

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
 Data File : BN007980.D
 Acq On : 02 Oct 2019 23:53
 Operator : JU
 Sample : K5077-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 03 06:49:06 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	5538	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	23344	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14569	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	30904	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	33498	0.40	ng	-0.02
34) Perylene-d12	23.46	264	35581	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	5549	0.29	ng	0.00
5) Phenol-d6	6.87	99	8084	0.34	ng	0.00
8) Nitrobenzene-d5	8.82	82	6013	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	13131	0.33	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	1946	0.25	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	16882	0.28	ng	-0.01
25) Fluoranthene-d10	19.09	212	32320	0.31	ng	-0.01
29) Terphenyl-d14	19.70	244	29066	0.35	ng	-0.01

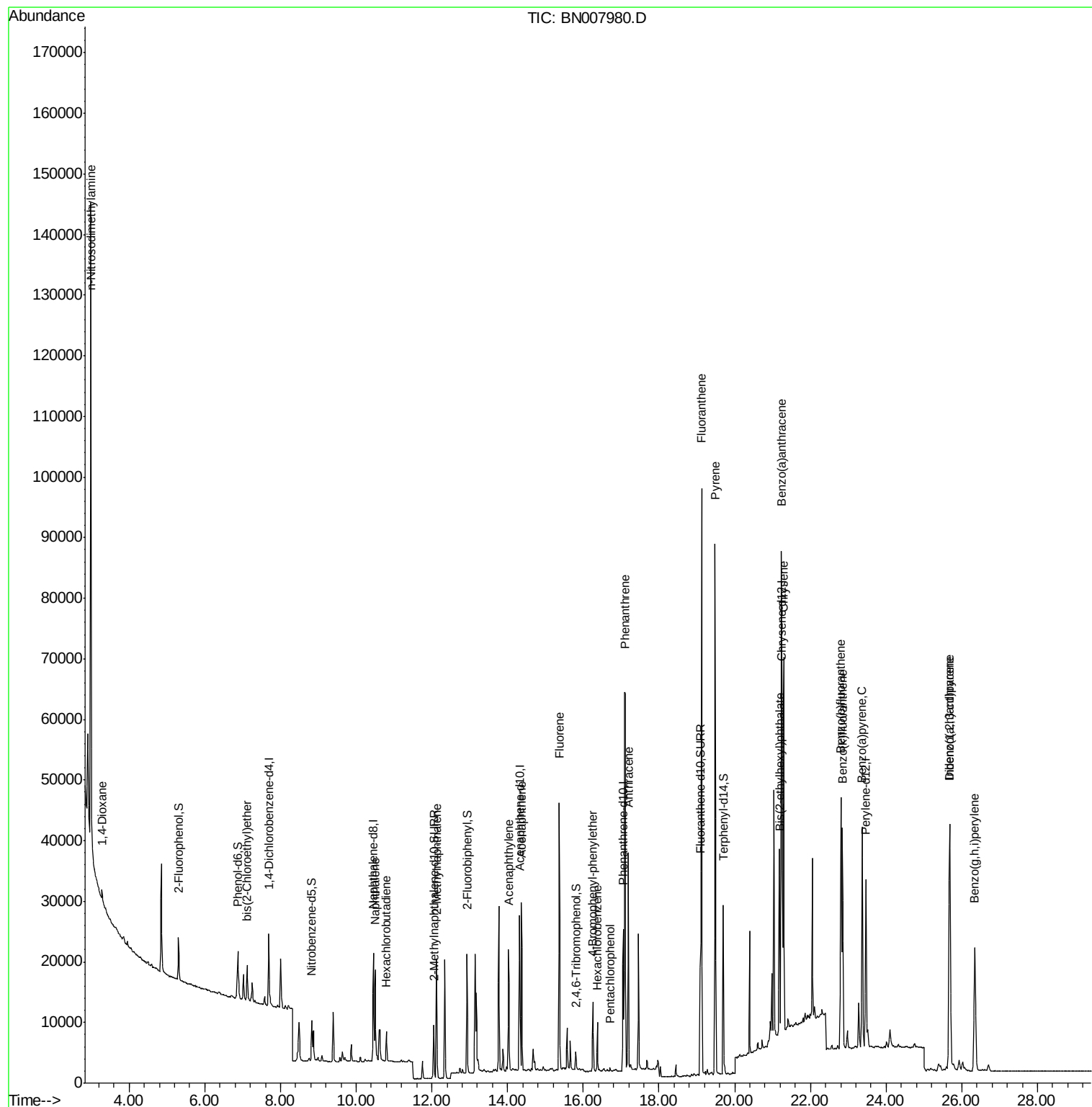
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	1490	0.241	ng	# 51
3) n-Nitrosodimethylamine	2.99	42	9244	3.270	ng	# 78
6) bis(2-Chloroethyl)ether	7.12	93	5592	0.357	ng	# 90
9) Naphthalene	10.51	128	20122	0.307	ng	99
10) Hexachlorobutadiene	10.80	225	3936	0.285	ng	# 100
12) 2-Methylnaphthalene	12.12	142	14016	0.317	ng	100
16) Acenaphthylene	14.02	152	22959	0.297	ng	100
17) Acenaphthene	14.37	154	14229	0.286	ng	98
18) Fluorene	15.36	166	19707	0.309	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	5844	0.312	ng	# 84
21) Hexachlorobenzene	16.38	284	6020	0.294	ng	98
22) Pentachlorophenol	16.72	266	257	0.034	ng	90
23) Phenanthrene	17.10	178	72462	0.753	ng	100
24) Anthracene	17.19	178	36518	0.420	ng	98
26) Fluoranthene	19.12	202	86960	0.726	ng	100
28) Pyrene	19.49	202	77194	0.676	ng	98
30) Benzo(a)anthracene	21.24	228	60426	0.490	ng	98
31) Chrysene	21.29	228	55655	0.463	ng	97
32) Bis(2-ethylhexyl)phthalate	21.19	149	22327	0.352	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	49405	0.328	ng	98
35) Benzo(b)fluoranthene	22.81	252	55981	0.453	ng	# 96
36) Benzo(k)fluoranthene	22.85	252	46483	0.381	ng	97
37) Benzo(a)pyrene	23.37	252	50193	0.432	ng	# 96
38) Dibenzo(a,h)anthracene	25.69	278	36033	0.303	ng	96
39) Benzo(g,h,i)perylene	26.34	276	42035	0.358	ng	98

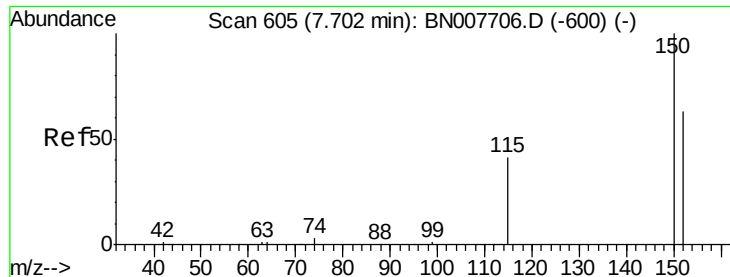
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007980.D
Acq On : 02 Oct 2019 23:53
Operator : JU
Sample : K5077-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 03 06:49:06 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



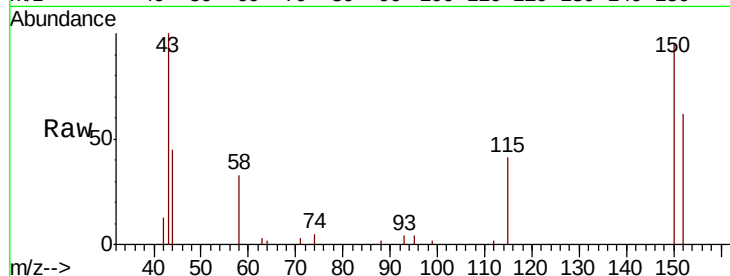


#1

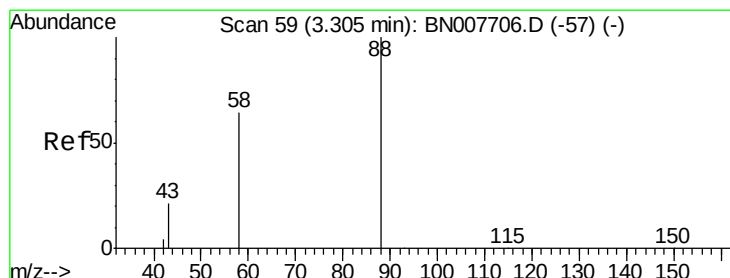
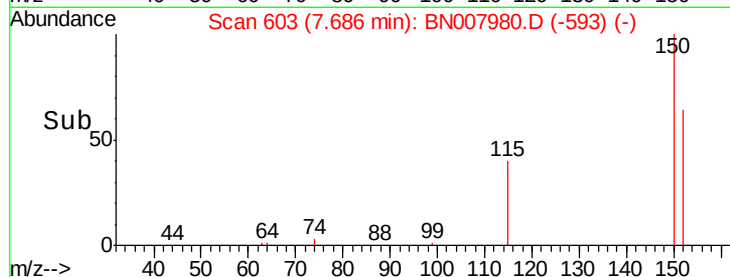
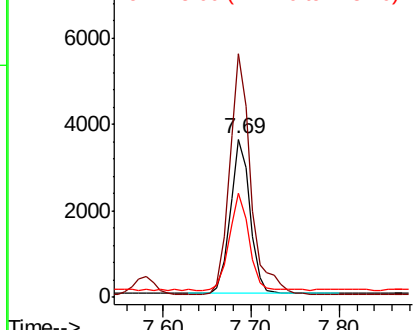
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007980.D
Acq: 02 Oct 2019 23:53

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5538
Ion Ratio Lower Upper
152 100
150 153.8 125.6 188.4
115 65.9 53.3 79.9



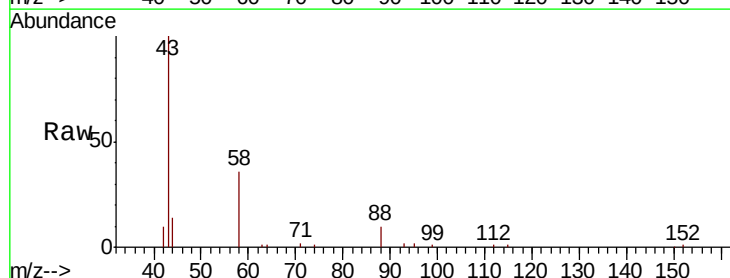
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



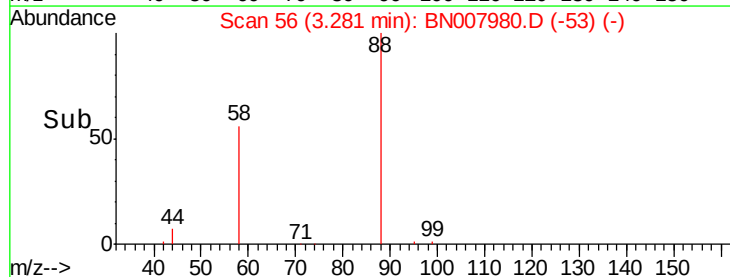
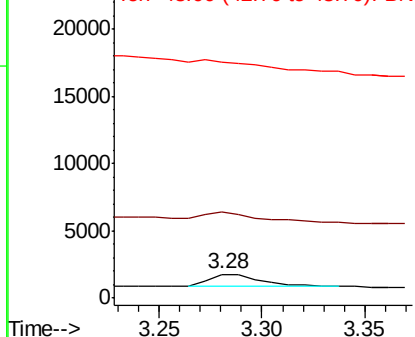
#2

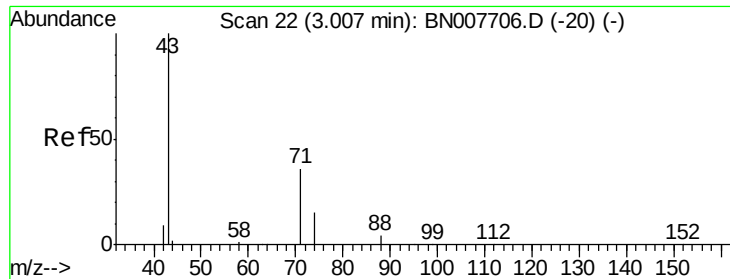
1,4-Dioxane
Concen: 0.241 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN007980.D
Acq: 02 Oct 2019 23:53

Tgt Ion: 88 Resp: 1490
Ion Ratio Lower Upper
88 100
58 93.8 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: 3.270 ng

