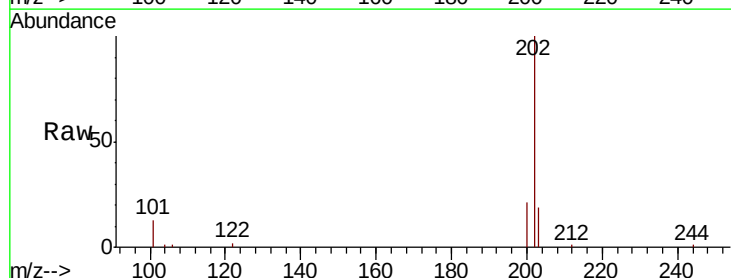
Instrument :
BNA_N
ClientSampleId :

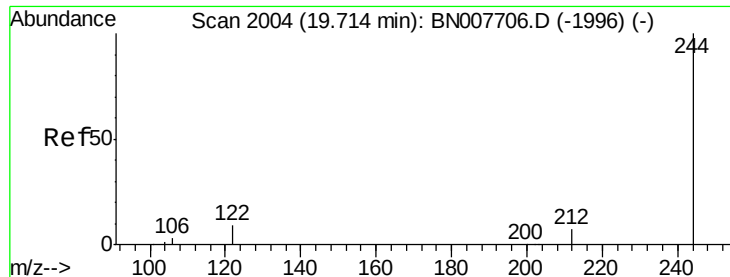
Tot Ion:240 Resp: 70
Ion Ratio Lower Upper
240 100
120 187.4 5.4 8.2#
236 112.1 21.0 31.4#



#28
Pyrene
Concen: 123.239 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN007973.D
Acq: 02 Oct 2019 19:41

Tgt Ion:202 Resp: 29422
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 18.4 14.1 21.1

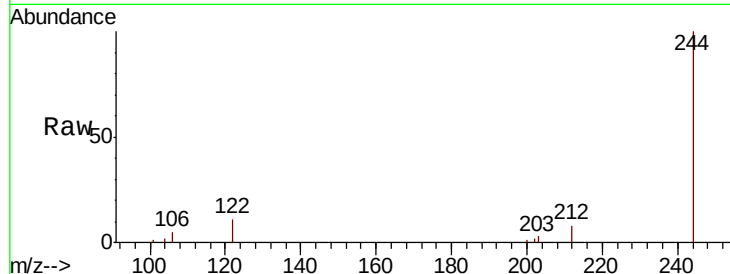




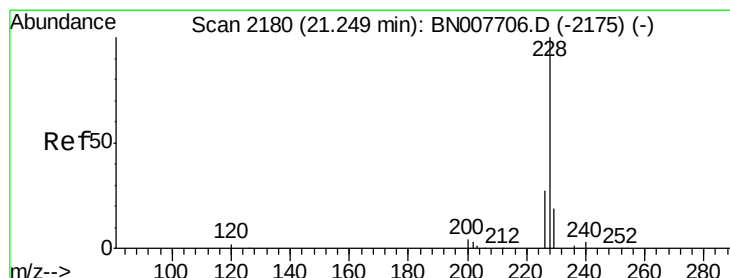
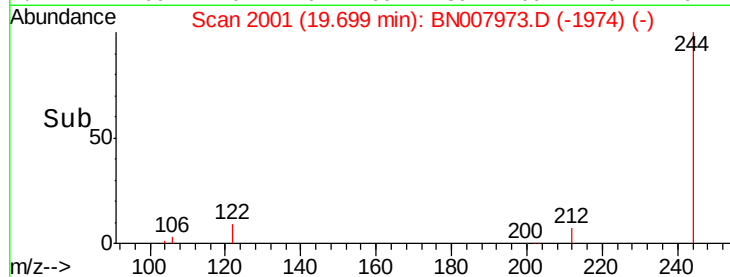
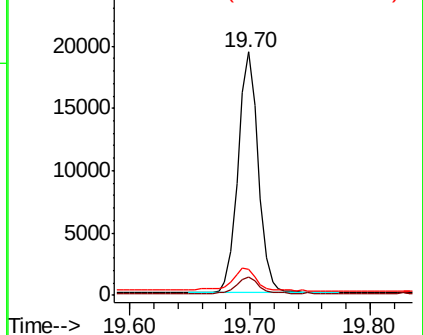
#29
 Terphenyl-d14
 Concen: 131.778 ng
 RT: 19.70 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BN007973.D
 Acq: 02 Oct 2019 19:41

