

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091819\
 Data File : BN007736.D
 Acq On : 19 Sep 2019 12:08
 Operator : HP/JU
 Sample : K4896-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20190912MS

Quant Time: Sep 19 15:10:54 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	7.70	152	5786	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	22046	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	12887	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	28402	0.40	ng	0.00
27) Chrysene-d12	21.27	240	31253	0.40	ng	0.00
34) Perylene-d12	23.49	264	33823	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.32	112	2324	0.12	ng	0.00
5) Phenol-d6	6.87	99	1875	0.07	ng	0.00
8) Nitrobenzene-d5	8.83	82	6543	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	16031	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1791	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	24121	0.45	ng	0.00
25) Fluoranthene-d10	19.10	212	35942	0.38	ng	0.00
29) Terphenyl-d14	19.71	244	36308	0.47	ng	0.00

Target Compounds

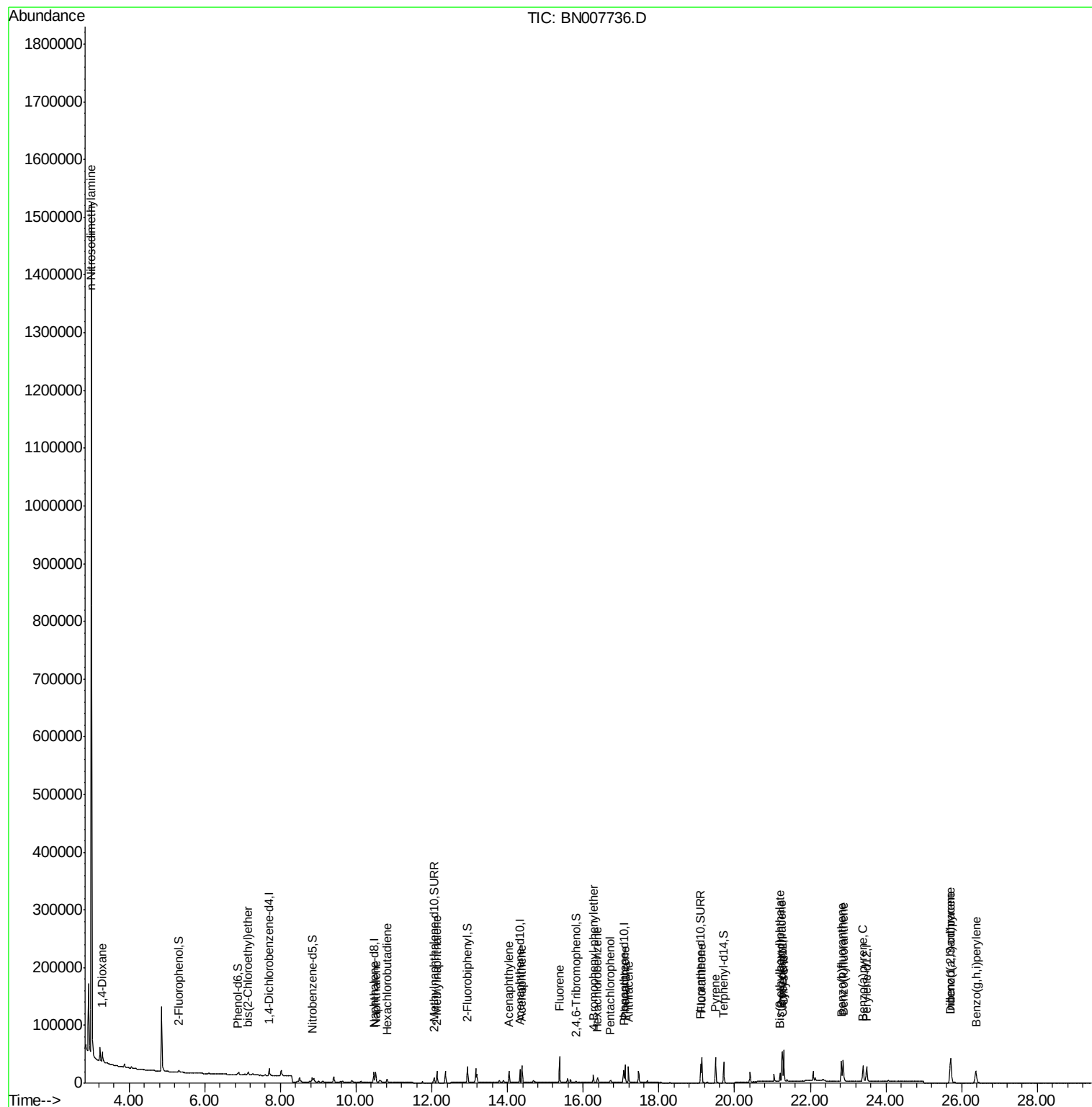
						Qvalue
2) 1,4-Dioxane	3.30	88	13179	2.044	ng	# 87
3) n-Nitrosodimethylamine	3.01	42	106988	36.220	ng	# 70
6) bis(2-Chloroethyl)ether	7.14	93	6109	0.373	ng	96
9) Naphthalene	10.52	128	23001	0.372	ng	100
10) Hexachlorobutadiene	10.82	225	4284	0.329	ng	# 99
12) 2-Methylnaphthalene	12.13	142	15313	0.366	ng	99
16) Acenaphthylene	14.03	152	21947	0.321	ng	100
17) Acenaphthene	14.38	154	14432	0.328	ng	95
18) Fluorene	15.37	166	18898	0.335	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	6665	0.387	ng	# 77
21) Hexachlorobenzene	16.38	284	6785	0.360	ng	97
22) Pentachlorophenol	16.72	266	2247	0.323	ng	96
23) Phenanthrene	17.11	178	33944	0.384	ng	100
24) Anthracene	17.20	178	28637	0.358	ng	100
26) Fluoranthene	19.13	202	39653	0.360	ng	99
28) Pyrene	19.50	202	40020	0.375	ng	100
30) Benzo(a)anthracene	21.25	228	39174	0.340	ng	99
31) Chrysene	21.30	228	41439	0.369	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	14203	0.240	ng	100
33) Indeno(1,2,3-cd)pyrene	25.70	276	49084	0.350	ng	99
35) Benzo(b)fluoranthene	22.82	252	42877	0.365	ng	100
36) Benzo(k)fluoranthene	22.87	252	45077	0.388	ng	99
37) Benzo(a)pyrene	23.39	252	38621	0.350	ng	99
38) Dibenzo(a,h)anthracene	25.71	278	40614	0.360	ng	100
39) Benzo(g,h,i)perylene	26.37	276	41129	0.368	ng	98

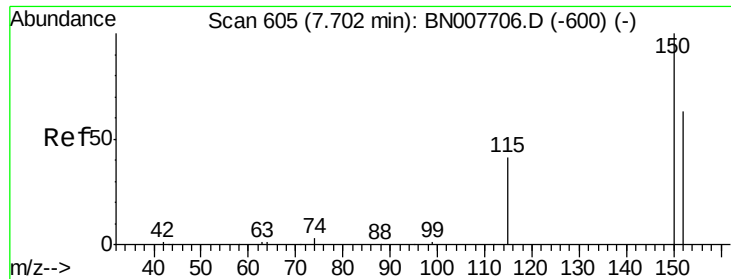
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091819\
Data File : BN007736.D
Acq On : 19 Sep 2019 12:08
Operator : HP/JU
Sample : K4896-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE123D1-20190912MS

Quant Time: Sep 19 15:10:54 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



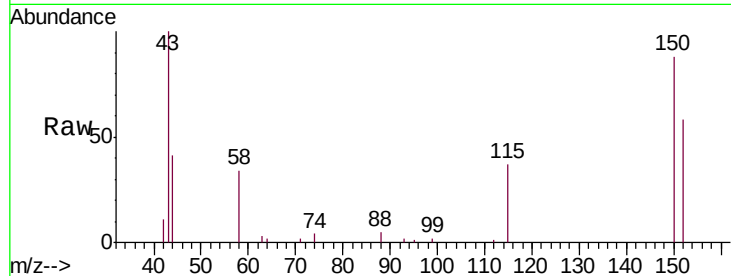


#1

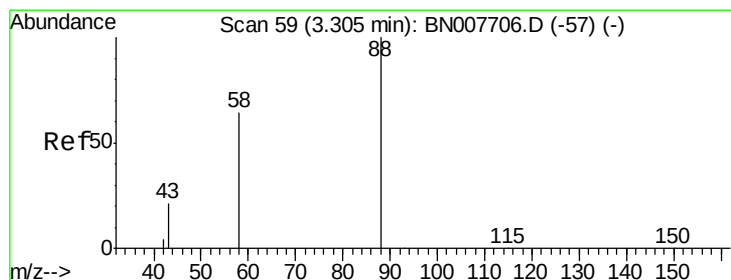
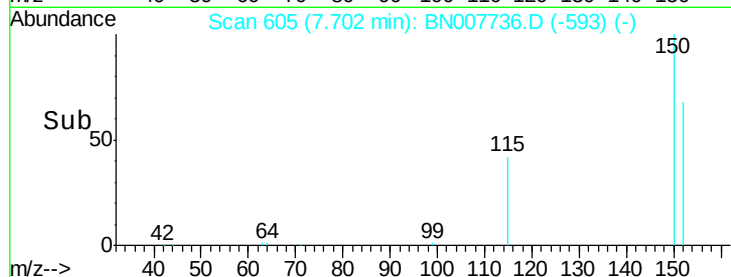
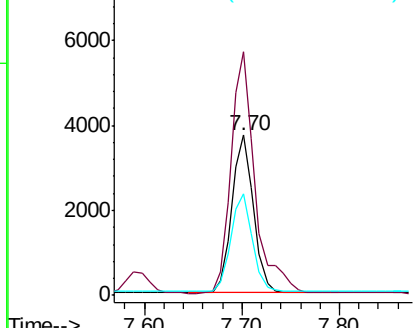
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007736.D
Acq: 19 Sep 2019 12:08

Instrument :
BNA_N
ClientSampleId :
RE123D1-20190912MS

Tgt Ion: 152 Resp: 5786
Ion Ratio Lower Upper
152 100
150 151.9 125.6 188.4
115 63.0 53.3 79.9



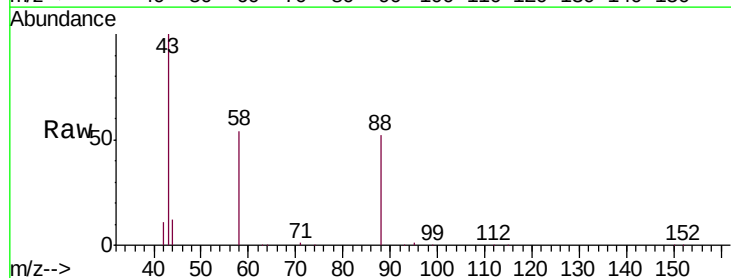
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



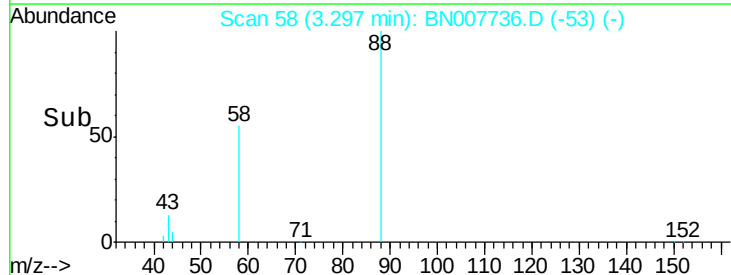
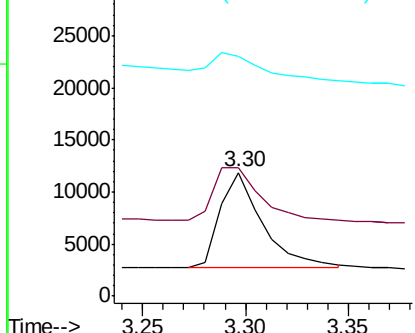
#2

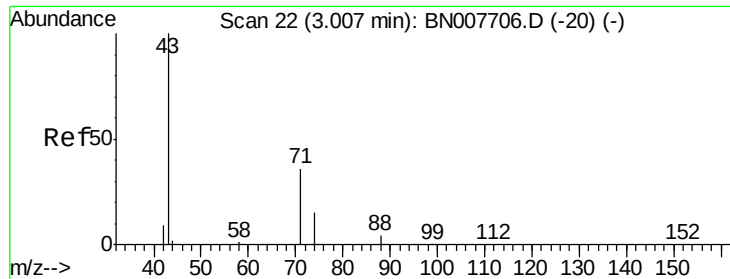
1,4-Dioxane
Concen: 2.044 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007736.D
Acq: 19 Sep 2019 12:08

Tgt Ion: 88 Resp: 13179
Ion Ratio Lower Upper
88 100
58 59.6 44.6 66.8
43 34.8 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: 36.220 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

