

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007730.D
 Acq On : 19 Sep 2019 05:50
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 19 07:15:54 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	5851	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	22855	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	13886	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	30697	0.40	ng	0.00
27) Chrysene-d12	21.26	240	35661	0.40	ng	-0.01
34) Perylene-d12	23.48	264	39487	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	6407	0.32	ng	0.00
5) Phenol-d6	6.87	99	8229	0.33	ng	0.00
8) Nitrobenzene-d5	8.83	82	7660	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14822	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2171	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	23427	0.41	ng	0.00
25) Fluoranthene-d10	19.10	212	38870	0.38	ng	0.00
29) Terphenyl-d14	19.71	244	36680	0.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	2421	0.371	ng	# 79
3) n-Nitrosodimethylamine	3.01	42	1711	0.573	ng	# 93
6) bis(2-Chloroethyl)ether	7.14	93	6321	0.382	ng	98
9) Naphthalene	10.52	128	25815	0.402	ng	100
10) Hexachlorobutadiene	10.82	225	5378	0.398	ng	# 100
12) 2-Methylnaphthalene	12.13	142	17085	0.394	ng	99
16) Acenaphthylene	14.04	152	25582	0.347	ng	100
17) Acenaphthene	14.39	154	17040	0.359	ng	96
18) Fluorene	15.37	166	21831	0.359	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	7327	0.393	ng	# 73
21) Hexachlorobenzene	16.38	284	8482	0.416	ng	98
22) Pentachlorophenol	16.72	266	2327	0.310	ng	96
23) Phenanthrene	17.11	178	38389	0.401	ng	100
24) Anthracene	17.20	178	32118	0.372	ng	100
26) Fluoranthene	19.13	202	46026	0.387	ng	100
28) Pyrene	19.50	202	46411	0.382	ng	100
30) Benzo(a)anthracene	21.25	228	47336	0.360	ng	98
31) Chrysene	21.30	228	52135	0.407	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	15785	0.234	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	63714	0.398	ng	99
35) Benzo(b)fluoranthene	22.82	252	51094	0.373	ng	99
36) Benzo(k)fluoranthene	22.87	252	55709	0.411	ng	99
37) Benzo(a)pyrene	23.39	252	46951	0.364	ng	100
38) Dibenzo(a,h)anthracene	25.71	278	51641	0.392	ng	100
39) Benzo(g,h,i)perylene	26.37	276	49480	0.379	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

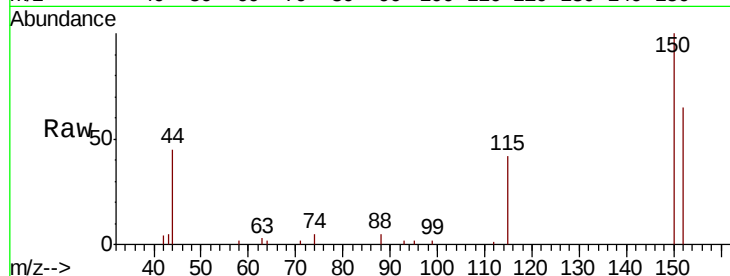
Tot Ion:152 Resp: 5851

Ion Ratio Lower Upper

152 100

150 153.9 125.6 188.4

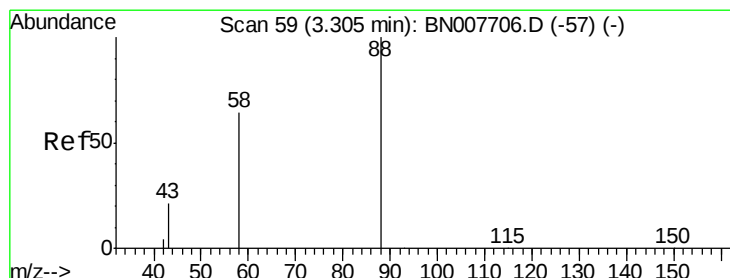
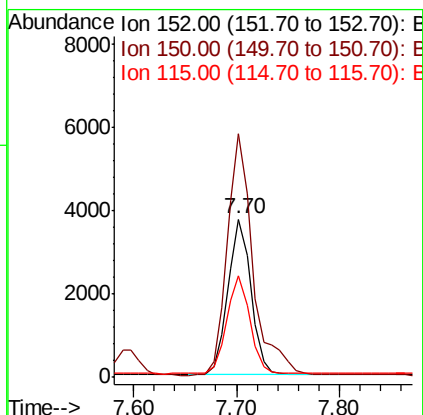
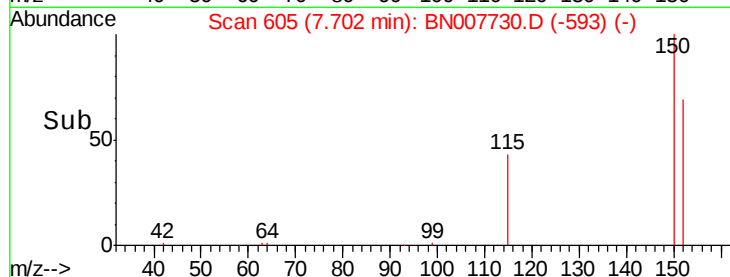
115 64.6 53.3 79.9



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: 0.371 ng

RT: 3.30 min Scan# 59

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

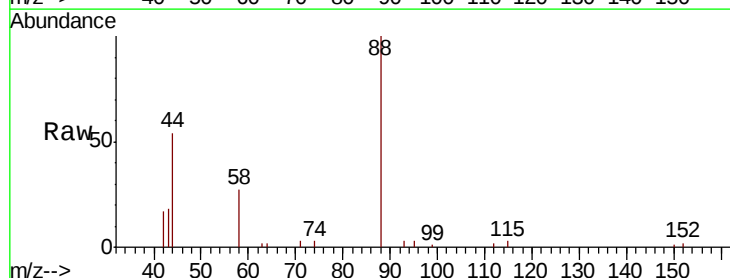
Tgt Ion: 88 Resp: 2421

Ion Ratio Lower Upper

88 100

58 72.9 44.6 66.8#

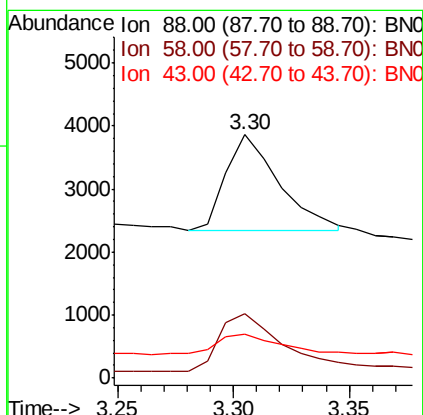
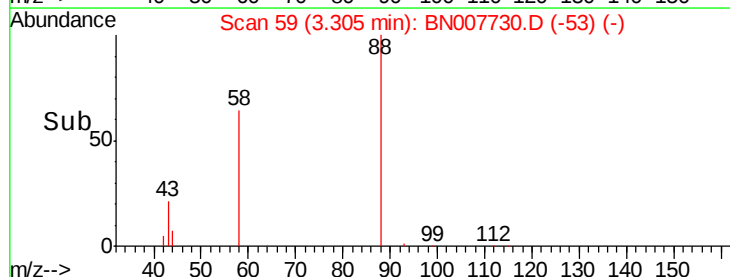
43 23.3 14.4 21.6#



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: 0.573 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

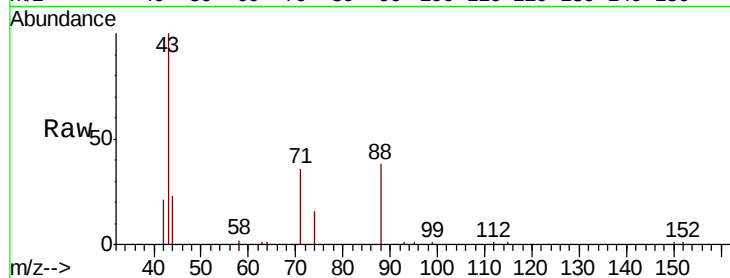
Tot Ion: 42 Resp: 1711

Ion Ratio Lower Upper

42 100

74 112.2 87.9 131.9

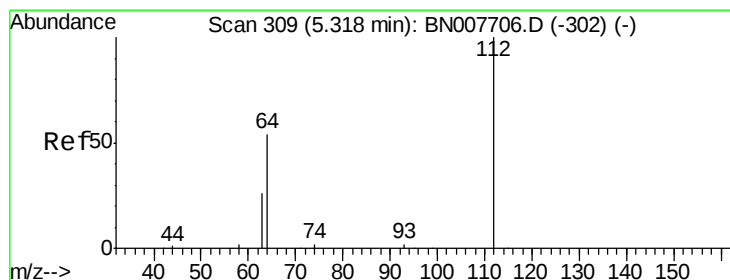
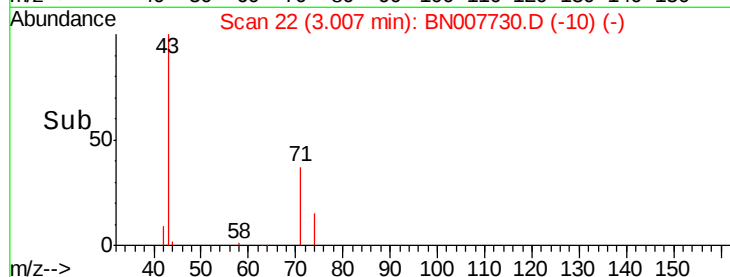
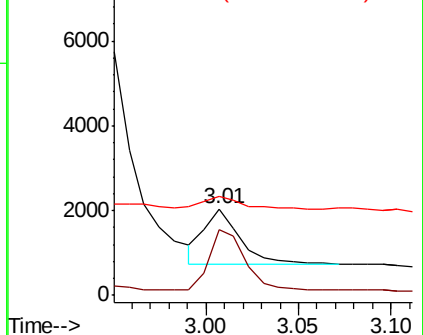
44 23.8 29.4 44.0#



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) (-)



#4

2-Fluorophenol

Concen: 0.318 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

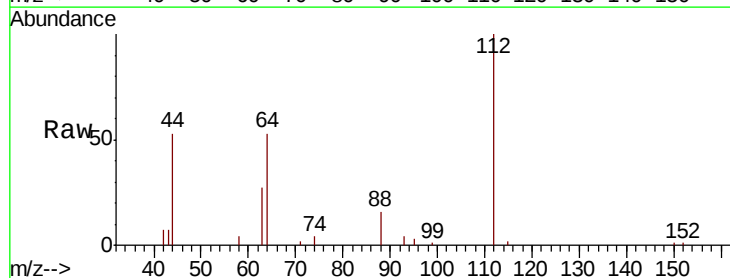
Tgt Ion: 112 Resp: 6407

Ion Ratio Lower Upper

112 100

64 59.3 46.6 70.0

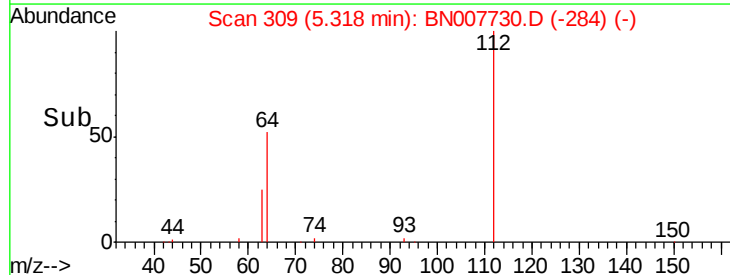
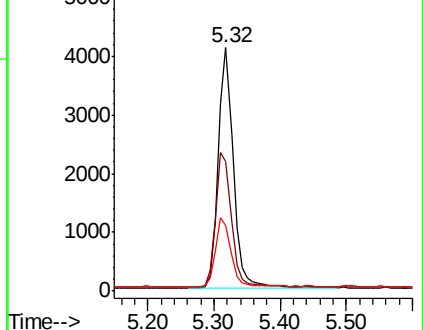
63 30.0 23.1 34.7



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) (-)





