

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100719\
 Data File : BN008056.D
 Acq On : 07 Oct 2019 18:51
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 07 23:21:16 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 03 18:39:49 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1912	0.40	ng	-0.03
7) Naphthalene-d8	10.43	136	8160	0.40	ng	-0.04
13) Acenaphthene-d10	14.30	164	5241	0.40	ng	-0.03
19) Phenanthrene-d10	17.05	188	11478	0.40	ng	-0.03
27) Chrysene-d12	21.24	240	17621	0.40	ng	-0.03
34) Perylene-d12	23.46	264	16330	0.40	ng	-0.04

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	2387	0.36	ng	-0.02
5) Phenol-d6	6.86	99	3174	0.39	ng	0.00
8) Nitrobenzene-d5	8.81	82	2721	0.38	ng	-0.03
11) 2-Methylnaphthalene-d10	12.03	152	5758	0.42	ng	-0.03
14) 2,4,6-Tribromophenol	15.79	330	1105	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.92	172	7981	0.37	ng	-0.03
25) Fluoranthene-d10	19.08	212	16542	0.43	ng	-0.03
29) Terphenyl-d14	19.69	244	15441	0.36	ng	-0.03

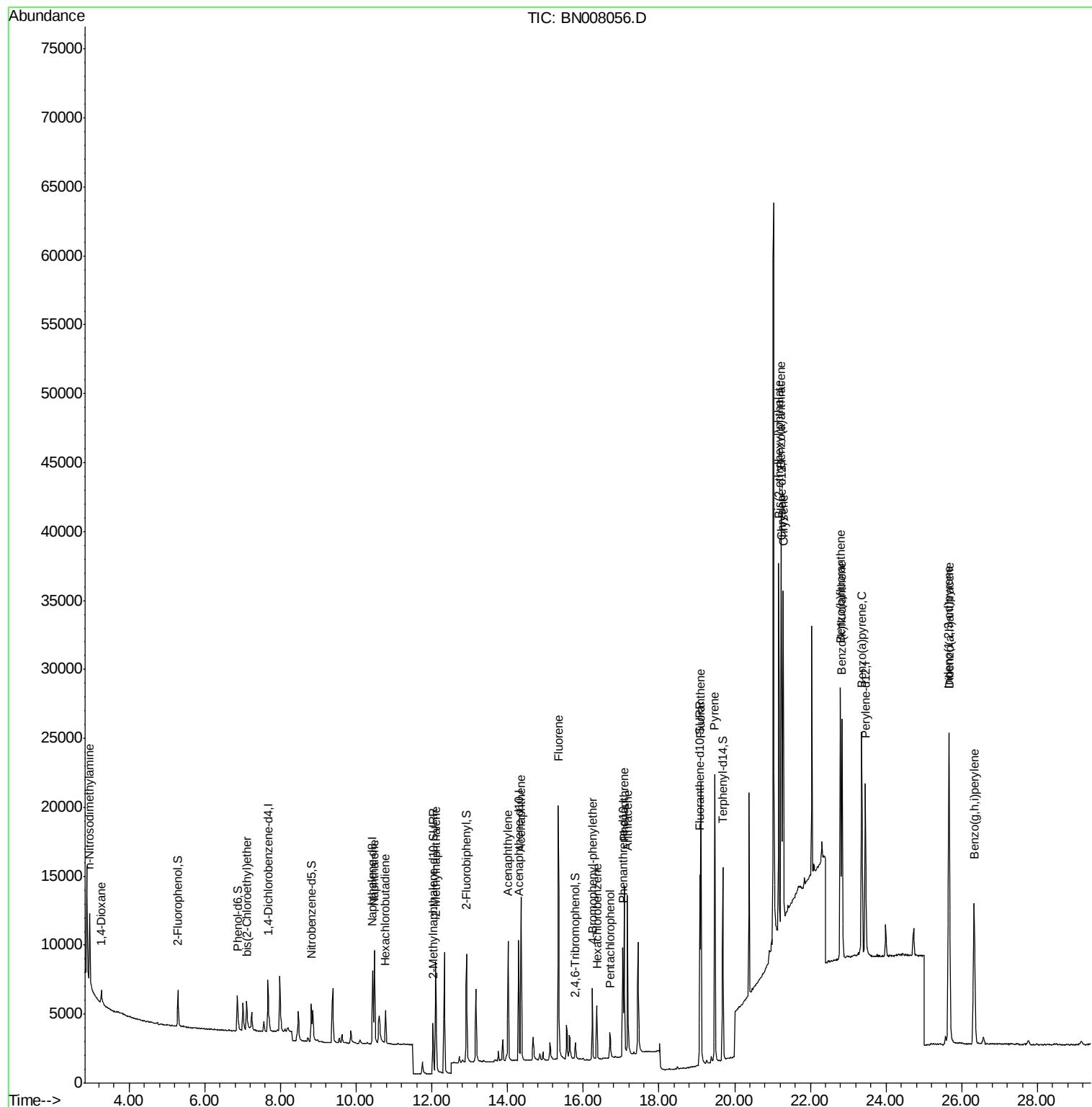
Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	761	0.357	ng	# 32
3) n-Nitrosodimethylamine	2.96	42	828	0.848	ng	# 75
6) bis(2-Chloroethyl)ether	7.11	93	2326	0.430	ng	93
9) Naphthalene	10.48	128	9419	0.411	ng	97
10) Hexachlorobutadiene	10.77	225	2166	0.449	ng	# 99
12) 2-Methylnaphthalene	12.10	142	6546	0.423	ng	97
16) Acenaphthylene	14.01	152	10692	0.385	ng	100
17) Acenaphthene	14.35	154	6544	0.365	ng	97
18) Fluorene	15.35	166	8635	0.376	ng	98
20) 4-Bromophenyl-phenylether	16.24	248	2700	0.387	ng	# 82
21) Hexachlorobenzene	16.37	284	3280	0.431	ng	98
22) Pentachlorophenol	16.71	266	1246	0.444	ng	97
23) Phenanthrene	17.09	178	14525	0.406	ng	100
24) Anthracene	17.17	178	13451	0.417	ng	99
26) Fluoranthene	19.11	202	19400	0.436	ng	100
28) Pyrene	19.47	202	20352	0.339	ng	100
30) Benzo(a)anthracene	21.23	228	21502	0.331	ng	97
31) Chrysene	21.28	228	22663	0.358	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	22522	0.675	ng	99
33) Indeno(1,2,3-cd)pyrene	25.66	276	26107	0.330	ng	98
35) Benzo(b)fluoranthene	22.80	252	23689	0.418	ng	# 78
36) Benzo(k)fluoranthene	22.84	252	22586	0.403	ng	# 84
37) Benzo(a)pyrene	23.36	252	20753	0.390	ng	# 64
38) Dibenzo(a,h)anthracene	25.67	278	21248	0.390	ng	# 87
39) Benzo(g,h,i)perylene	26.33	276	21819	0.405	ng	# 91

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100719\
Data File : BN008056.D
Acq On : 07 Oct 2019 18:51
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 07 23:21:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

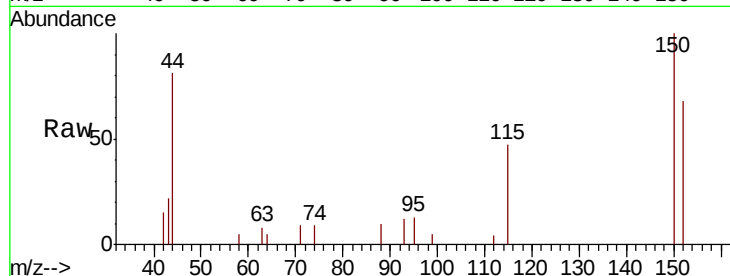




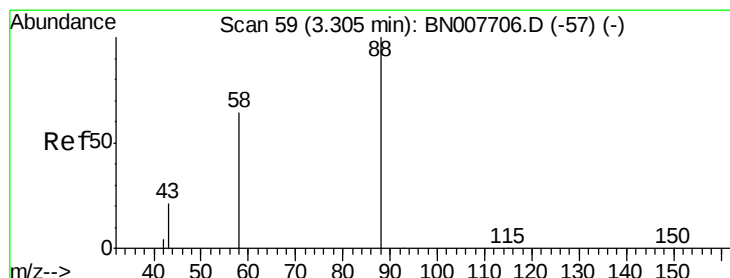
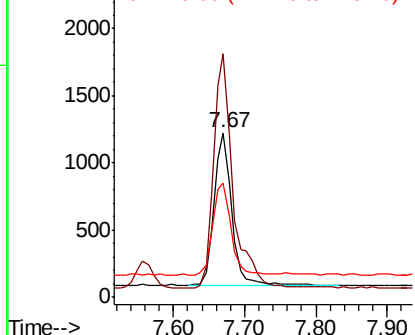
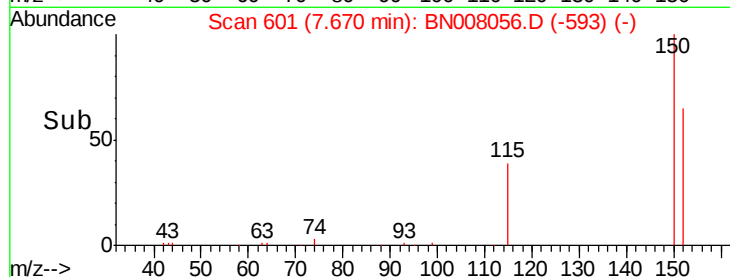
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 601
Delta R.T. -0.03 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

Tot Ion:152 Resp: 1912
Ion Ratio Lower Upper
152 100
150 147.6 125.6 188.4
115 69.5 53.3 79.9



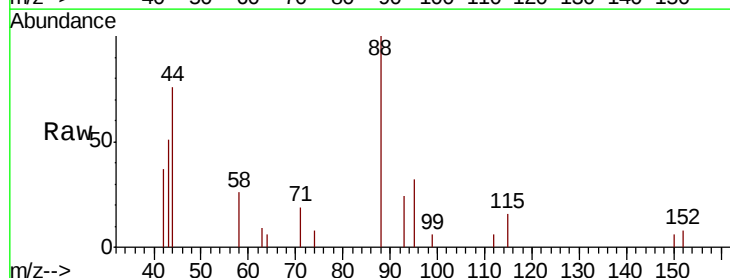
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



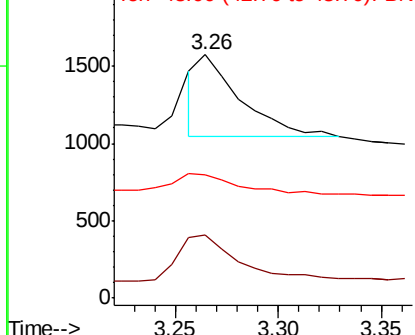
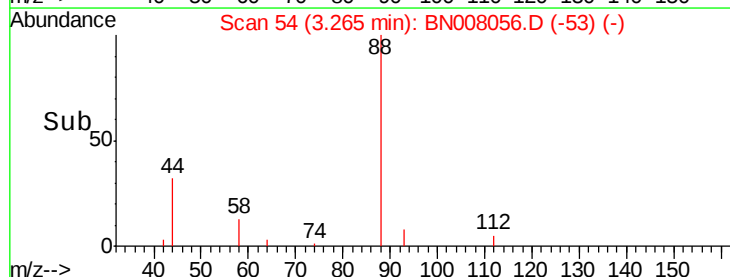
#2

1,4-Dioxane
Concen: 0.357 ng
RT: 3.26 min Scan# 54
Delta R.T. -0.04 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

Tgt Ion: 88 Resp: 761
Ion Ratio Lower Upper
88 100
58 0.0 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