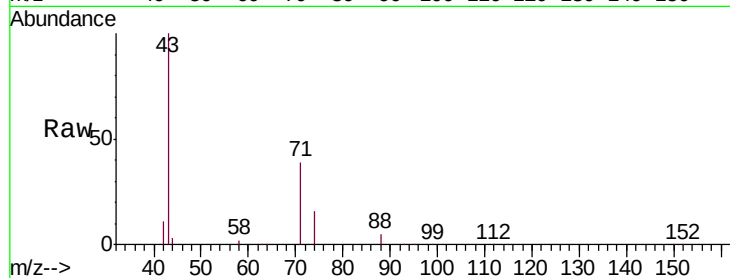
Tgt Ion: 42 Resp: 106988

Ion Ratio Lower Upper

42 100

74 146.3 87.9 131.9#

44 26.8 29.4 44.0#

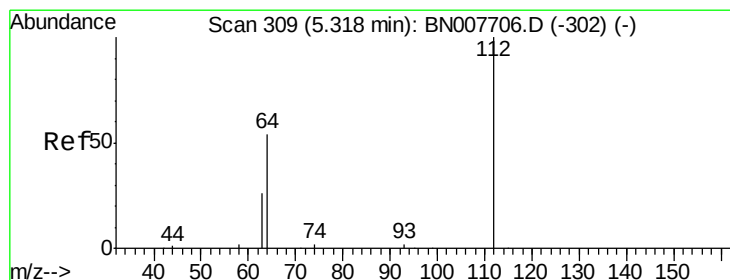
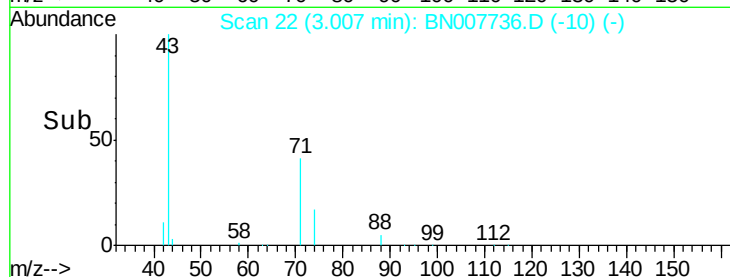


Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

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

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

Time-->



#4

2-Fluorophenol

Concen: 0.117 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

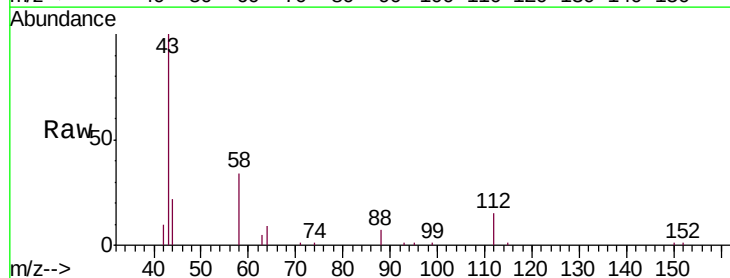
Tgt Ion: 112 Resp: 2324

Ion Ratio Lower Upper

112 100

64 60.8 46.6 70.0

63 30.0 23.1 34.7

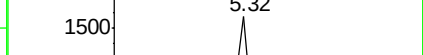
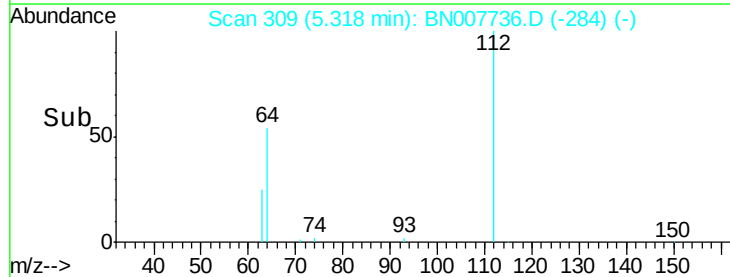


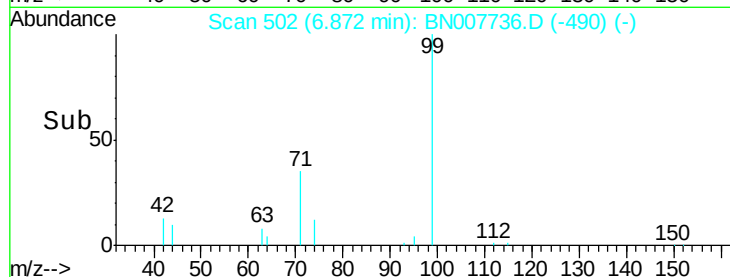
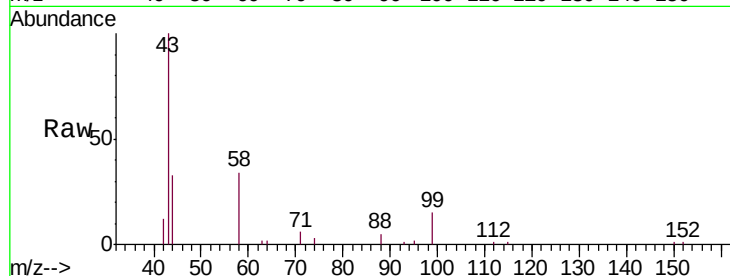
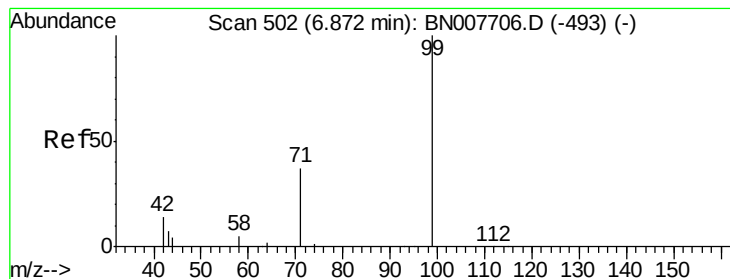
Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

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

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

Time-->





#5

Phenol-d6

Concen: 0.070 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

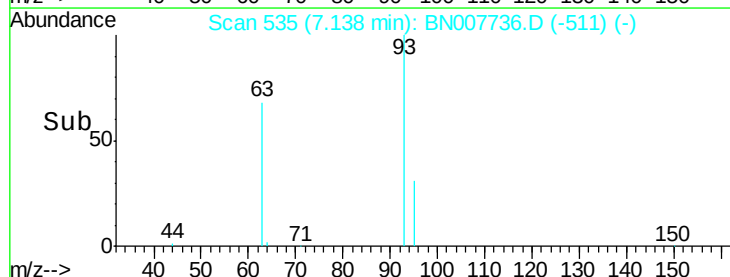
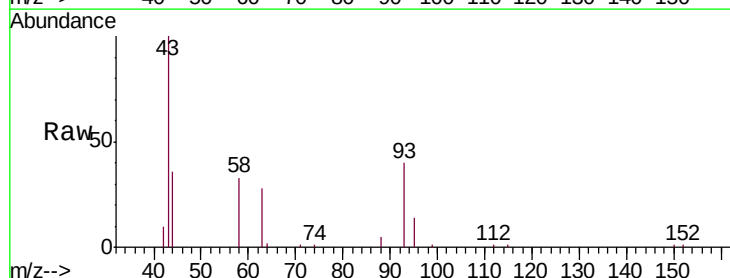
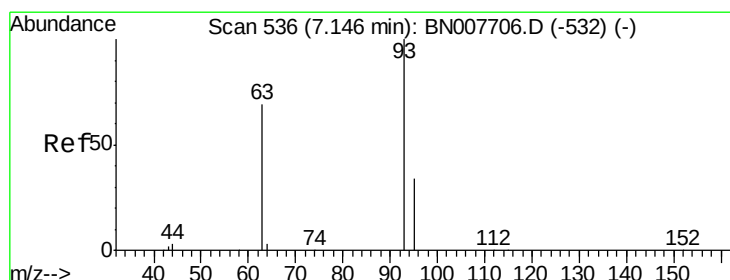
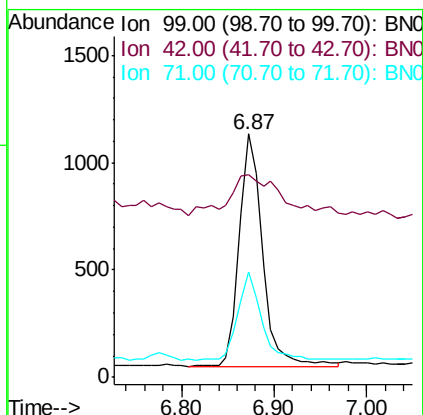
Tgt Ion: 99 Resp: 1875

Ion Ratio Lower Upper

99 100

42 37.9 12.8 19.2#

71 37.7 27.6 41.4



#6

bis(2-Chloroethyl)ether

Concen: 0.373 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

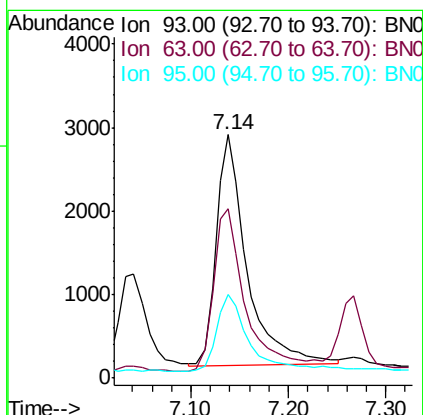
Tgt Ion: 93 Resp: 6109

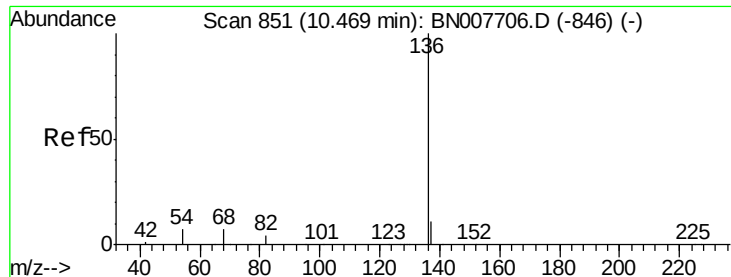
Ion Ratio Lower Upper

93 100

63 73.0 59.3 88.9

95 34.4 31.4 47.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

Tgt Ion:136 Resp: 22046

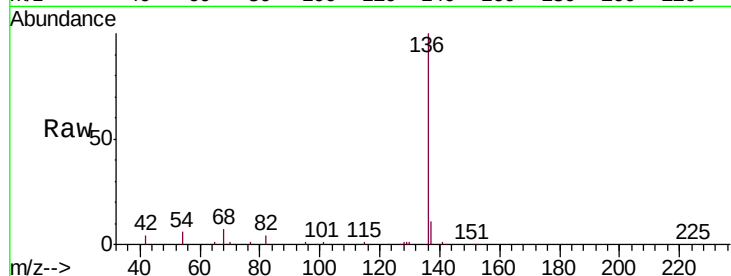
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 5.7 5.8 8.8#

68 6.5 6.5 9.7

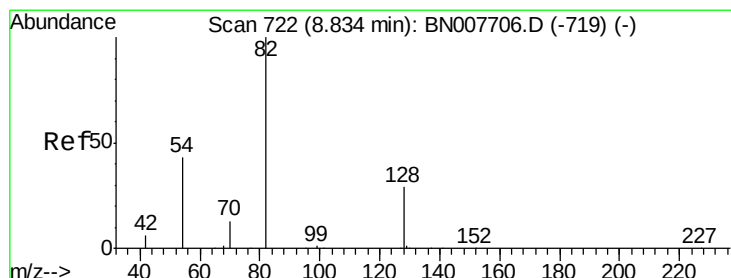
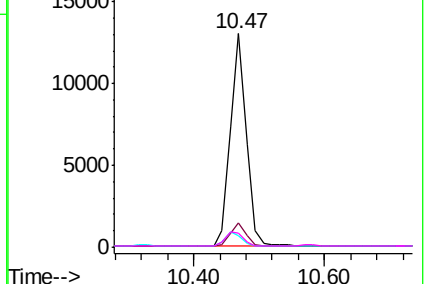
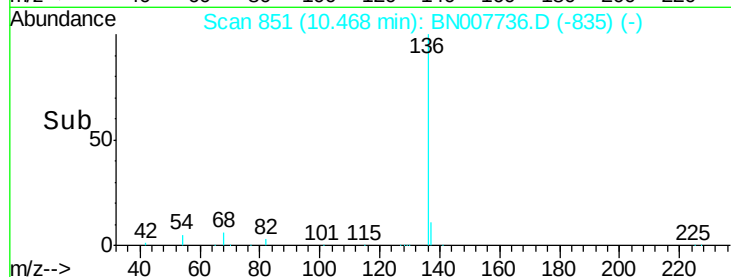


Abundance Ion 136.00 (135.70 to 136.70): E

20000 Ion 137.00 (136.70 to 137.70): E

15000 Ion 54.00 (53.70 to 54.70): BNC

10000 Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

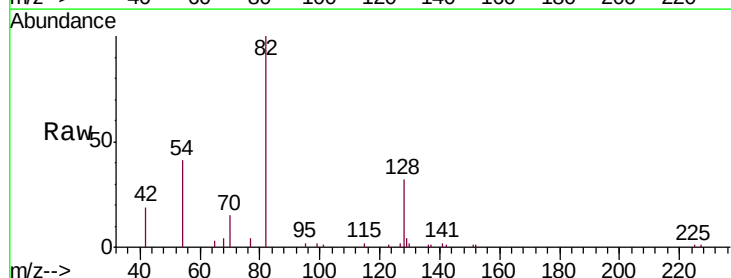
Tgt Ion: 82 Resp: 6543

Ion Ratio Lower Upper

82 100

128 32.0 24.5 36.7

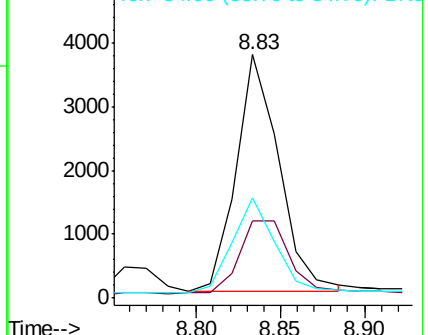
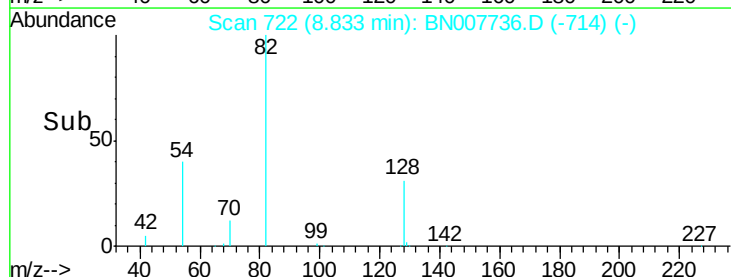
54 41.4 35.2 52.8