RT: 2.99 min Scan# 20

Delta R.T. -0.02 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

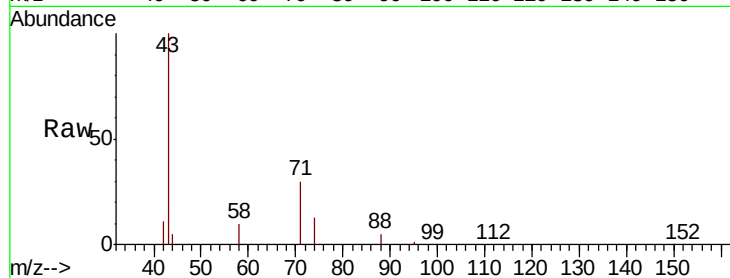
Tot Ion: 42 Resp: 9244

Ion Ratio Lower Upper

42 100

74 136.6 87.9 131.9#

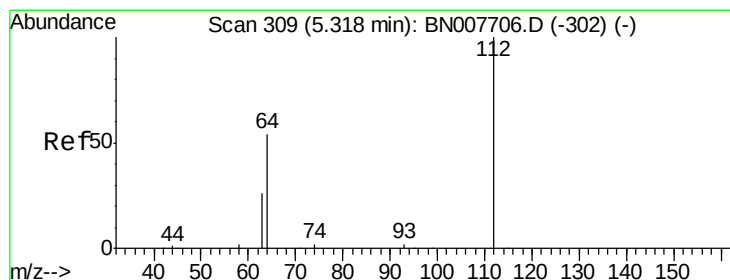
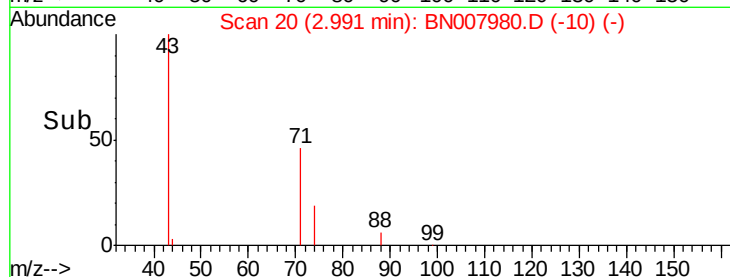
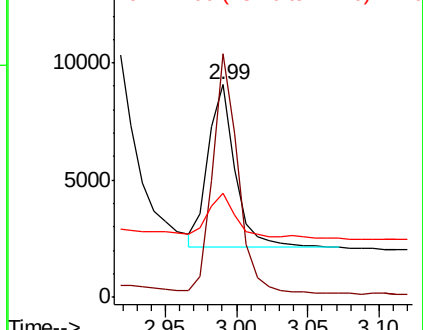
44 28.6 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.291 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

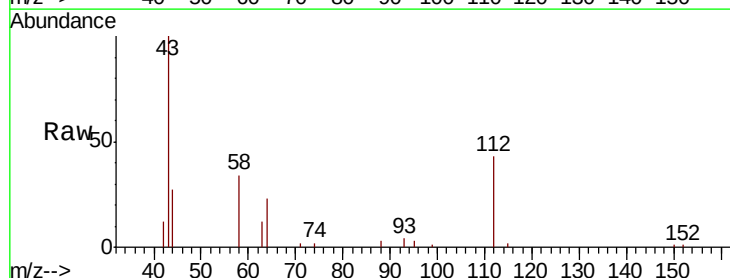
Tgt Ion: 112 Resp: 5549

Ion Ratio Lower Upper

112 100

64 58.5 46.6 70.0

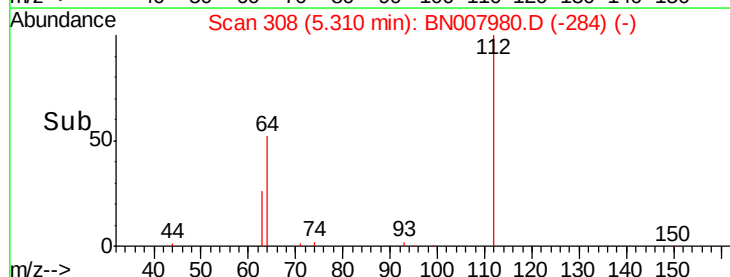
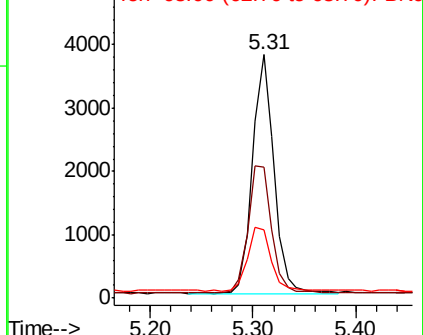
63 28.6 23.1 34.7

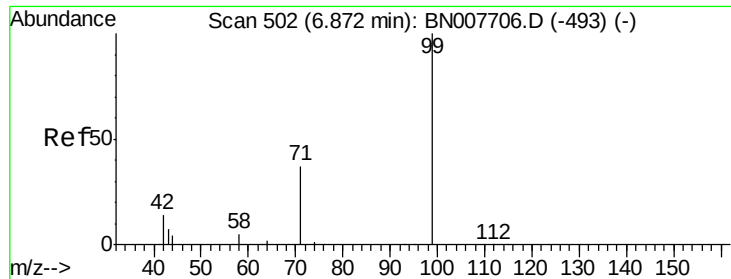


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.339 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

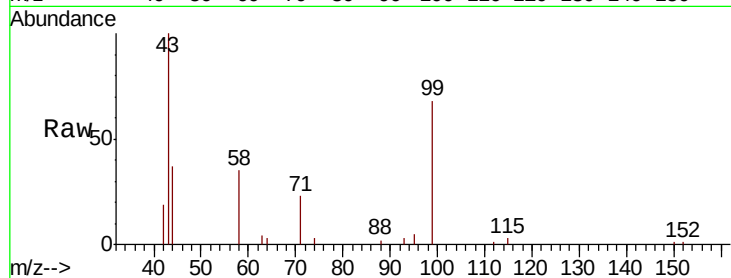
Tot Ion: 99 Resp: 8084

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

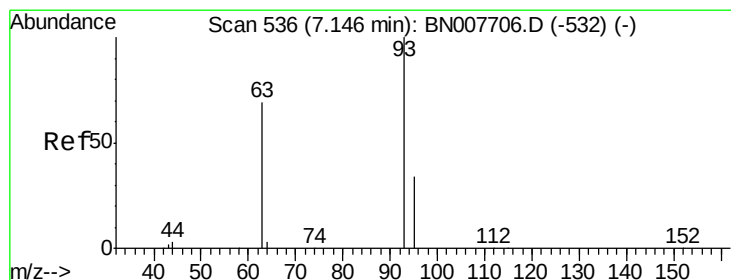
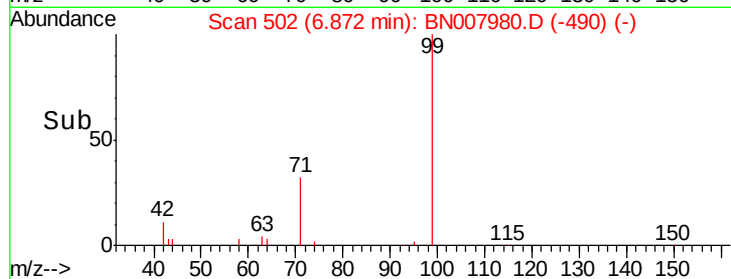
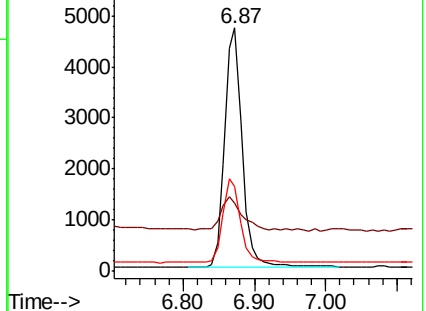
71 34.4 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.357 ng

RT: 7.12 min Scan# 533

Delta R.T. -0.02 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

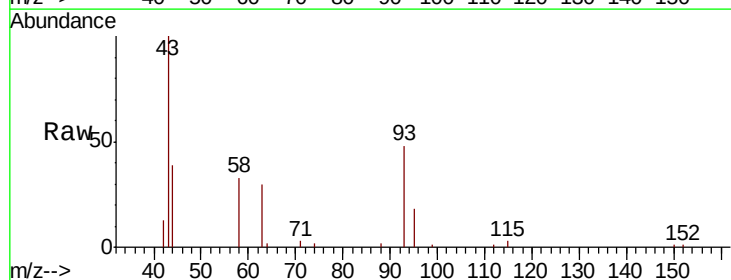
Tgt Ion: 93 Resp: 5592

Ion Ratio Lower Upper

93 100

63 66.9 59.3 88.9

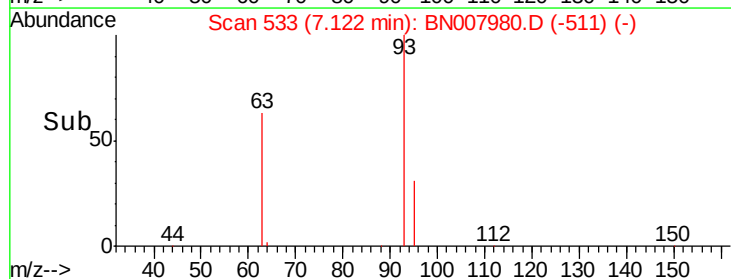
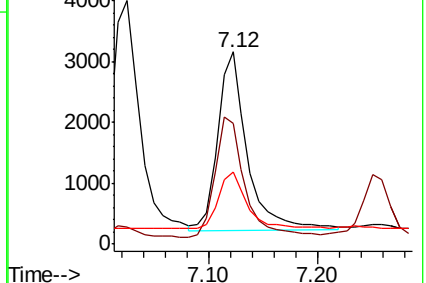
95 31.2 31.4 47.0#

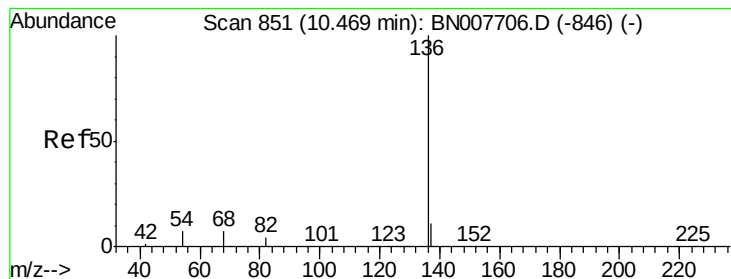


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 23344

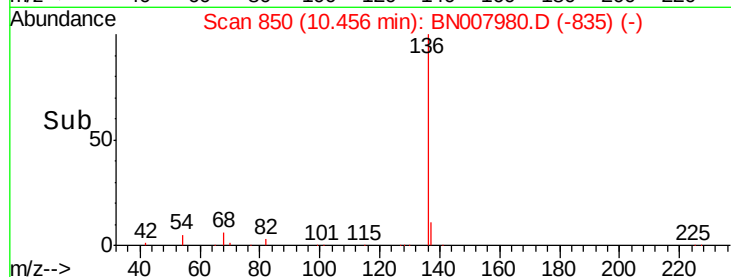
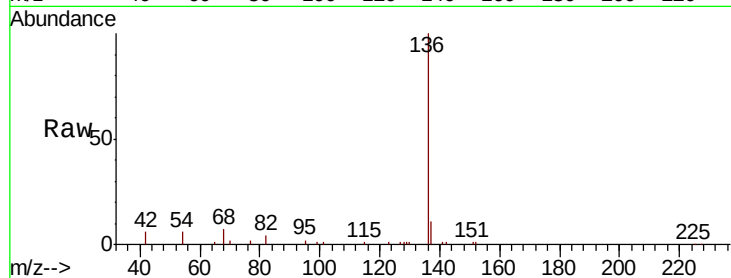
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 5.9 5.8 8.8

68 7.0 6.5 9.7

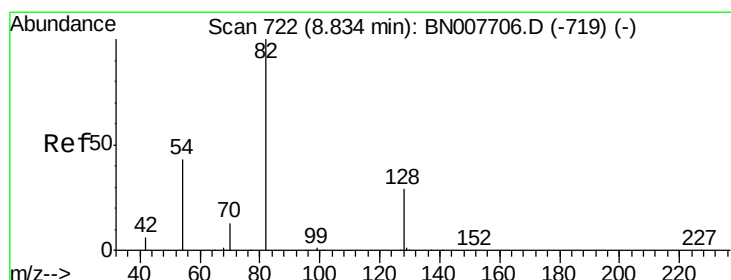
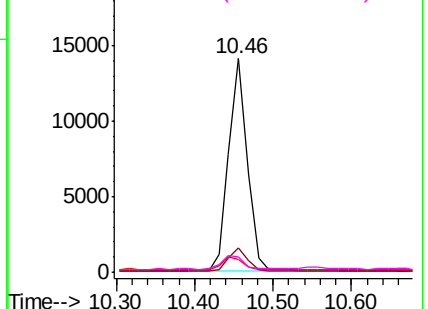


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.294 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

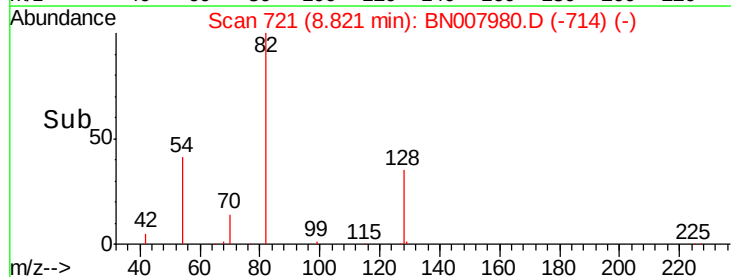
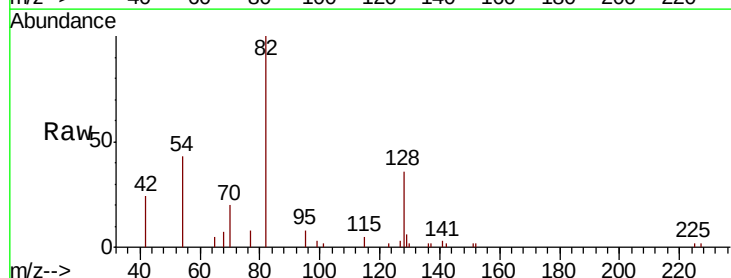
Tgt Ion: 82 Resp: 6013