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:244 Resp: 22658
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.9 7.4 11.2

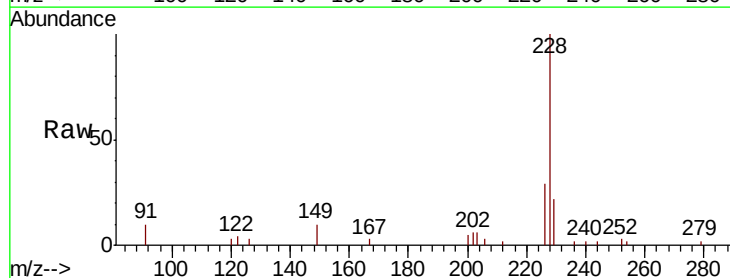


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

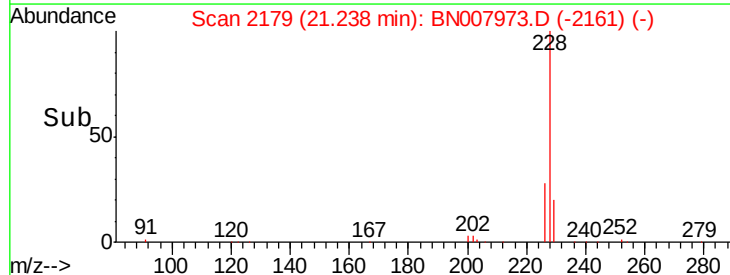
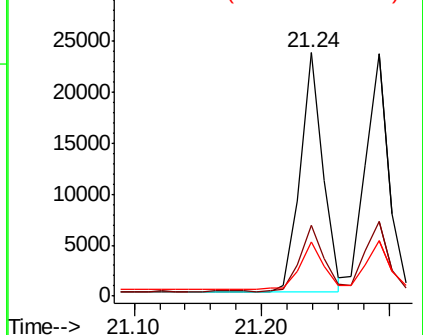


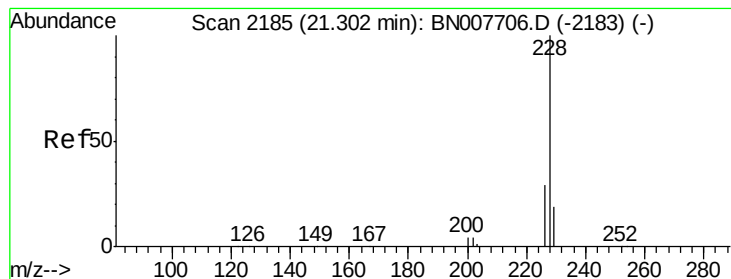
#30
 Benzo(a)anthracene
 Concen: 112.997 ng
 RT: 21.24 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BN007973.D
 Acq: 02 Oct 2019 19:41

Tgt Ion:228 Resp: 29128
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.1 33.1
 229 22.3 15.8 23.6



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: 115.362 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.06 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