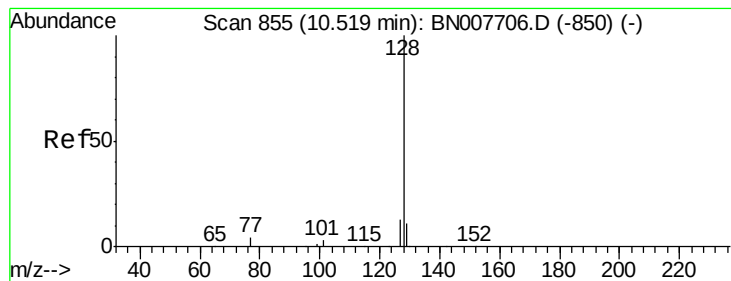


Abundance Ion 82.00 (81.70 to 82.70): BNC

5000 Ion 128.00 (127.70 to 128.70): E

4000 Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.372 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

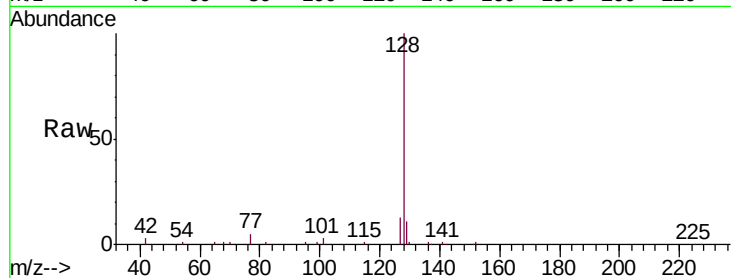
Tgt Ion:128 Resp: 23001

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

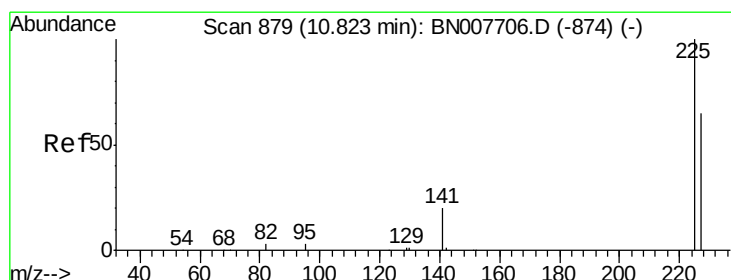
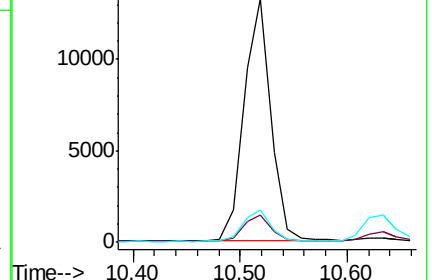
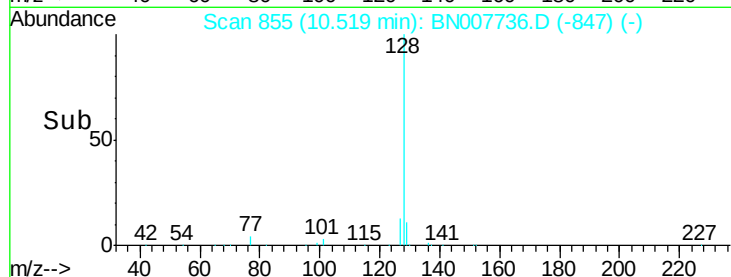
127 13.3 10.6 15.8



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: 0.329 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

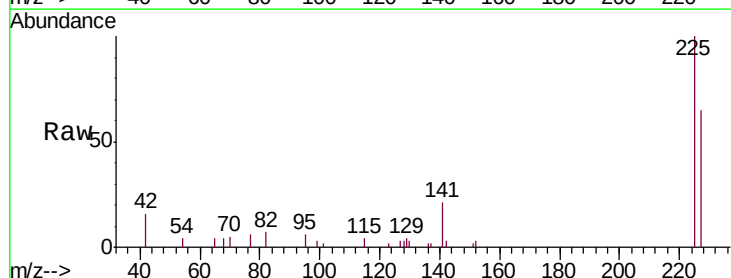
Tgt Ion:225 Resp: 4284

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

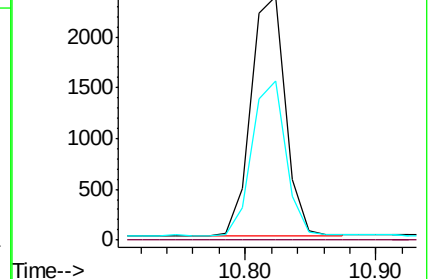
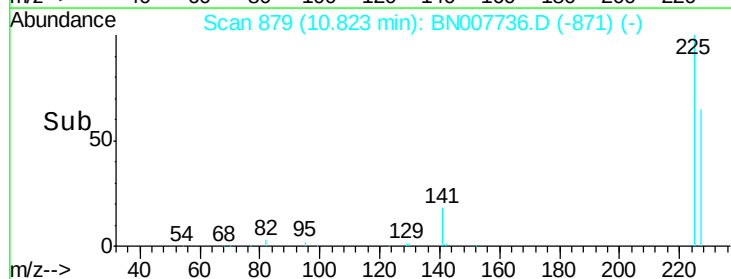
227 63.1 51.2 76.8

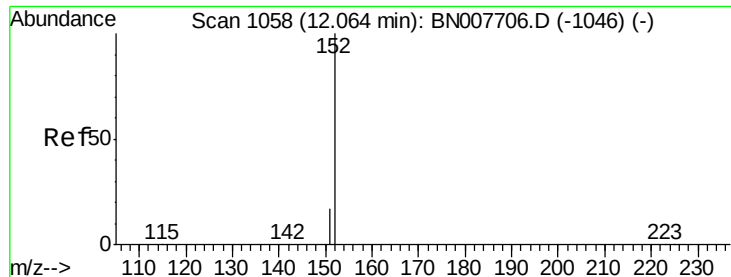


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

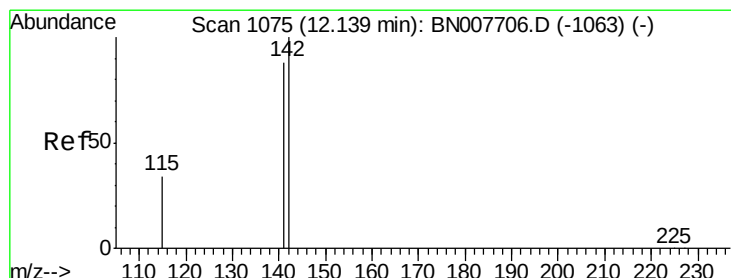
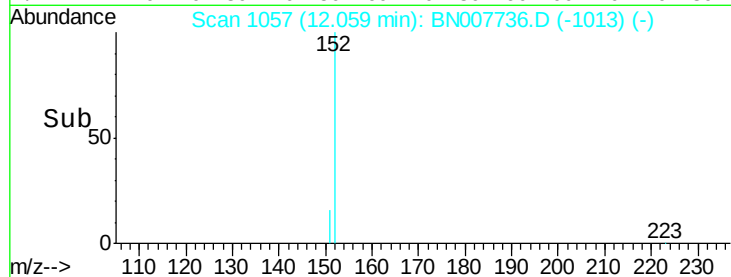
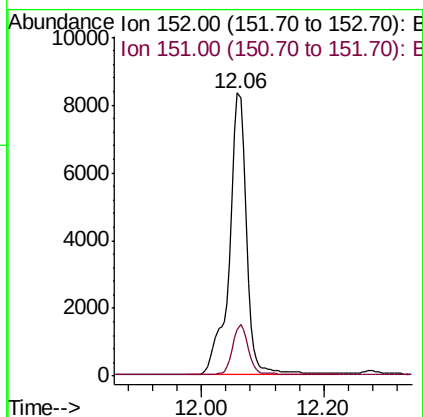
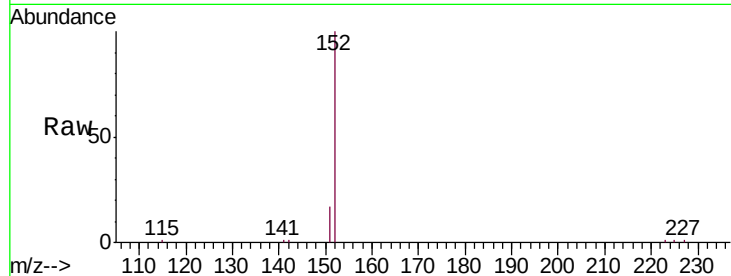




#11
 2-Methylnaphthalene-d10
 Concen: 0.432 ng
 RT: 12.06 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BN007736.D
 Acq: 19 Sep 2019 12:08

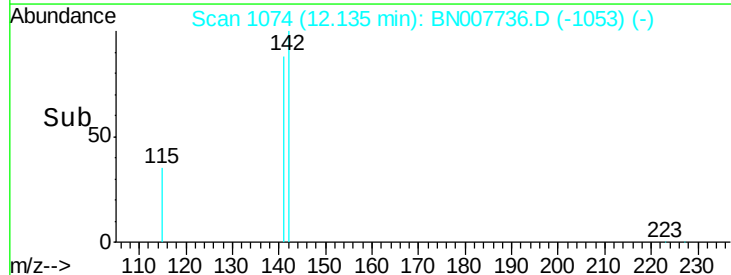
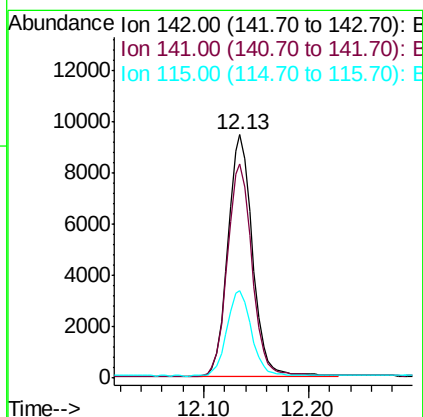
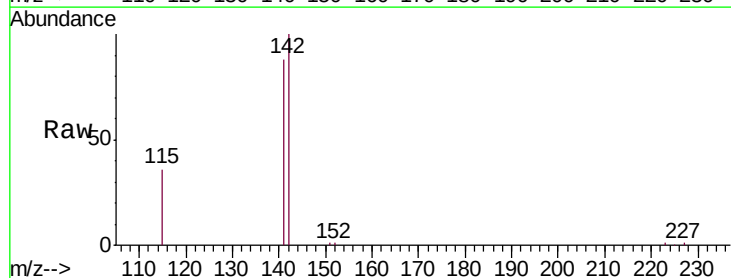
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20190912MS

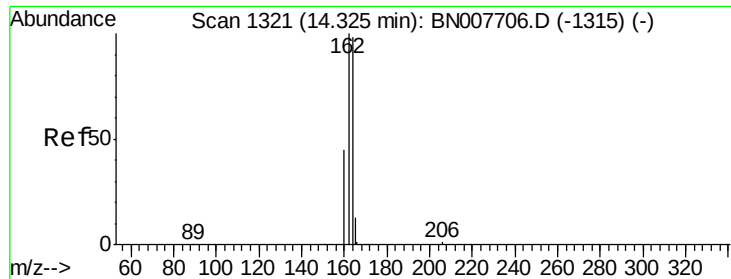
Tgt Ion:152 Resp: 16031
 Ion Ratio Lower Upper
 152 100
 151 16.6 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.366 ng
 RT: 12.13 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BN007736.D
 Acq: 19 Sep 2019 12:08

Tgt Ion:142 Resp: 15313
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.6 106.0
 115 35.7 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

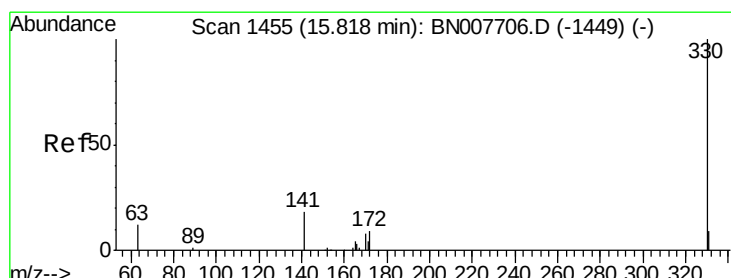
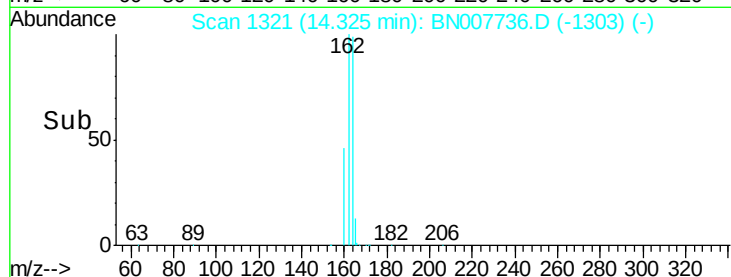
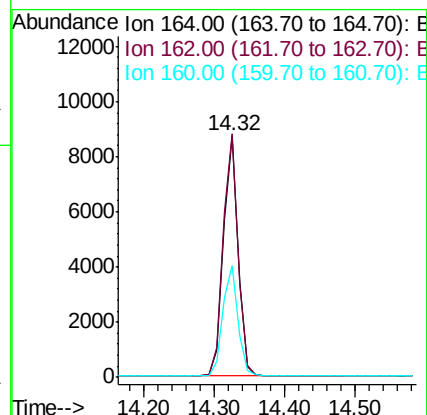
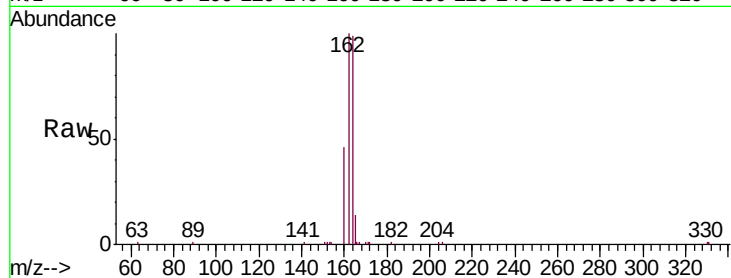
Tgt Ion:164 Resp: 12887