Ion Ratio Lower Upper

82 100

128 36.0 24.5 36.7

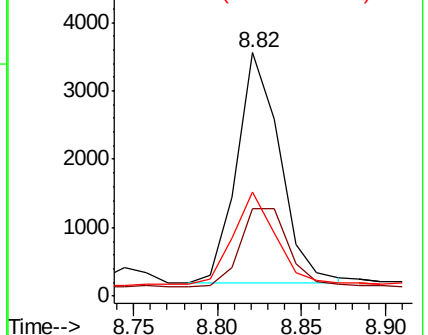
54 42.8 35.2 52.8

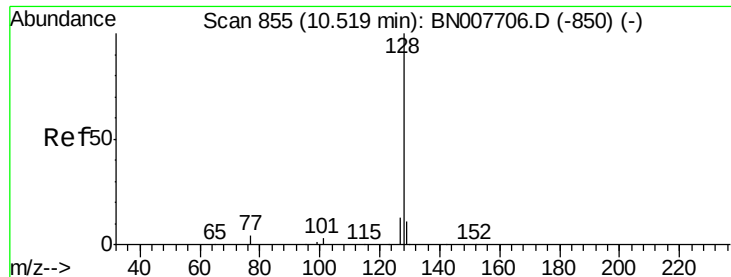


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.307 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

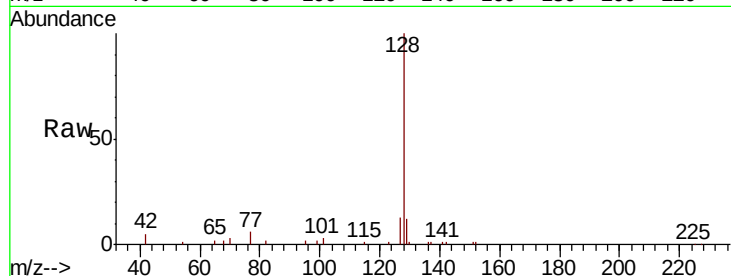
Tot Ion:128 Resp: 20122

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

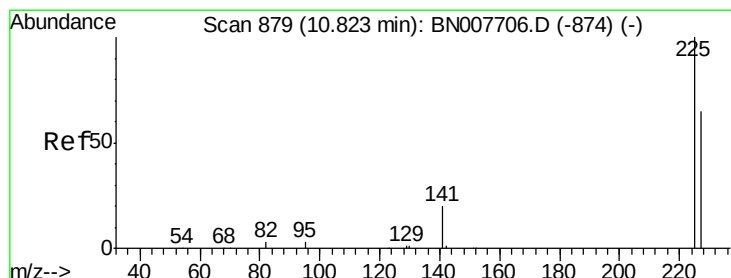
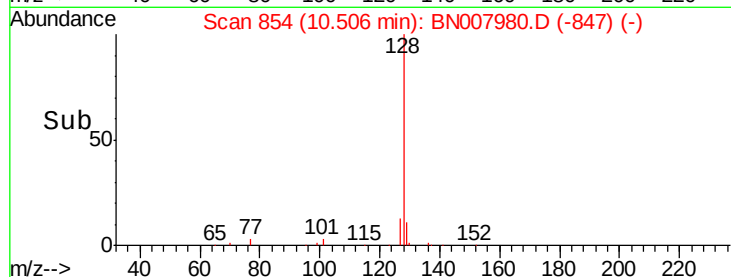
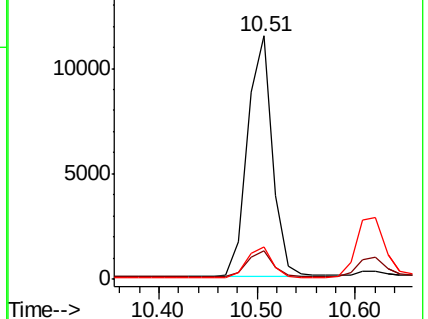
127 13.4 10.6 15.8



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: 0.285 ng

RT: 10.80 min Scan# 877

Delta R.T. -0.03 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

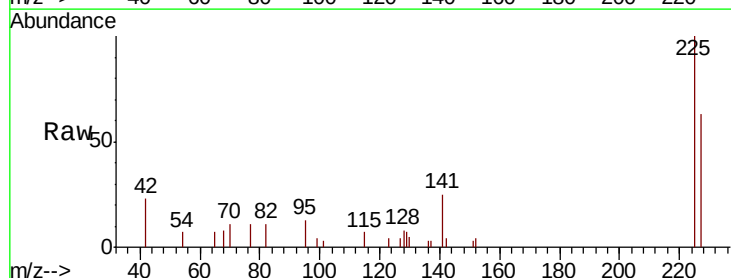
Tgt Ion:225 Resp: 3936

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

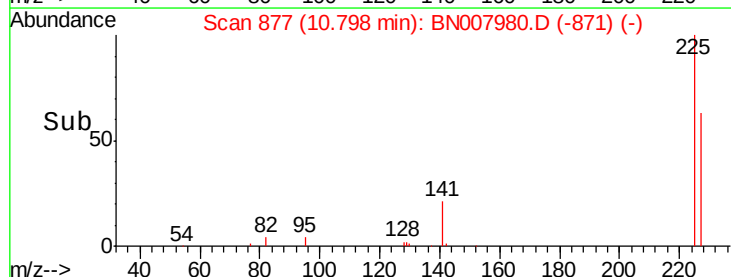
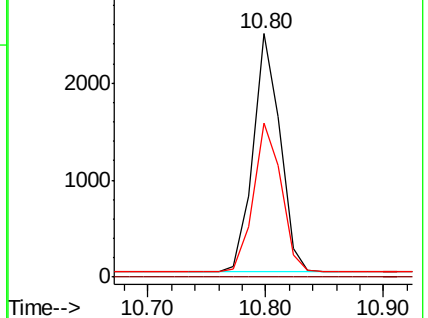
227 64.3 51.2 76.8

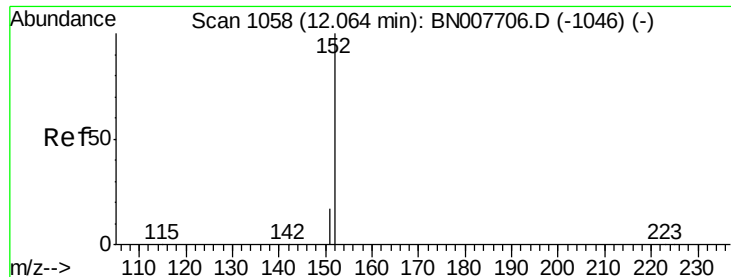


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

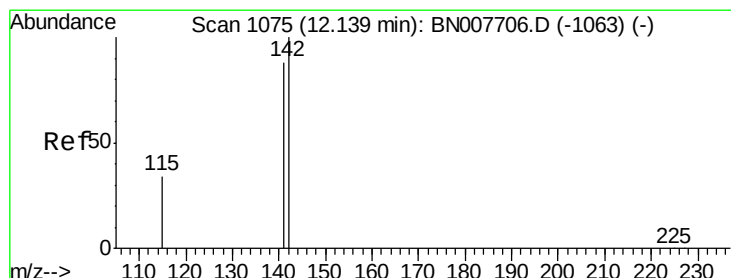
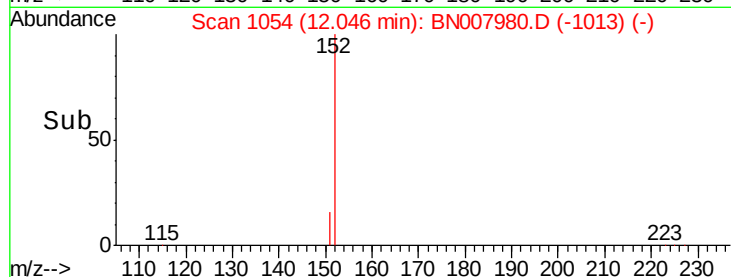
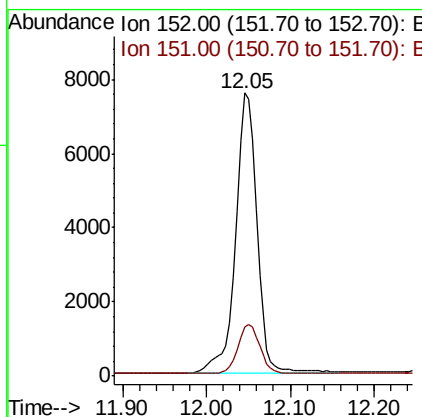
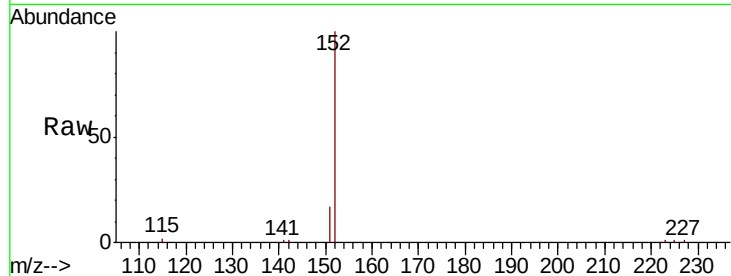




#11
 2-Methylnaphthalene-d10
 Concen: 0.334 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BN007980.D
 Acq: 02 Oct 2019 23:53

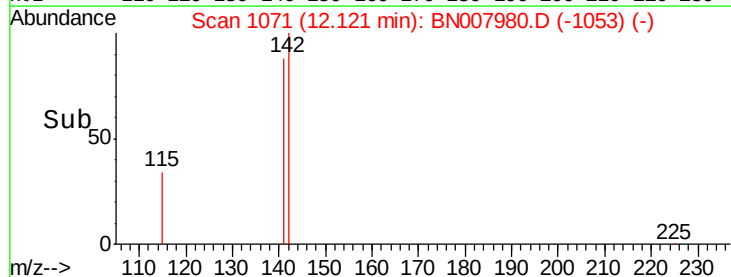
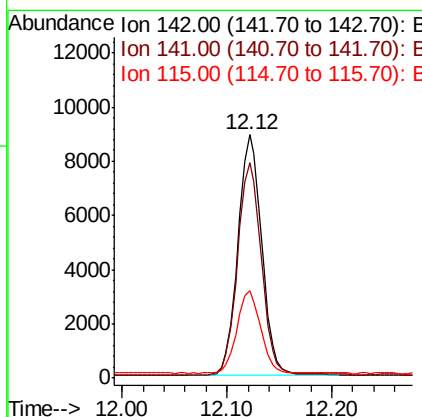
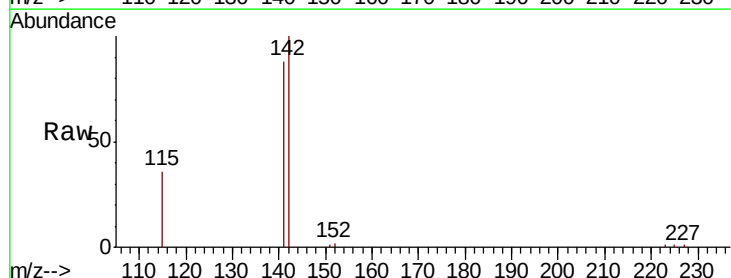
Instrument :
 BNA_N
 ClientSampleId :

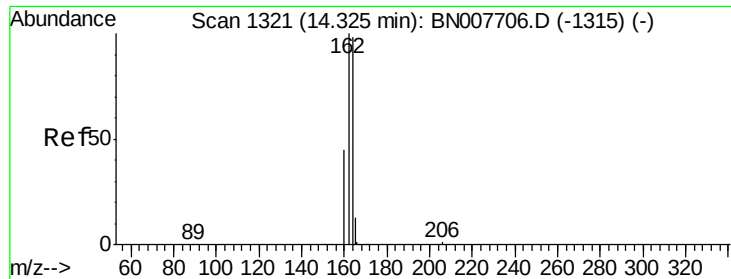
Tot Ion:152 Resp: 13131
 Ion Ratio Lower Upper
 152 100
 151 18.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.317 ng
 RT: 12.12 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BN007980.D
 Acq: 02 Oct 2019 23:53

Tgt Ion:142 Resp: 14016
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.6 106.0
 115 35.8 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

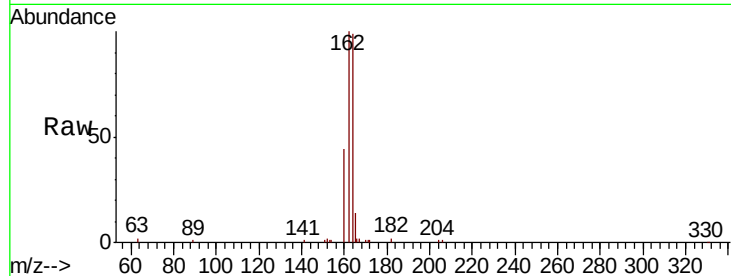
Tot Ion:164 Resp: 14569

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

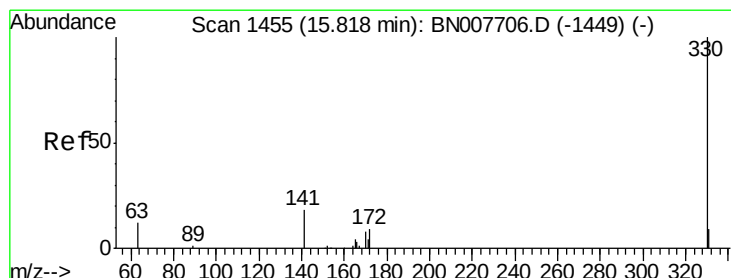
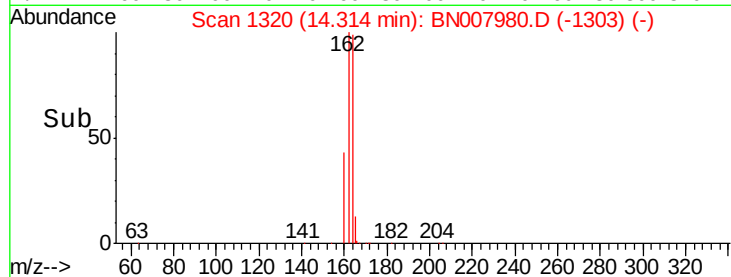
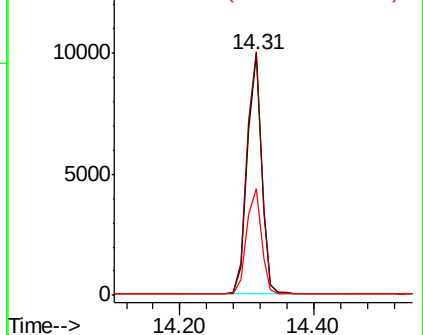
160 44.0 37.0 55.4