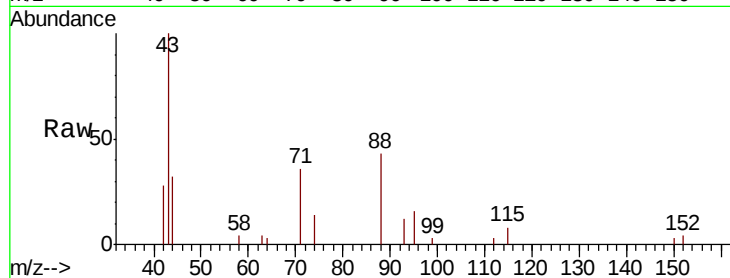




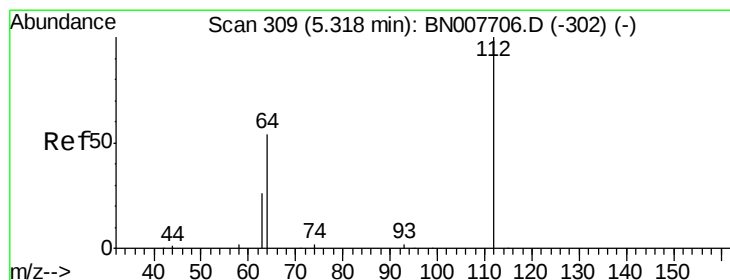
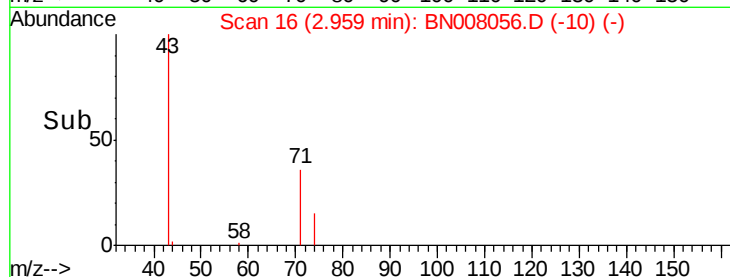
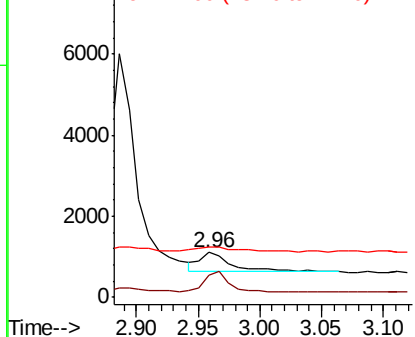
#3

n-Nitrosodimethylamine
 Concen: 0.848 ng
 RT: 2.96 min Scan# 16
 Delta R.T. -0.05 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

Tot Ion	Ratio	Lower	Upper
42	100		
74	82.5	87.9	131.9#
44	22.5	29.4	44.0#



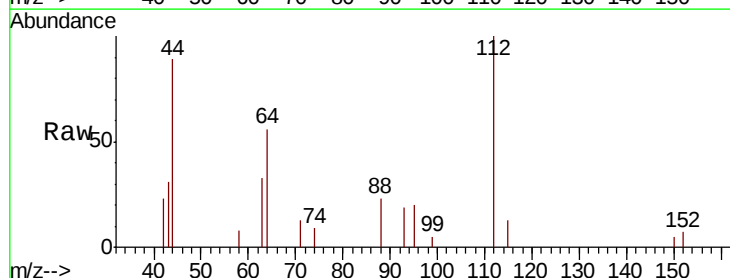
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



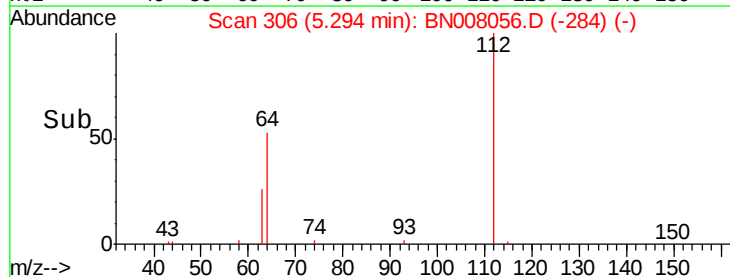
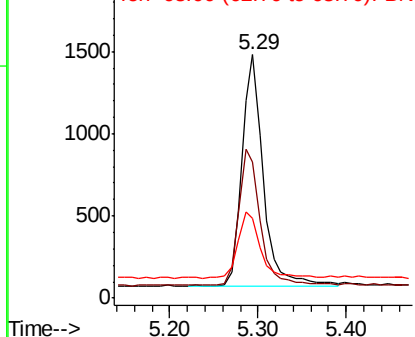
#4

2-Fluorophenol
 Concen: 0.363 ng
 RT: 5.29 min Scan# 306
 Delta R.T. -0.02 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.6	70.0
63	30.2	23.1	34.7



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





#5

Phenol-d6

Concen: 0.387 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

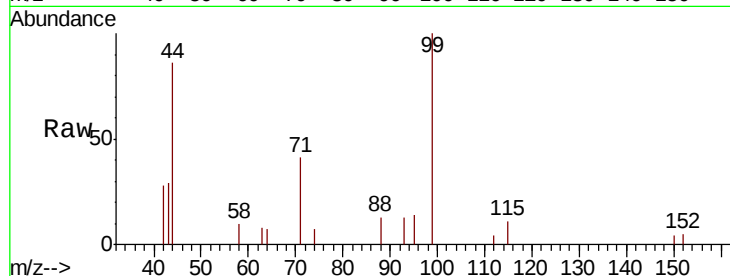
Tot Ion: 99 Resp: 3174

Ion Ratio Lower Upper

99 100

42 14.9 12.8 19.2

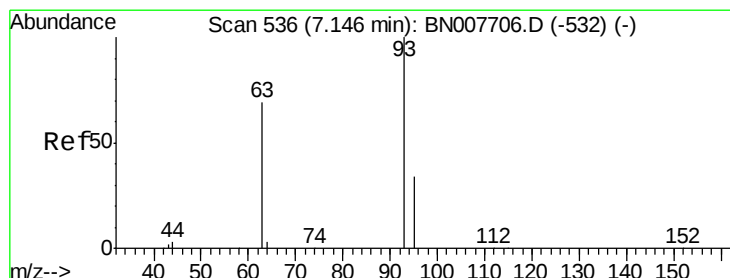
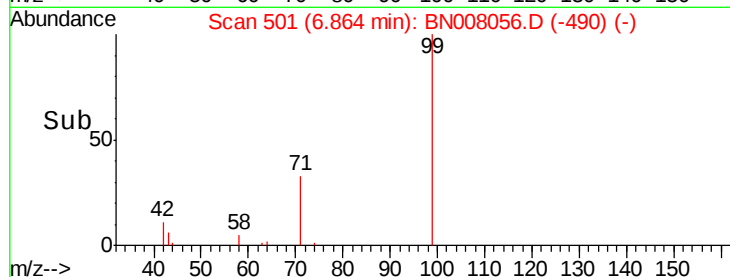
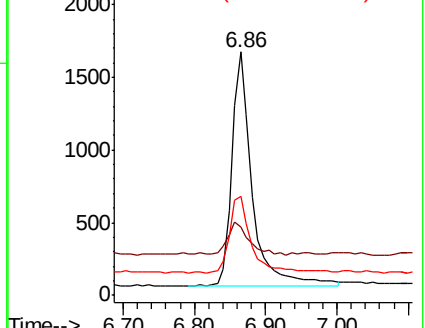
71 34.9 27.6 41.4



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: 0.430 ng

RT: 7.11 min Scan# 531

Delta R.T. -0.04 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

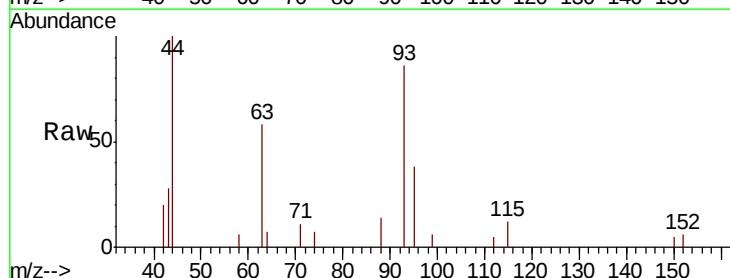
Tgt Ion: 93 Resp: 2326

Ion Ratio Lower Upper

93 100

63 70.7 59.3 88.9

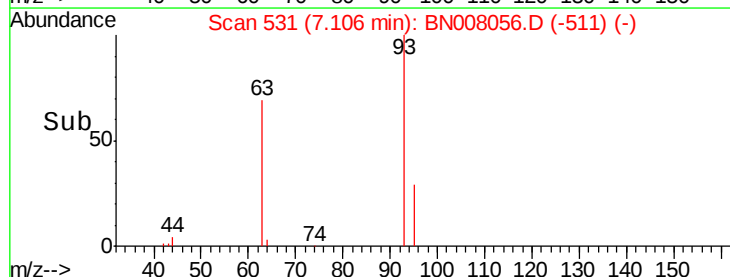
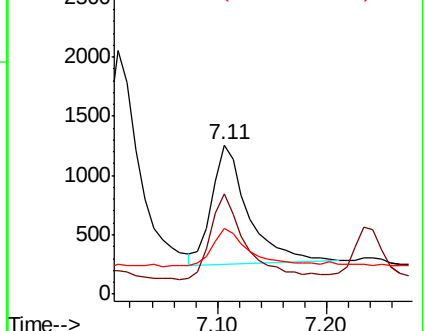
95 31.4 31.4 47.0



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

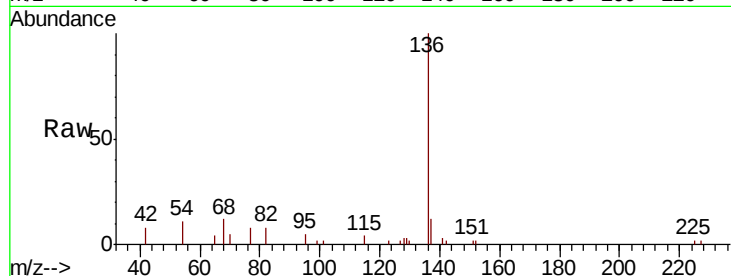
RT: 10.43 min Scan# 848

Delta R.T. -0.04 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

Tot Ion:136	Resp:	8160
Ion	Ratio	Lower Upper
136	100	
137	12.5	9.2 13.8
54	11.0	5.8 8.8#
68	12.0	6.5 9.7#



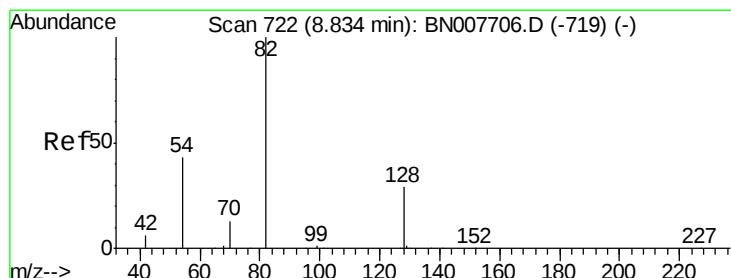
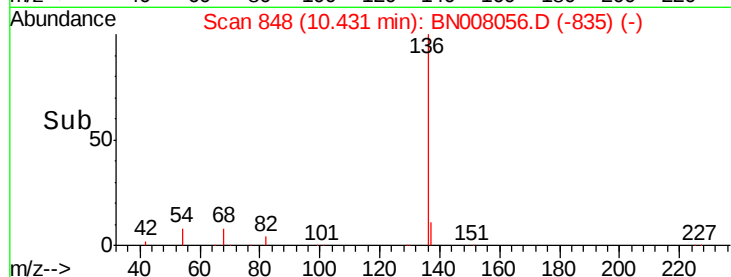
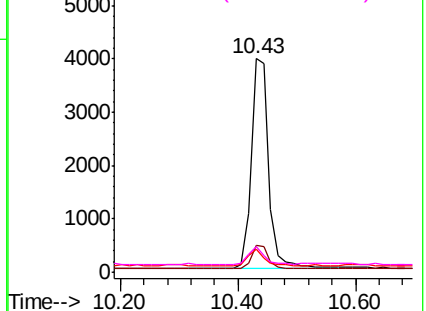
Abundance

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: 0.381 ng

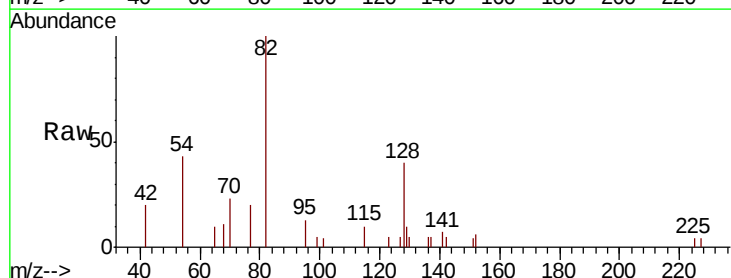
RT: 8.81 min Scan# 720

Delta R.T. -0.03 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

Tgt Ion: 82	Resp:	2721
Ion	Ratio	Lower Upper
82	100	
128	39.7	24.5 36.7#
54	42.8	35.2 52.8

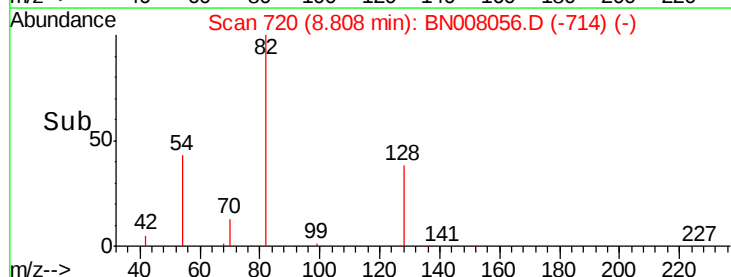
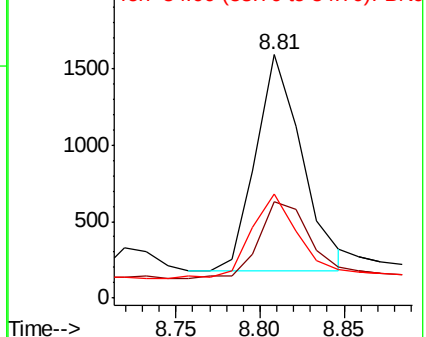