Ion Ratio Lower Upper

164 100

162 100.8 81.7 122.5

160 46.2 37.0 55.4



#14

2,4,6-Tribromophenol

Concen: 0.255 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

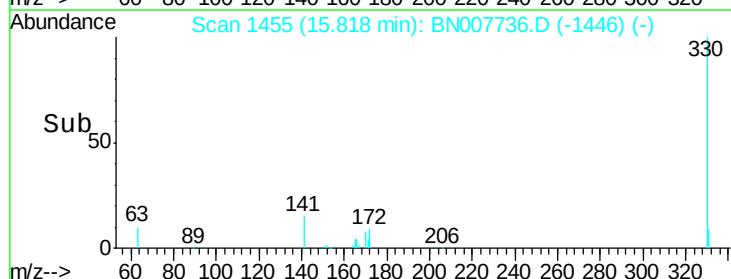
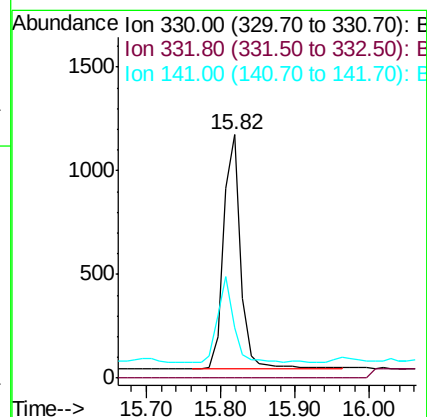
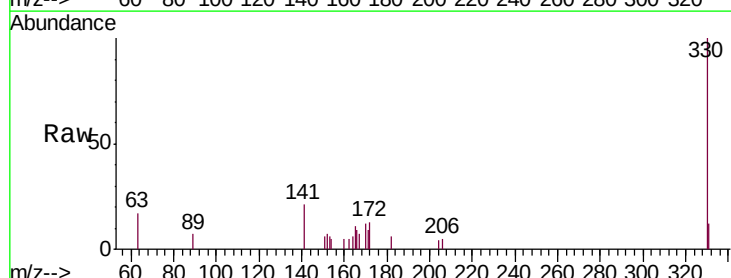
Tgt Ion:330 Resp: 1791

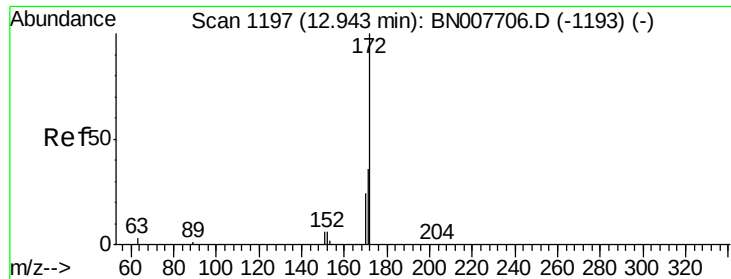
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.6 28.7 43.1

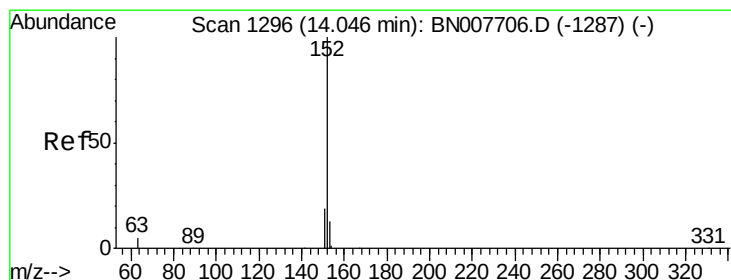
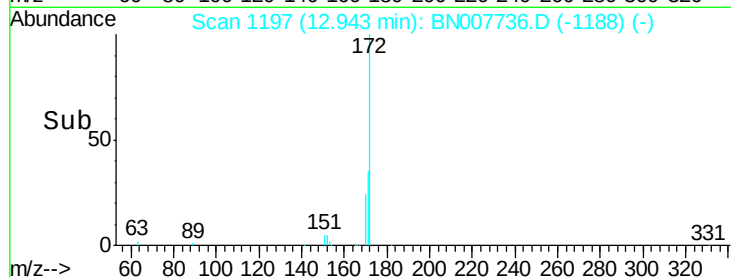
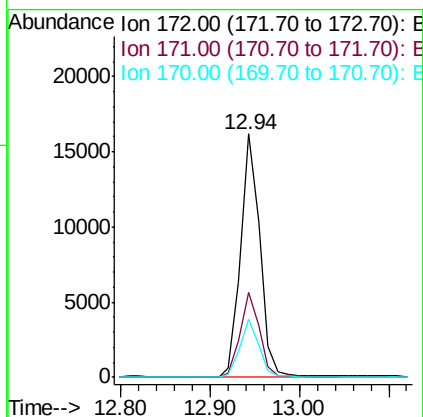
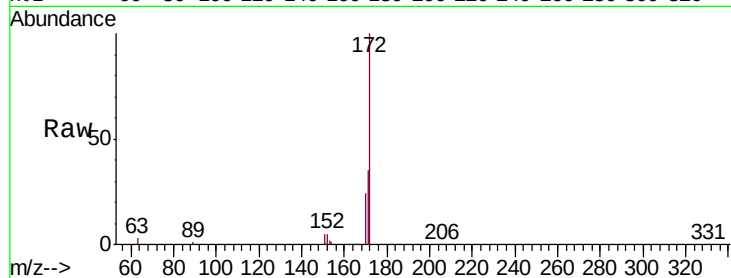




#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007736.D
Acq: 19 Sep 2019 12:08

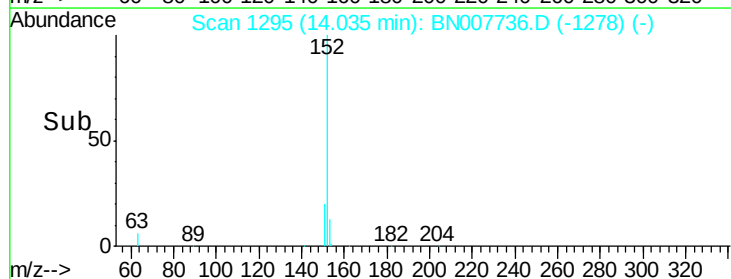
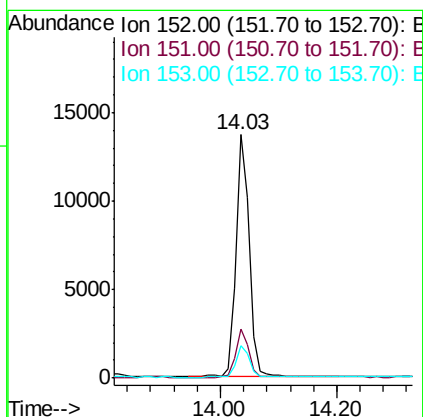
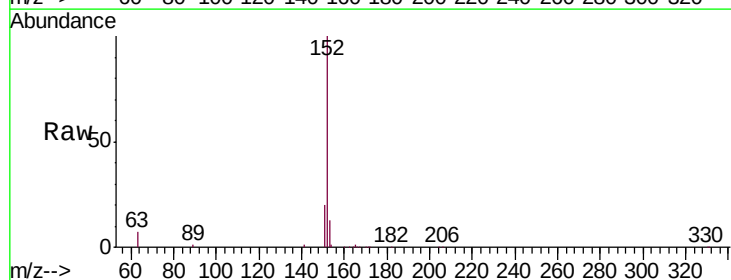
Instrument :
BNA_N
ClientSampleId :
RE123D1-20190912MS

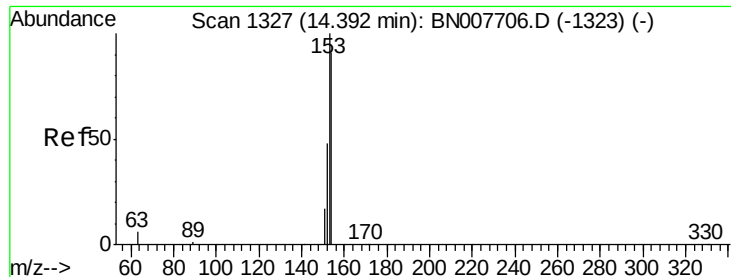
Tgt Ion:	172	Resp:	24121
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.7	19.5	29.3



#16
Acenaphthylene
Concen: 0.321 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007736.D
Acq: 19 Sep 2019 12:08

Tgt Ion:	152	Resp:	21947
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.2	10.4	15.6





#17

Acenaphthene

Concen: 0.328 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

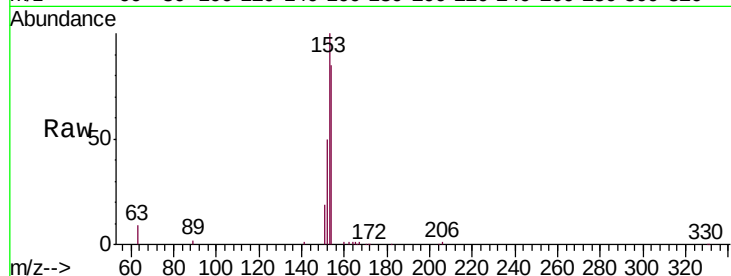
Tgt Ion:154 Resp: 14432

Ion Ratio Lower Upper

154 100

153 113.7 87.0 130.4

152 56.6 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

15000

10000

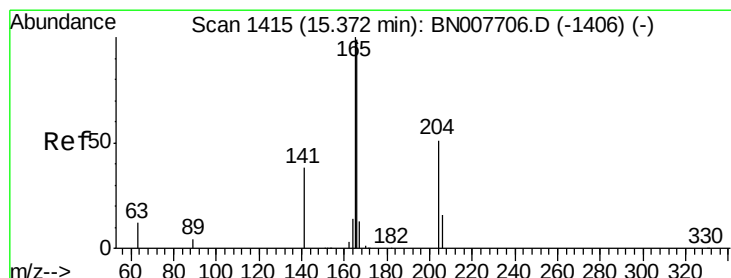
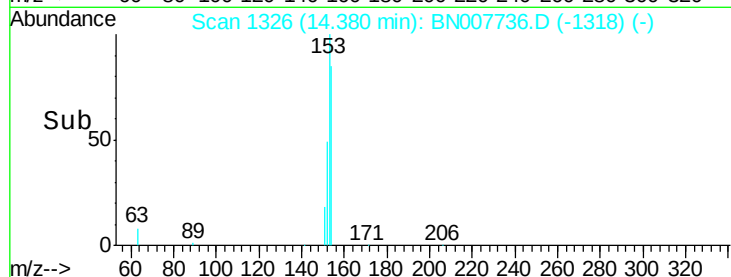
5000