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: 0.245 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

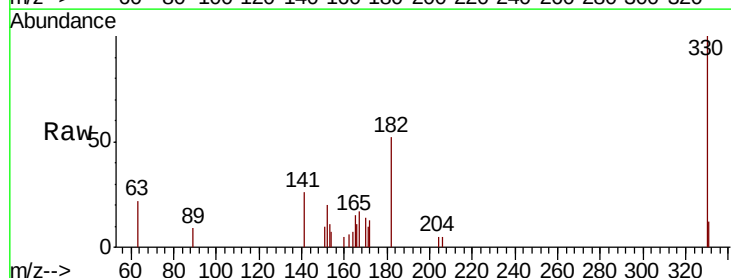
Tgt Ion:330 Resp: 1946

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

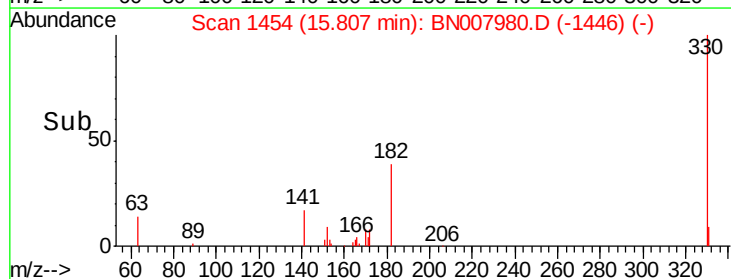
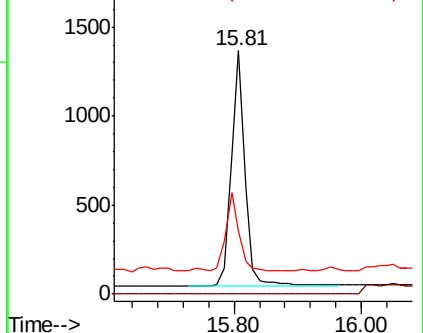
141 32.4 28.7 43.1

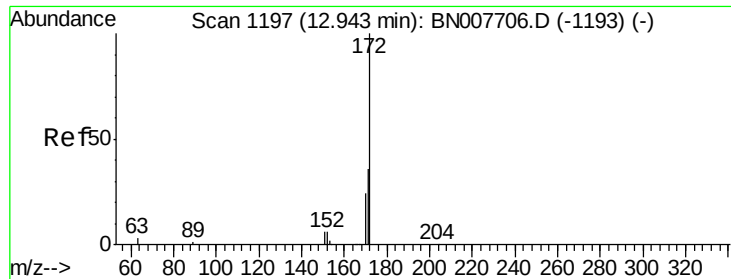


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

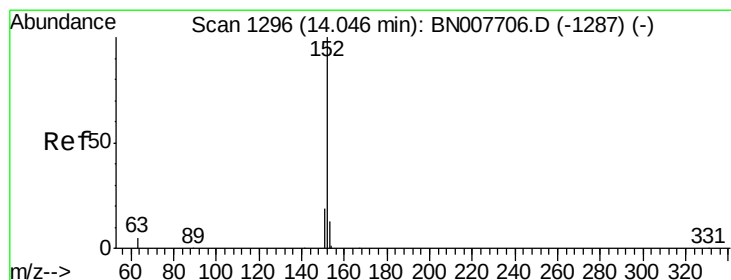
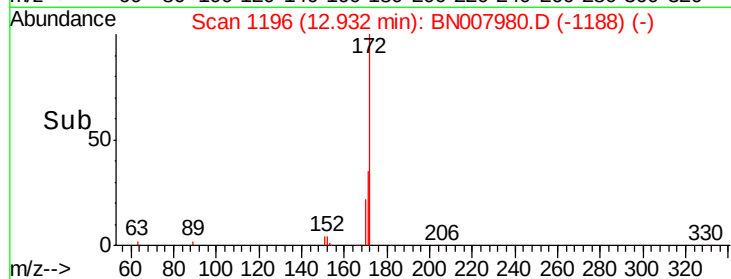
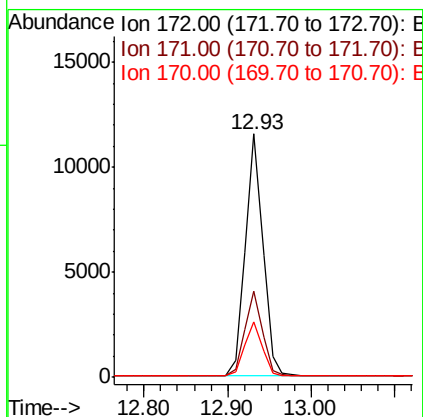
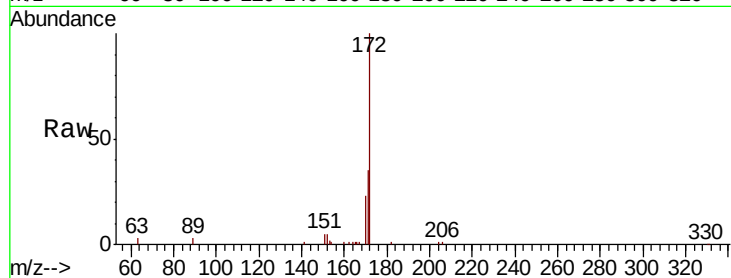




#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007980.D
Acq: 02 Oct 2019 23:53

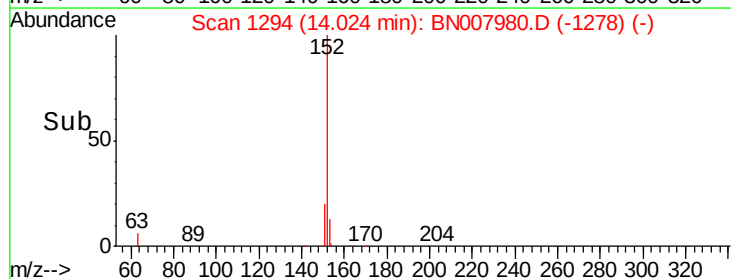
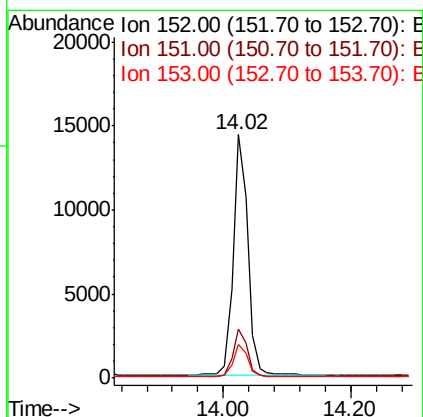
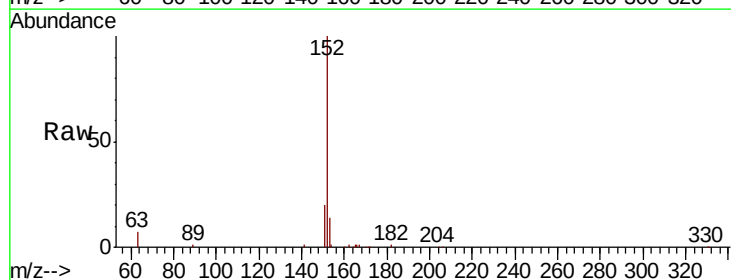
Instrument :
BNA_N
ClientSampleId :

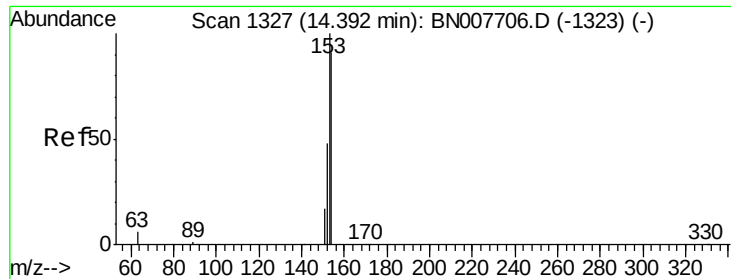
Tot Ion:172 Resp: 16882
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.7 19.5 29.3



#16
Acenaphthylene
Concen: 0.297 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007980.D
Acq: 02 Oct 2019 23:53

Tgt Ion:152 Resp: 22959
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.8 10.4 15.6





#17

Acenaphthene

Concen: 0.286 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampled :

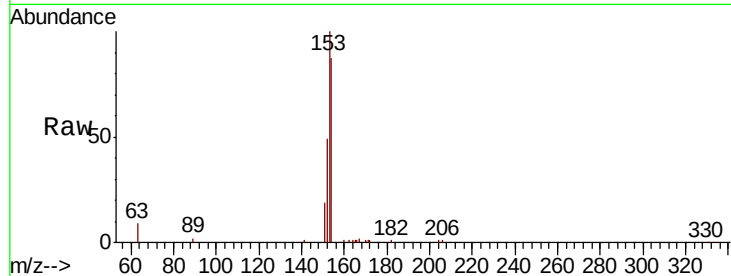
Tot Ion:154 Resp: 14229

Ion Ratio Lower Upper

154 100

153 112.1 87.0 130.4

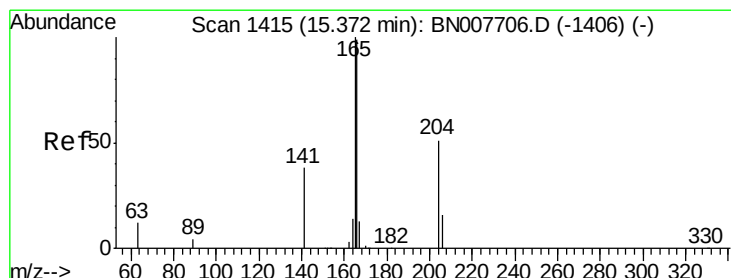
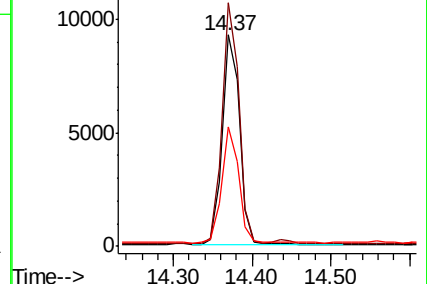
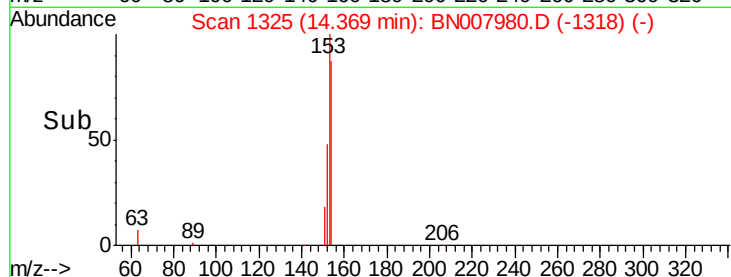
152 53.8 42.7 64.1



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: 0.309 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

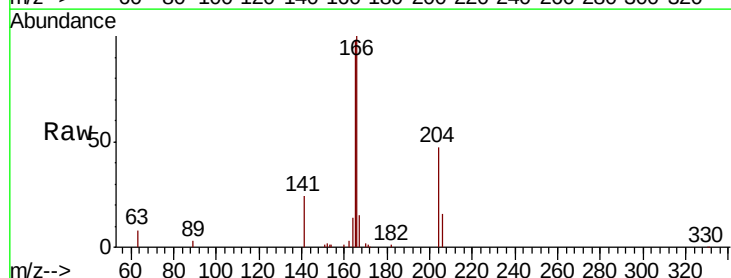
Tgt Ion:166 Resp: 19707

Ion Ratio Lower Upper

166 100

165 97.5 78.0 117.0

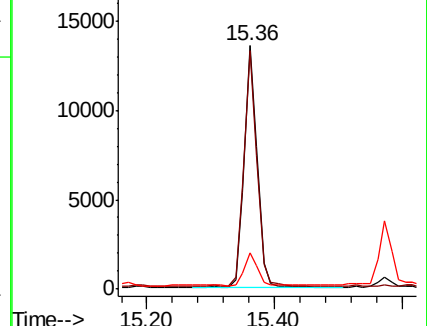
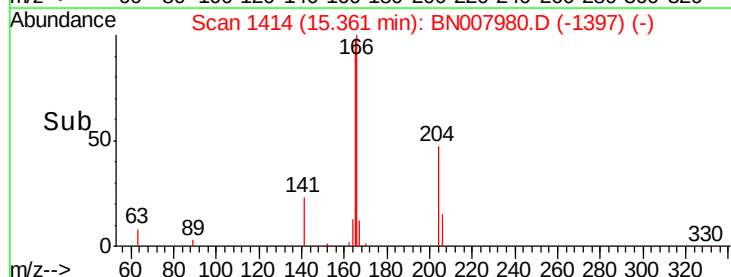
167 13.5 10.9 16.3