Abundance

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: 0.411 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.04 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

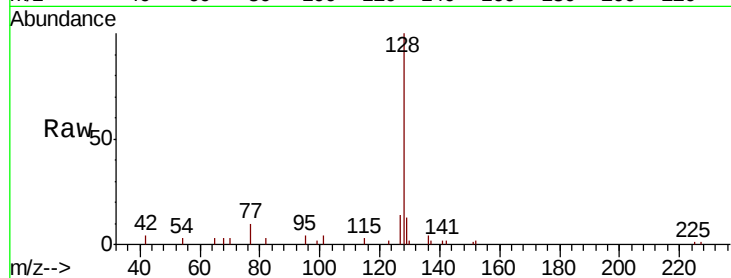
Tot Ion:128 Resp: 9419

Ion Ratio Lower Upper

128 100

129 12.8 9.1 13.7

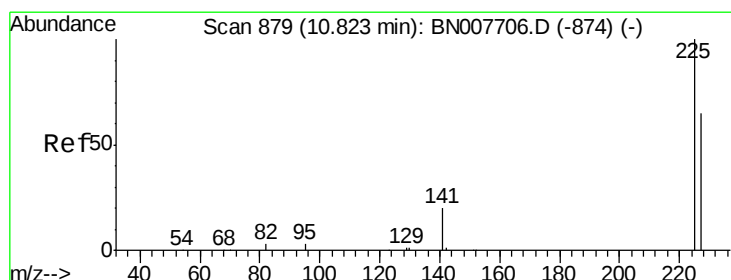
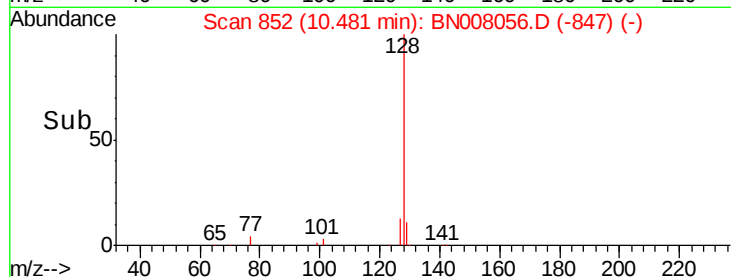
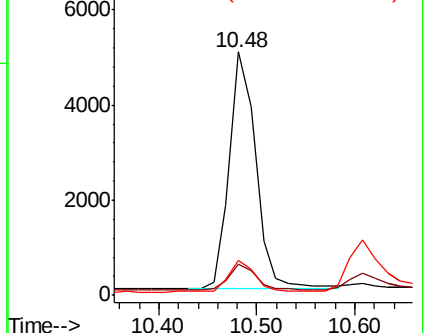
127 14.3 10.6 15.8



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: 0.449 ng

RT: 10.77 min Scan# 875

Delta R.T. -0.05 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

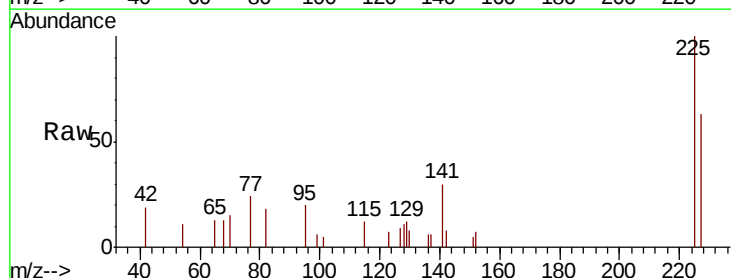
Tgt Ion:225 Resp: 2166

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

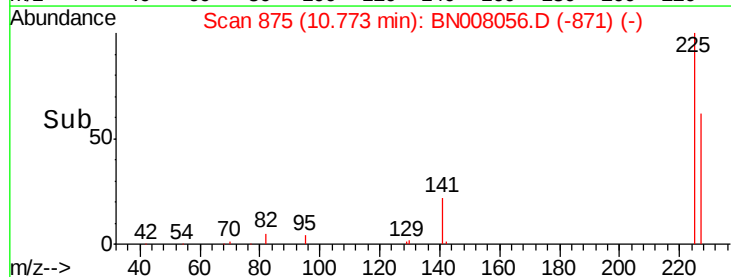
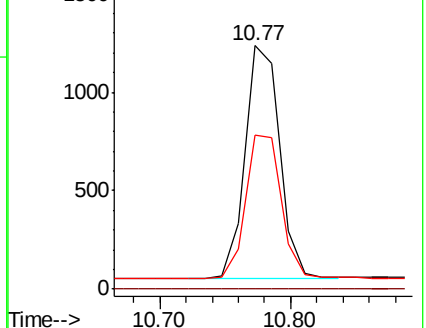
227 63.3 51.2 76.8

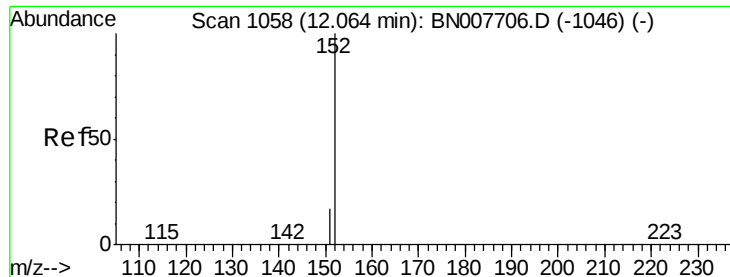


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

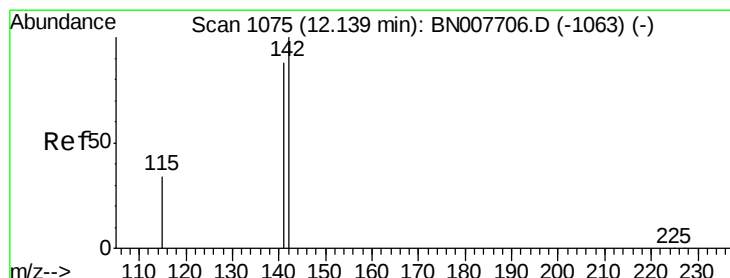
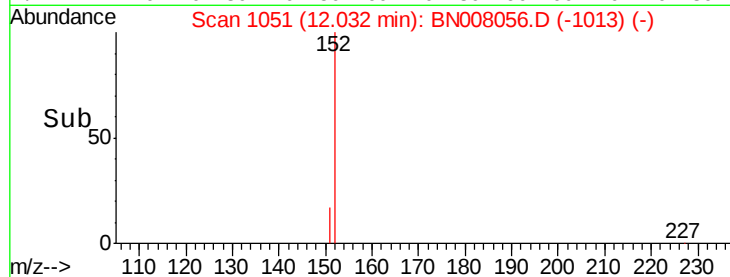
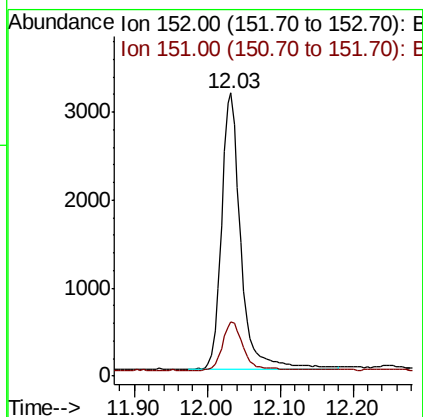
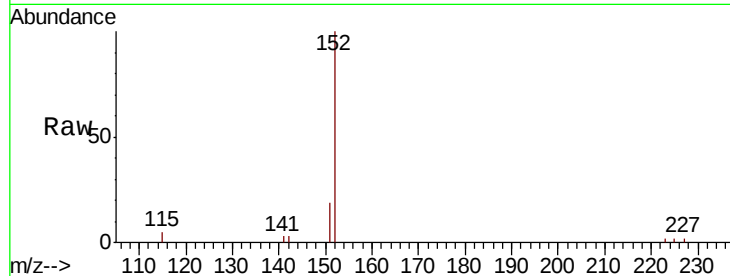
Ion 227.00 (226.70 to 227.70): E





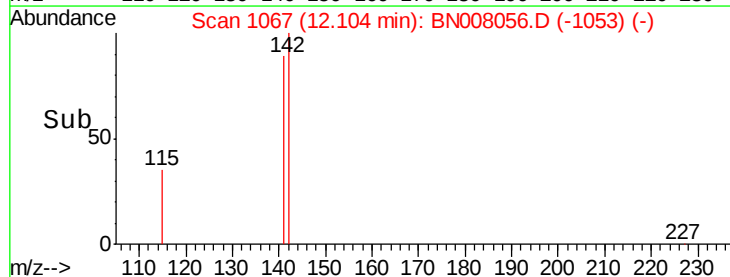
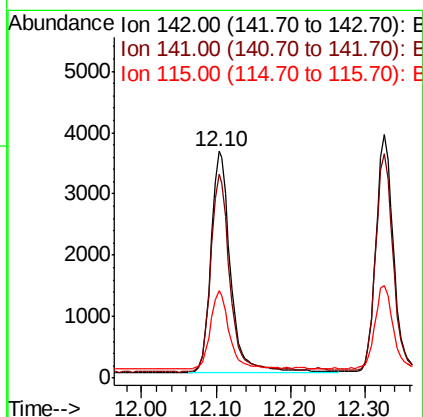
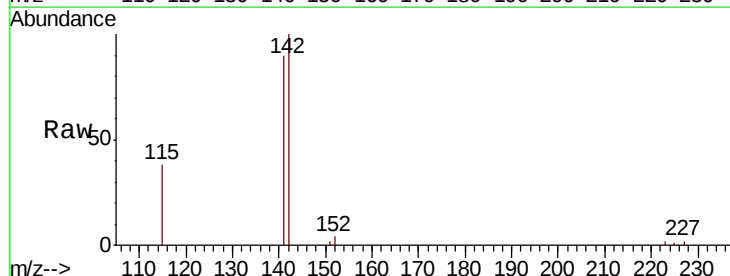
#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.03 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

Tot Ion:152 Resp: 5758
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.423 ng
 RT: 12.10 min Scan# 1067
 Delta R.T. -0.04 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

Tgt Ion:142 Resp: 6546
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.6 106.0
 115 38.5 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1318

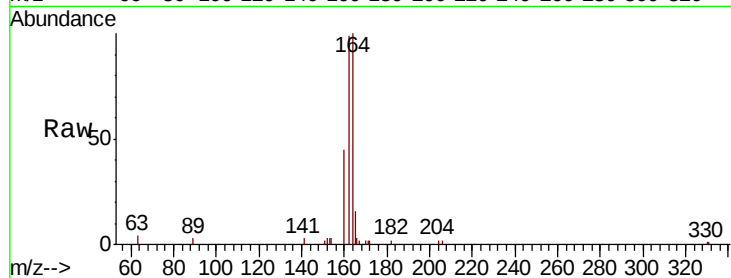
Delta R.T. -0.03 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

Tot Ion:164 Resp: 5241

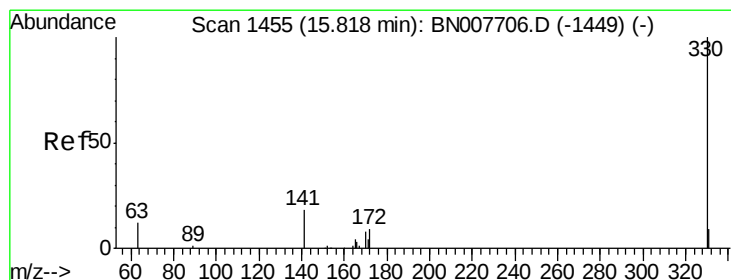
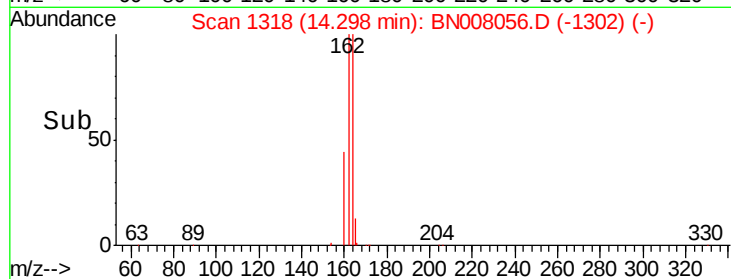
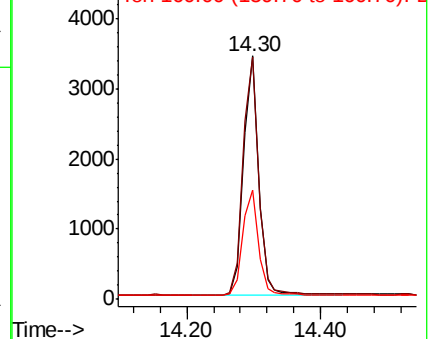
Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.7	122.5
160	44.7	37.0	55.4