#5

Phenol-d6

Concen: 0.327 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

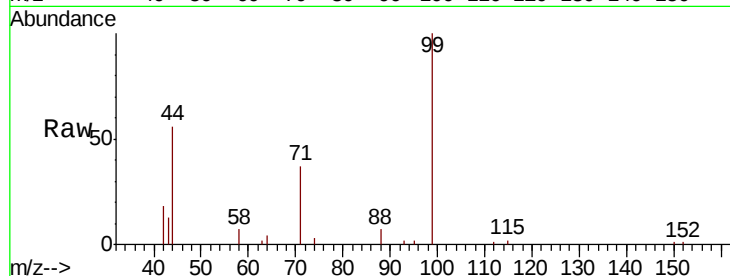
Tot Ion: 99 Resp: 8229

Ion Ratio Lower Upper

99 100

42 15.4 12.8 19.2

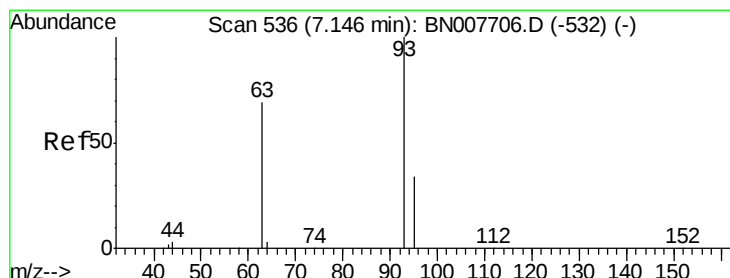
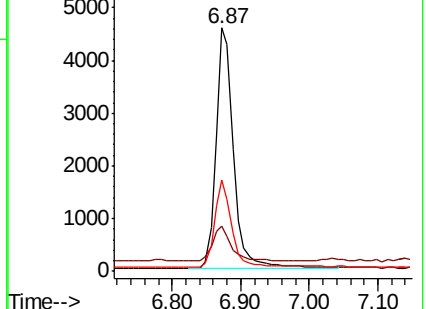
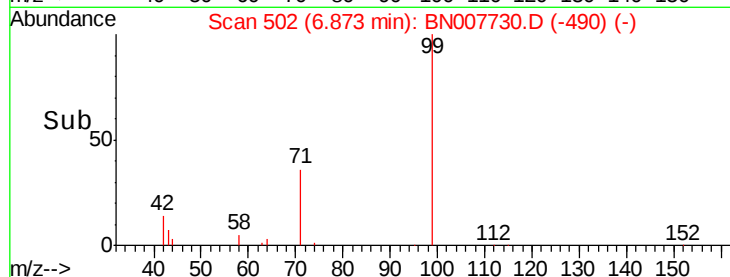
71 35.7 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007730.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007730.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007730.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.382 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

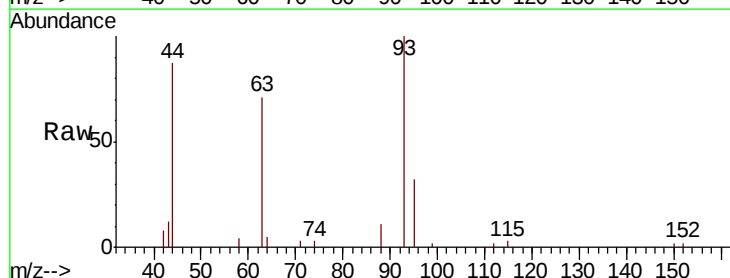
Tgt Ion: 93 Resp: 6321

Ion Ratio Lower Upper

93 100

63 75.2 59.3 88.9

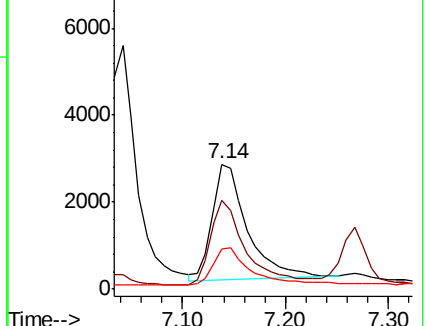
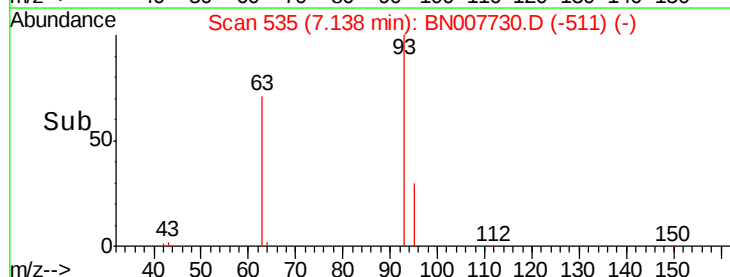
95 37.1 31.4 47.0

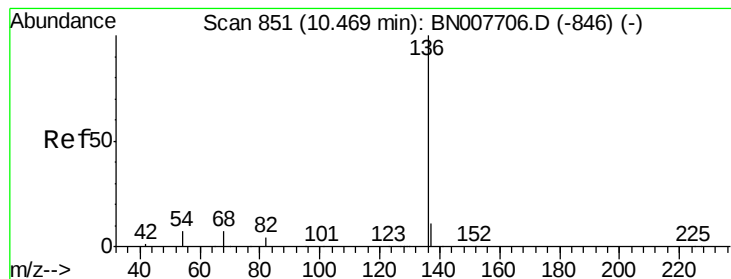


Abundance Ion 93.00 (92.70 to 93.70): BN007730.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007730.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007730.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 22855

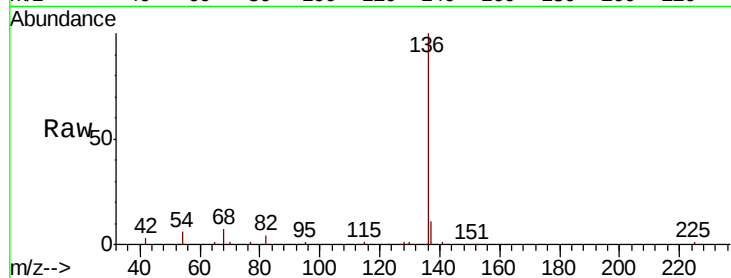
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.4 5.8 8.8

68 7.0 6.5 9.7

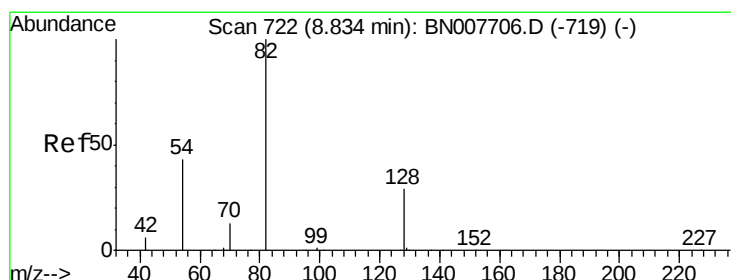
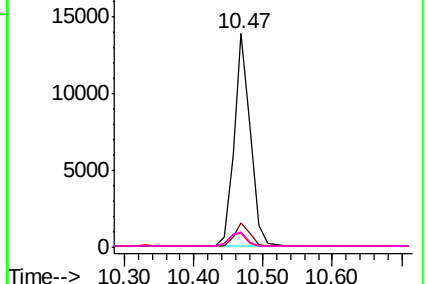
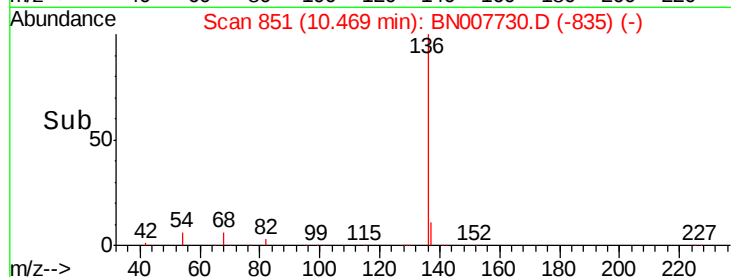


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

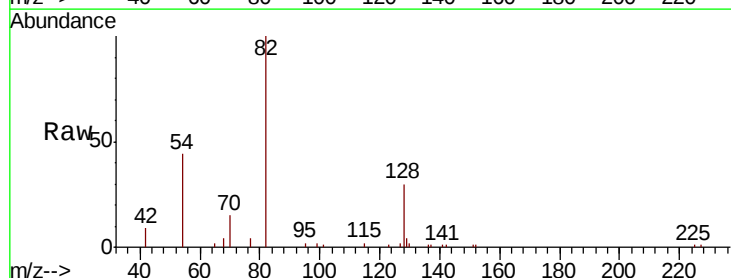
Tgt Ion: 82 Resp: 7660

Ion Ratio Lower Upper

82 100

128 30.4 24.5 36.7

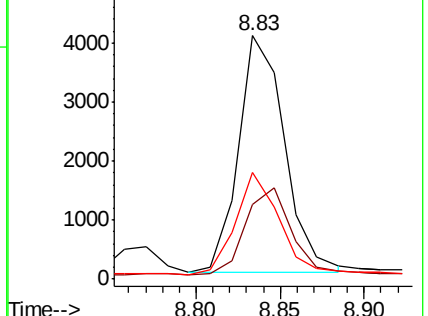
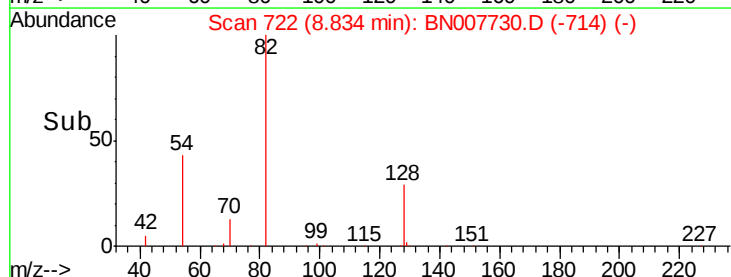
54 43.7 35.2 52.8



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: 0.402 ng

RT: 10.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

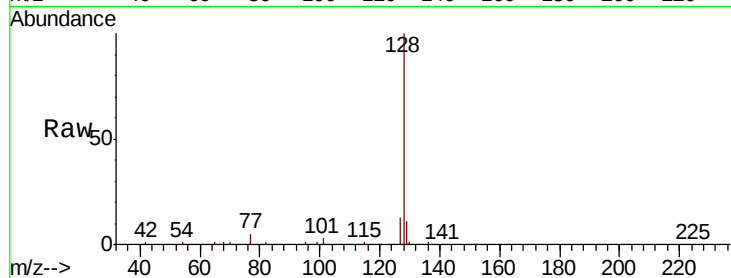
Tot Ion:128 Resp: 25815

Ion Ratio Lower Upper

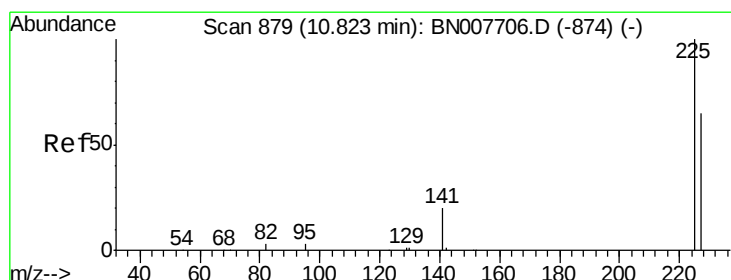
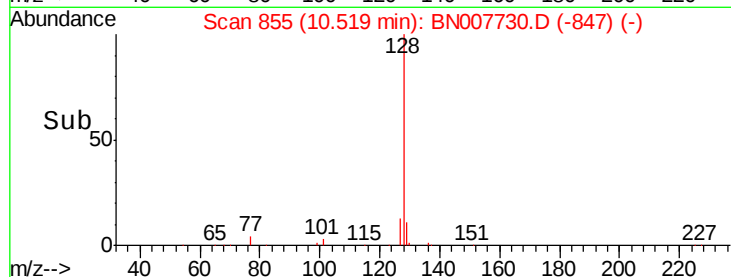
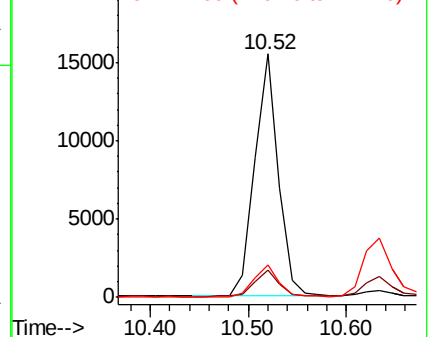
128 100