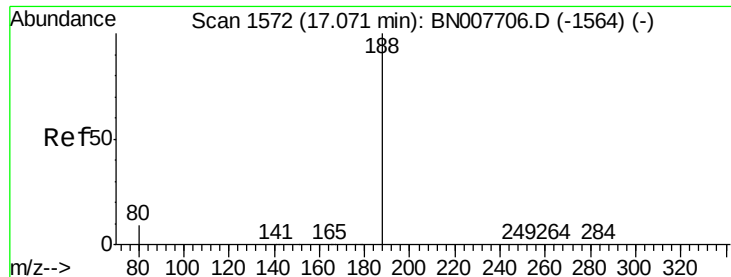


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

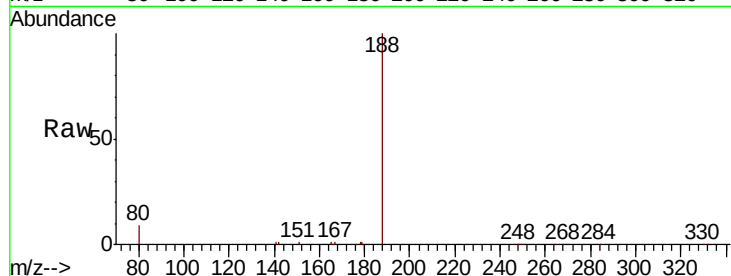
Tot Ion:188 Resp: 30904

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

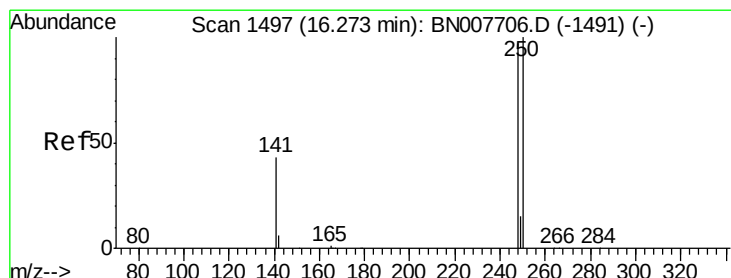
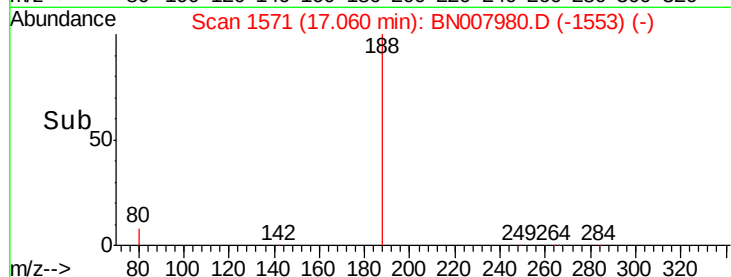
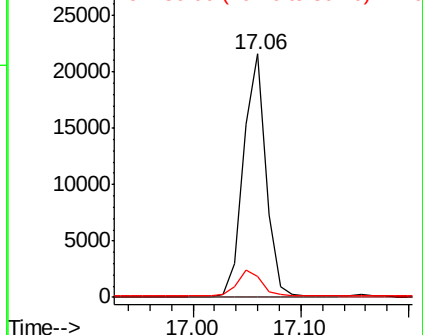
80 8.5 7.4 11.2



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: 0.312 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

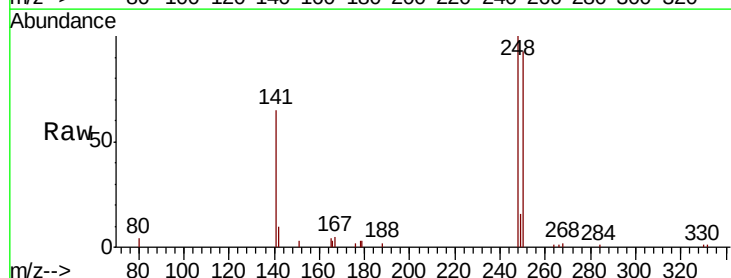
Tgt Ion:248 Resp: 5844

Ion Ratio Lower Upper

248 100

250 92.9 82.2 123.4

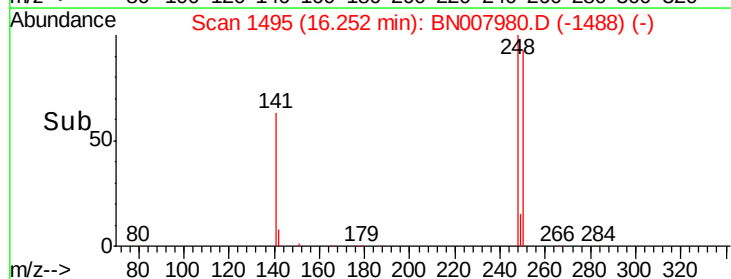
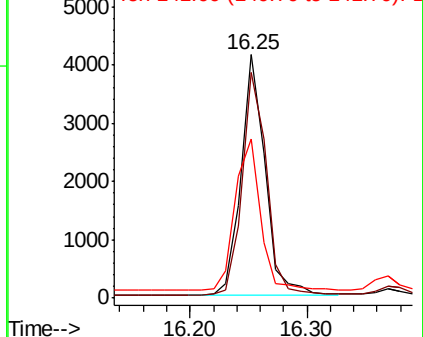
141 65.4 36.3 54.5#

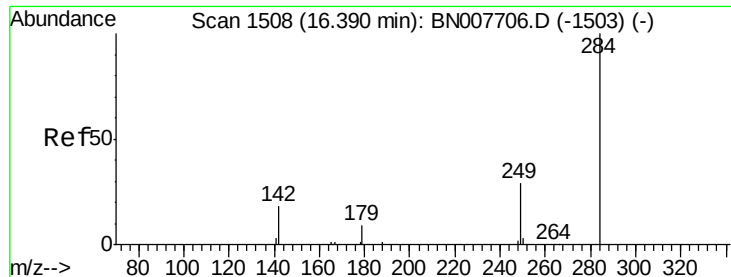


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

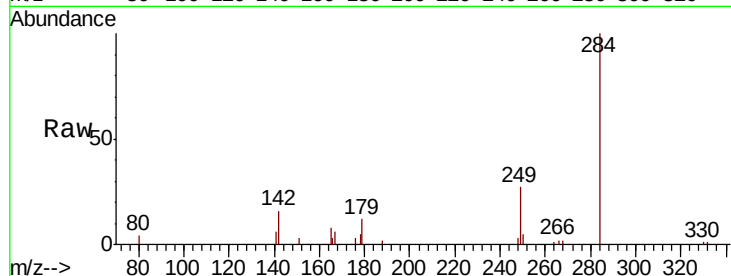




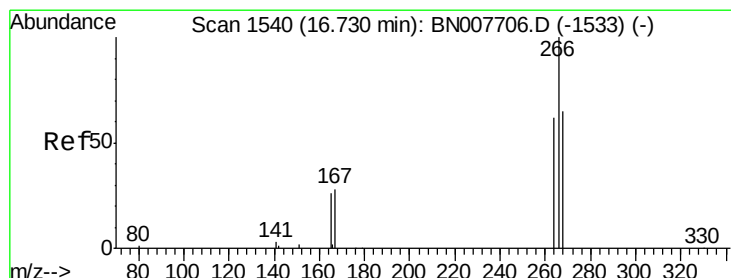
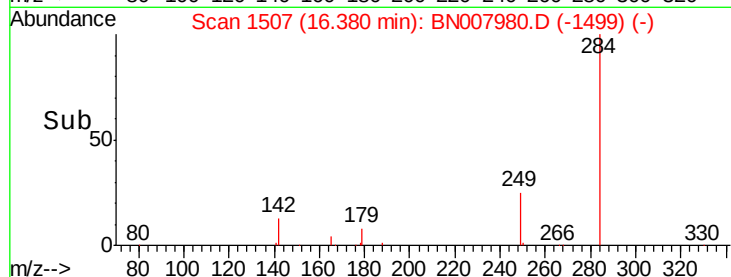
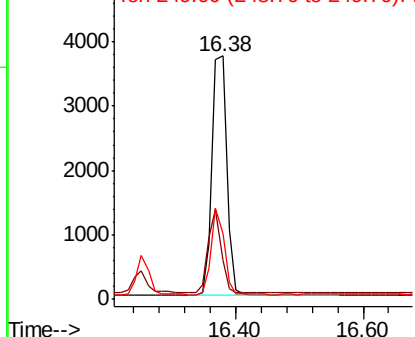
#21
Hexachlorobenzene
Concen: 0.294 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007980.D
Acq: 02 Oct 2019 23:53

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 6020
Ion Ratio Lower Upper
284 100
142 30.7 25.8 38.6
249 31.4 25.9 38.9

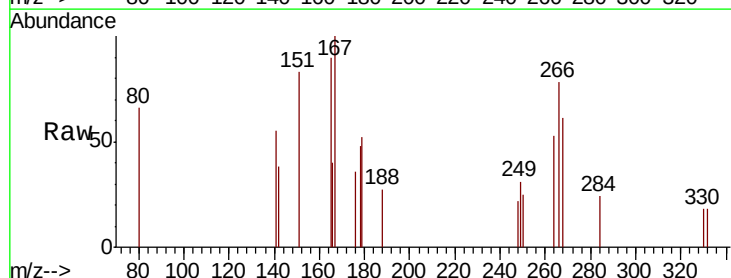


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

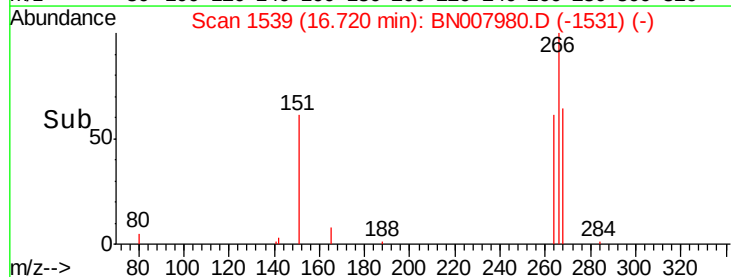
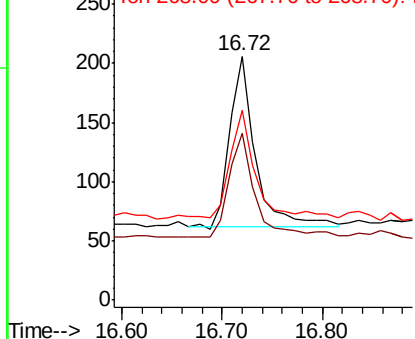


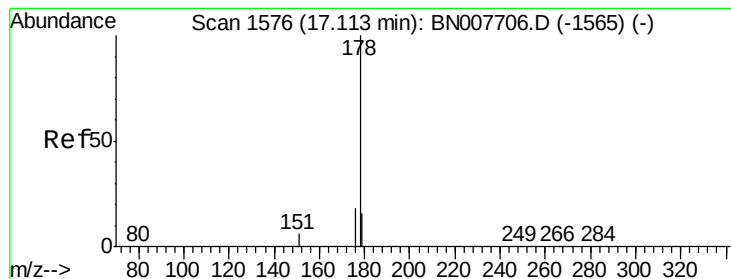
#22
Pentachlorophenol
Concen: 0.034 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007980.D
Acq: 02 Oct 2019 23:53

Tgt Ion:266 Resp: 257
Ion Ratio Lower Upper
266 100
264 68.4 50.0 75.0
268 78.2 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: 0.753 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampled :

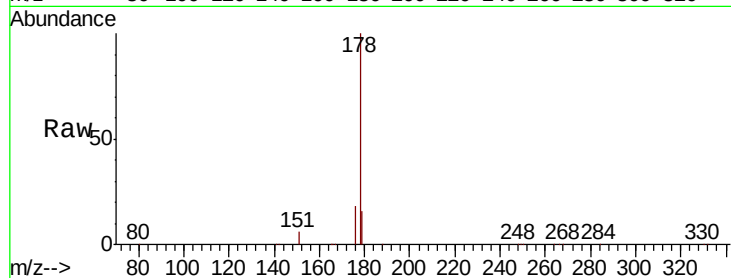
Tot Ion:178 Resp: 72462

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

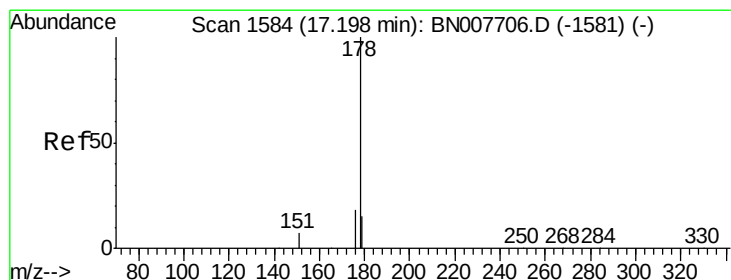
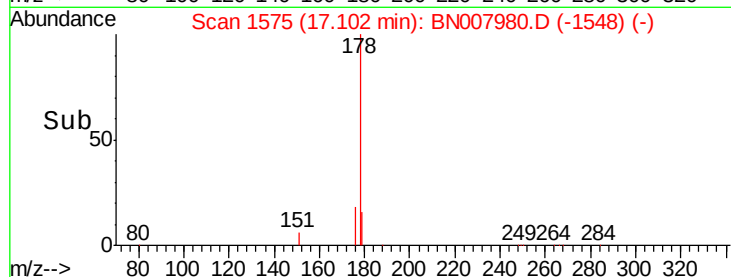
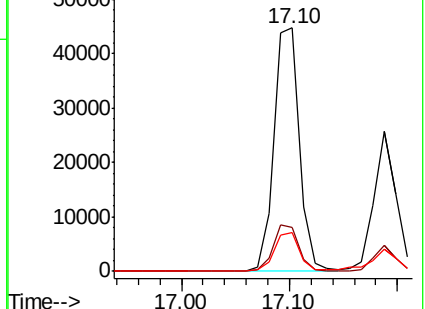
179 15.4 12.5 18.7