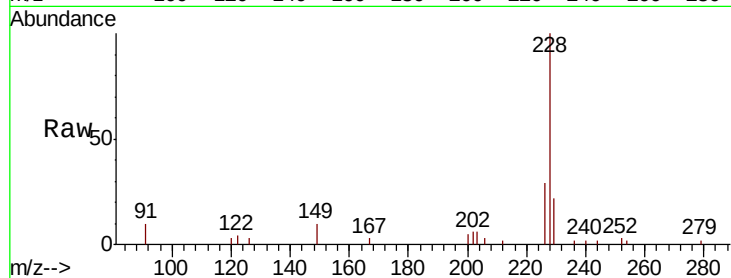
Tot Ion:228 Resp: 28982

Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

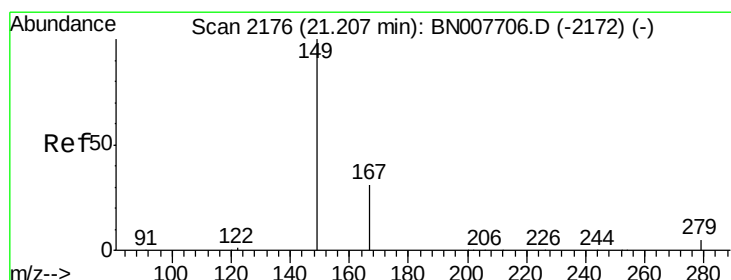
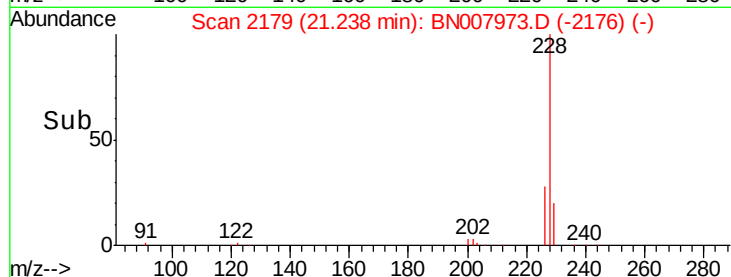
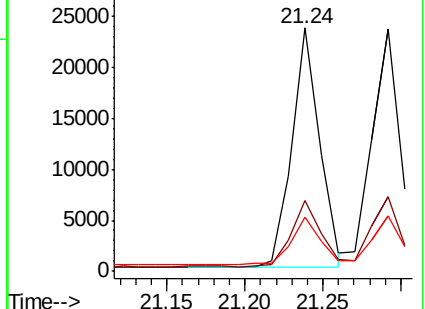
229 22.3 15.8 23.6



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: 122.482 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

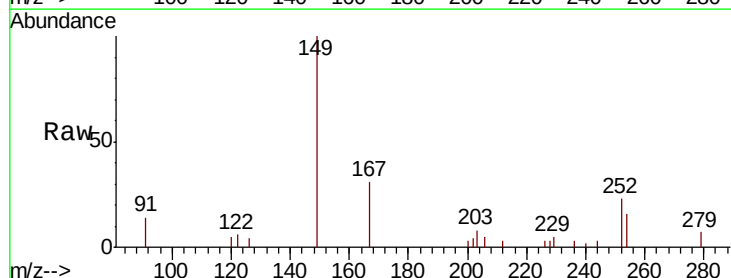
Tgt Ion:149 Resp: 16238

Ion Ratio Lower Upper

149 100

167 30.1 23.7 35.5

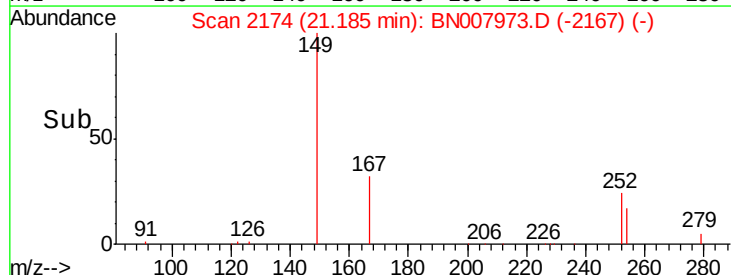
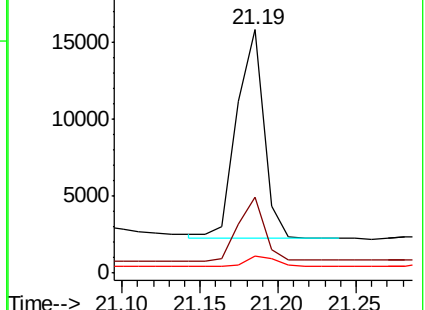
279 5.5 4.2 6.2