0

14.38

14.30 14.40 14.50

Time-->



#18

Fluorene

Concen: 0.335 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

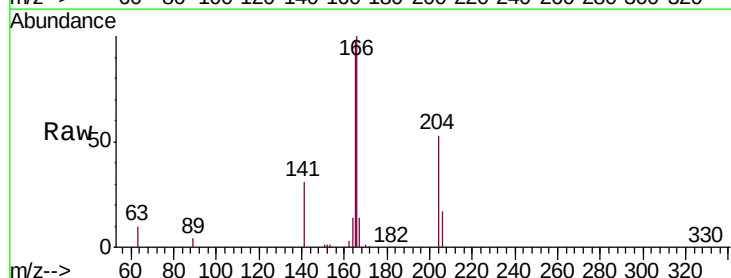
Tgt Ion:166 Resp: 18898

Ion Ratio Lower Upper

166 100

165 97.6 78.0 117.0

167 13.6 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

15000

10000

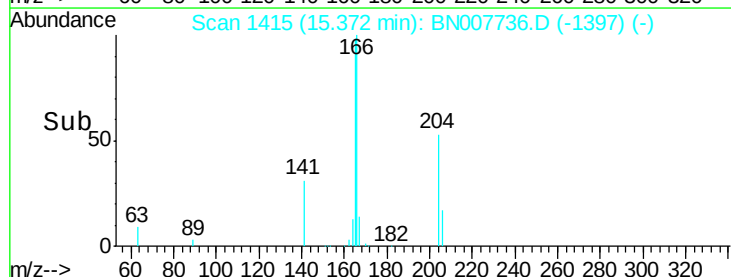
5000

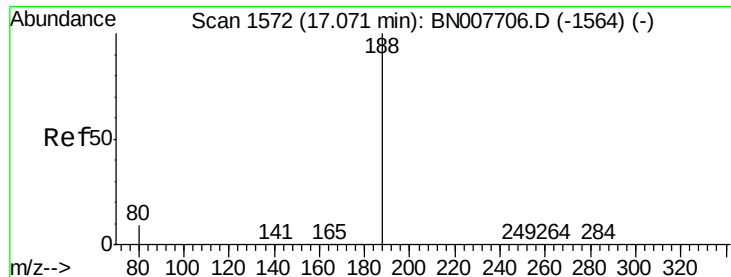
0

15.37

15.20 15.40

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

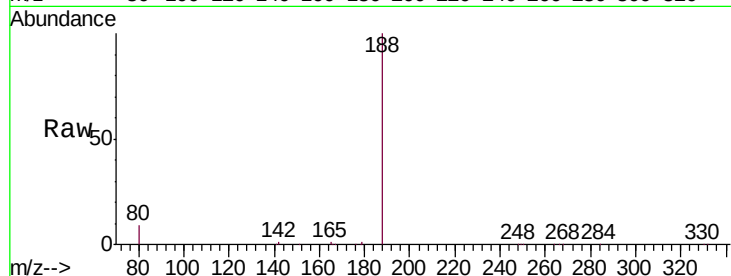
Tgt Ion:188 Resp: 28402

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

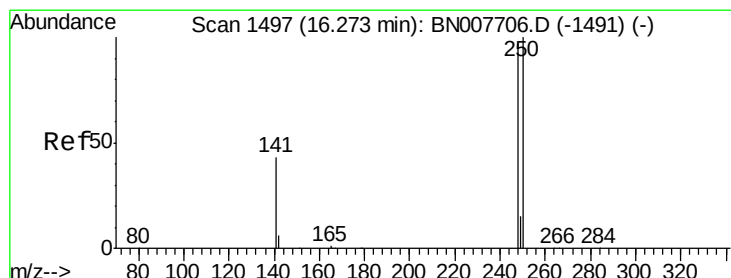
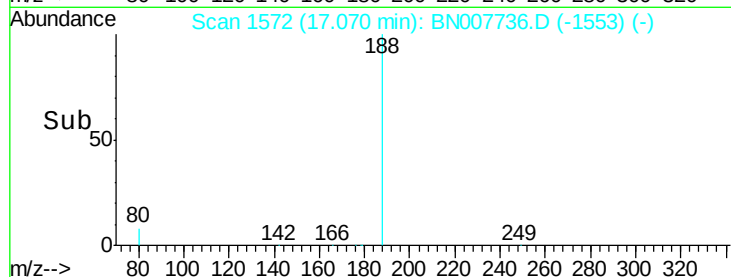
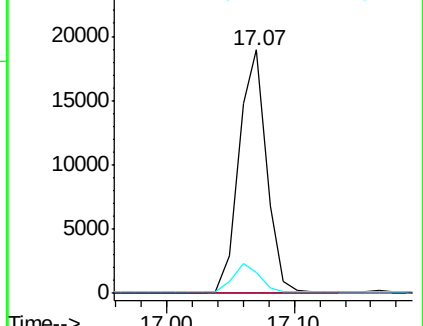
80 8.6 7.4 11.2



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: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

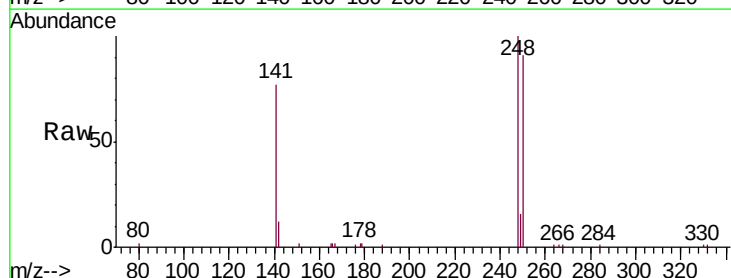
Tgt Ion:248 Resp: 6665

Ion Ratio Lower Upper

248 100

250 90.9 82.2 123.4

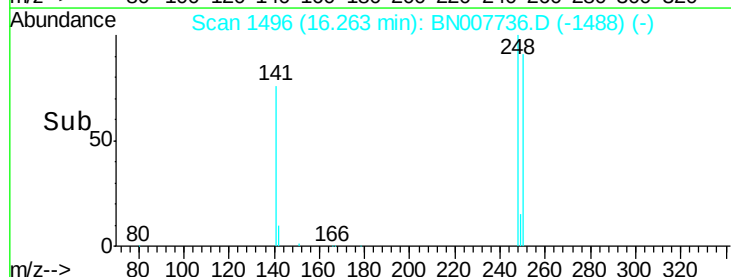
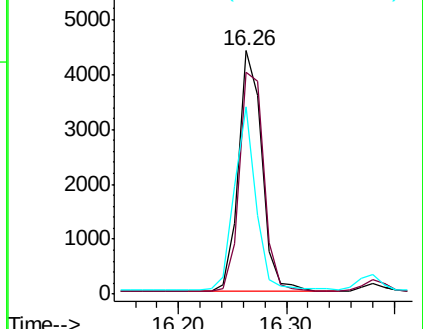
141 76.7 36.3 54.5#

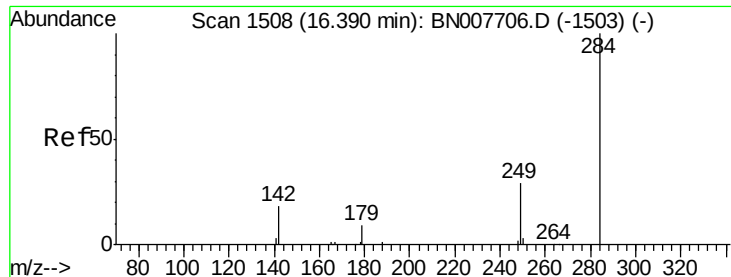


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.360 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

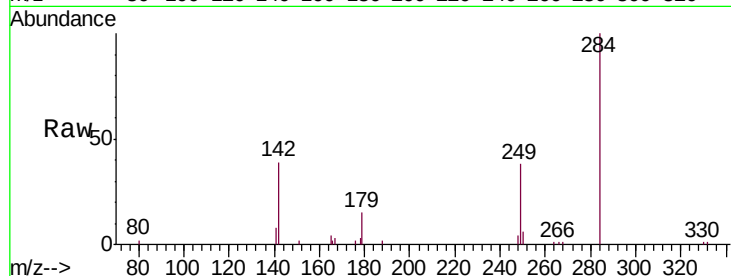
Tgt Ion:284 Resp: 6785

Ion Ratio Lower Upper

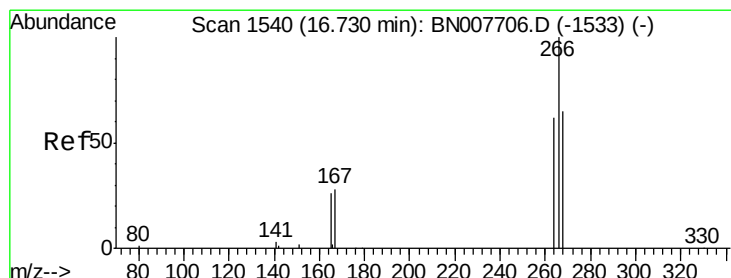
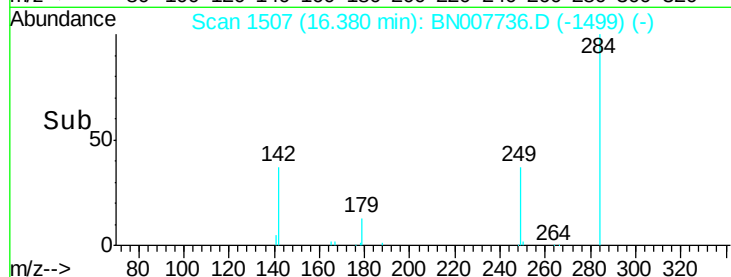
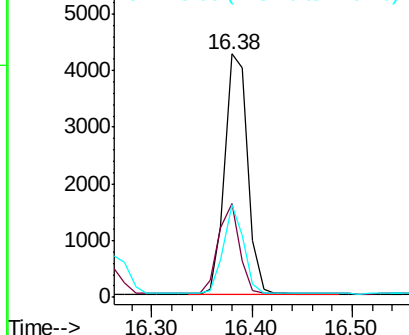
284 100

142 35.0 25.8 38.6

249 32.5 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: 0.323 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

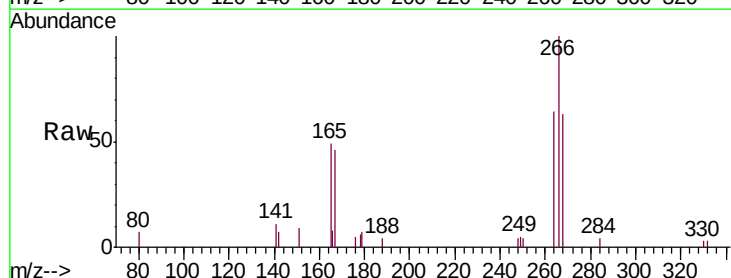
Tgt Ion:266 Resp: 2247

Ion Ratio Lower Upper

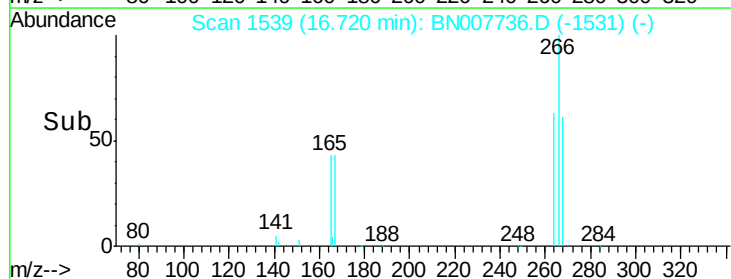
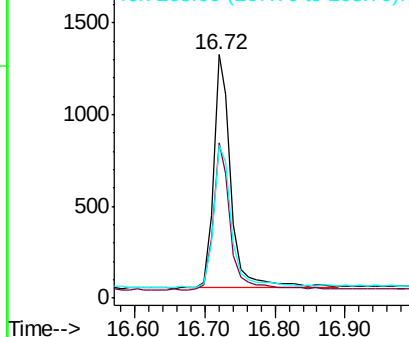
266 100

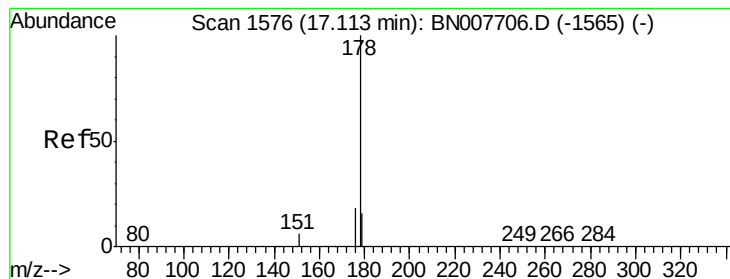
264 63.6 50.0 75.0

268 62.7 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: 0.384 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

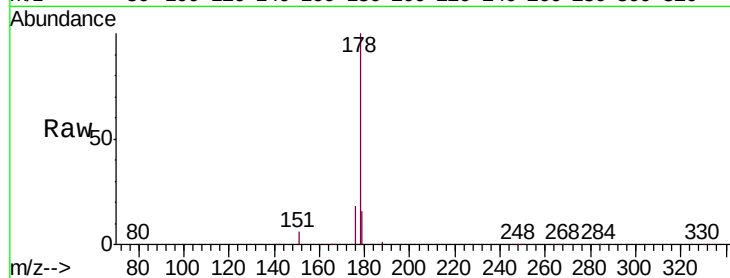
Tgt Ion:178 Resp: 33944

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

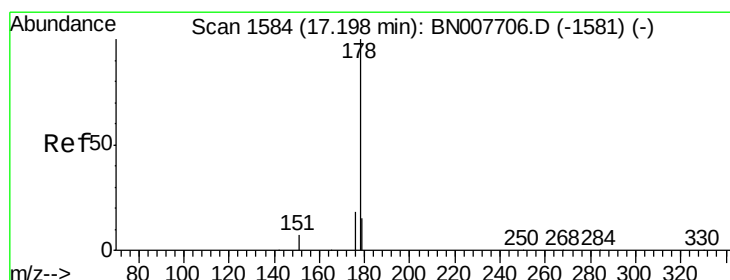
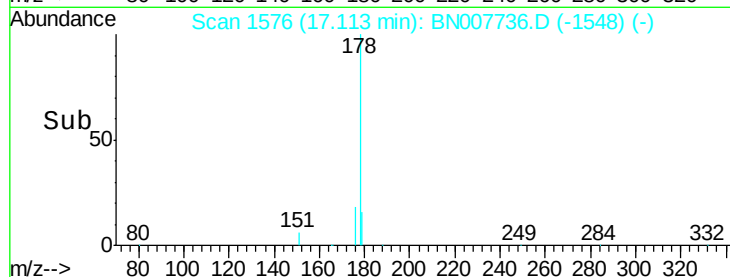
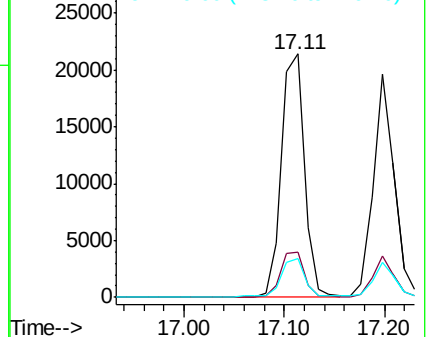
179 15.5 12.5 18.7



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: 0.358 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