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: 0.420 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

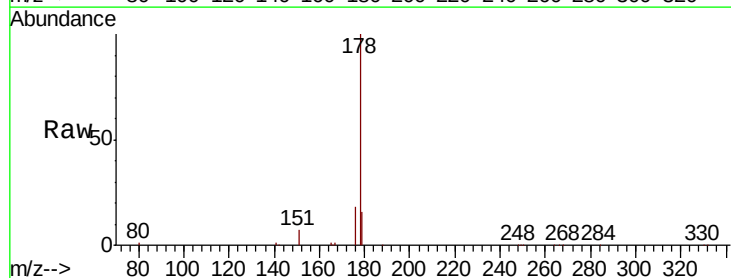
Tgt Ion:178 Resp: 36518

Ion Ratio Lower Upper

178 100

176 17.6 14.6 21.8

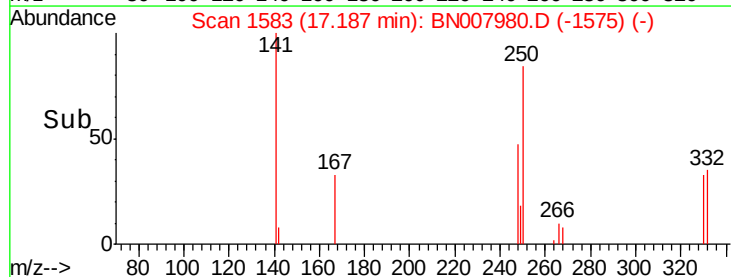
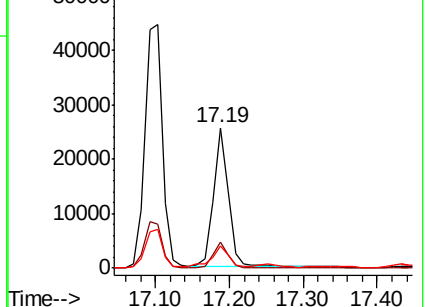
179 16.2 12.2 18.4

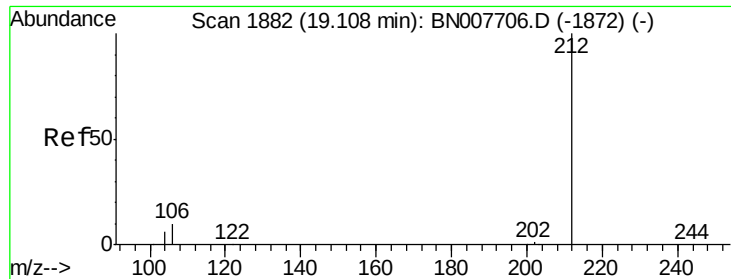


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.310 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

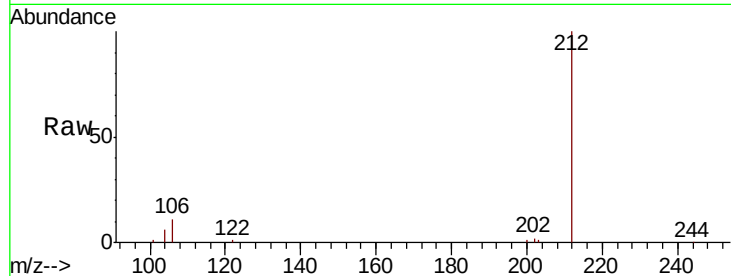
Tot Ion:212 Resp: 32320

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.0

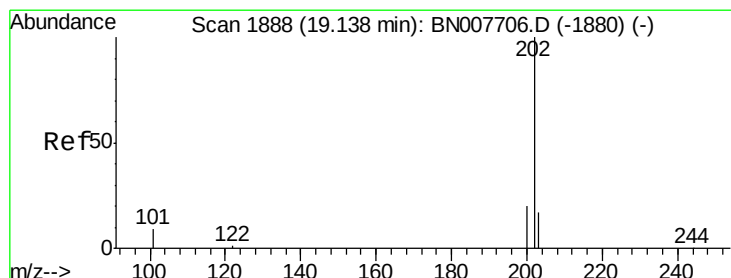
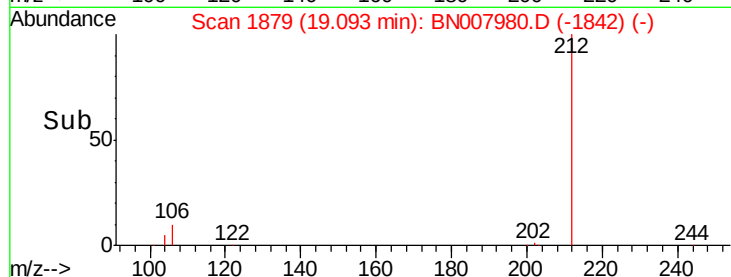
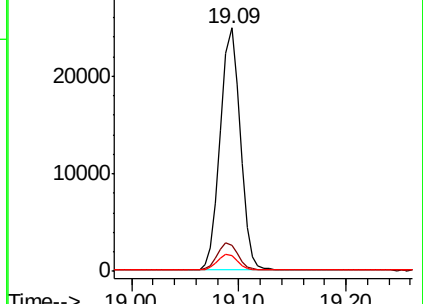
104 6.4 5.3 7.9



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: 0.726 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

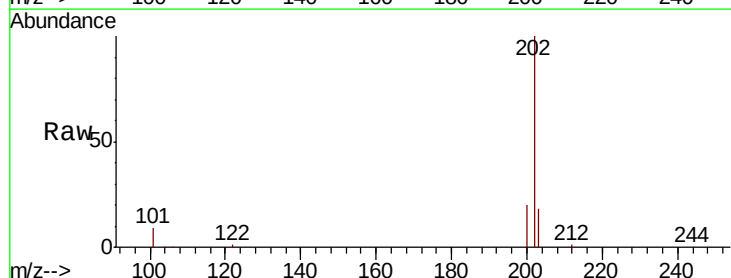
Tgt Ion:202 Resp: 86960

Ion Ratio Lower Upper

202 100

101 10.3 8.4 12.6

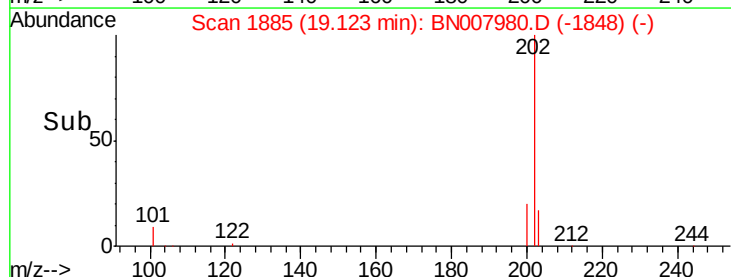
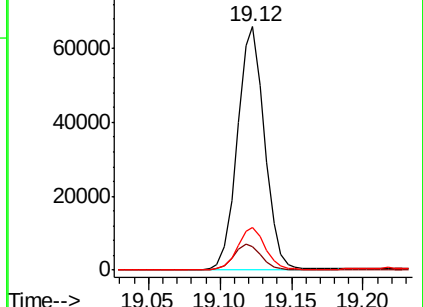
203 17.4 13.8 20.8

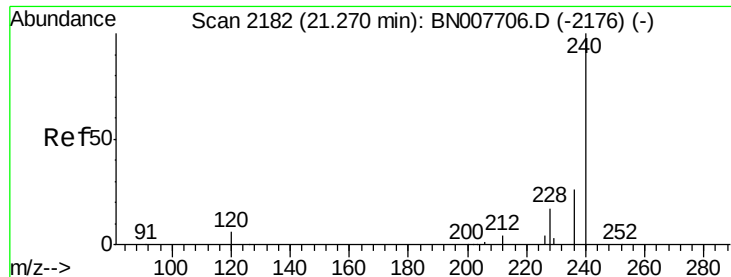


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

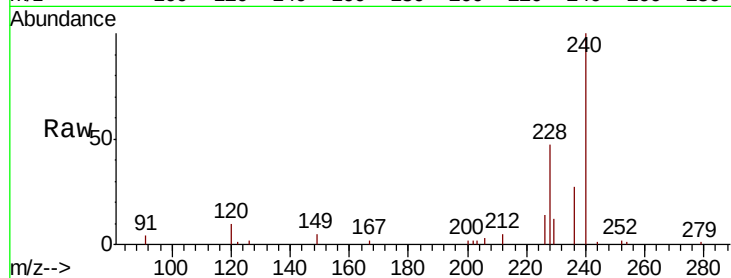
Tot Ion:240 Resp: 33498

Ion Ratio Lower Upper

240 100

120 10.0 5.4 8.2#

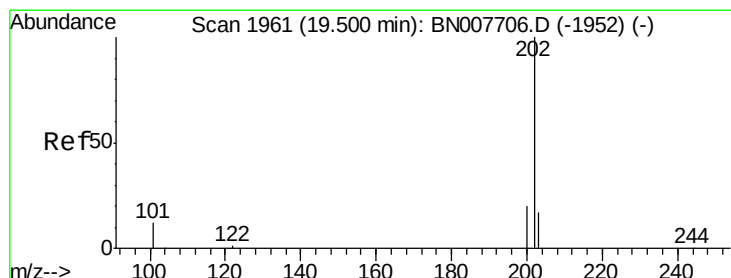
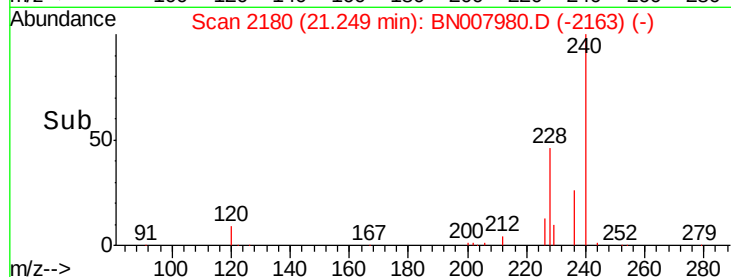
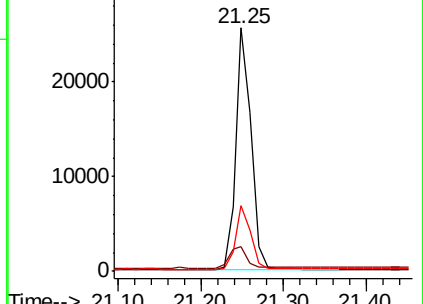
236 27.1 21.0 31.4



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: 0.676 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

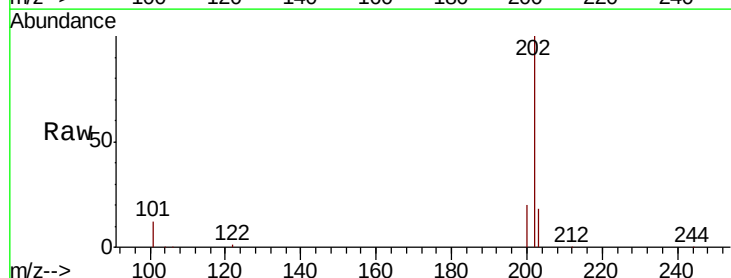
Tgt Ion:202 Resp: 77194

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

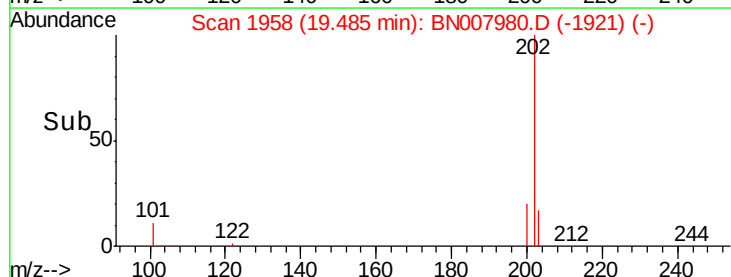
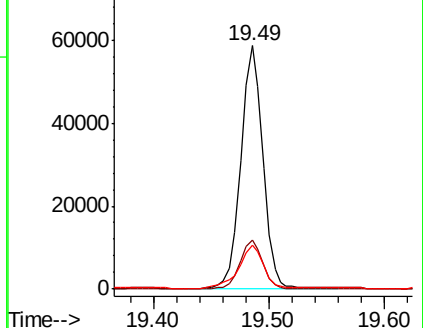
203 19.8 14.1 21.1

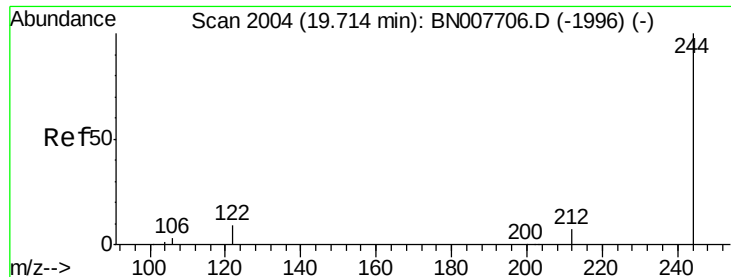


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.353 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