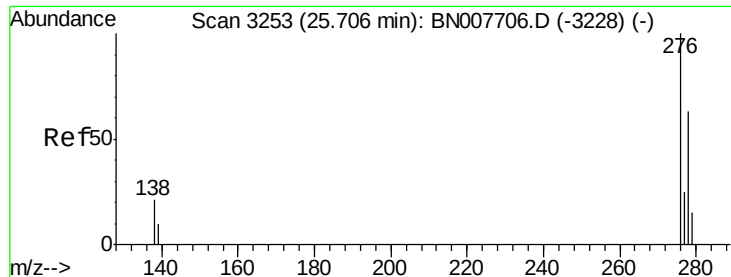


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

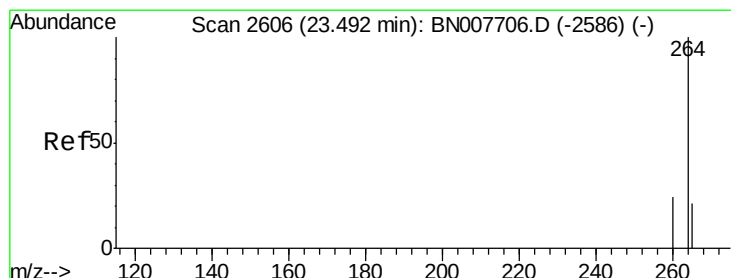
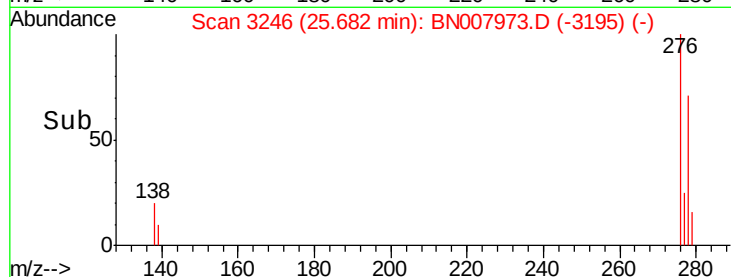
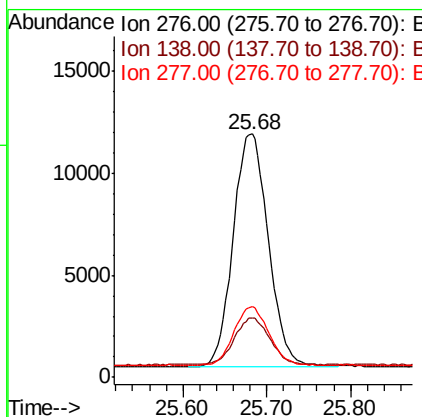
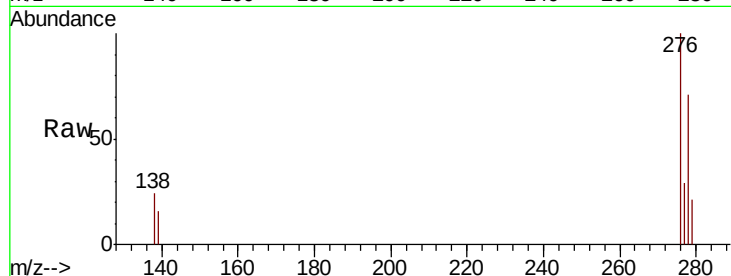




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 106.593 ng
 RT: 25.68 min Scan# 3246
 Delta R.T. -0.02 min
 Lab File: BN007973.D
 Acq: 02 Oct 2019 19:41