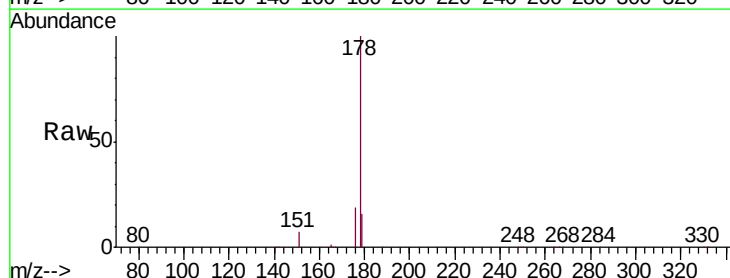
Tgt Ion:178 Resp: 28637

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

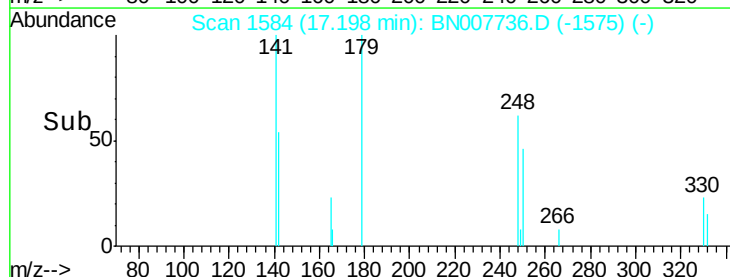
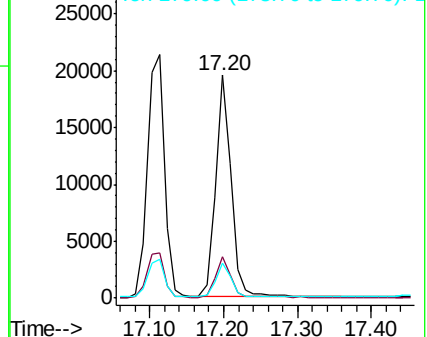
179 15.1 12.2 18.4

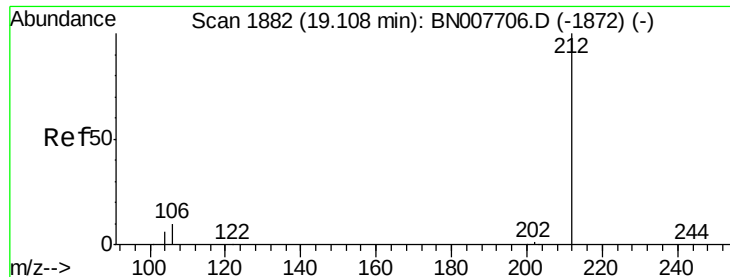


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

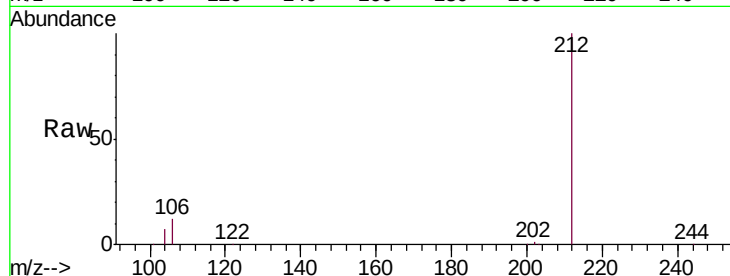
Tgt Ion:212 Resp: 35942

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.0

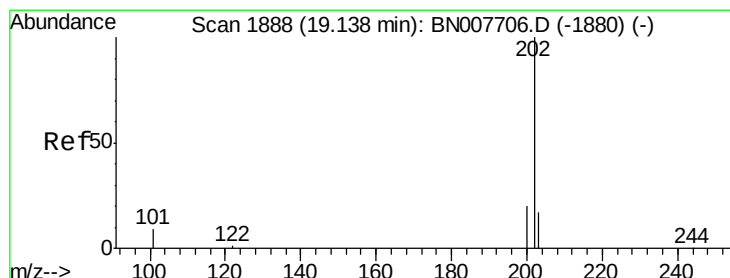
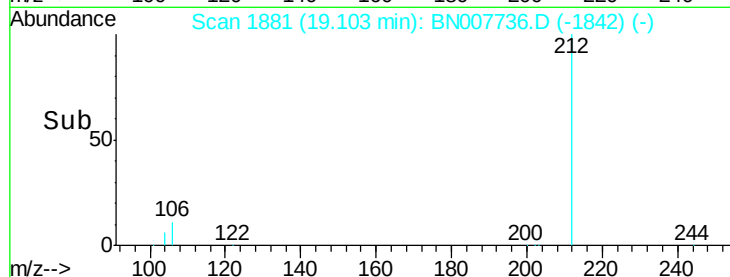
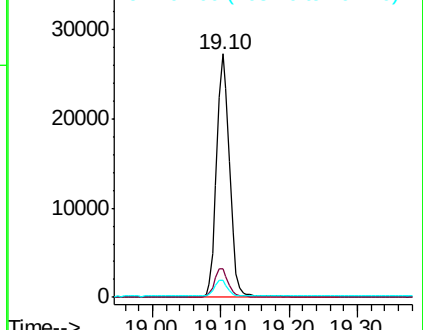
104 6.7 5.3 7.9



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: 0.360 ng

RT: 19.13 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

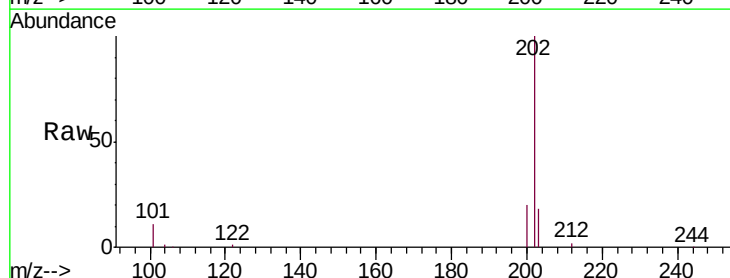
Tgt Ion:202 Resp: 39653

Ion Ratio Lower Upper

202 100

101 10.8 8.4 12.6

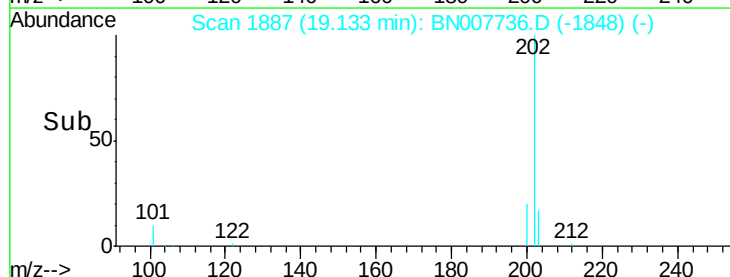
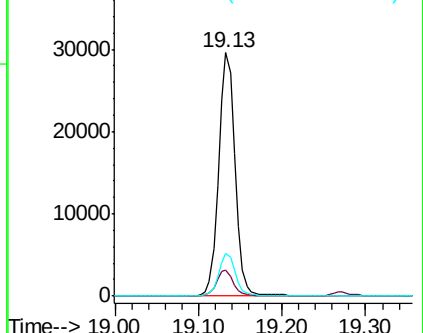
203 17.1 13.8 20.8

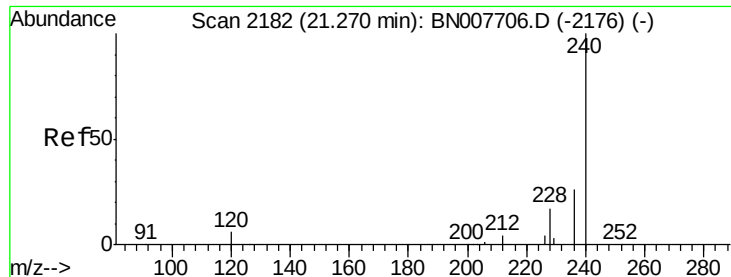


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

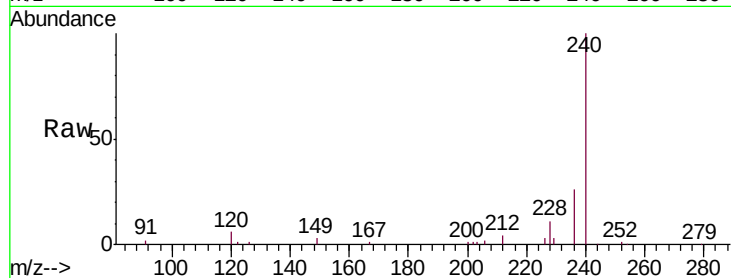
Tgt Ion:240 Resp: 31253

Ion Ratio Lower Upper

240 100

120 5.8 5.4 8.2

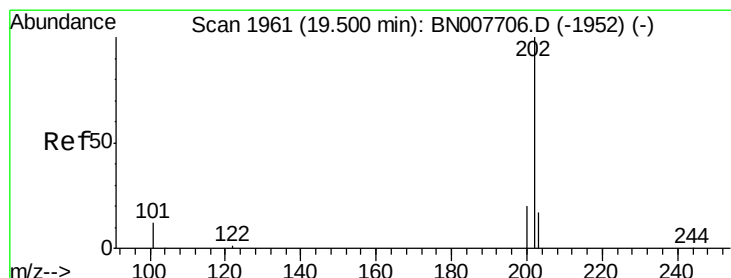
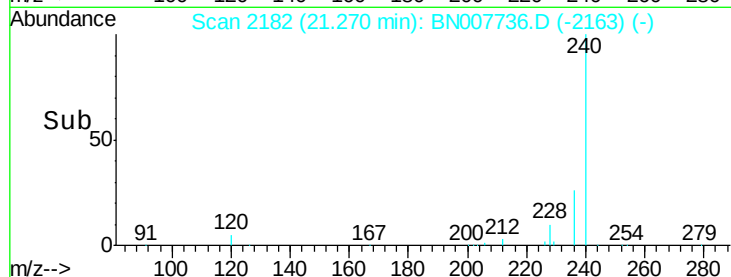
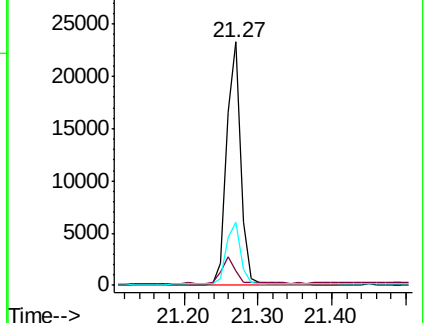
236 25.9 21.0 31.4



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: 0.375 ng

RT: 19.50 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

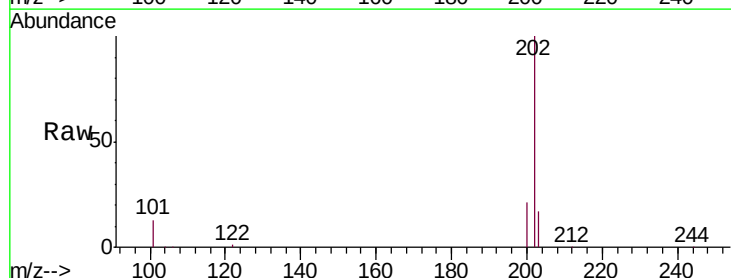
Tgt Ion:202 Resp: 40020

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

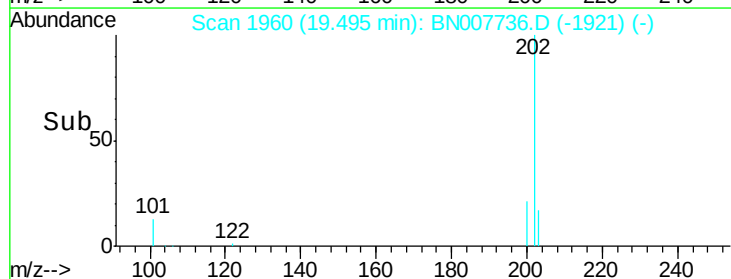
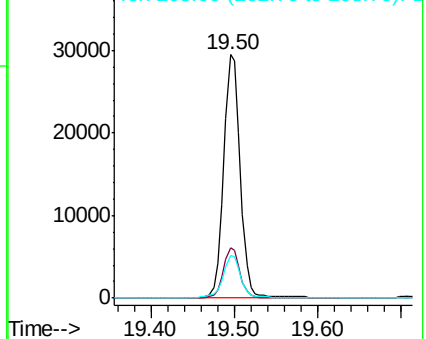
203 17.9 14.1 21.1

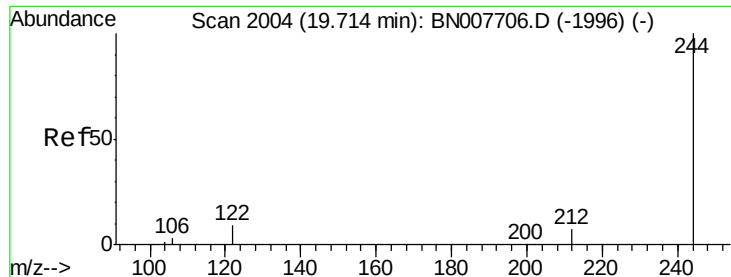


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.473 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