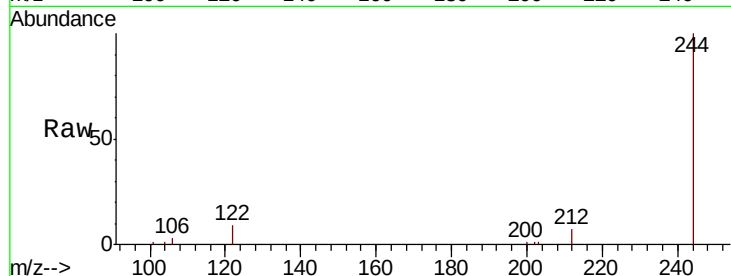
Tot Ion:244 Resp: 29066

Ion Ratio Lower Upper

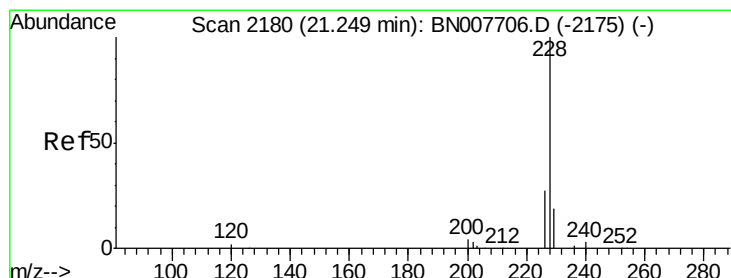
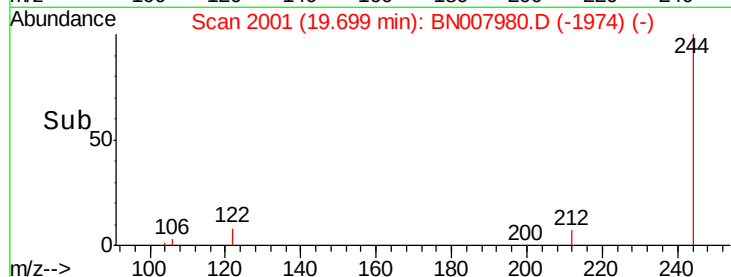
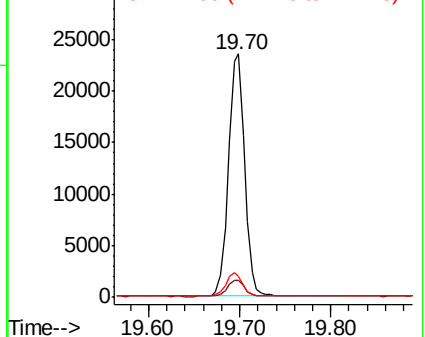
244 100

212 7.0 5.9 8.9

122 8.5 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: 0.490 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

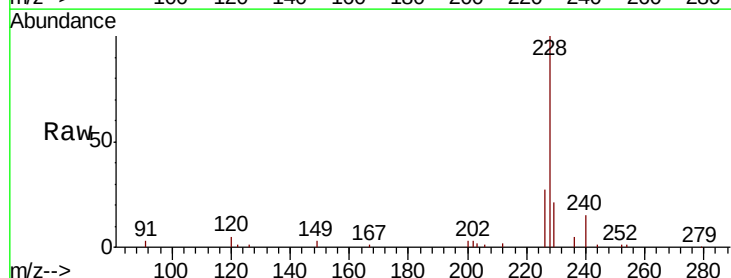
Tgt Ion:228 Resp: 60426

Ion Ratio Lower Upper

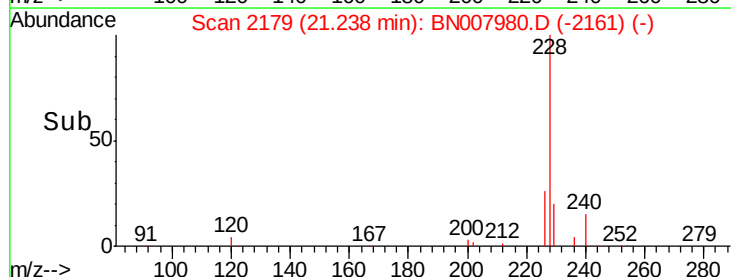
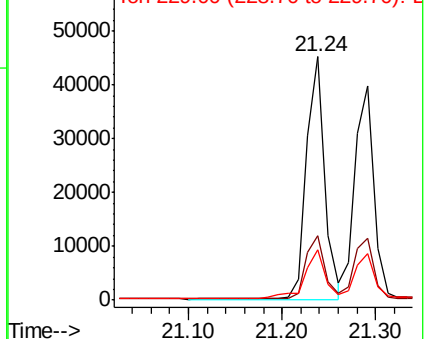
228 100

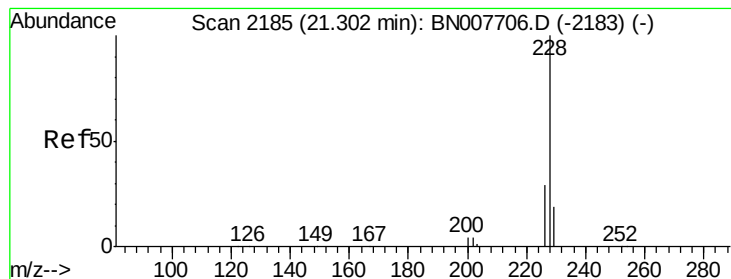
226 26.6 22.1 33.1

229 20.8 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: 0.463 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

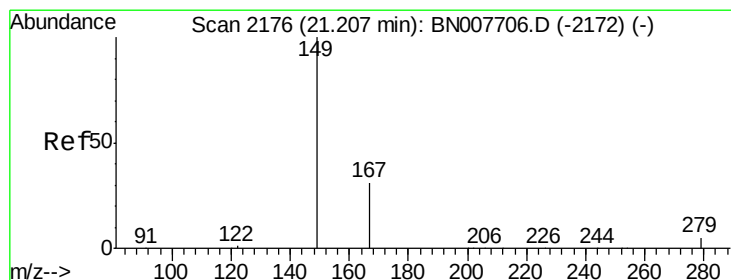
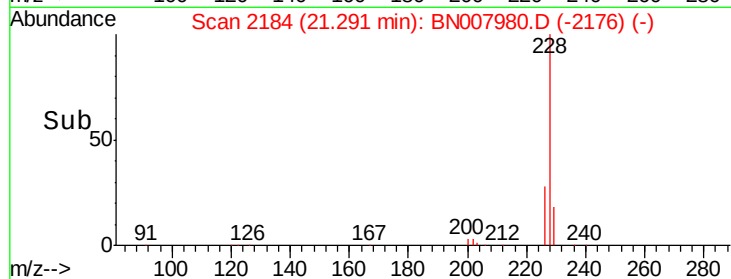
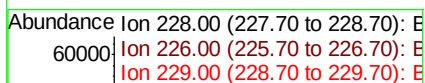
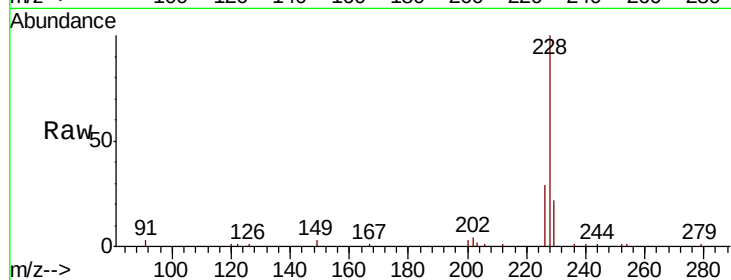
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 55655

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	21.6	15.8	23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.352 ng

RT: 21.19 min Scan# 2174

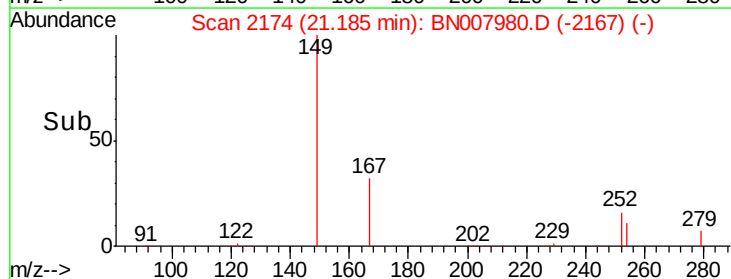
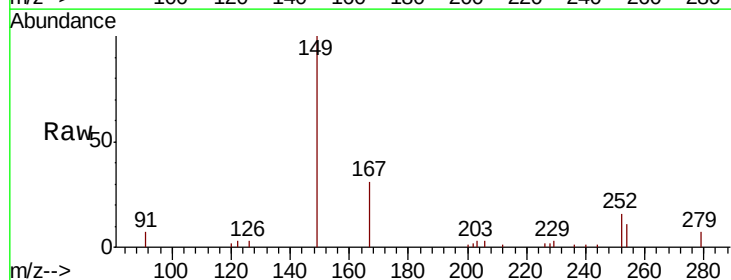
Delta R.T. -0.02 min

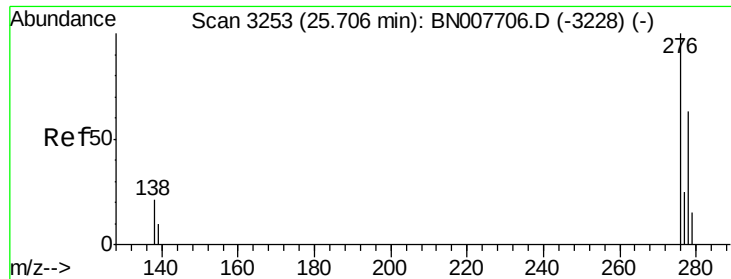
Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Tgt Ion:149 Resp: 22327

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.7	35.5
279	5.5	4.2	6.2

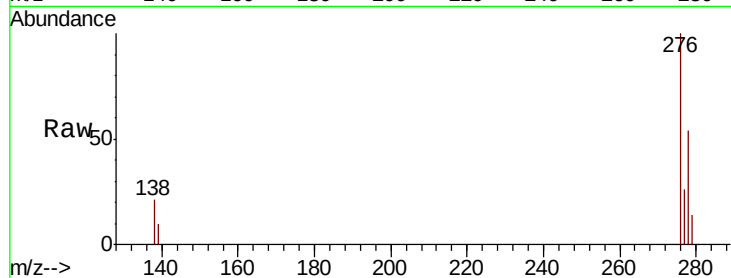




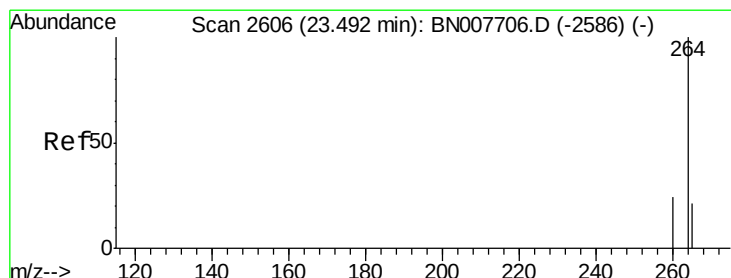
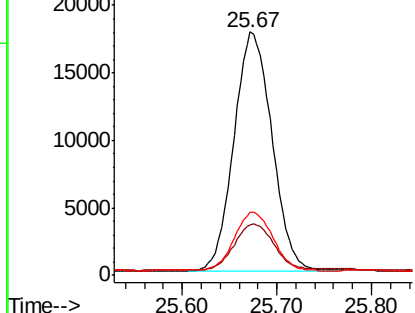
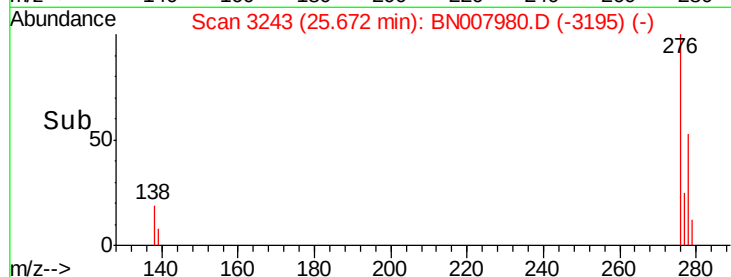
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.328 ng
 RT: 25.67 min Scan# 3243
 Delta R.T. -0.03 min
 Lab File: BN007980.D
 Acq: 02 Oct 2019 23:53

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 49405
 Ion Ratio Lower Upper
 276 100
 138 20.0 17.1 25.7
 277 24.8 20.0 30.0

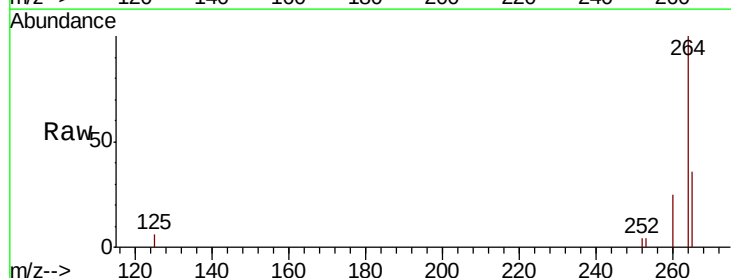


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

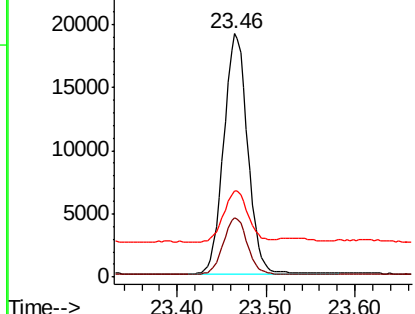
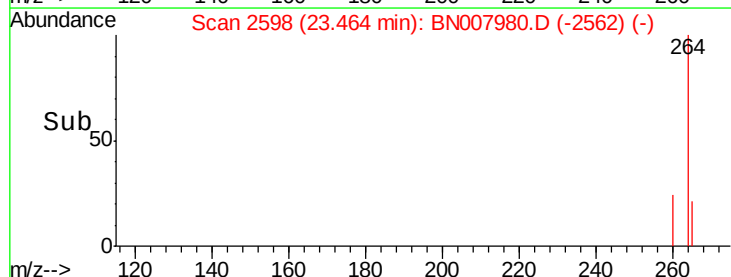