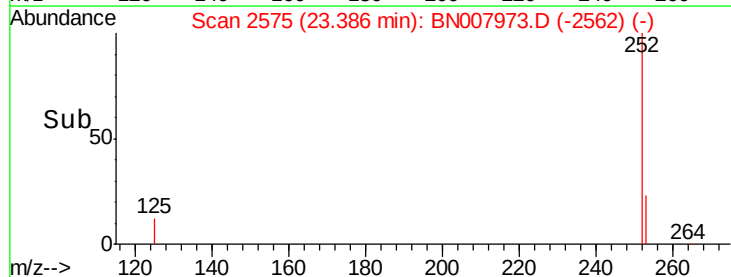
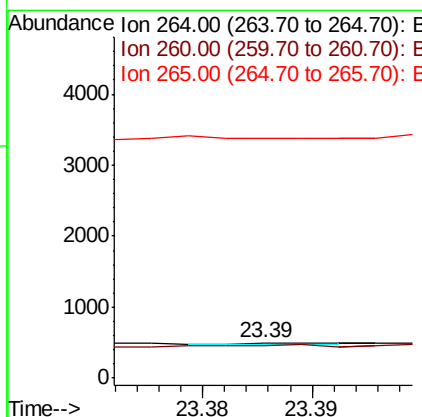
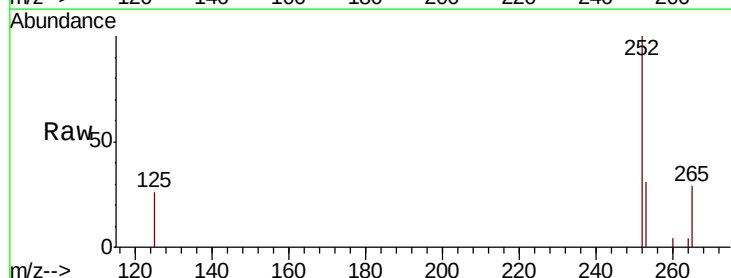
Instrument :
 BNA_N
 ClientSampleId :

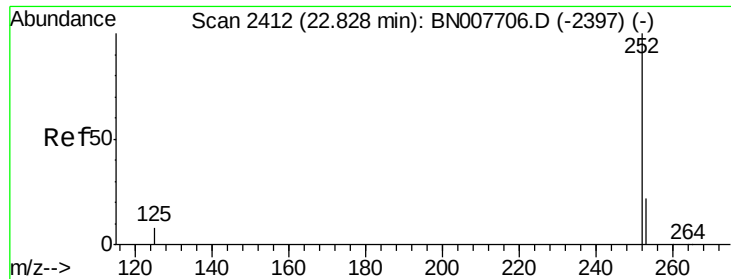
Tot Ion:276 Resp: 33528
 Ion Ratio Lower Upper
 276 100
 138 20.0 17.1 25.7
 277 24.6 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.39 min Scan# 2575
 Delta R.T. -0.11 min
 Lab File: BN007973.D
 Acq: 02 Oct 2019 19:41

Tgt Ion:264 Resp: 8
 Ion Ratio Lower Upper
 264 100
 260 90.8 19.3 28.9#
 265 677.5 26.9 40.3#