129 11.5 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: 0.398 ng

RT: 10.82 min Scan# 879

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

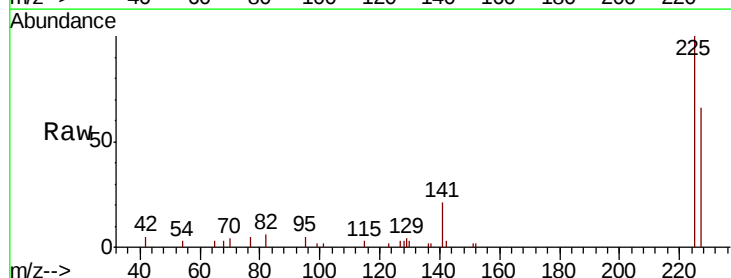
Tgt Ion:225 Resp: 5378

Ion Ratio Lower Upper

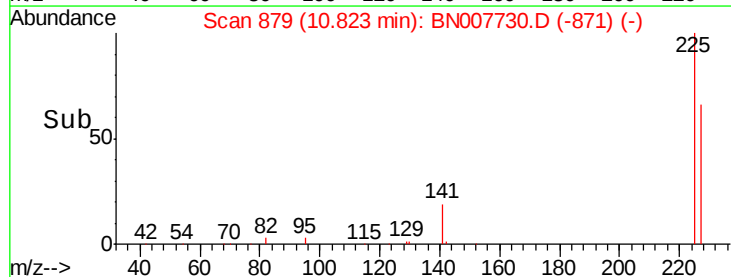
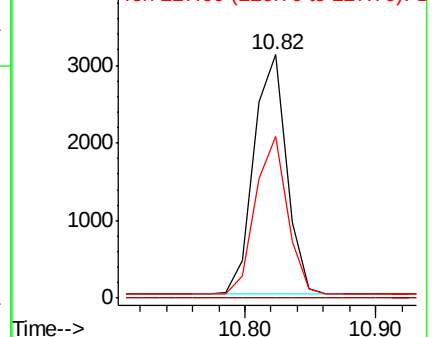
225 100

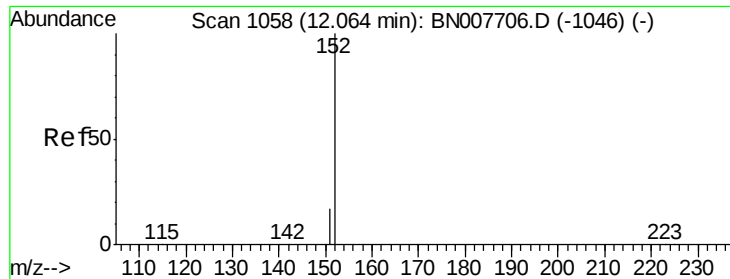
223 0.0 0.0 0.0

227 64.4 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

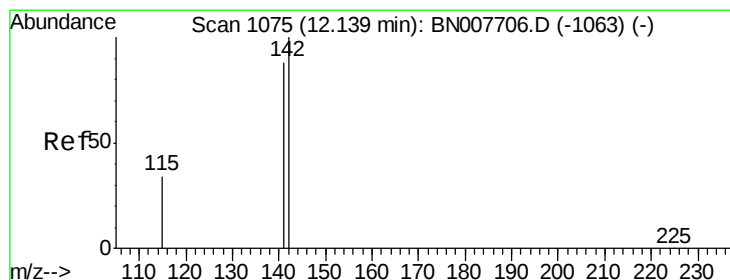
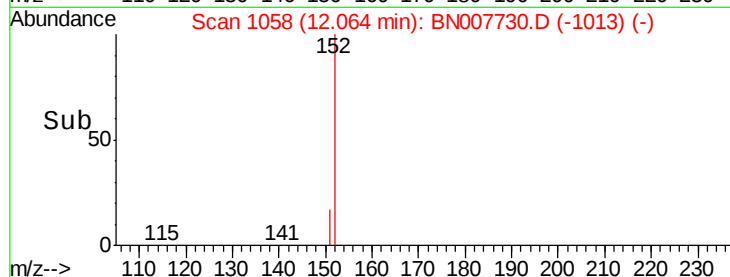
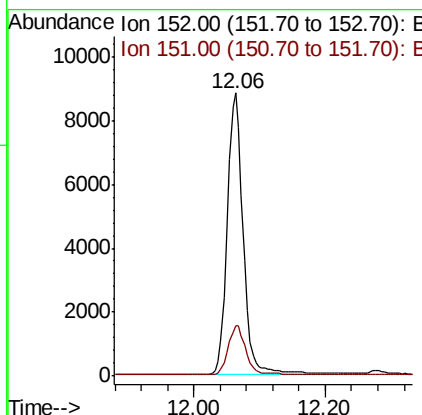
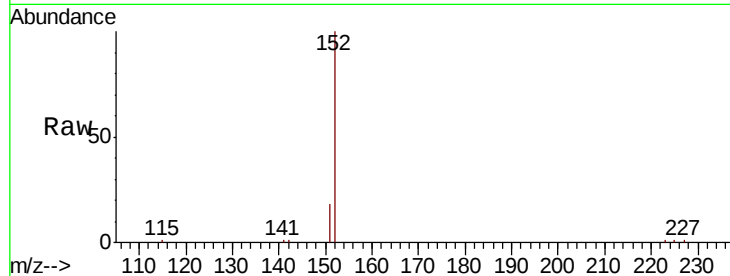




#11
 2-Methylnaphthalene-d10
 Concen: 0.385 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BN007730.D
 Acq: 19 Sep 2019 05:50

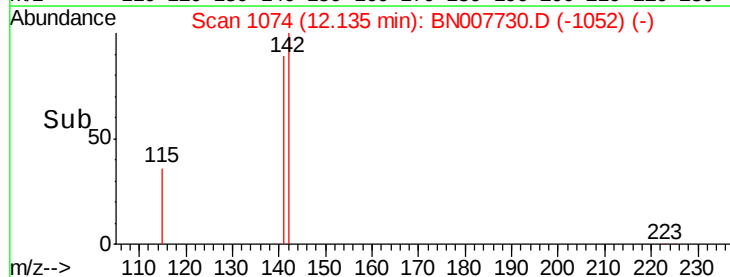
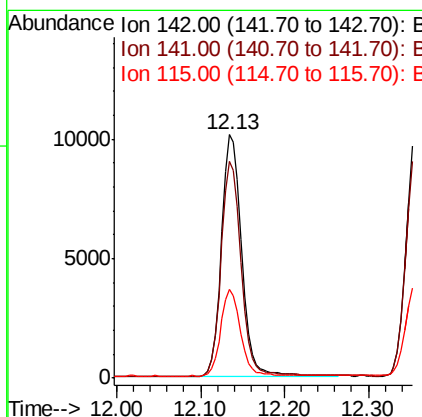
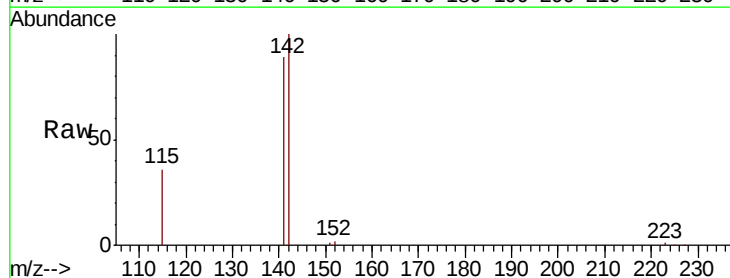
Instrument :
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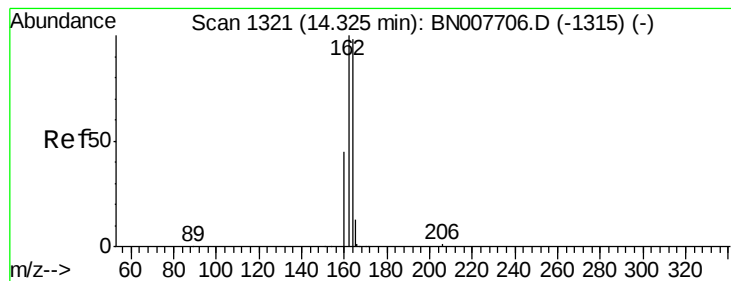
Tot Ion:152 Resp: 14822
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.394 ng
 RT: 12.13 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BN007730.D
 Acq: 19 Sep 2019 05:50

Tgt Ion:142 Resp: 17085
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.6 106.0
 115 36.2 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: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

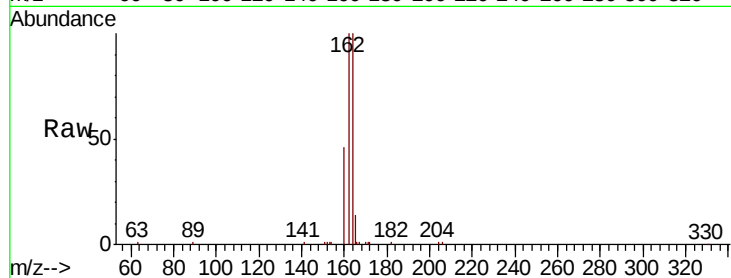
Tot Ion:164 Resp: 13886

Ion Ratio Lower Upper

164 100

162 100.4 81.7 122.5

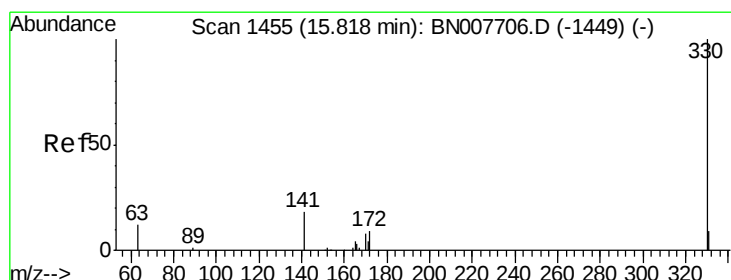
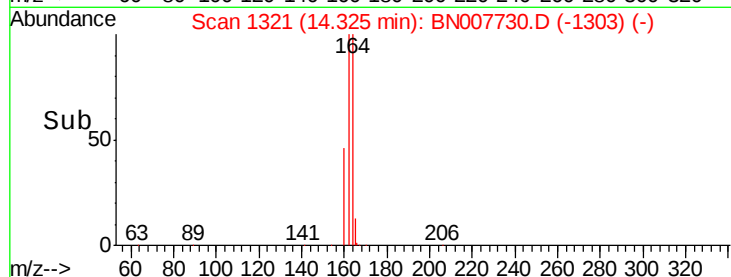
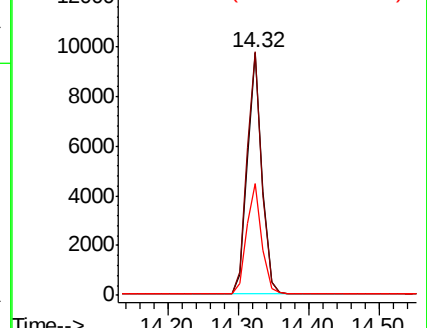
160 46.0 37.0 55.4



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: 0.287 ng

RT: 15.82 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

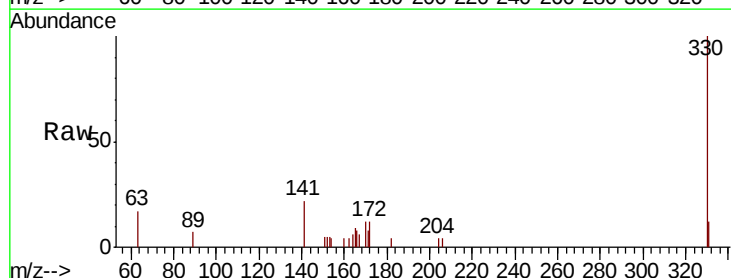
Tgt Ion:330 Resp: 2171

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

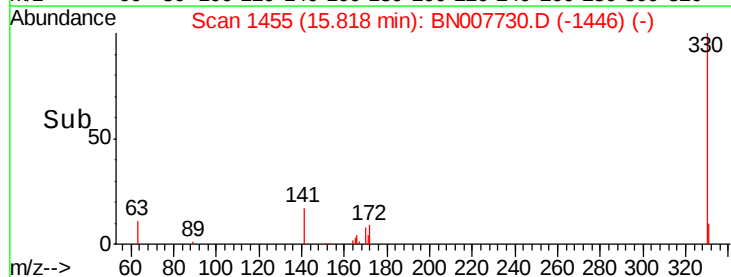
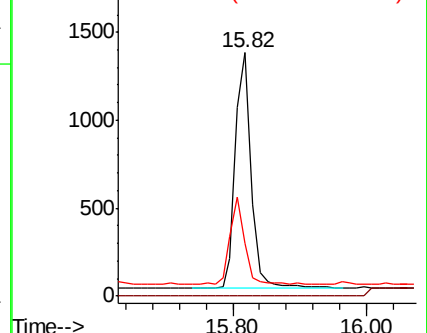
141 34.8 28.7 43.1