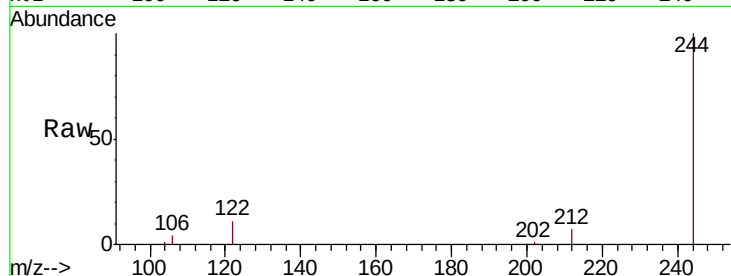
Tgt Ion:244 Resp: 36308

Ion Ratio Lower Upper

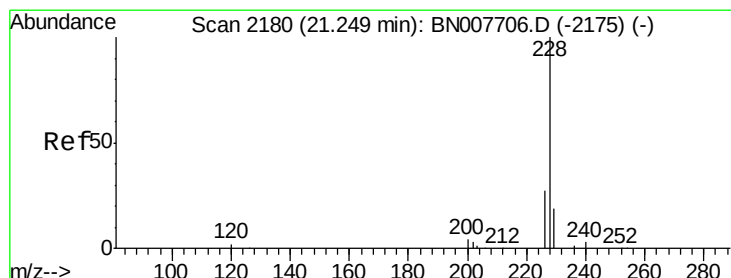
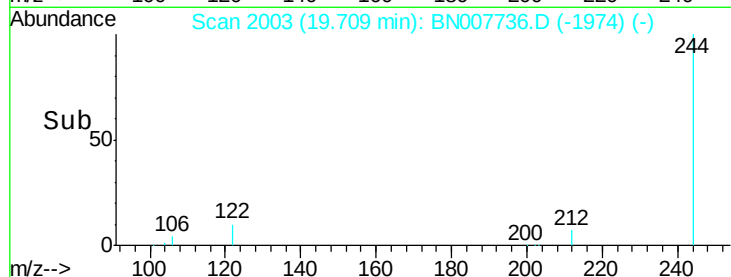
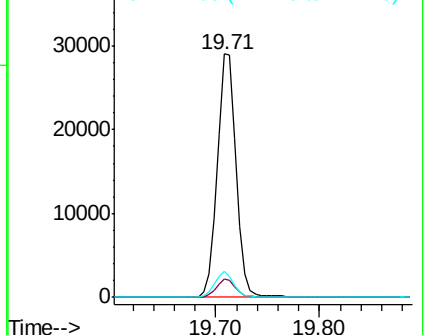
244 100

212 7.4 5.9 8.9

122 10.7 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: 0.340 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

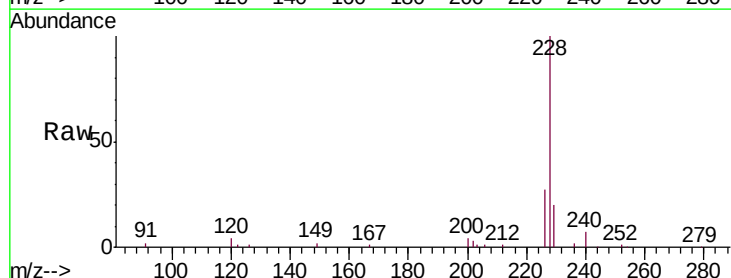
Tgt Ion:228 Resp: 39174

Ion Ratio Lower Upper

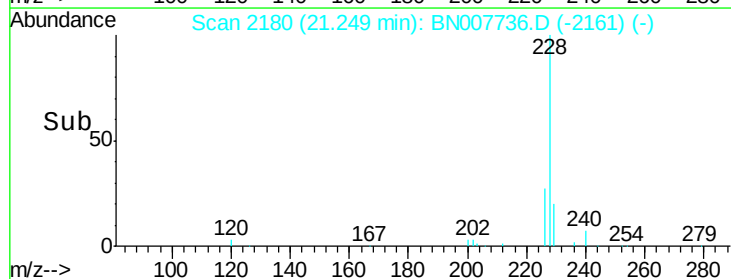
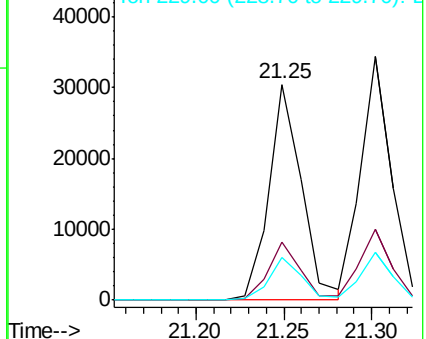
228 100

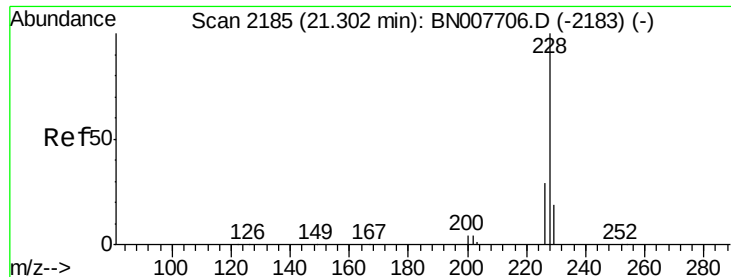
226 27.0 22.1 33.1

229 19.7 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: 0.369 ng

RT: 21.30 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

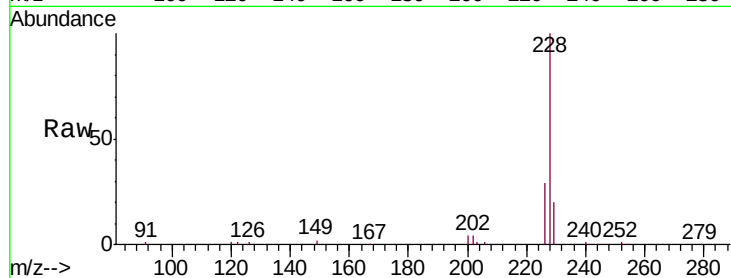
Tgt Ion:228 Resp: 41439

Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

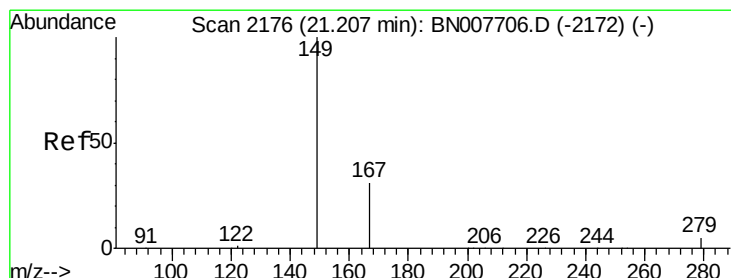
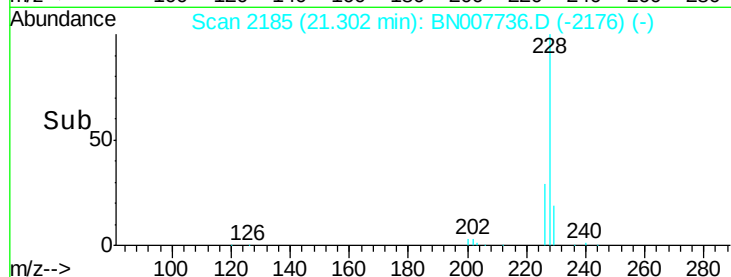
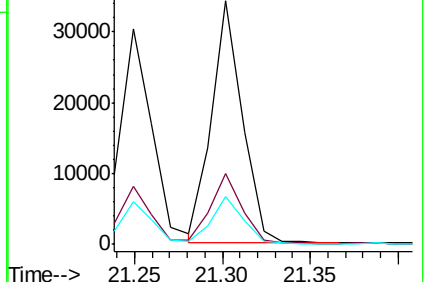
229 19.7 15.8 23.6



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: 0.240 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

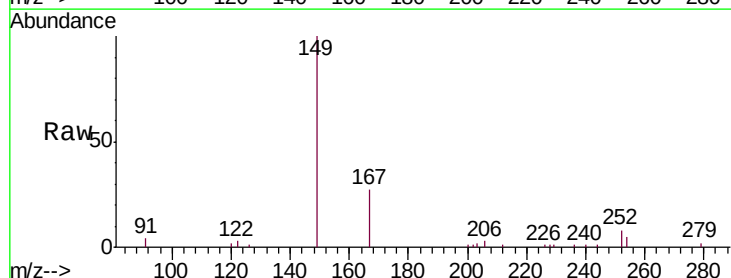
Tgt Ion:149 Resp: 14203

Ion Ratio Lower Upper

149 100

167 29.4 23.7 35.5

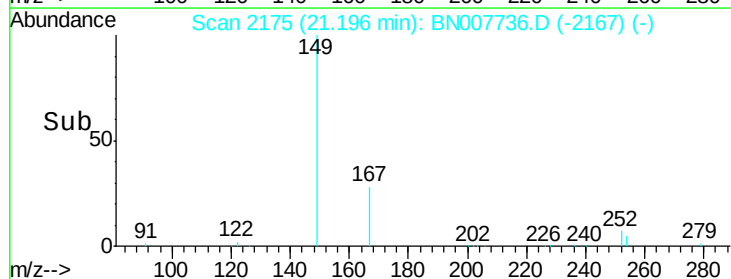
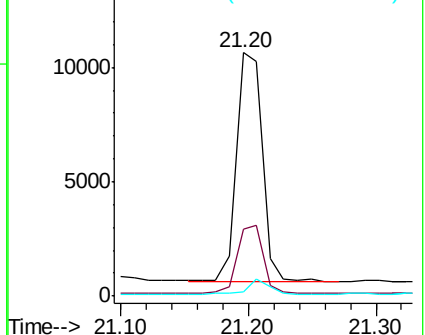
279 5.0 4.2 6.2

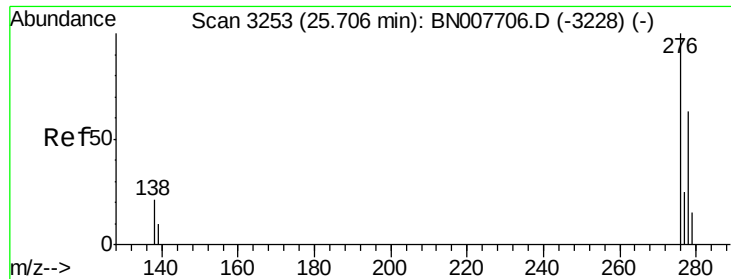


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.350 ng

RT: 25.70 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

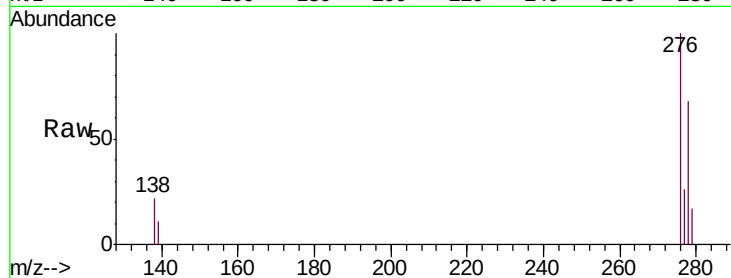
Tgt Ion:276 Resp: 49084

Ion Ratio Lower Upper

276 100

138 22.5 17.1 25.7

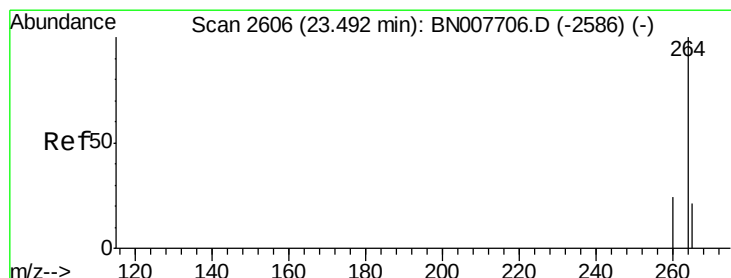
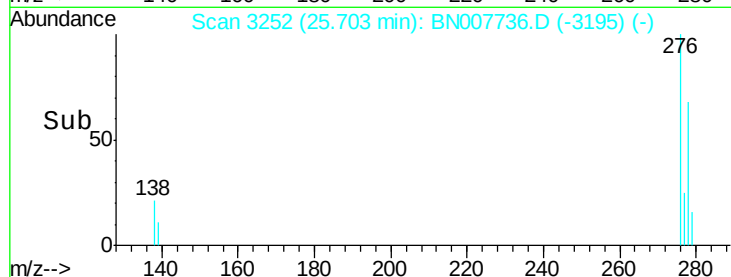
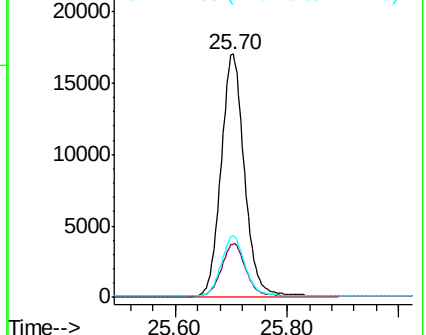
277 24.8 20.0 30.0



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: 23.49 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

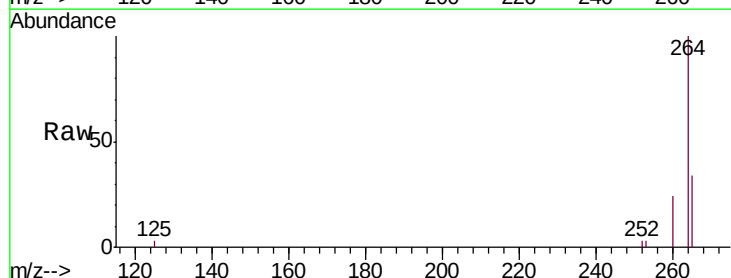
Tgt Ion:264 Resp: 33823

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

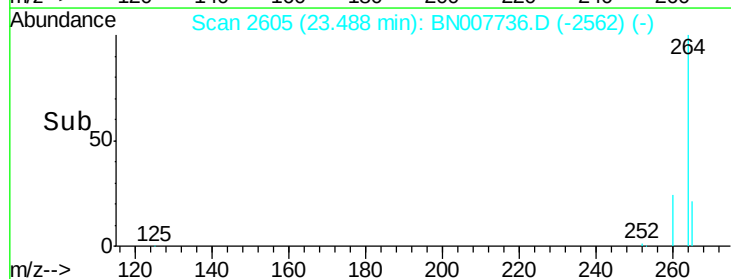
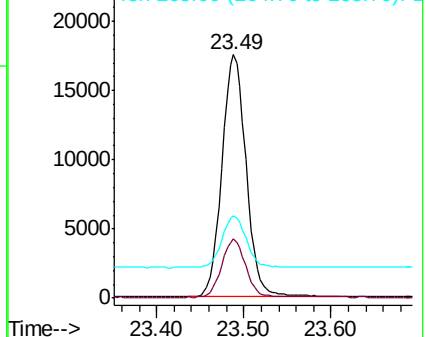
265 33.9 26.9 40.3