#35

Benzo(b)fluoranthene

Concen: 1056.835 ng

RT: 22.81 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BN007973.D

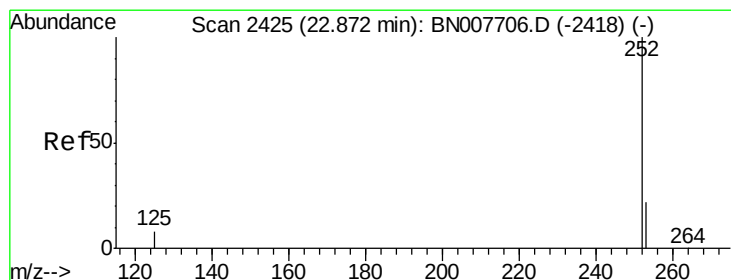
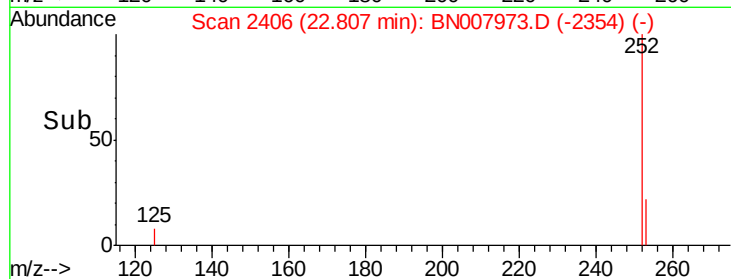
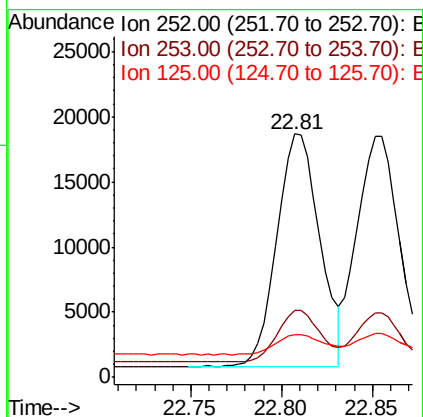
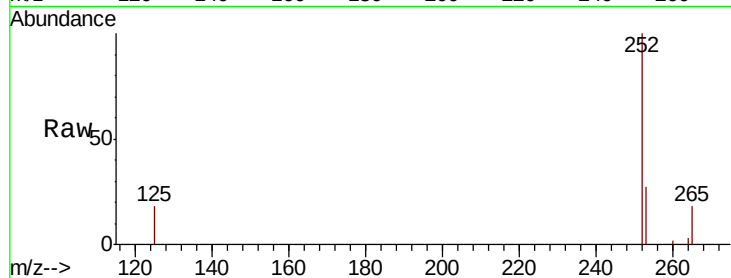
Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	252	Resp:	29352
Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.3	27.5
125	17.5	8.2	12.4#



#36

Benzo(k)fluoranthene

Concen: 1068.773 ng

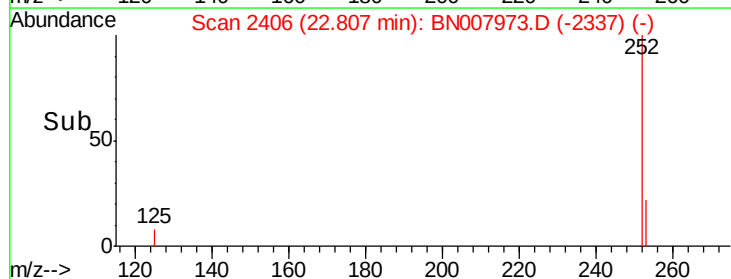
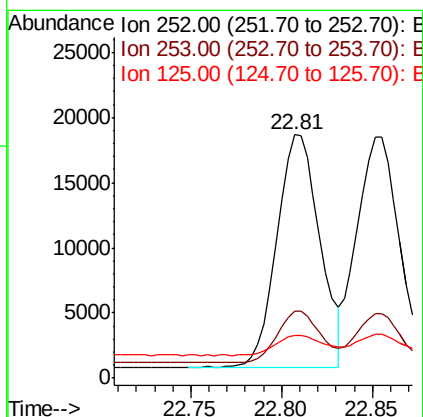
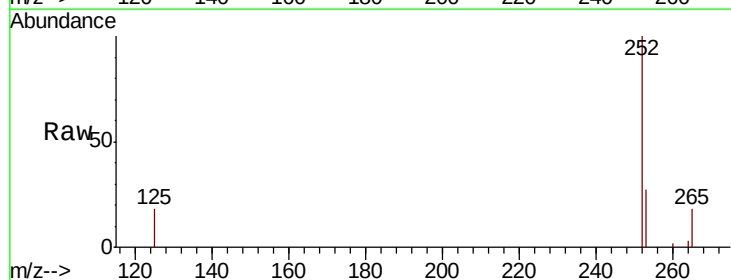
RT: 22.81 min Scan# 2406