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

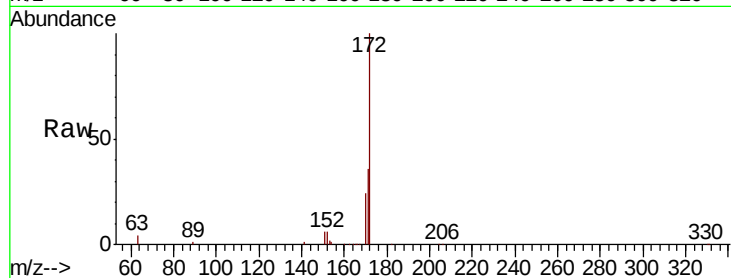




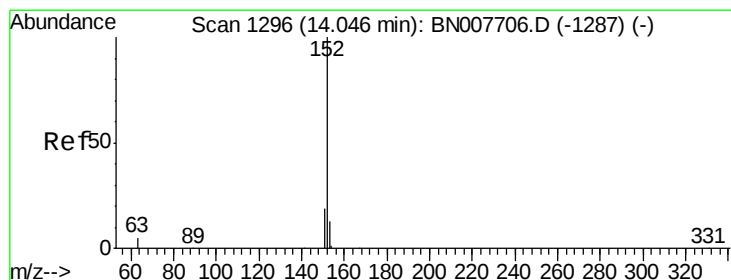
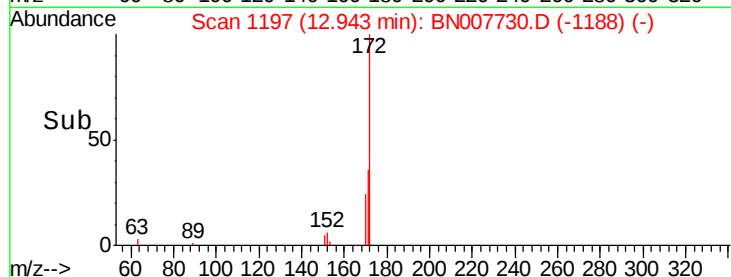
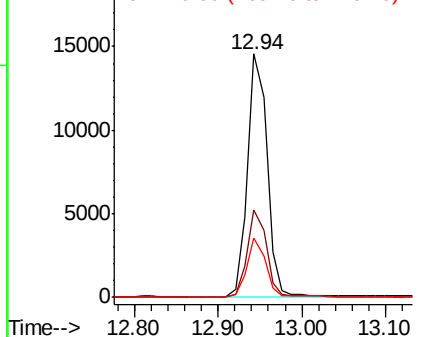
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007730.D
Acq: 19 Sep 2019 05:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 23427
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.4 19.5 29.3

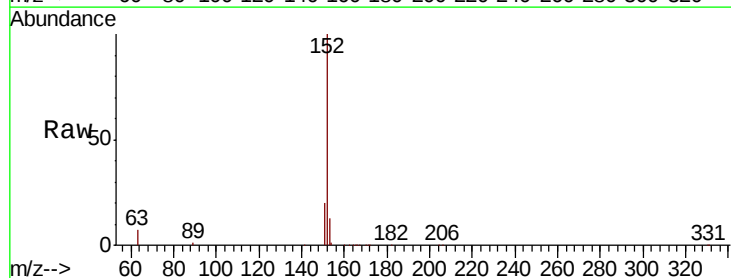


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

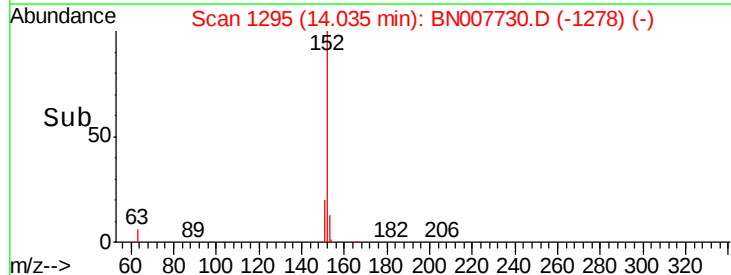
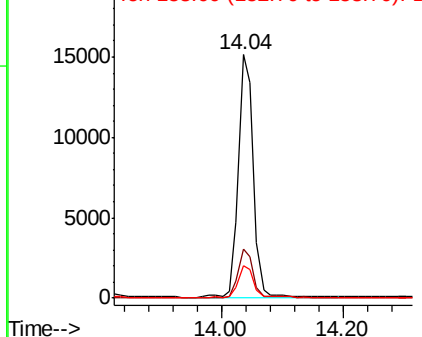


#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007730.D
Acq: 19 Sep 2019 05:50

Tgt Ion:152 Resp: 25582
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.359 ng

RT: 14.39 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

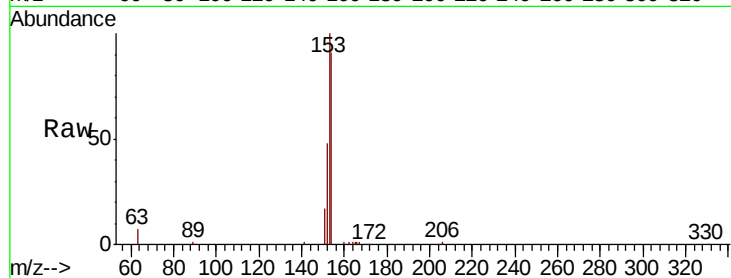
Tot Ion:154 Resp: 17040

Ion Ratio Lower Upper

154 100

153 112.4 87.0 130.4

152 56.3 42.7 64.1

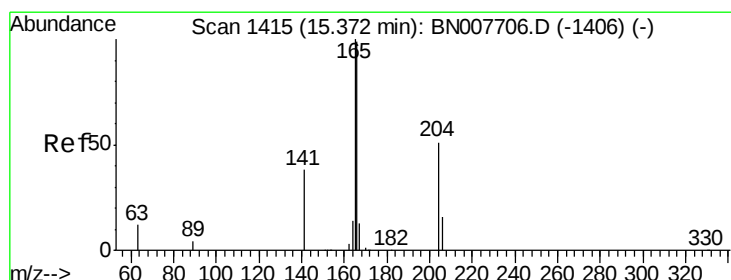
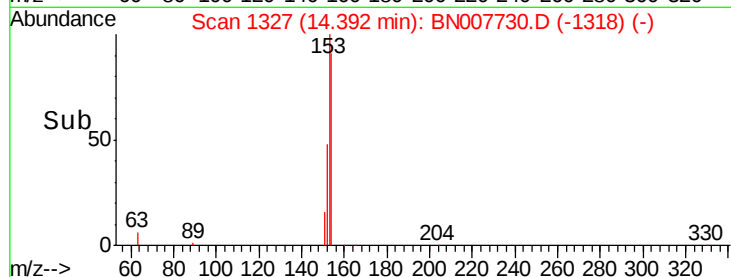
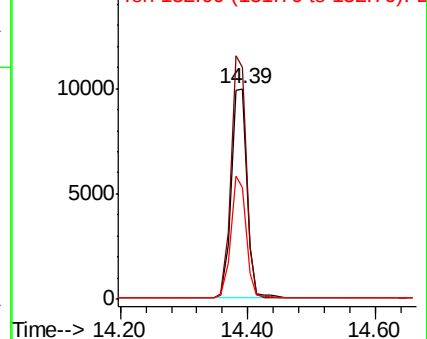


Abundance

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: 0.359 ng

RT: 15.37 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

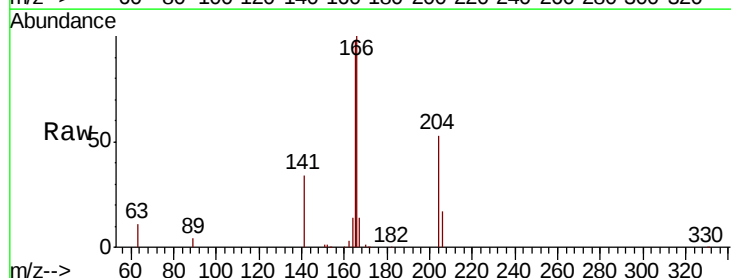
Tgt Ion:166 Resp: 21831

Ion Ratio Lower Upper

166 100

165 97.8 78.0 117.0

167 13.6 10.9 16.3

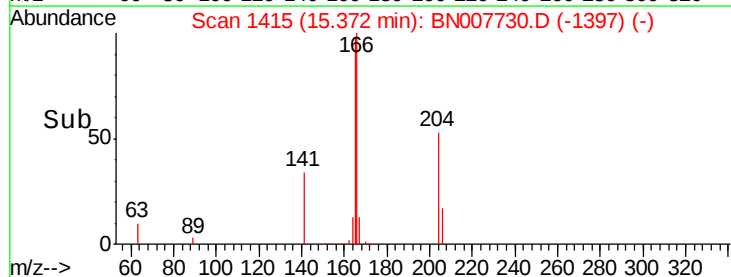
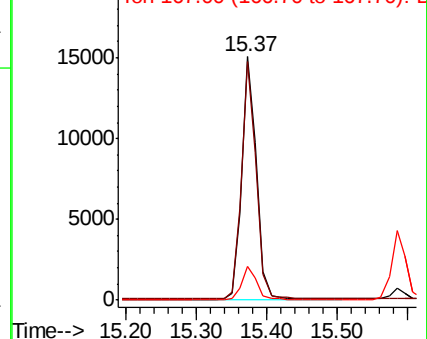


Abundance

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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

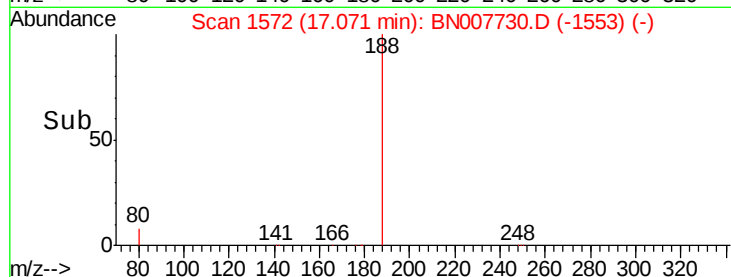
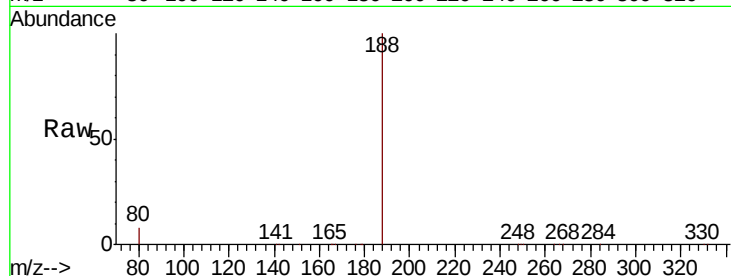
Tot Ion:188 Resp: 30697