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: 0.387 ng

RT: 15.79 min Scan# 1452

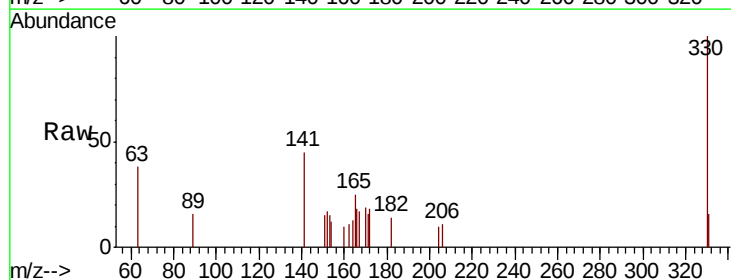
Delta R.T. -0.03 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

Tgt Ion:330 Resp: 1105

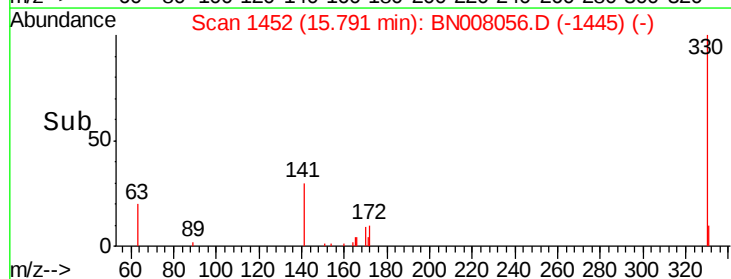
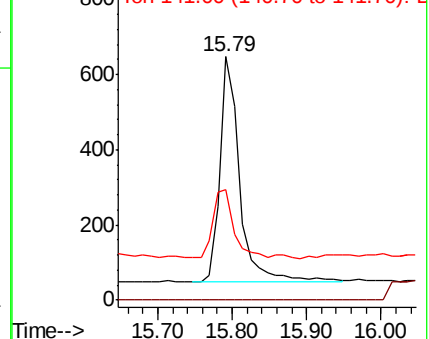
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.1	28.7	43.1



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

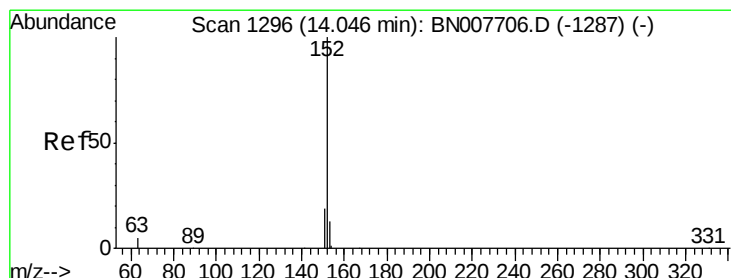
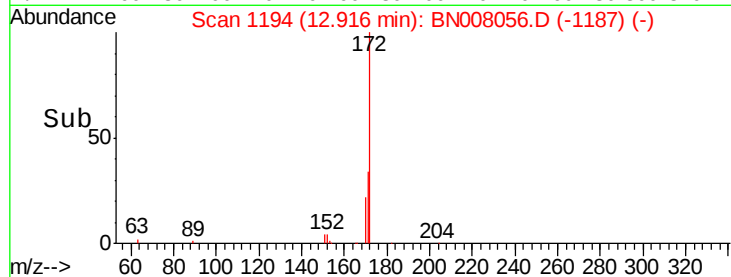
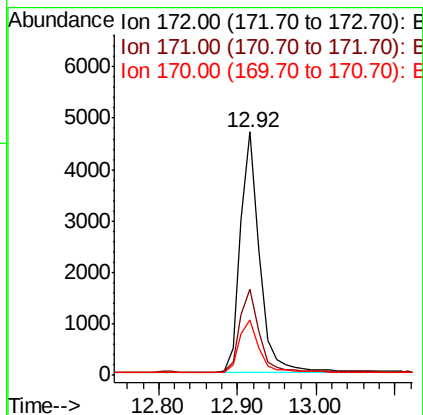
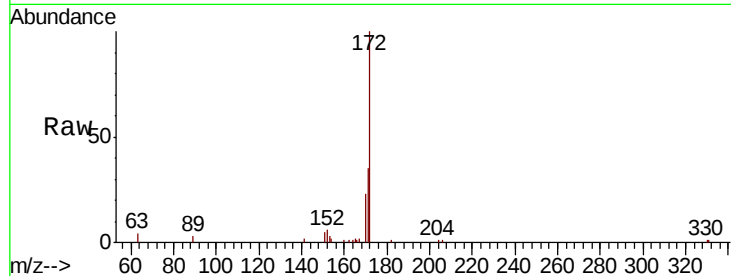
Ion 141.00 (140.70 to 141.70): E





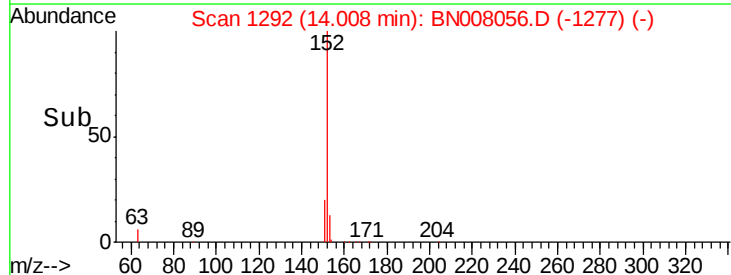
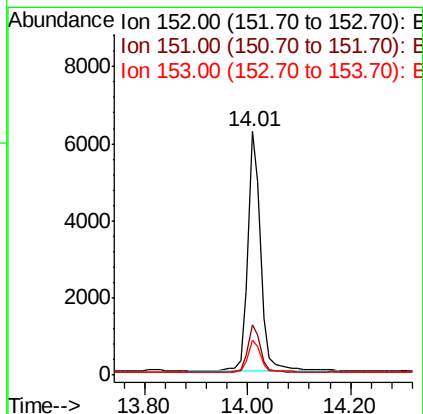
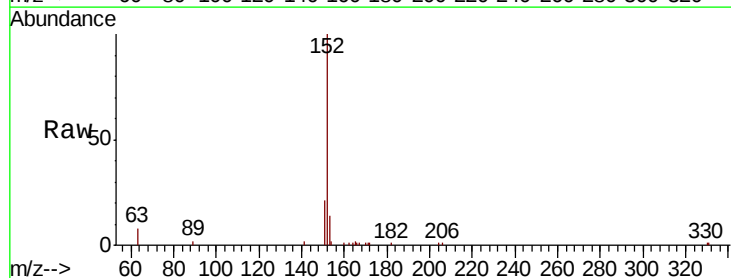
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.92 min Scan# 1194
Delta R.T. -0.03 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

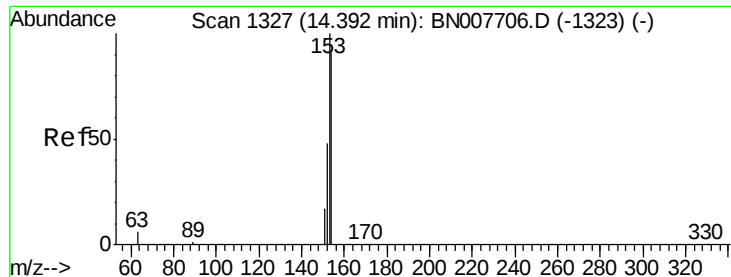
Tot Ion:172 Resp: 7981
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 22.9 19.5 29.3



#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.01 min Scan# 1292
Delta R.T. -0.04 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

Tgt Ion:152 Resp: 10692
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.365 ng

RT: 14.35 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

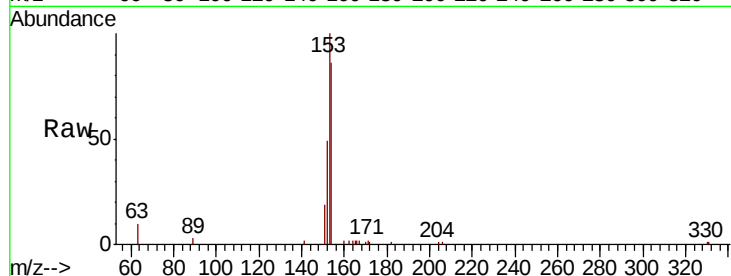
Tot Ion:154 Resp: 6544

Ion Ratio Lower Upper

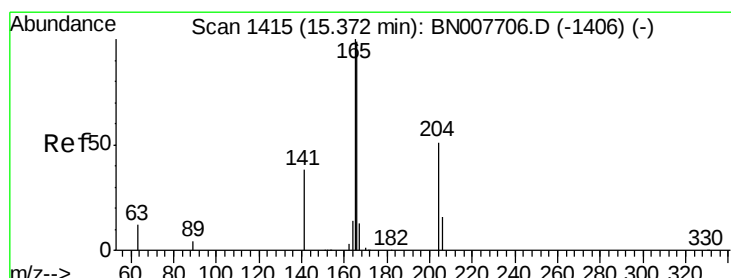
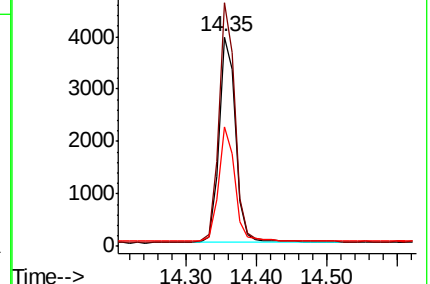
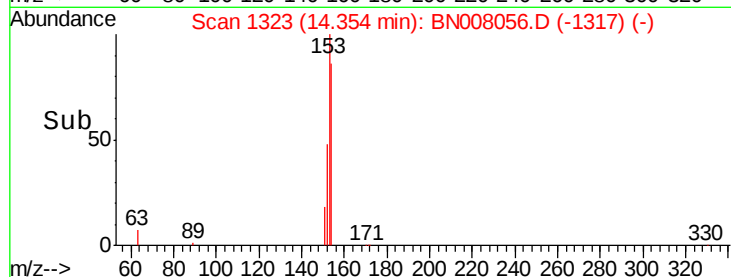
154 100

153 112.8 87.0 130.4

152 54.5 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: 0.376 ng

RT: 15.35 min Scan# 1412

Delta R.T. -0.03 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

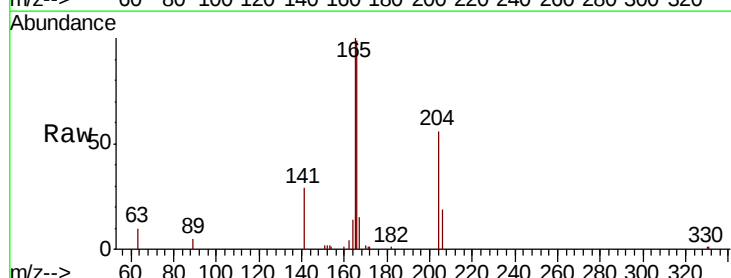
Tgt Ion:166 Resp: 8635

Ion Ratio Lower Upper

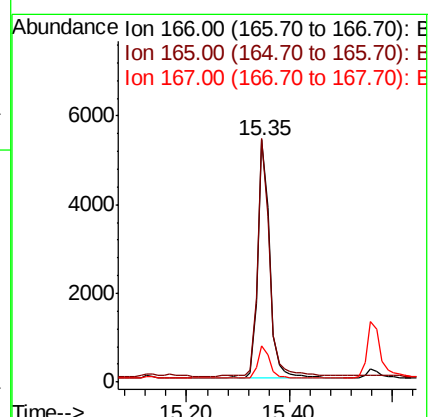
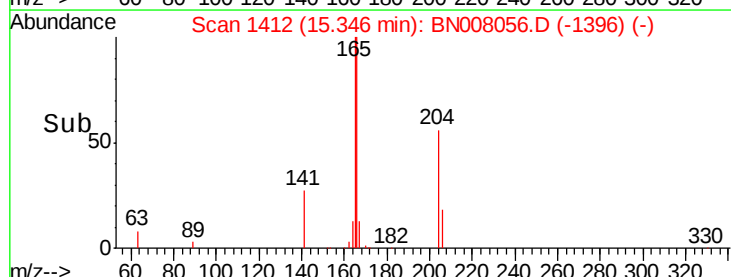
166 100