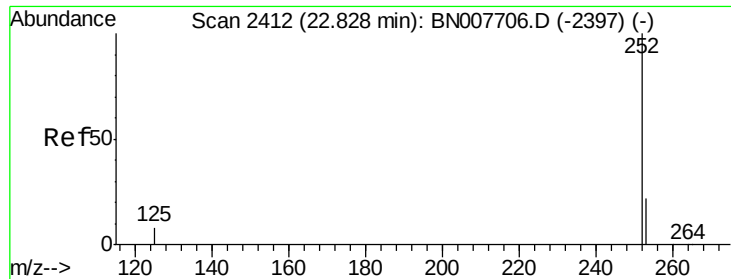


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.365 ng

RT: 22.82 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

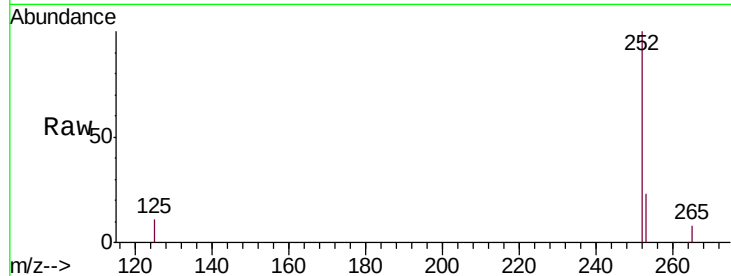
Tgt Ion:252 Resp: 42877

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

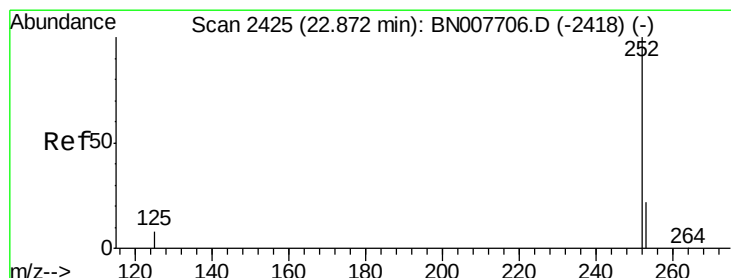
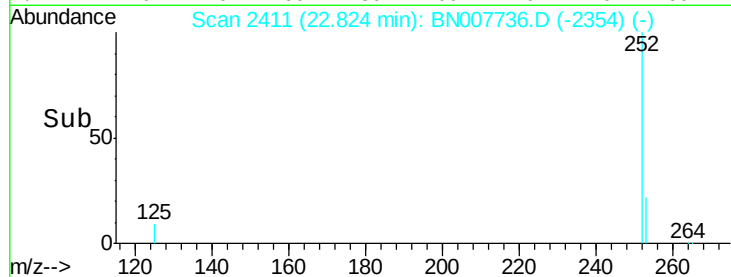
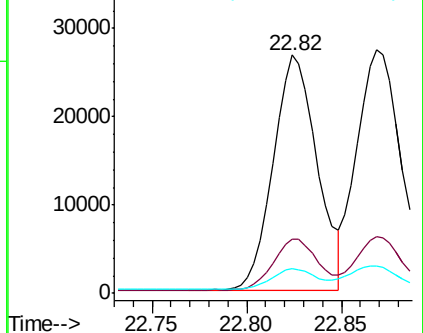
125 10.5 8.2 12.4



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



#36

Benzo(k)fluoranthene

Concen: 0.388 ng

RT: 22.87 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

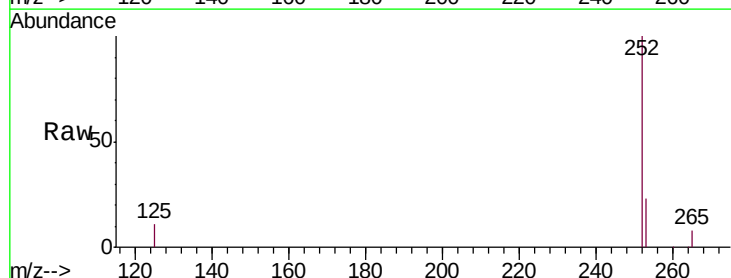
Tgt Ion:252 Resp: 45077

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

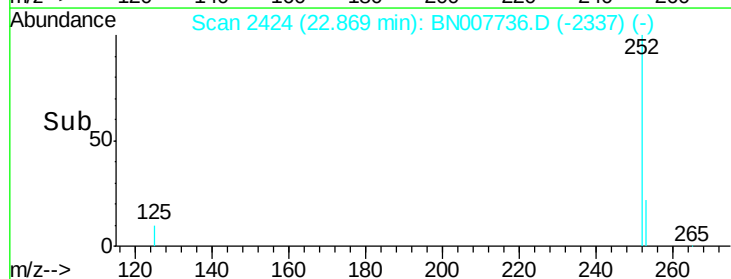
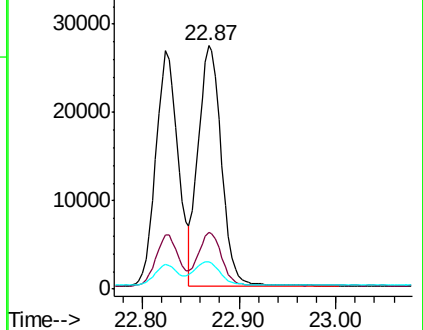
125 11.2 8.4 12.6

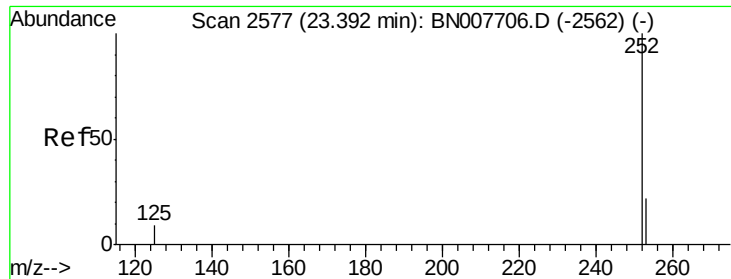


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.350 ng

RT: 23.39 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS

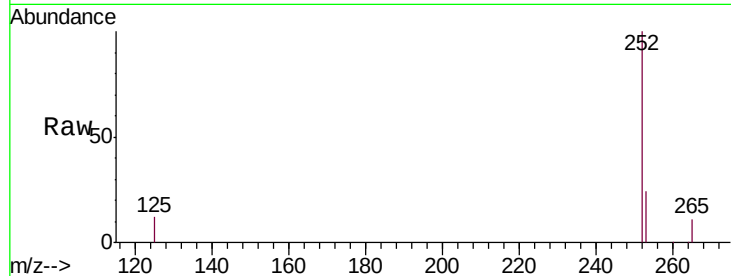
Tgt Ion:252 Resp: 38621

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

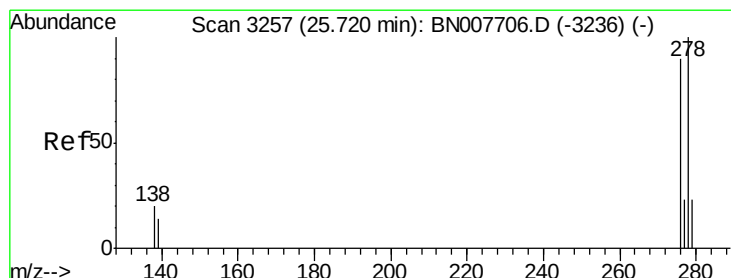
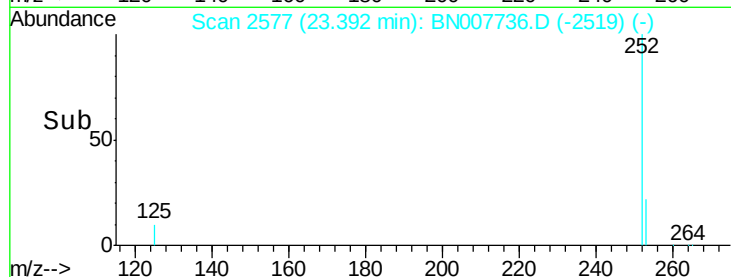
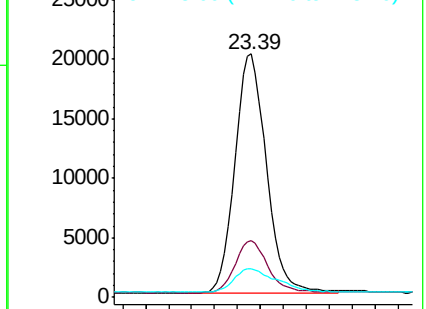
125 11.9 9.4 14.0



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: 0.360 ng

RT: 25.71 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN007736.D

Acq: 19 Sep 2019 12:08

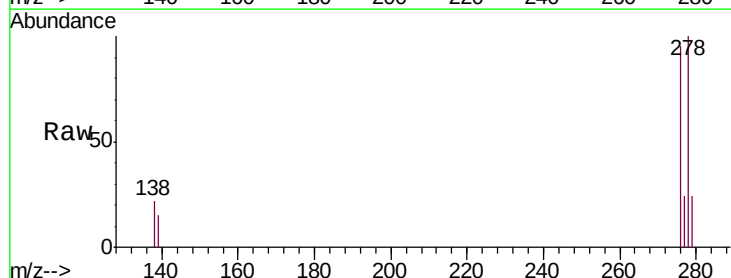
Tgt Ion:278 Resp: 40614

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

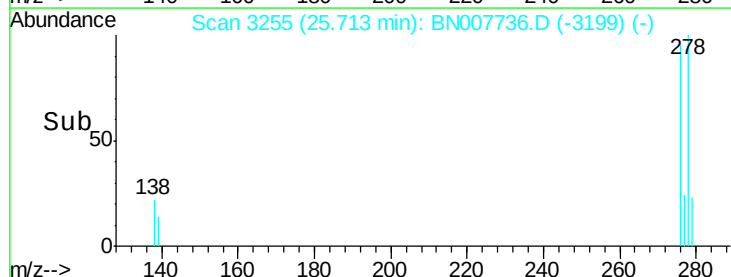
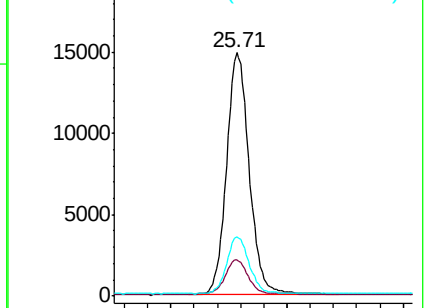
279 24.2 19.4 29.2

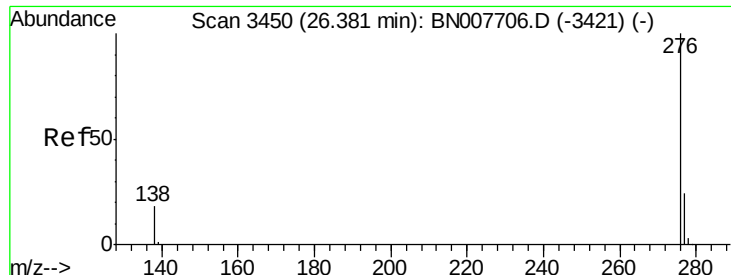


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.368 ng

RT: 26.37 min Scan# 3448

Delta R.T. -0.01 min

Lab File: BN007736.D

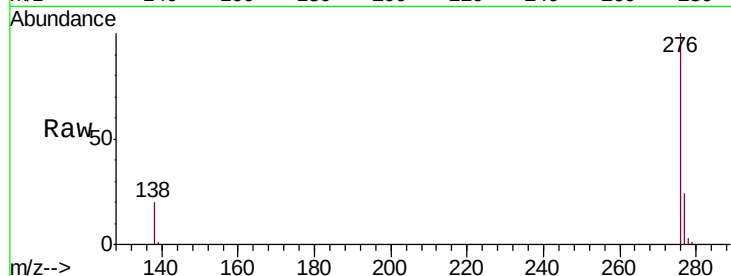
Acq: 19 Sep 2019 12:08

Instrument :

BNA_N

ClientSampleId :

RE123D1-20190912MS



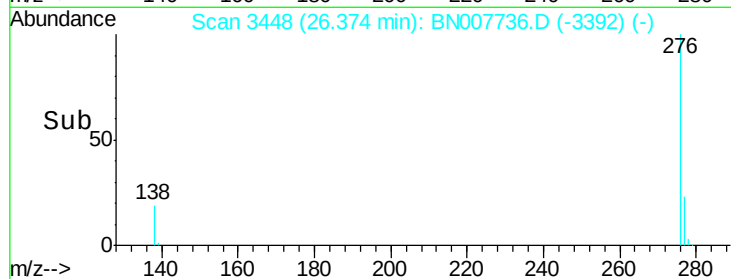
Tgt Ion: 276 Resp: 41129

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 19.7 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