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

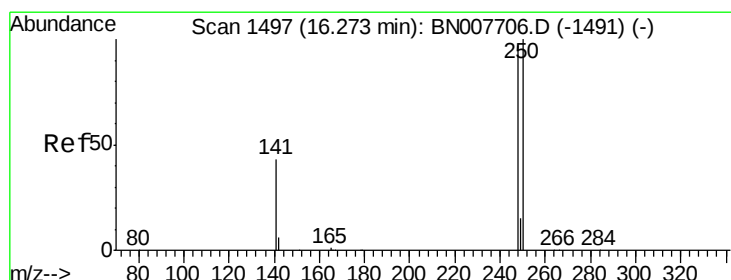
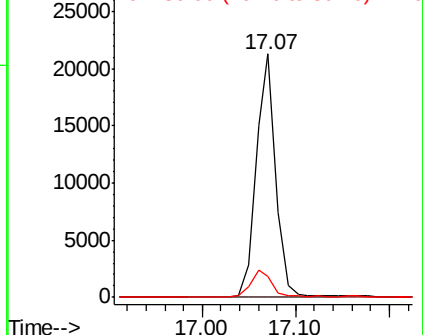
80 8.3 7.4 11.2



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: 0.393 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

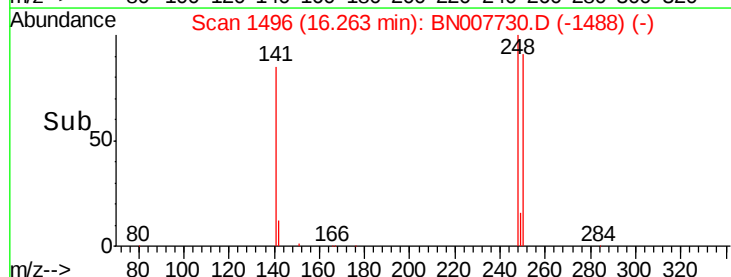
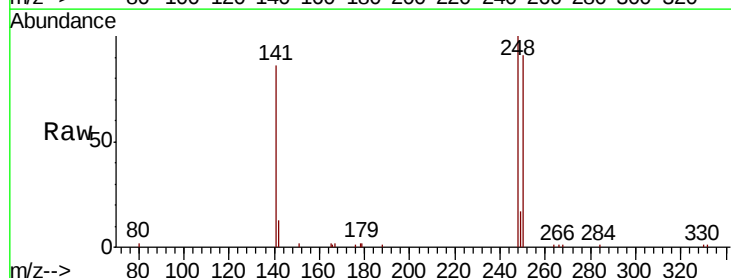
Tgt Ion:248 Resp: 7327

Ion Ratio Lower Upper

248 100

250 91.0 82.2 123.4

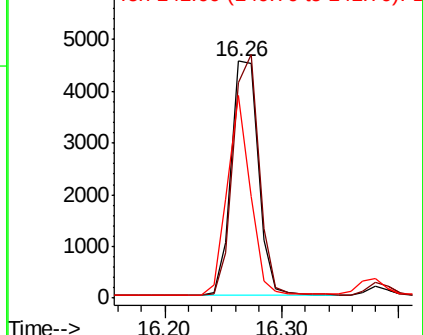
141 85.7 36.3 54.5#



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

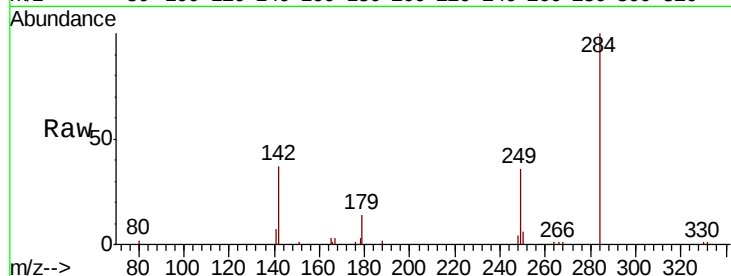




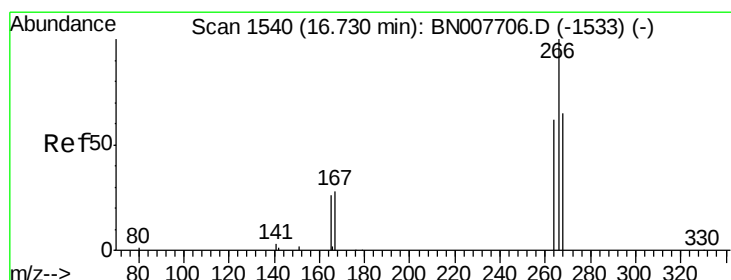
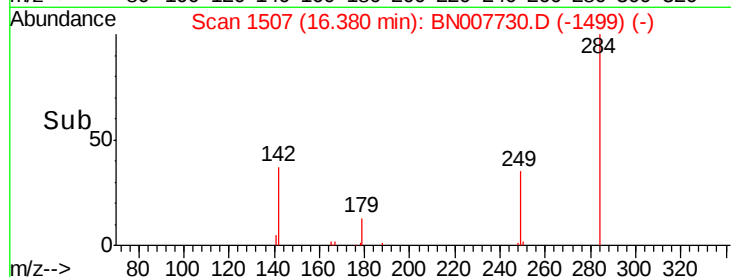
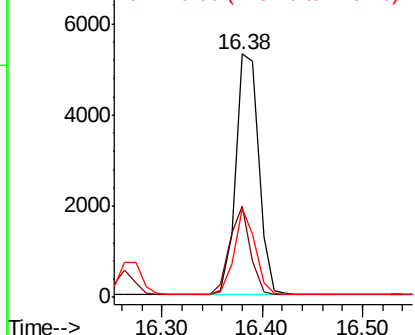
#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007730.D
Acq: 19 Sep 2019 05:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 8482
Ion Ratio Lower Upper
284 100
142 33.3 25.8 38.6
249 31.6 25.9 38.9

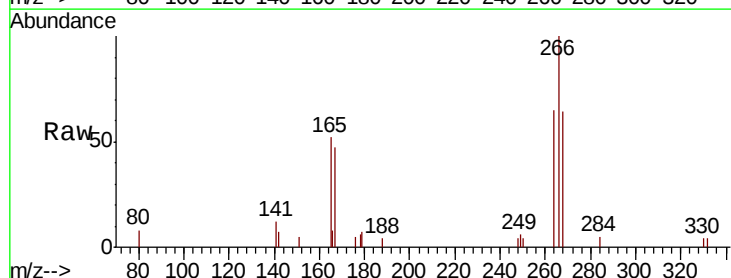


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

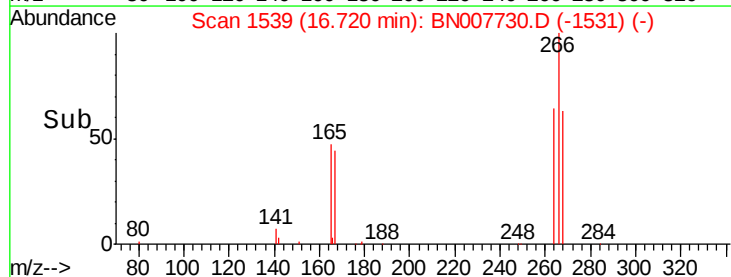
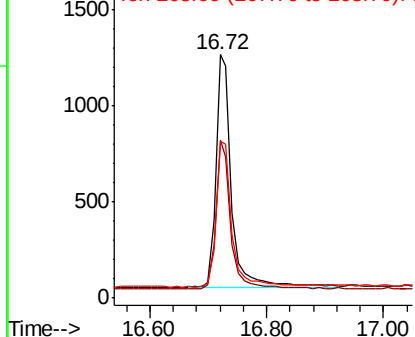


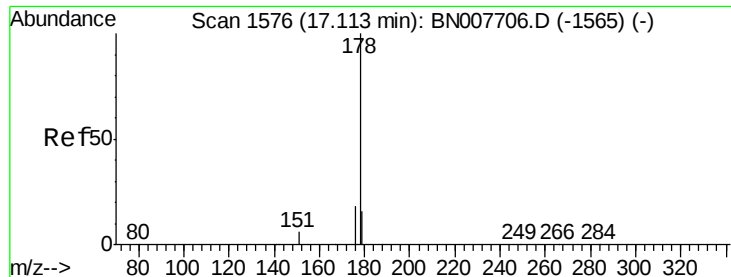
#22
Pentachlorophenol
Concen: 0.310 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007730.D
Acq: 19 Sep 2019 05:50

Tgt Ion:266 Resp: 2327
Ion Ratio Lower Upper
266 100
264 64.7 50.0 75.0
268 64.3 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: 0.401 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

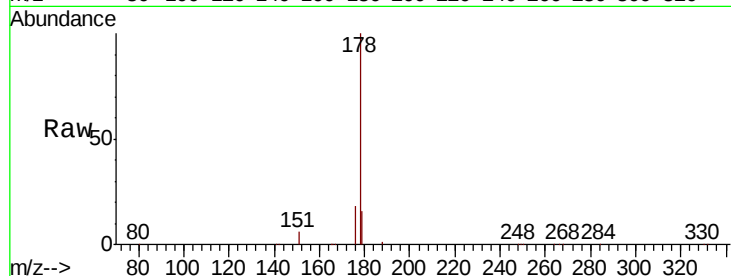
Tot Ion:178 Resp: 38389

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

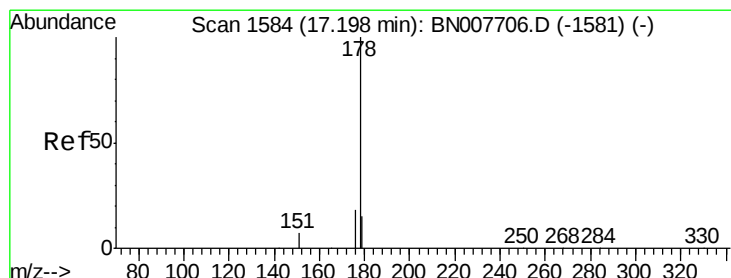
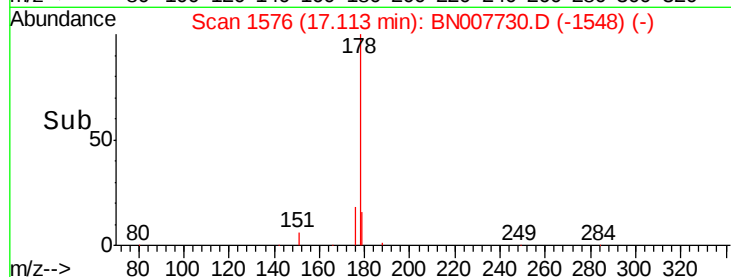
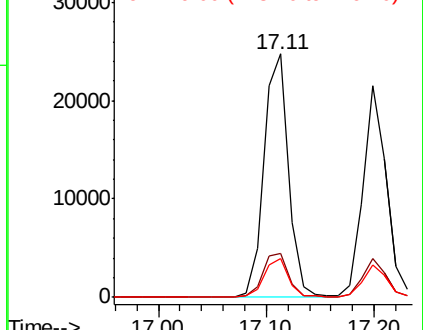
179 15.4 12.5 18.7



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: 0.372 ng

RT: 17.20 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

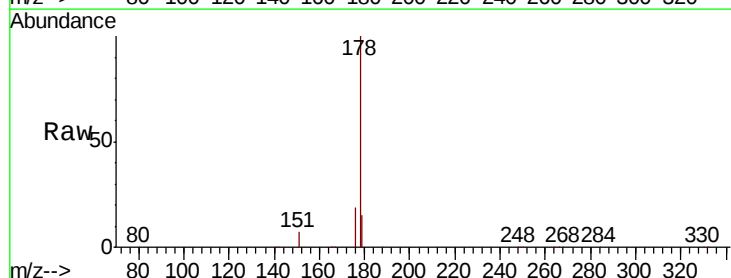
Tgt Ion:178 Resp: 32118

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

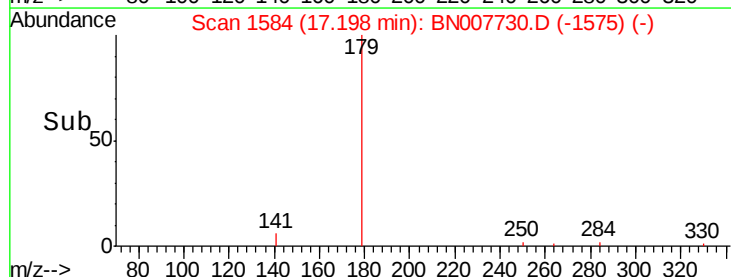
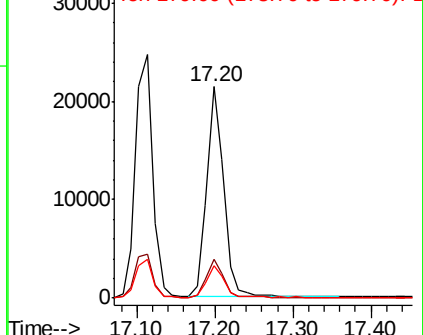
179 15.2 12.2 18.4