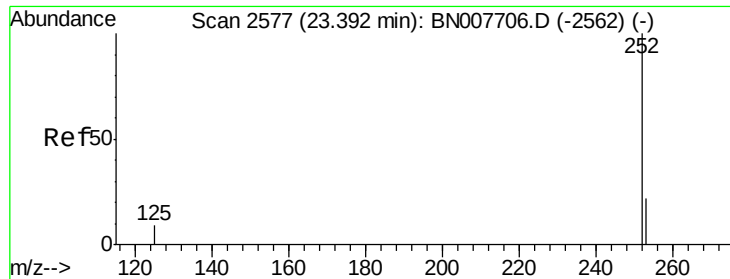
Delta R.T. -0.07 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Tgt Ion:	252	Resp:	29352
Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.5	27.7
125	17.5	8.4	12.6#





#37

Benzo(a)pyrene

Concen: 1091.662 ng

RT: 23.38 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

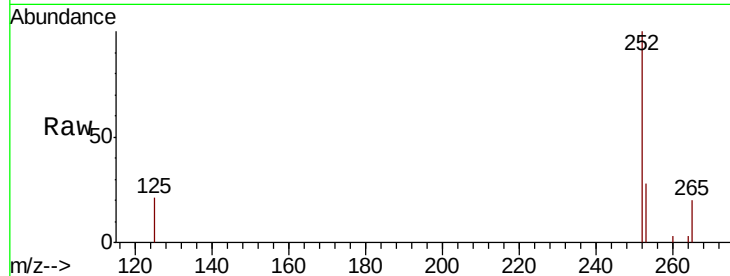
Tot Ion:252 Resp: 28492

Ion Ratio Lower Upper

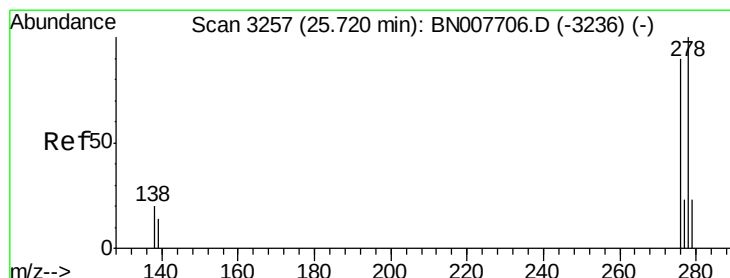
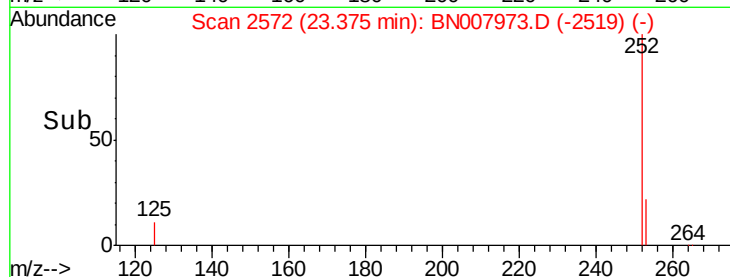
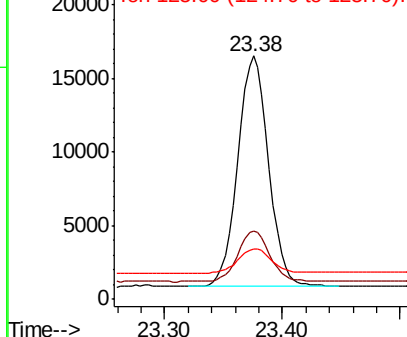
252 100