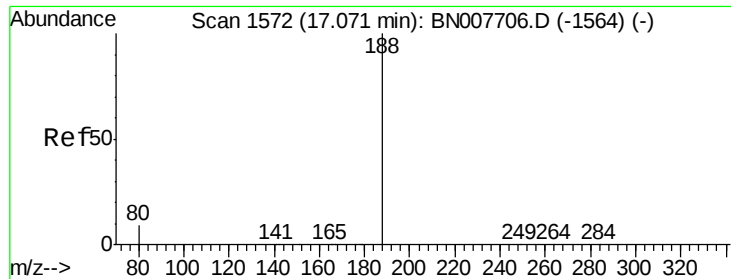
165 99.5 78.0 117.0

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: 17.05 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

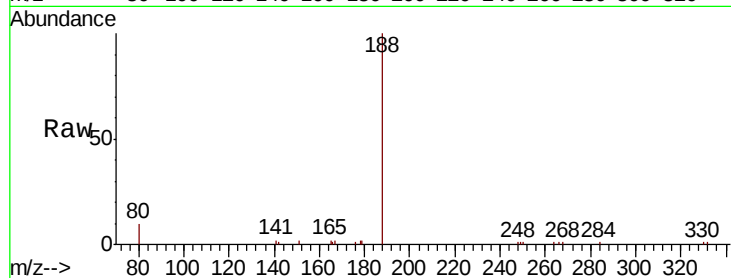
Tot Ion:188 Resp: 11478

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

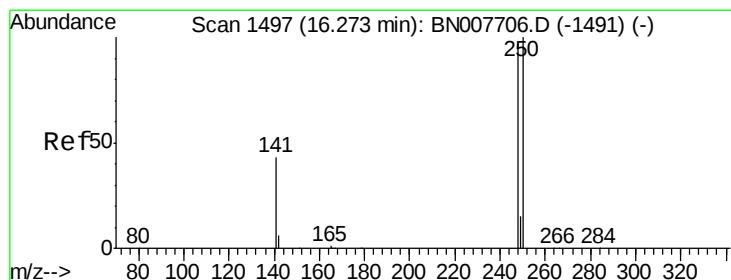
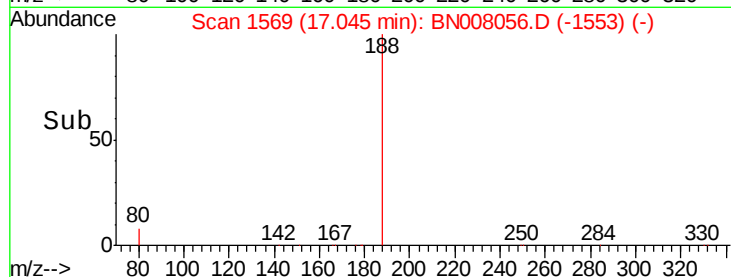
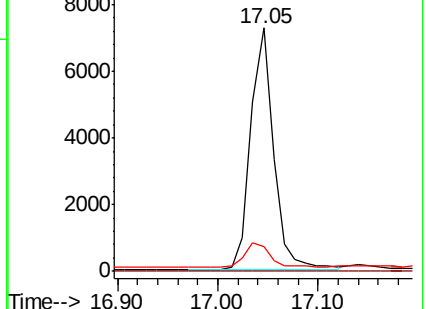
80 10.3 7.4 11.2



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: 0.387 ng

RT: 16.24 min Scan# 1493

Delta R.T. -0.04 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

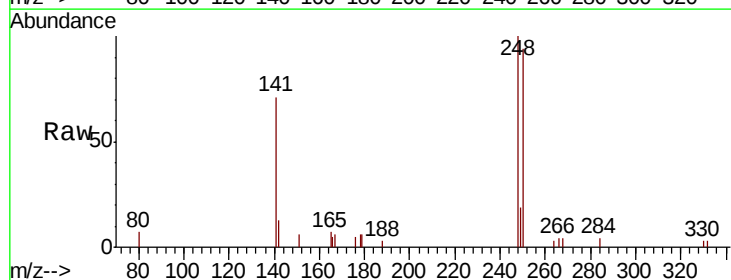
Tgt Ion:248 Resp: 2700

Ion Ratio Lower Upper

248 100

250 94.2 82.2 123.4

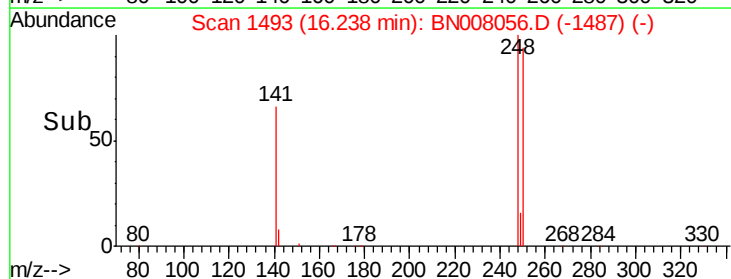
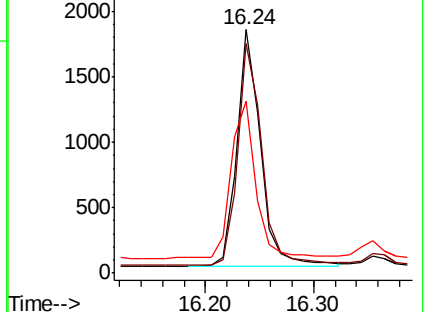
141 70.9 36.3 54.5#



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: 0.431 ng

RT: 16.37 min Scan# 1505

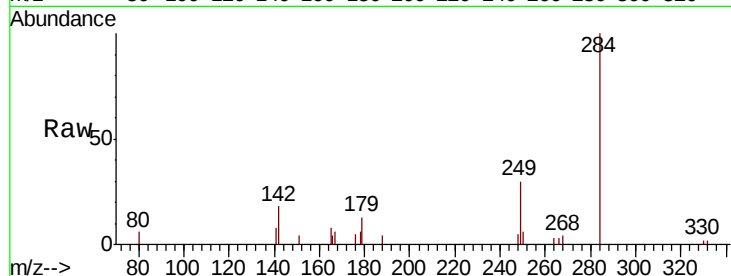
Delta R.T. -0.03 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

Tot Ion:284 Resp: 3280

Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.8	38.6
249	31.3	25.9	38.9

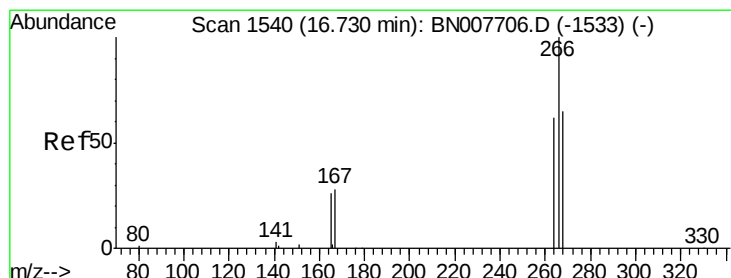
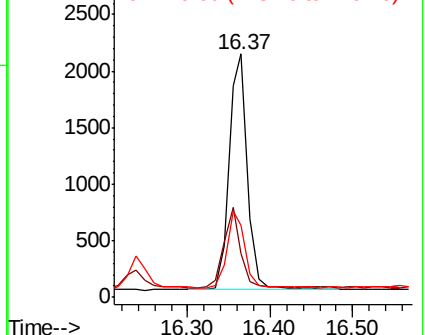
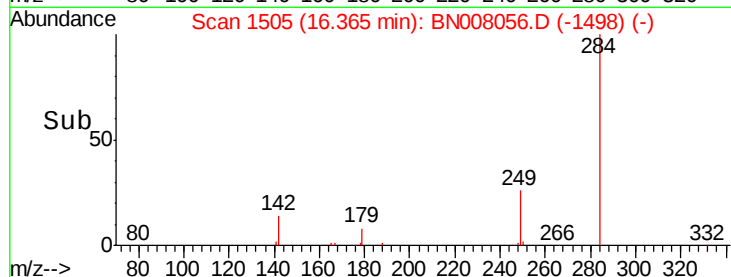


Abundance

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: 0.444 ng

RT: 16.71 min Scan# 1537

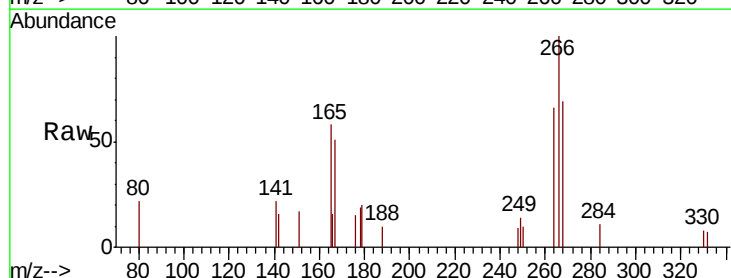
Delta R.T. -0.03 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

Tgt Ion:266 Resp: 1246

Ion	Ratio	Lower	Upper
266	100		
264	65.5	50.0	75.0
268	68.8	54.2	81.4

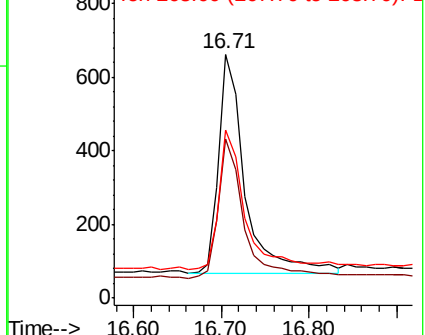
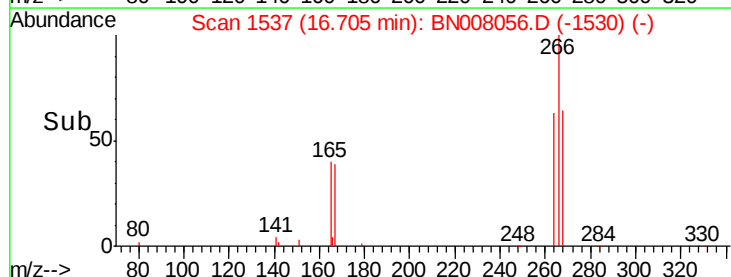


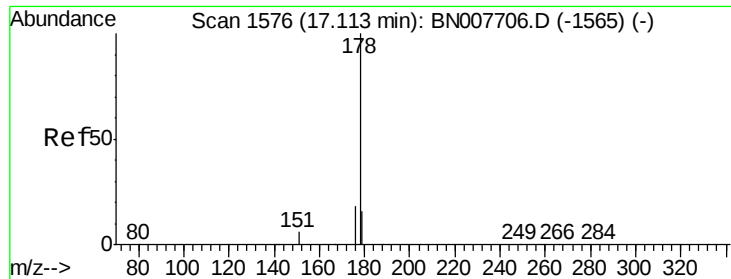
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

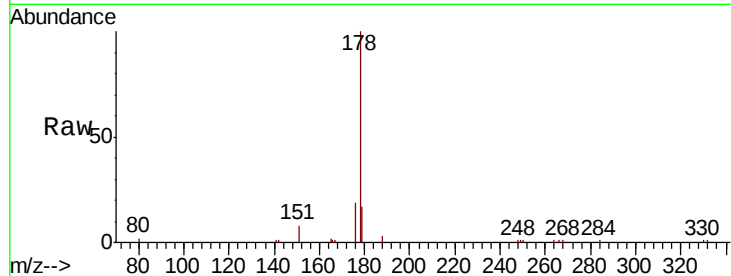
Ion 268.00 (267.70 to 268.70): E



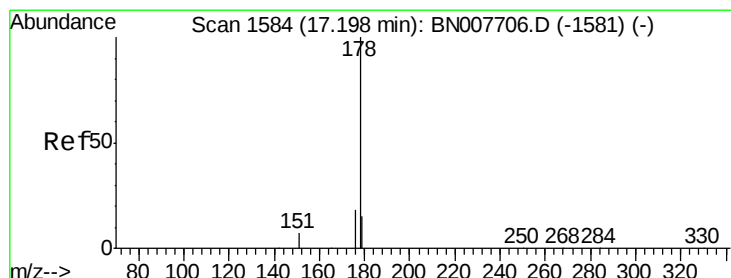
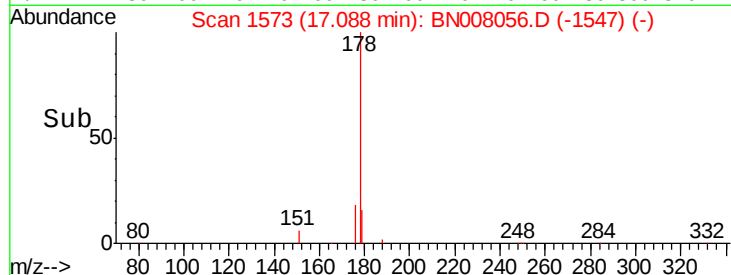
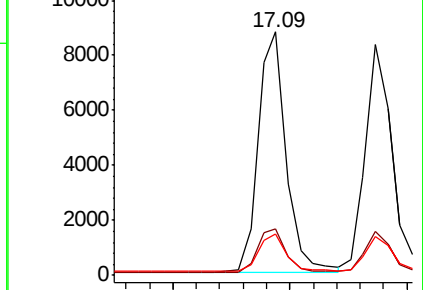