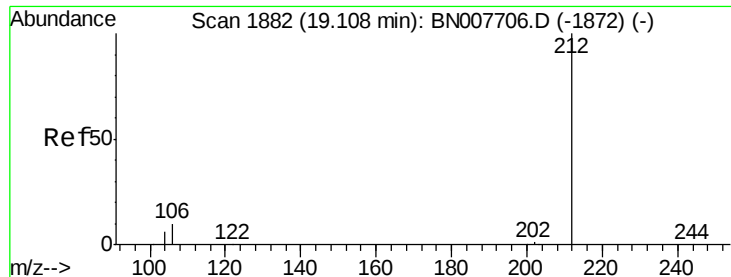


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

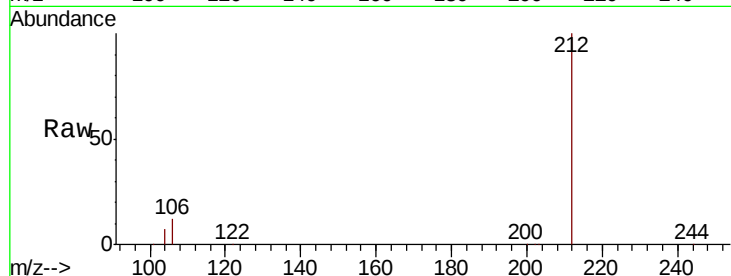
Tot Ion:212 Resp: 38870

Ion Ratio Lower Upper

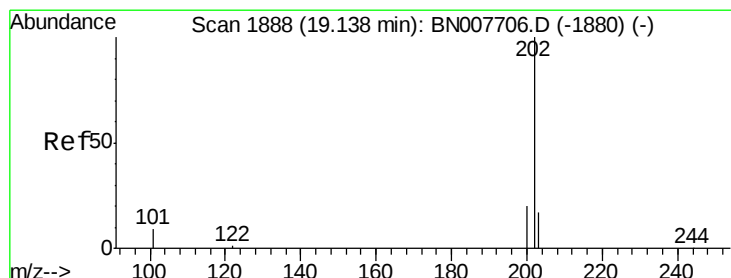
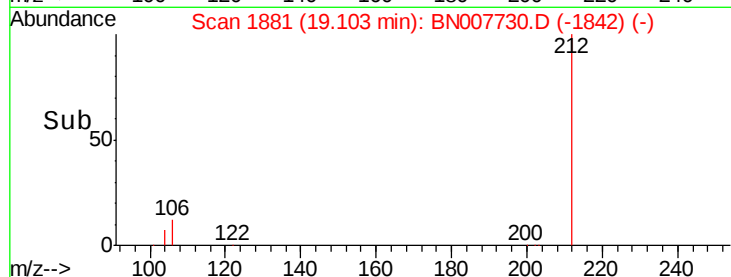
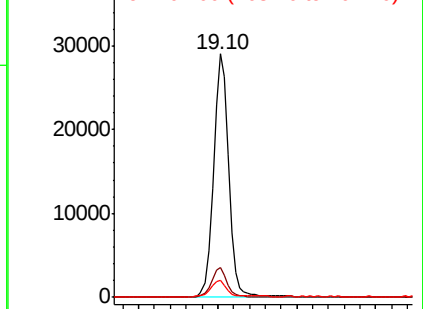
212 100

106 11.8 9.4 14.0

104 6.6 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: 0.387 ng

RT: 19.13 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

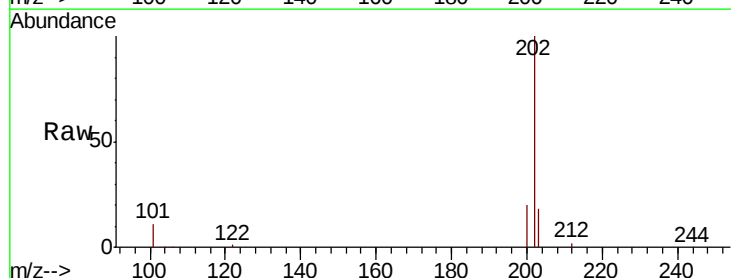
Tgt Ion:202 Resp: 46026

Ion Ratio Lower Upper

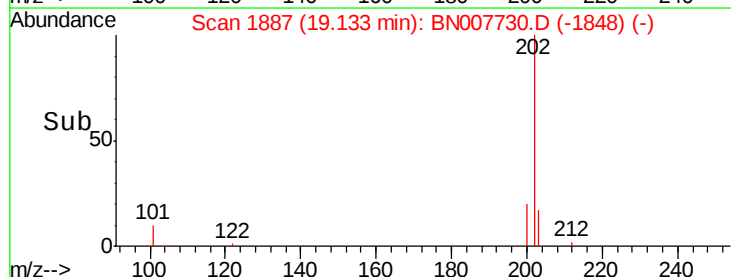
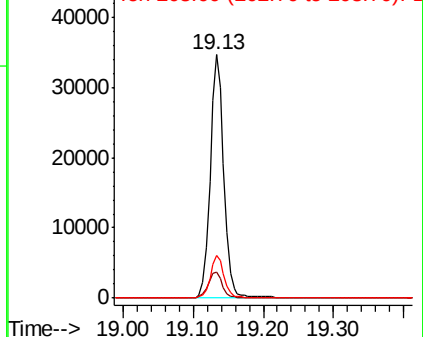
202 100

101 10.8 8.4 12.6

203 17.3 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

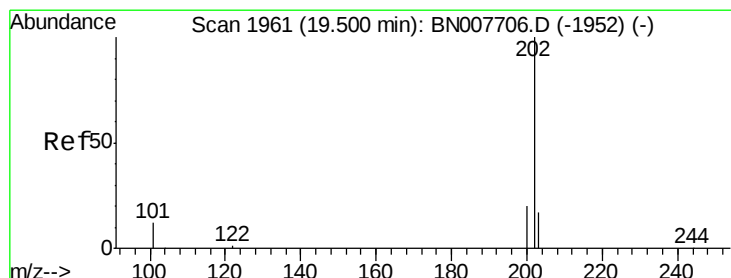
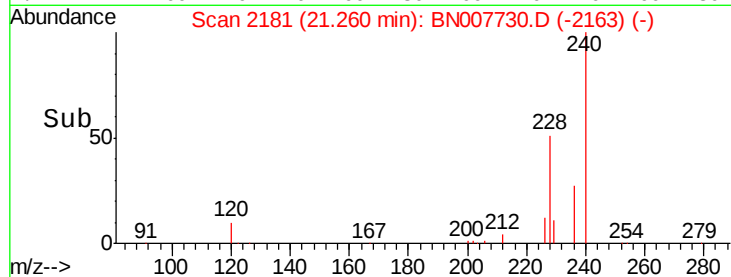
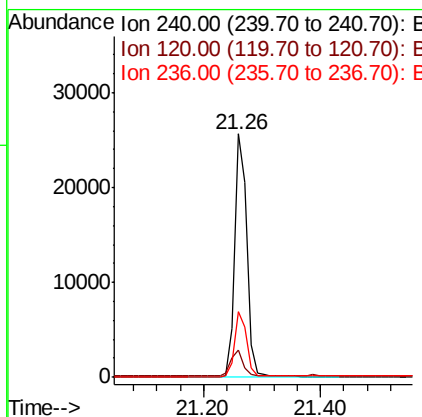
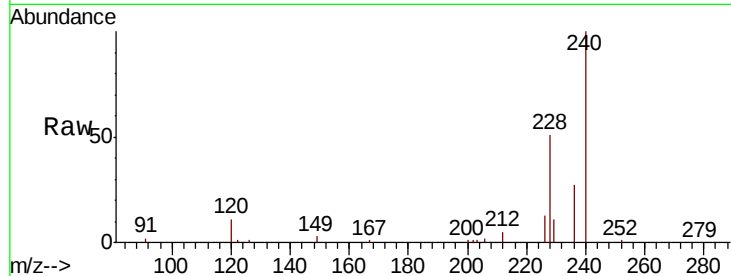




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007730.D
 Acq: 19 Sep 2019 05:50

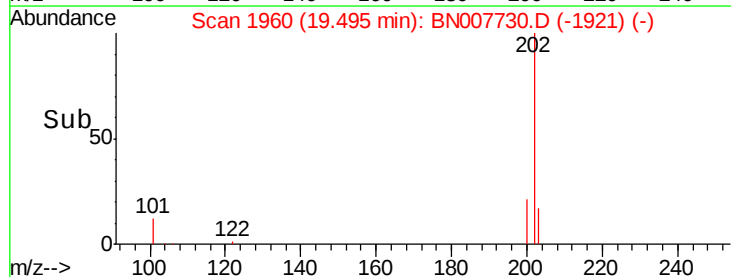
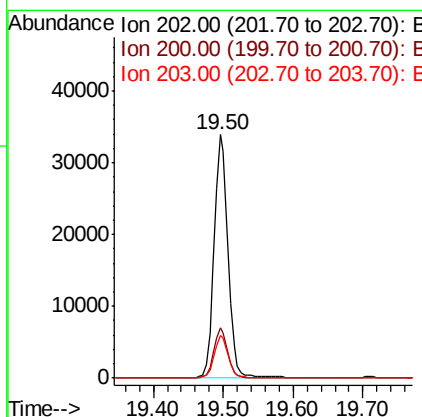
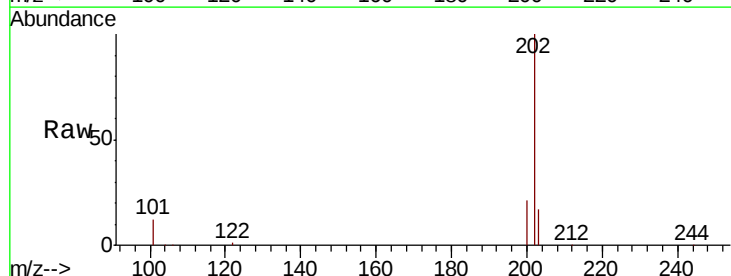
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:240 Resp: 35661
 Ion Ratio Lower Upper
 240 100
 120 11.2 5.4 8.2#
 236 26.8 21.0 31.4



#28
 Pyrene
 Concen: 0.382 ng
 RT: 19.50 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BN007730.D
 Acq: 19 Sep 2019 05:50

Tgt Ion:202 Resp: 46411
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.4 24.6
 203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.419 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

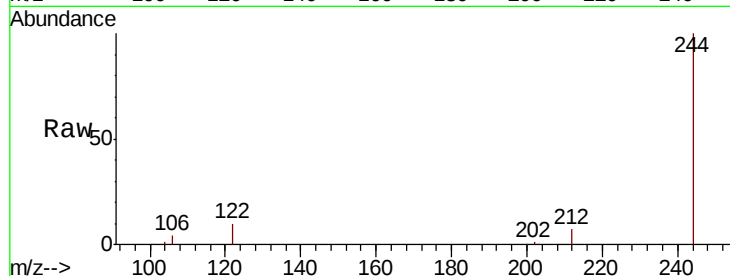
Tot Ion:244 Resp: 36680

Ion Ratio Lower Upper

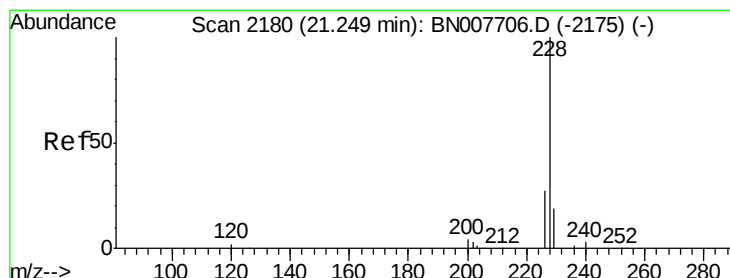
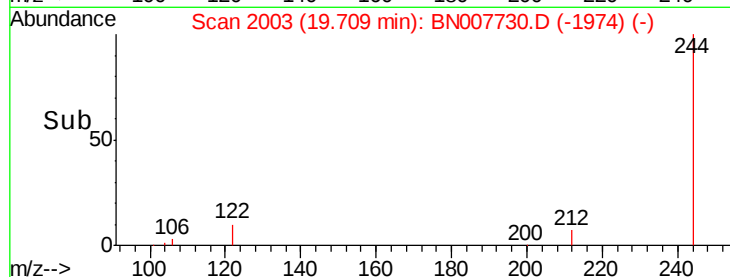
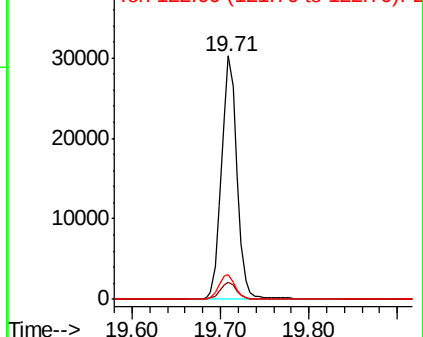
244 100