253 28.1 18.6 27.8#

125 20.8 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 1038.197 ng

RT: 25.69 min Scan# 3249

Delta R.T. -0.03 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

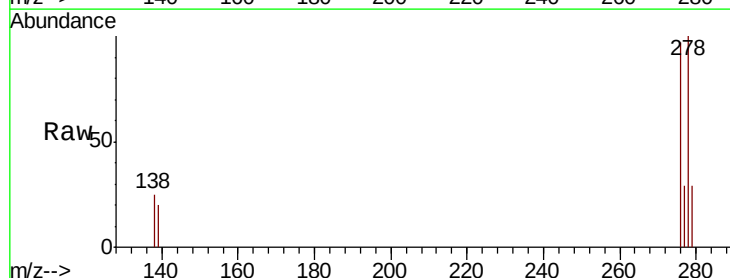
Tgt Ion:278 Resp: 27726

Ion Ratio Lower Upper

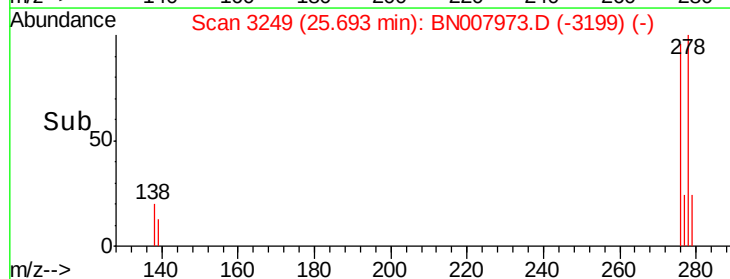
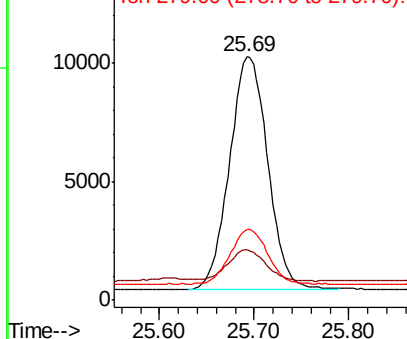
278 100

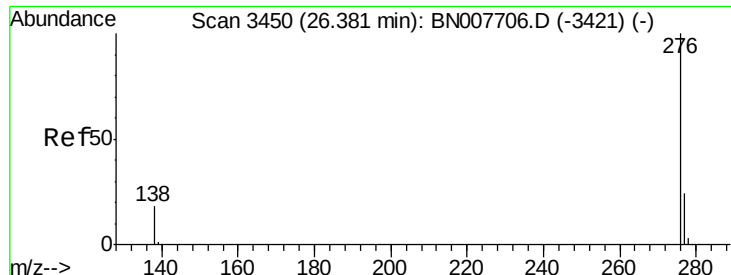
139 20.5 11.8 17.6#

279 29.1 19.4 29.2



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: 1076.367 ng

RT: 26.35 min Scan# 3442

Delta R.T. -0.03 min

Lab File: BN007973.D

Acq: 02 Oct 2019 19:41

Instrument :

BNA_N

ClientSampleId :

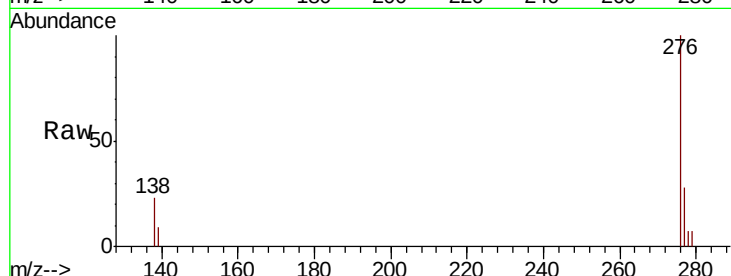
Tot Ion: 276 Resp: 28443

Ion Ratio Lower Upper

276 100

277 28.3 19.8 29.8

138 22.8 15.1 22.7#



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