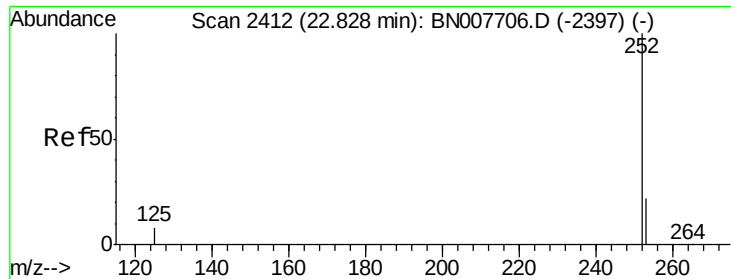
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2598
 Delta R.T. -0.03 min
 Lab File: BN007980.D
 Acq: 02 Oct 2019 23:53

Tgt Ion:264 Resp: 35581
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 35.6 26.9 40.3



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

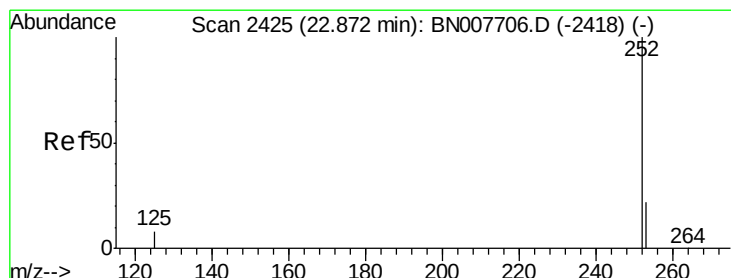
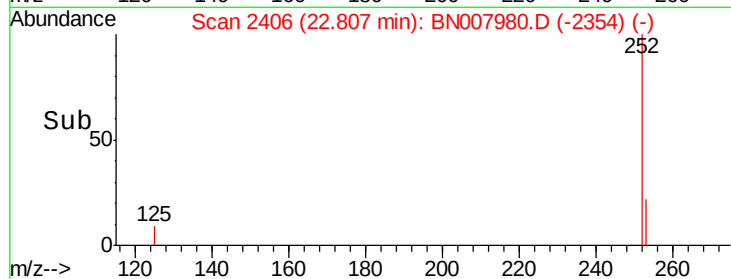
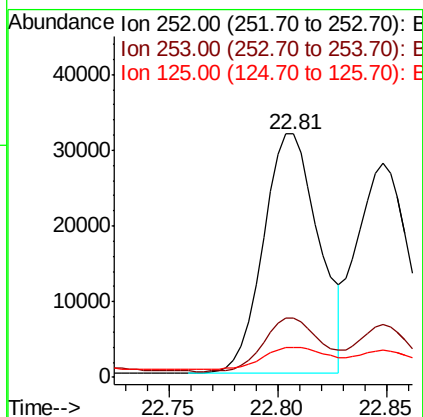
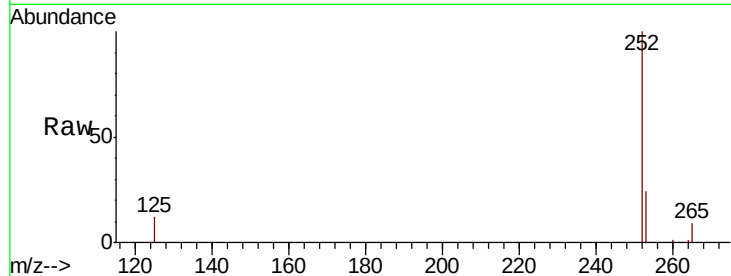




#35
Benzo(b)fluoranthene
Concen: 0.453 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN007980.D
Acq: 02 Oct 2019 23:53

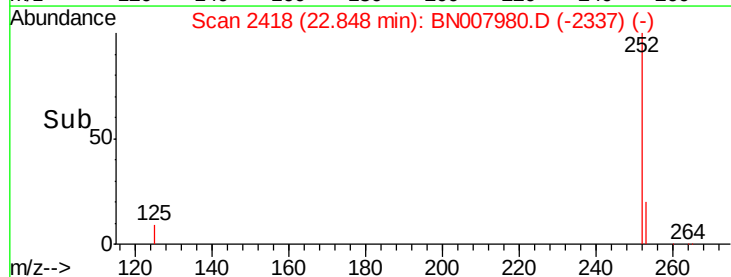
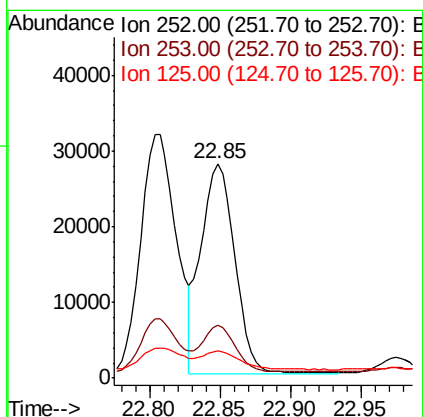
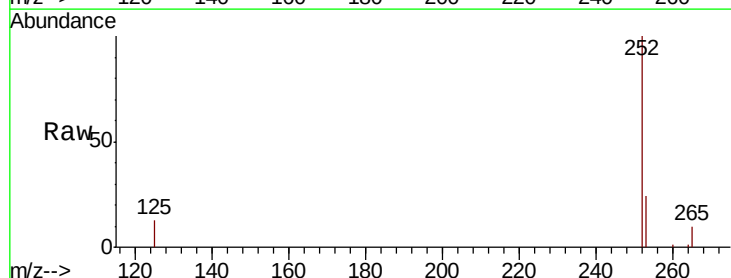
Instrument :
BNA_N
ClientSampleId :

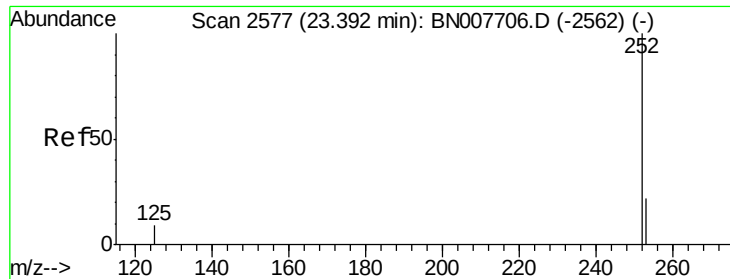
Tot Ion:252 Resp: 55981
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 12.5 8.2 12.4#



#36
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 22.85 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN007980.D
Acq: 02 Oct 2019 23:53

Tgt Ion:252 Resp: 46483
Ion Ratio Lower Upper
252 100
253 24.4 18.5 27.7
125 12.5 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.432 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :

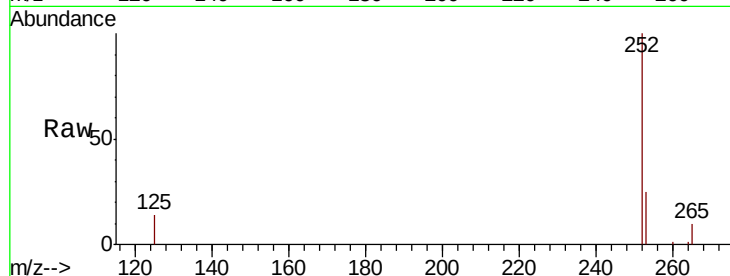
Tot Ion:252 Resp: 50193

Ion Ratio Lower Upper

252 100

253 24.7 18.6 27.8

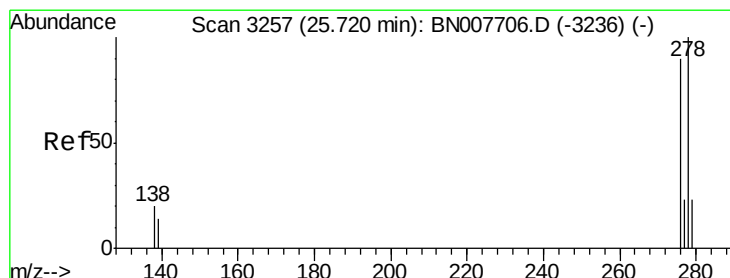
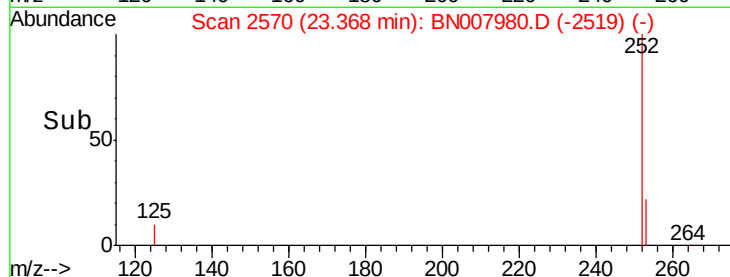
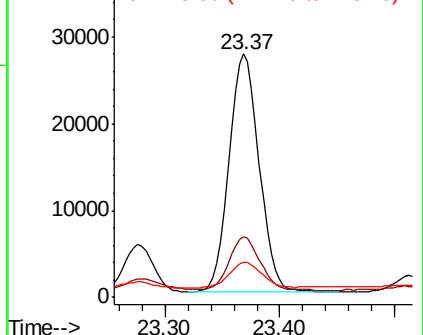
125 14.3 9.4 14.0#



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: 0.303 ng

RT: 25.69 min Scan# 3248

Delta R.T. -0.03 min

Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

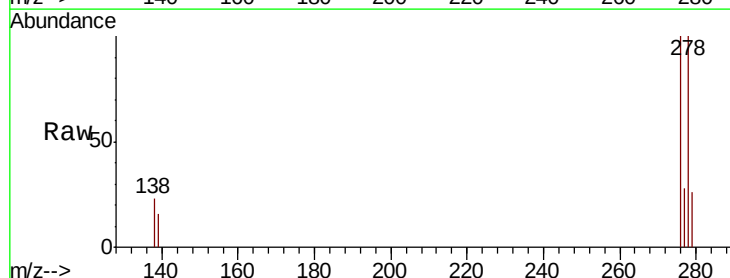
Tgt Ion:278 Resp: 36033

Ion Ratio Lower Upper

278 100

139 16.4 11.8 17.6

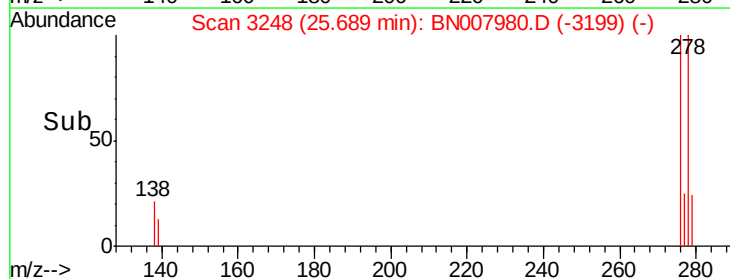
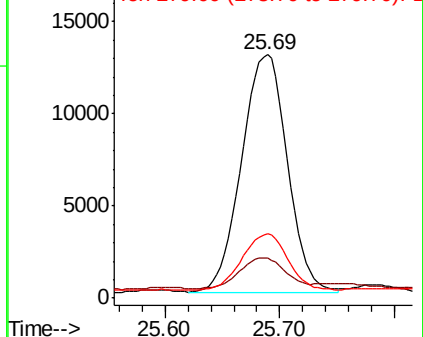
279 26.3 19.4 29.2

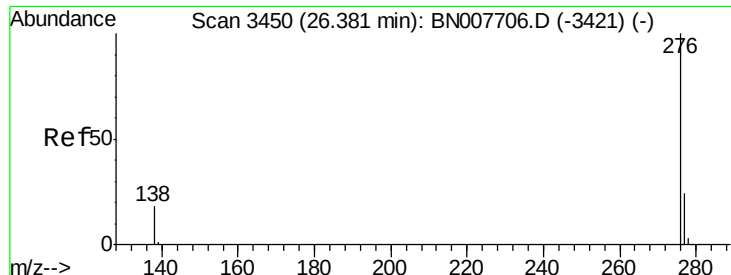


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.358 ng

RT: 26.34 min Scan# 3439

Delta R.T. -0.04 min

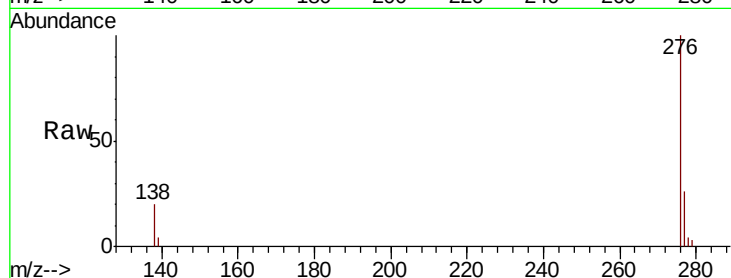
Lab File: BN007980.D

Acq: 02 Oct 2019 23:53

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 42035

Ion Ratio Lower Upper

276 100

277 25.6 19.8 29.8

138 19.8 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