212 7.2 5.9 8.9

122 10.0 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: 0.360 ng

RT: 21.25 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

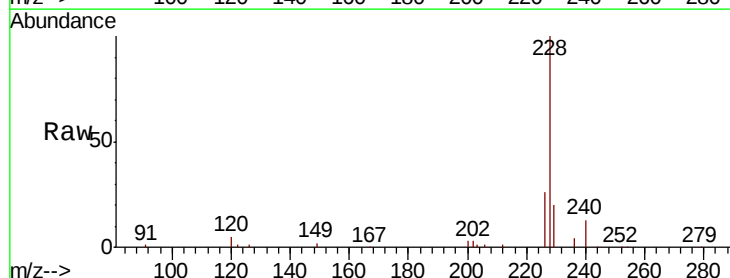
Tgt Ion:228 Resp: 47336

Ion Ratio Lower Upper

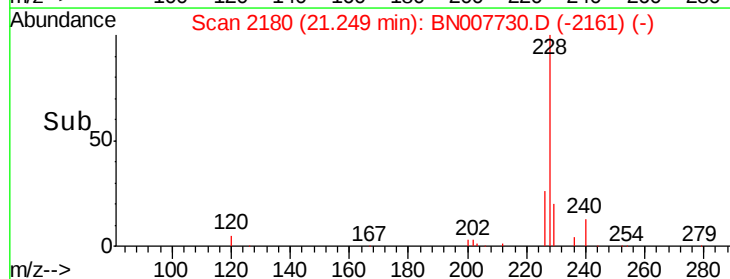
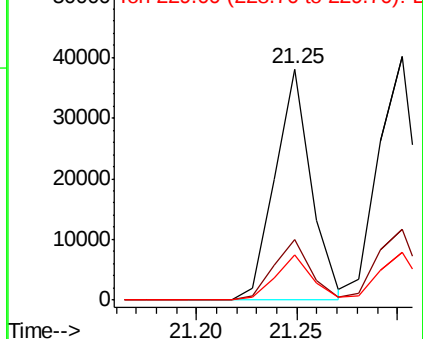
228 100

226 26.2 22.1 33.1

229 19.8 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: 0.407 ng

RT: 21.30 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

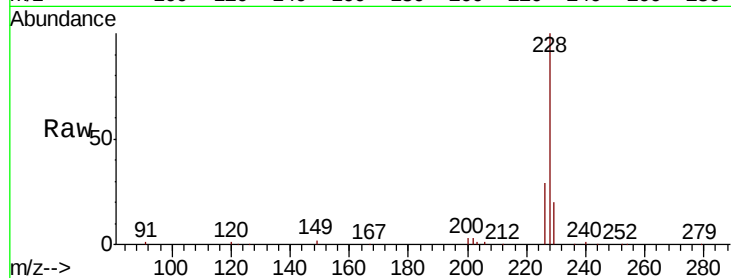
Tot Ion:228 Resp: 52135

Ion Ratio Lower Upper

228 100

226 28.9 23.9 35.9

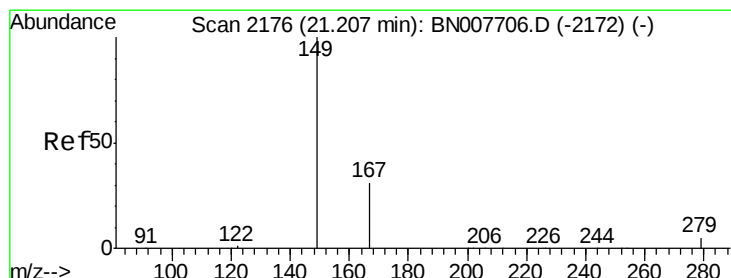
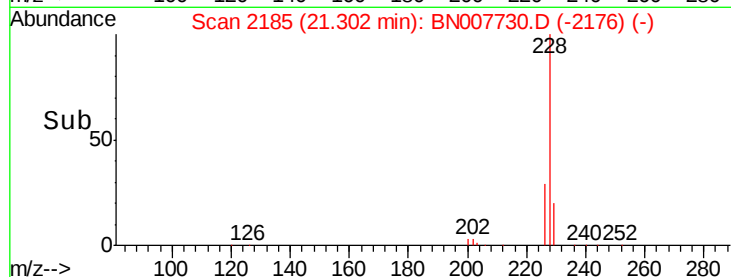
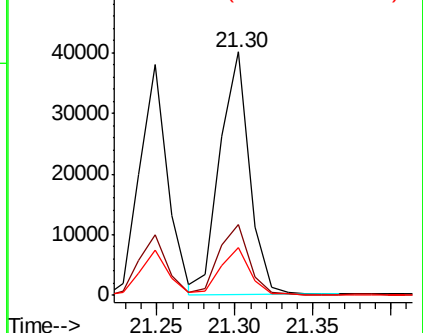
229 19.7 15.8 23.6



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: 0.234 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

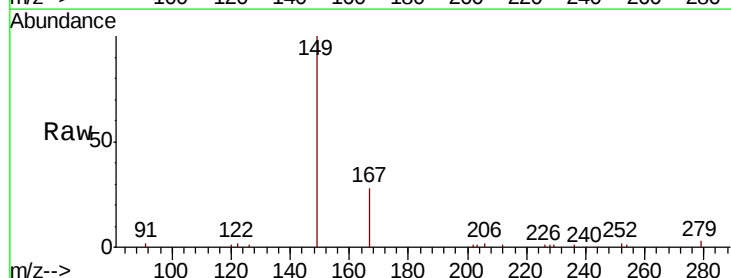
Tgt Ion:149 Resp: 15785

Ion Ratio Lower Upper

149 100

167 28.8 23.7 35.5

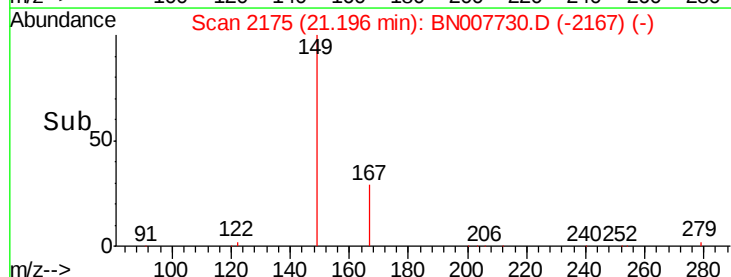
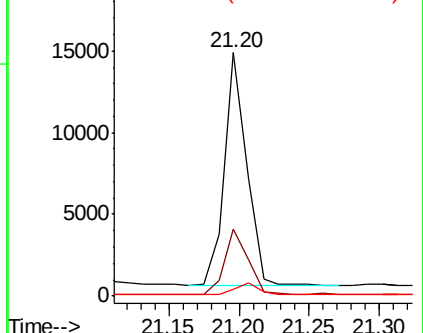
279 5.0 4.2 6.2



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

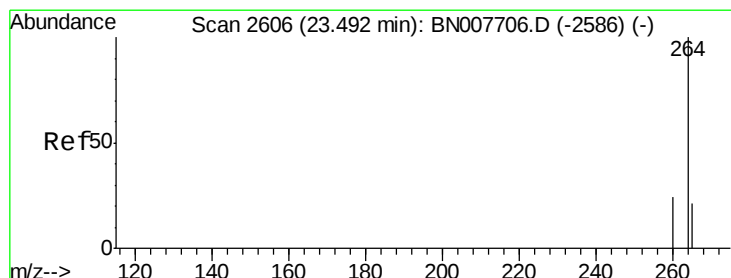
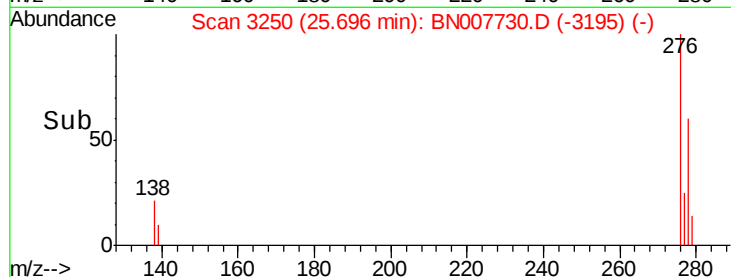
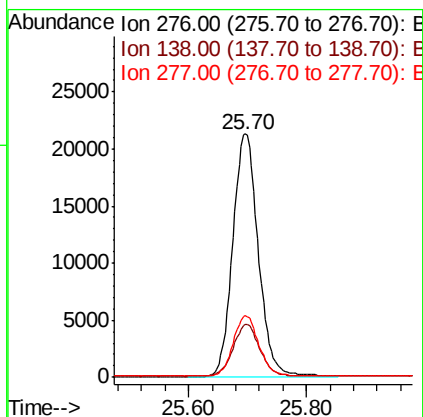
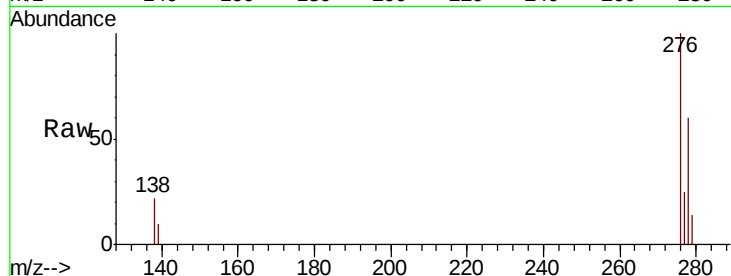




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.398 ng
 RT: 25.70 min Scan# 3250
 Delta R.T. -0.01 min
 Lab File: BN007730.D
 Acq: 19 Sep 2019 05:50

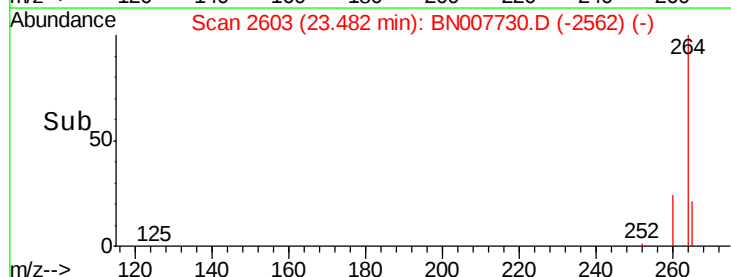
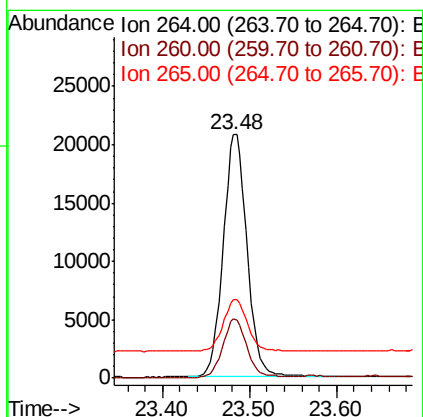
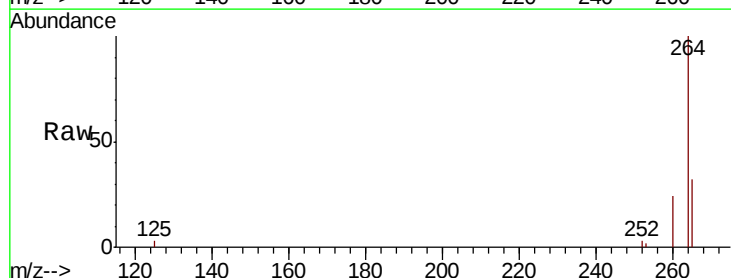
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 63714
 Ion Ratio Lower Upper
 276 100
 138 22.6 17.1 25.7
 277 25.1 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BN007730.D
 Acq: 19 Sep 2019 05:50