#23
Phenanthrene
Concen: 0.406 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.7	12.5	18.7

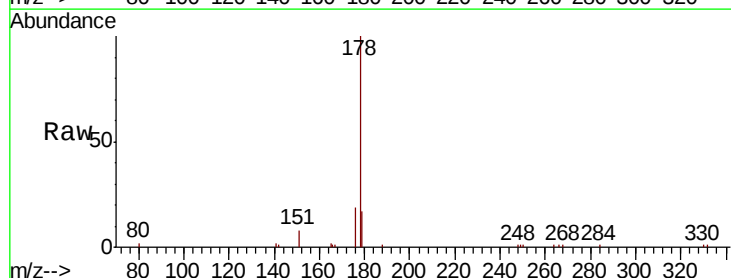


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

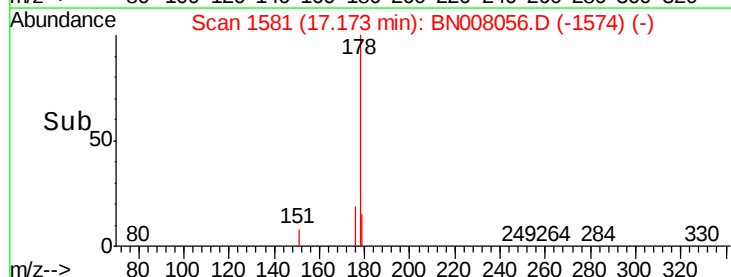
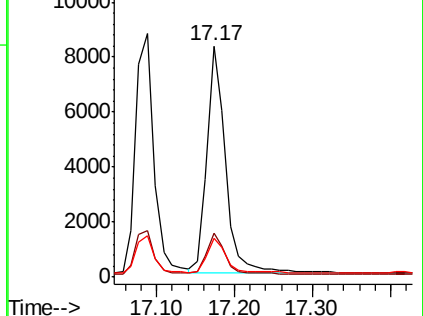


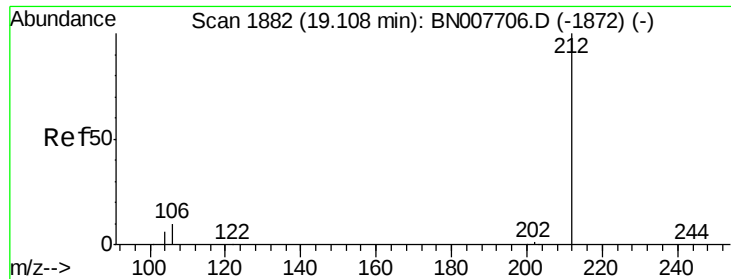
#24
Anthracene
Concen: 0.417 ng
RT: 17.17 min Scan# 1581
Delta R.T. -0.03 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	21.8
179	15.6	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: 0.428 ng

RT: 19.08 min Scan# 1875

Delta R.T. -0.03 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

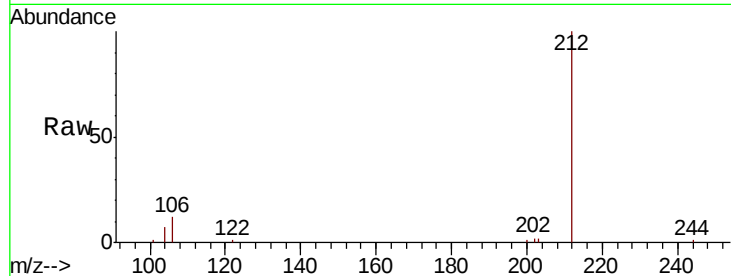
Tot Ion:212 Resp: 16542

Ion Ratio Lower Upper

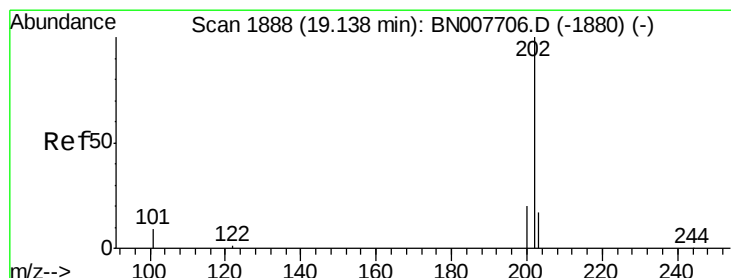
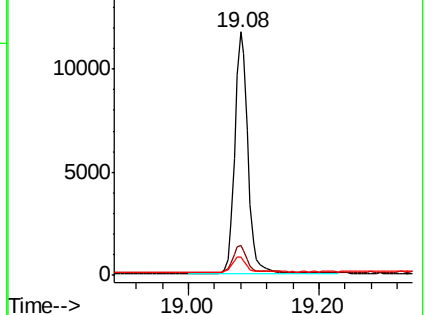
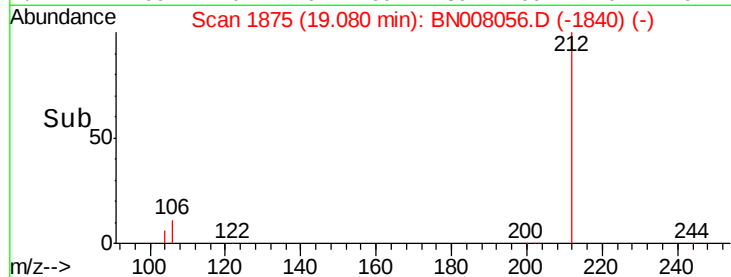
212 100

106 11.5 9.4 14.0

104 6.3 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: 0.436 ng

RT: 19.11 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

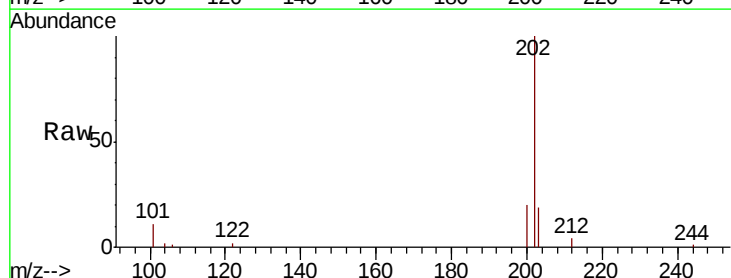
Tgt Ion:202 Resp: 19400

Ion Ratio Lower Upper

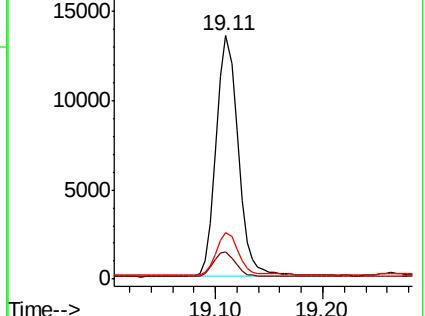
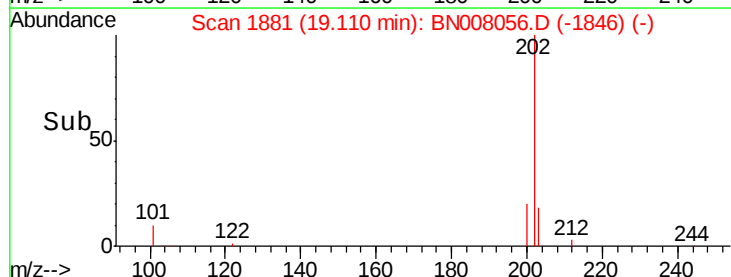
202 100

101 10.4 8.4 12.6

203 17.4 13.8 20.8



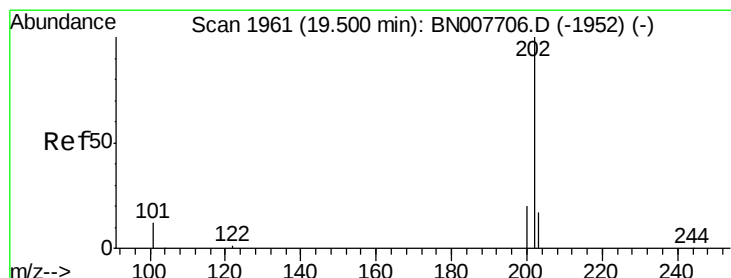
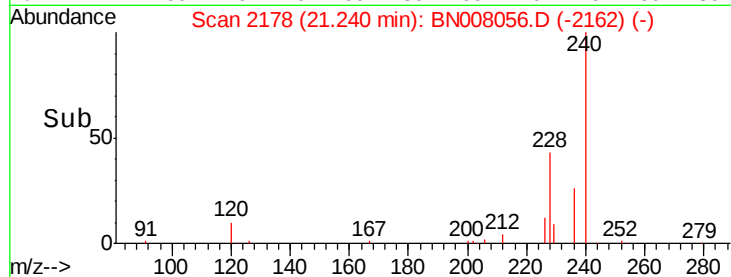
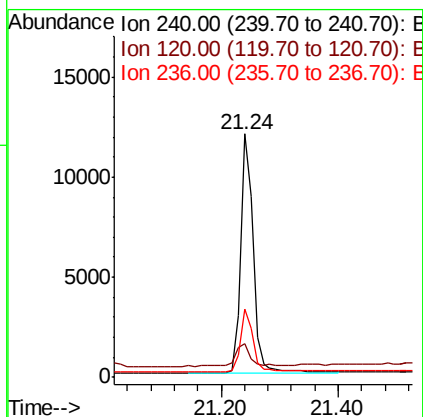
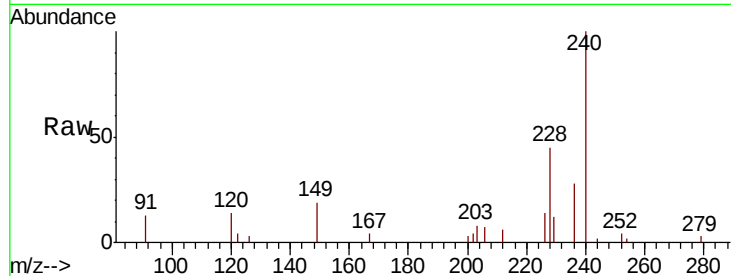
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





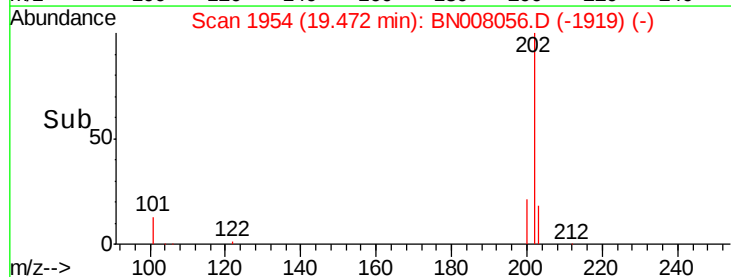
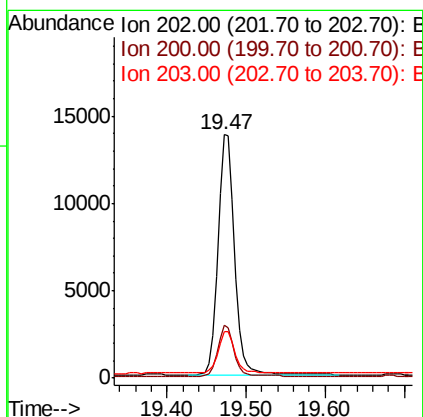
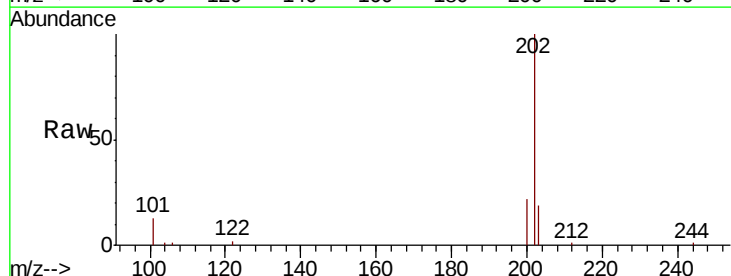
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2178
Delta R.T. -0.03 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

Tot Ion:240 Resp: 17621
Ion Ratio Lower Upper
240 100
120 13.7 5.4 8.2#
236 28.2 21.0 31.4



#28
Pyrene
Concen: 0.339 ng
RT: 19.47 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

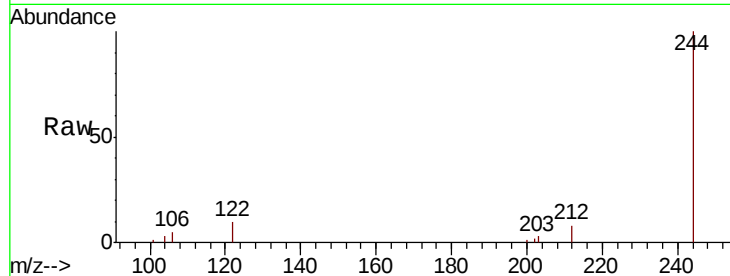
Tgt Ion:202 Resp: 20352
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.9 14.1 21.1



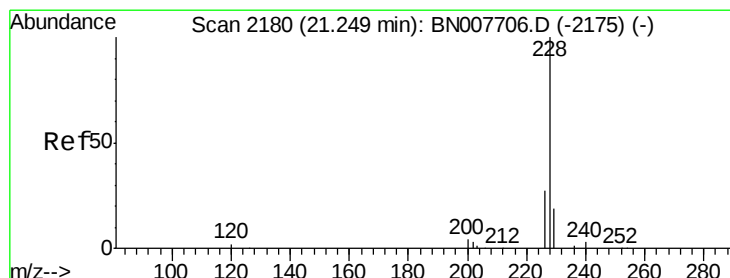
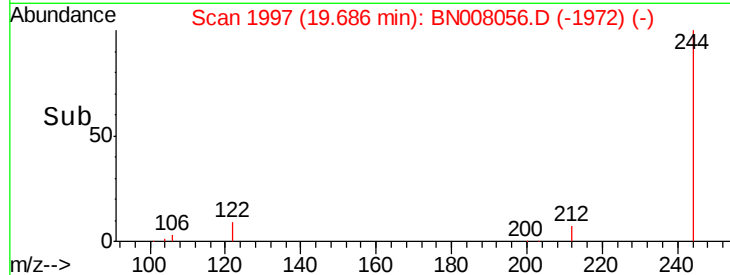
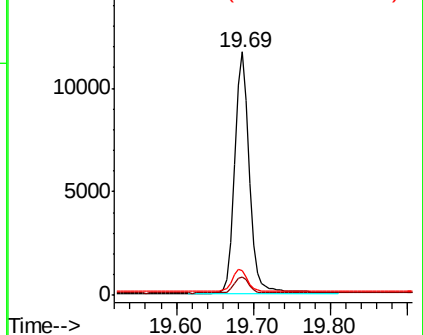


#29
 Terphenyl-d14
 Concen: 0.357 ng
 RT: 19.69 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

Tot Ion:244 Resp: 15441
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.4 7.4 11.2

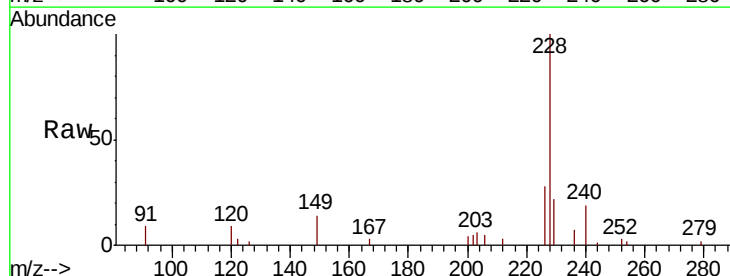


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

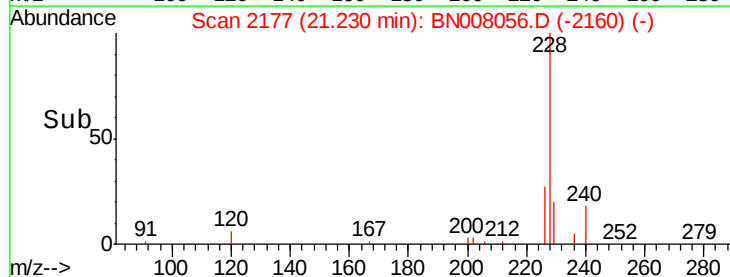
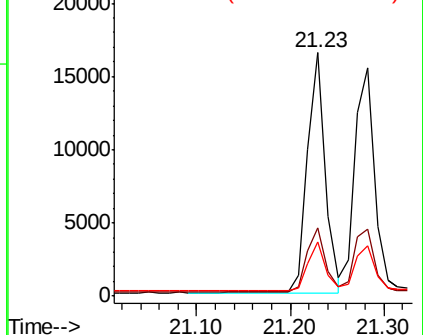


#30
 Benzo(a)anthracene
 Concen: 0.331 ng
 RT: 21.23 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

Tgt Ion:228 Resp: 21502
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.1 33.1
 229 22.2 15.8 23.6



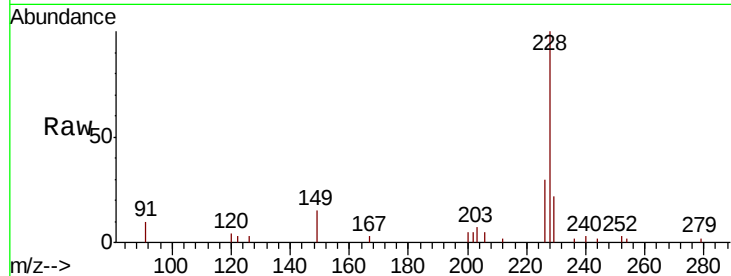
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



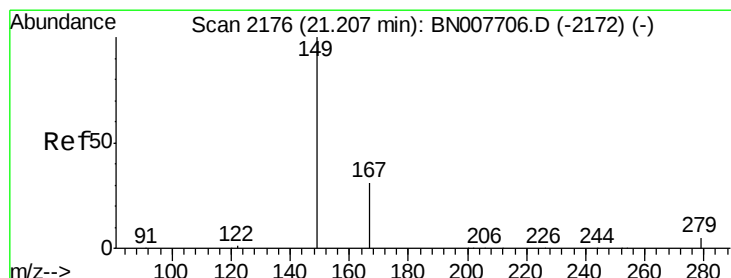
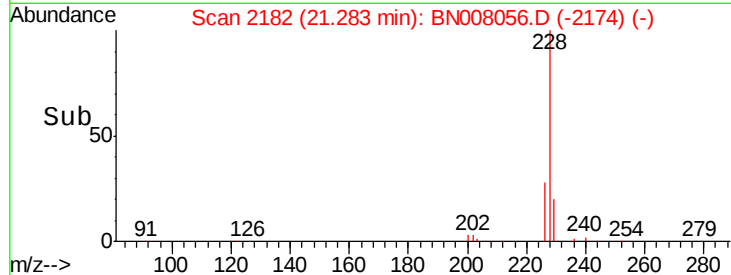
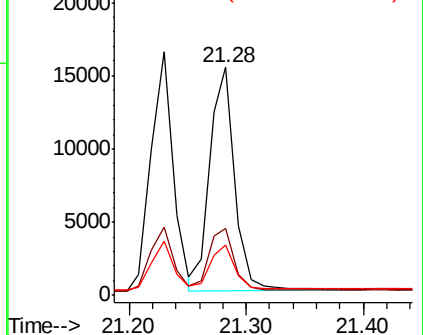


#31
 Chrysene
 Concen: 0.358 ng
 RT: 21.28 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

Tot	Ion:228	Resp:	22663
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	22.1	15.8	23.6

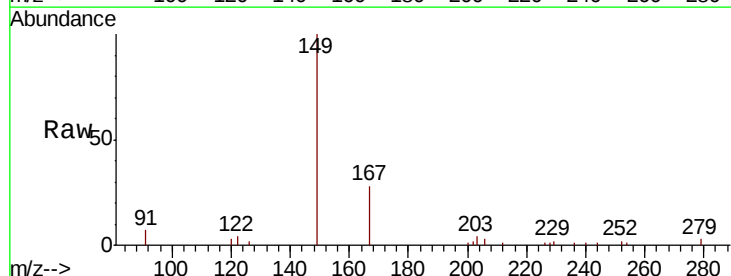


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

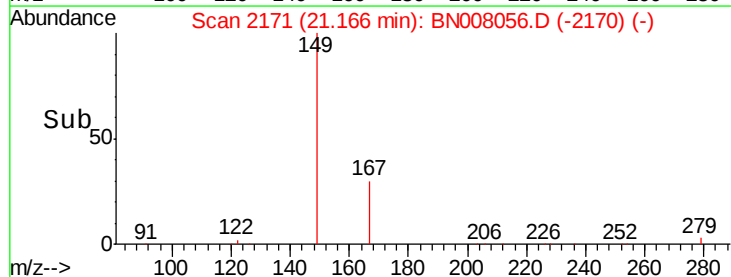
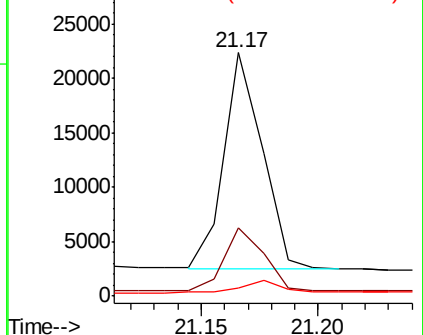


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.675 ng
 RT: 21.17 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

Tgt	Ion:149	Resp:	22522
Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.7	35.5
279	5.4	4.2	6.2



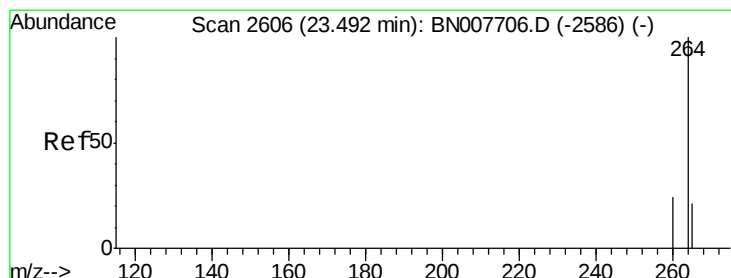
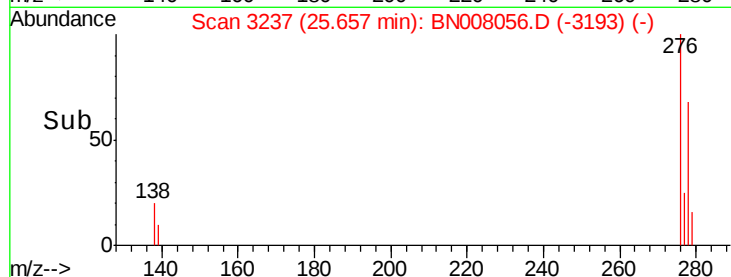
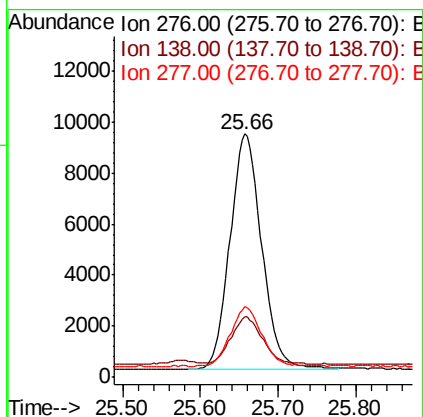
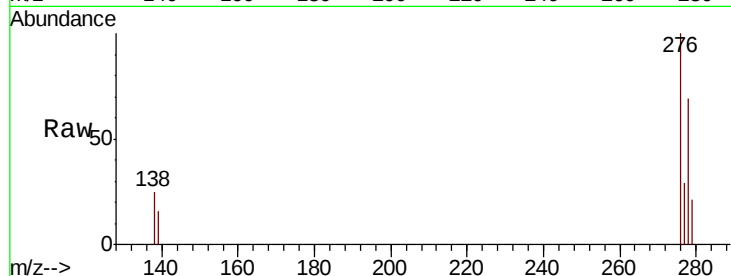
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