Tgt Ion:264 Resp: 39487
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 32.5 26.9 40.3





#35

Benzo(b)fluoranthene

Concen: 0.373 ng

RT: 22.82 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

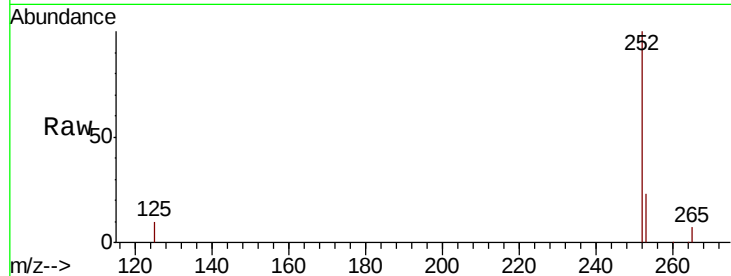
Tot Ion:252 Resp: 51094

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

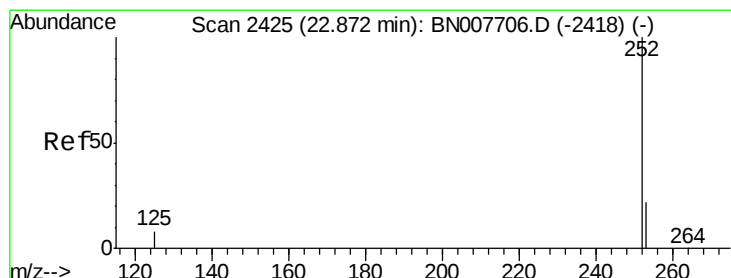
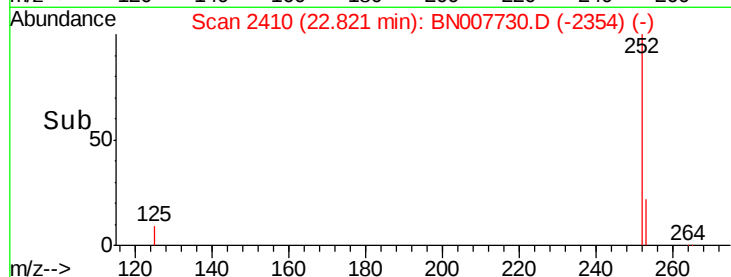
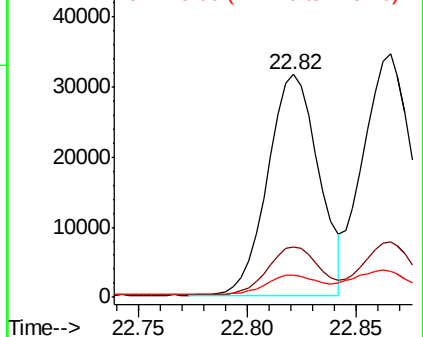
125 10.1 8.2 12.4



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: 0.411 ng

RT: 22.87 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

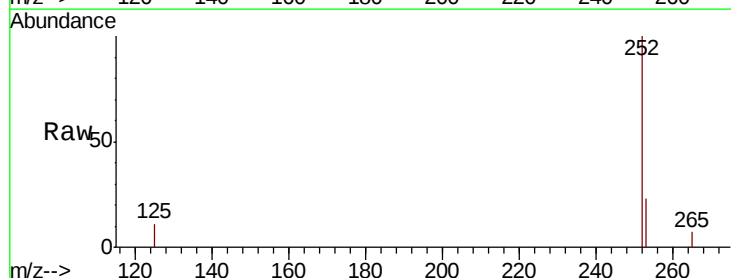
Tgt Ion:252 Resp: 55709

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

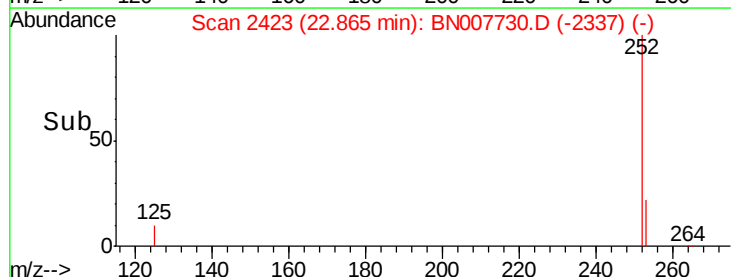
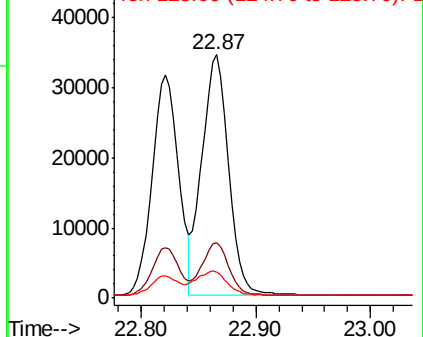
125 10.8 8.4 12.6

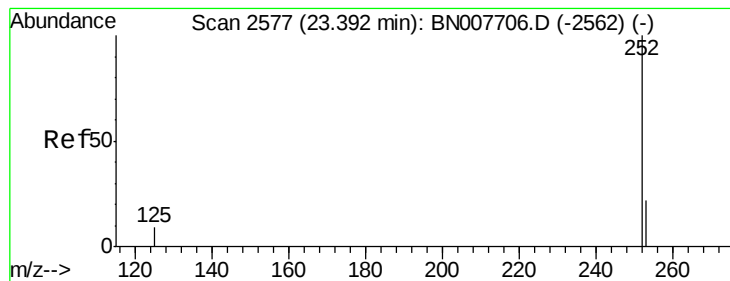


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.364 ng

RT: 23.39 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

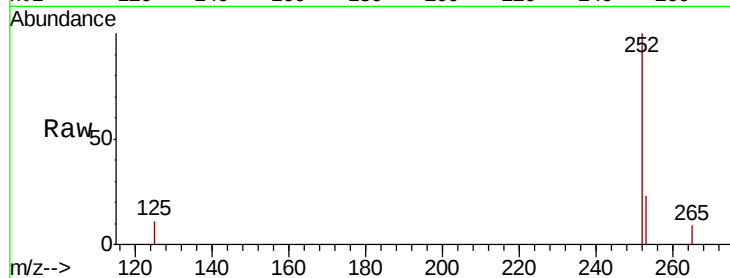
Tot Ion:252 Resp: 46951

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

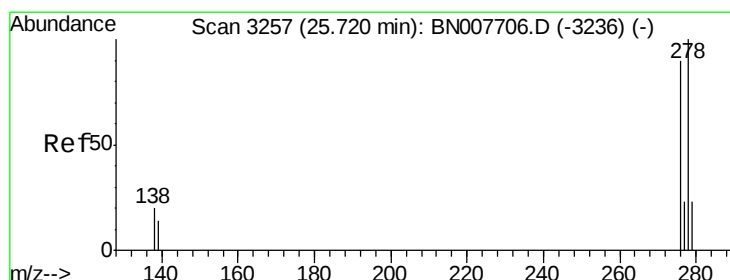
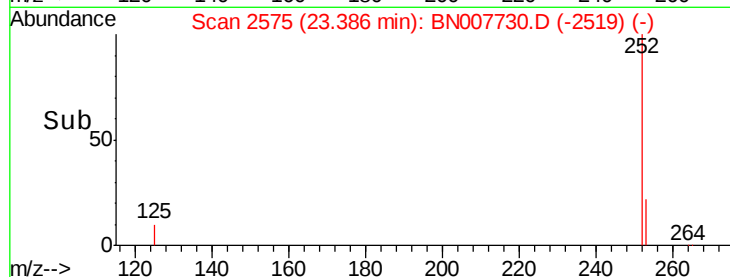
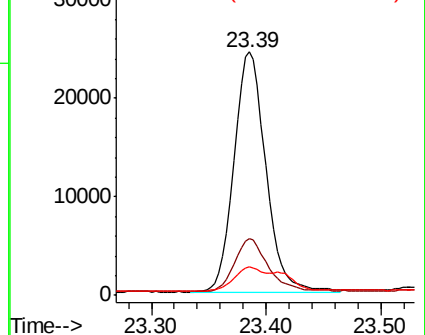
125 11.5 9.4 14.0



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: 0.392 ng

RT: 25.71 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

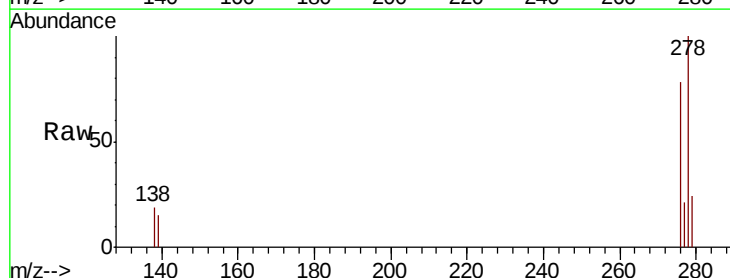
Tgt Ion:278 Resp: 51641

Ion Ratio Lower Upper

278 100

139 14.6 11.8 17.6

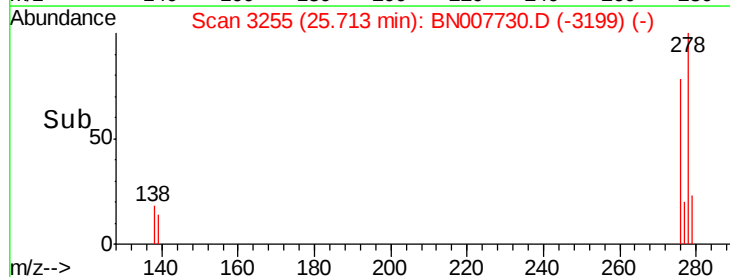
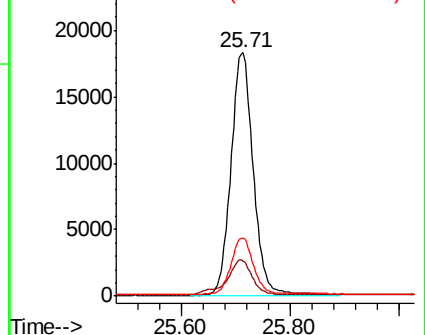
279 24.1 19.4 29.2

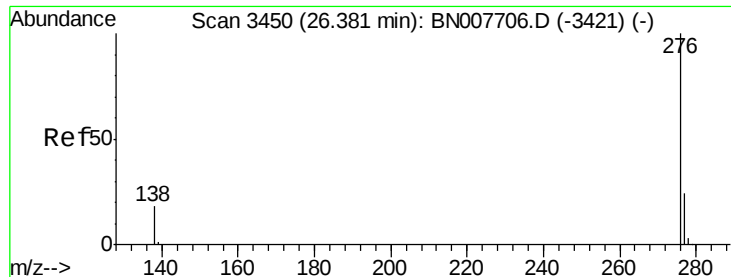


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.379 ng

RT: 26.37 min Scan# 3446

Delta R.T. -0.01 min

Lab File: BN007730.D

Acq: 19 Sep 2019 05:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

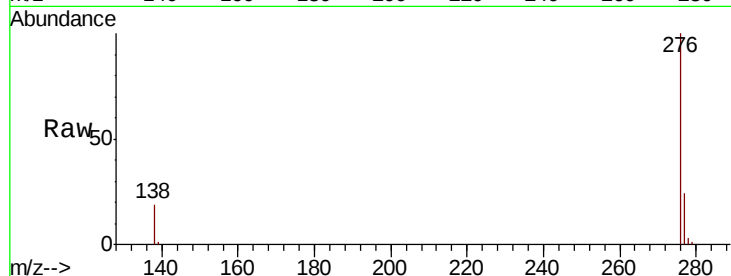
Tot Ion: 276 Resp: 49480

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 18.9 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