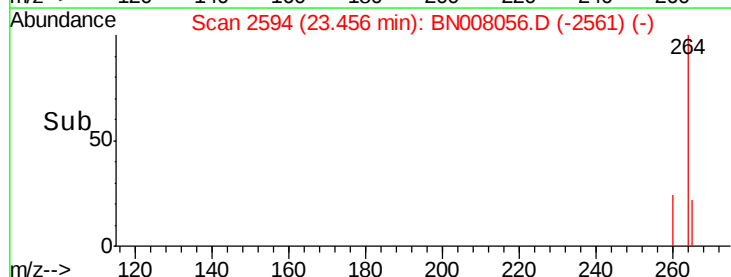
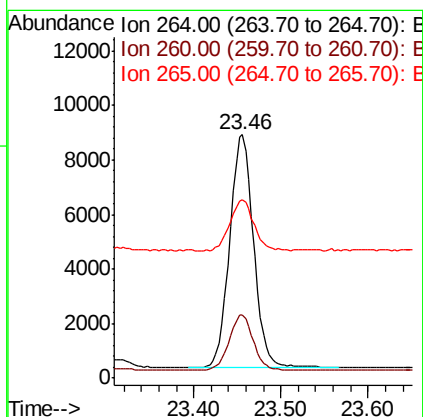
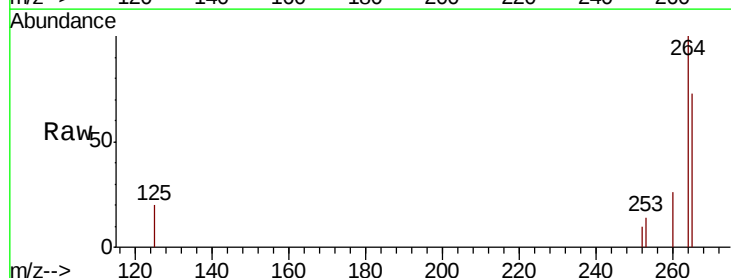
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.330 ng
 RT: 25.66 min Scan# 3237
 Delta R.T. -0.05 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	17.1	25.7
277	25.0	20.0	30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2594
 Delta R.T. -0.04 min
 Lab File: BN008056.D
 Acq: 07 Oct 2019 18:51

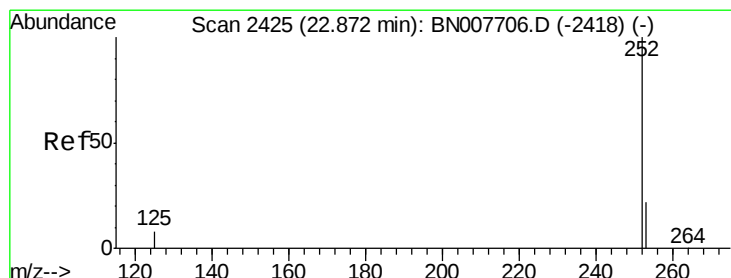
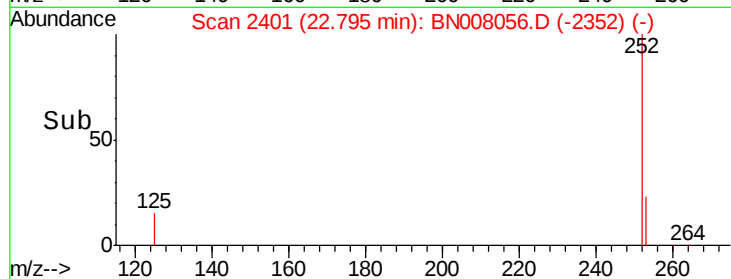
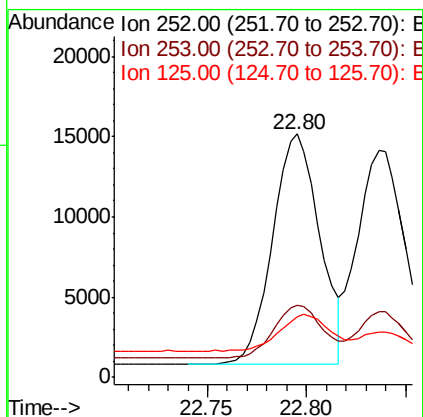
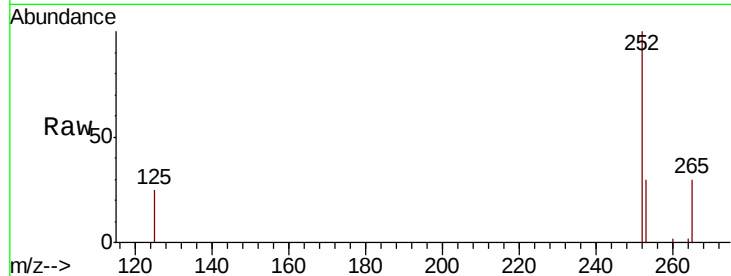
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.3	28.9
265	73.1	26.9	40.3





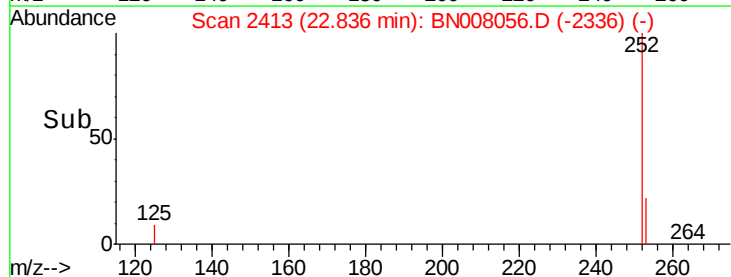
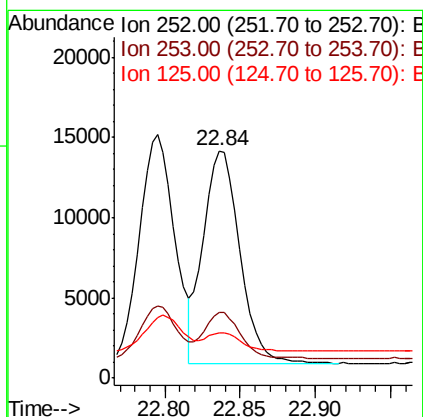
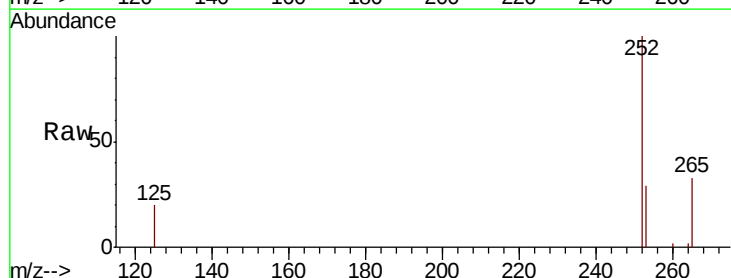
#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 22.80 min Scan# 2401
Delta R.T. -0.03 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

Tot Ion:252 Resp: 23689
Ion Ratio Lower Upper
252 100
253 29.6 18.3 27.5#
125 24.7 8.2 12.4#



#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.84 min Scan# 2413
Delta R.T. -0.04 min
Lab File: BN008056.D
Acq: 07 Oct 2019 18:51

Tgt Ion:252 Resp: 22586
Ion Ratio Lower Upper
252 100
253 29.1 18.5 27.7#
125 20.0 8.4 12.6#





#37

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.36 min Scan# 2565

Delta R.T. -0.04 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

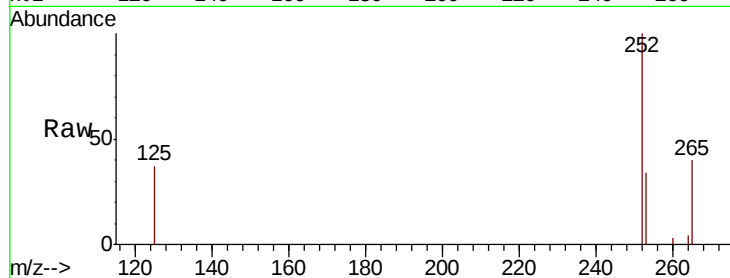
Tot Ion:252 Resp: 20753

Ion Ratio Lower Upper

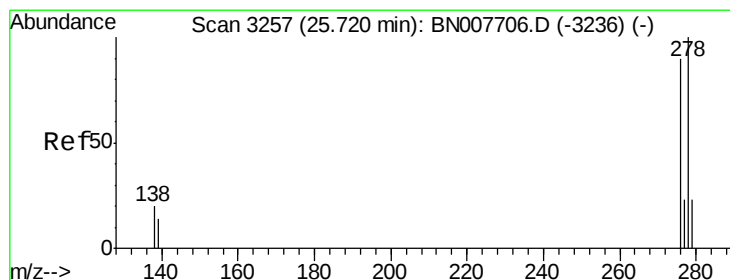
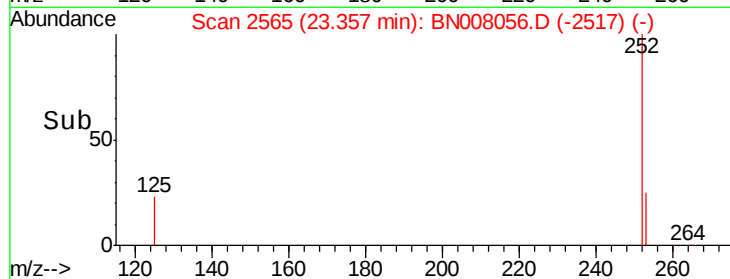
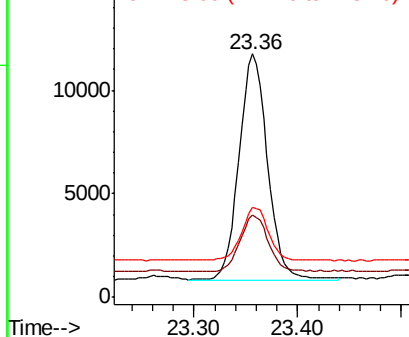
252 100

253 33.6 18.6 27.8#

125 36.8 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: 0.390 ng

RT: 25.67 min Scan# 3241

Delta R.T. -0.05 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

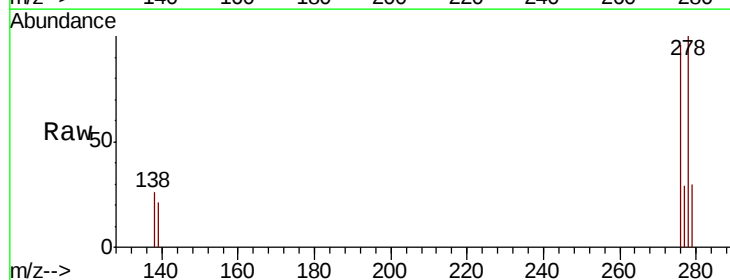
Tgt Ion:278 Resp: 21248

Ion Ratio Lower Upper

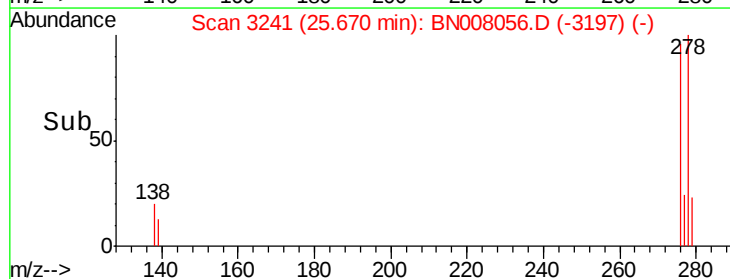
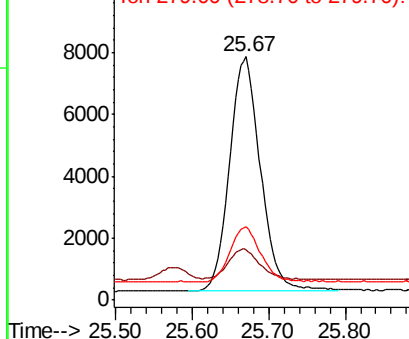
278 100

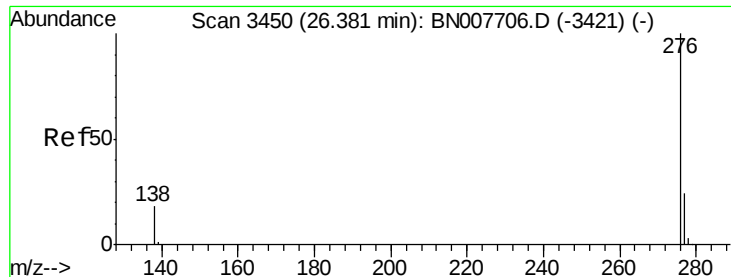
139 20.8 11.8 17.6#

279 29.9 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: 0.405 ng

RT: 26.33 min Scan# 3433

Delta R.T. -0.05 min

Lab File: BN008056.D

Acq: 07 Oct 2019 18:51

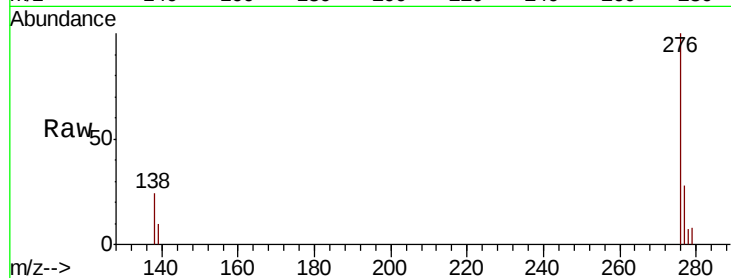
Tot Ion: 276 Resp: 21819

Ion Ratio Lower Upper

276 100

277 28.4 19.8 29.8

138 24.0 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

