

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007865.D
 Acq On : 25 Sep 2019 21:52
 Operator : JU
 Sample : K4994-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-SW093-091819-1

Quant Time: Sep 26 03:54:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	11709	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	46244	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	29909	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	48649	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	56602	0.40	ng	-0.01
34) Perylene-d12	23.47	264	75753	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	1286	0.03	ng	0.00
5) Phenol-d6	6.87	99	1861	0.03	ng	0.00
8) Nitrobenzene-d5	8.83	82	1462	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	2786	0.04	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	422	0.03	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	3925	0.03	ng	-0.01
25) Fluoranthene-d10	19.10	212	3438	0.02	ng	-0.01
29) Terphenyl-d14	19.69	244	12141	0.09	ng	-0.02

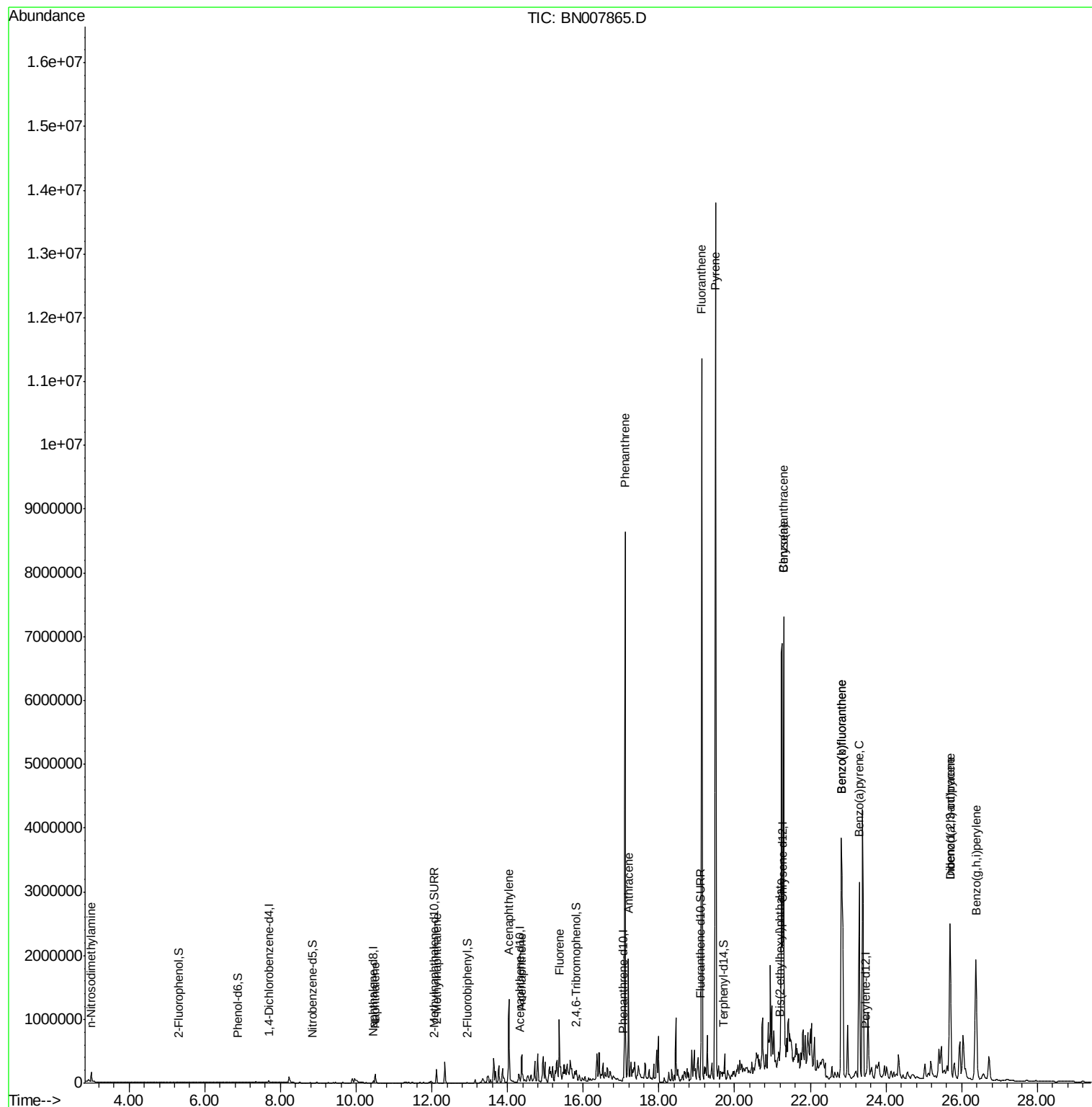
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.00	42	15321	2.563	ng	# 75
9) Naphthalene	10.51	128	181585	1.399	ng	100
12) 2-Methylnaphthalene	12.13	142	153826	1.754	ng	100
16) Acenaphthylene	14.03	152	1590855	10.029	ng	98
17) Acenaphthene	14.38	154	241563	2.362	ng	93
18) Fluorene	15.36	166	587937	4.486	ng	# 90
23) Phenanthrene	17.10	178	9022306	59.534	ng	98
24) Anthracene	17.19	178	1995606	14.580	ng	98
26) Fluoranthene	19.13	202	10371699	55.039	ng	96
28) Pylene	19.50	202	13328445	69.043	ng	# 90
30) Benzo(a)anthracene	21.29	228	6895542	33.082	ng	93
31) Chrysene	21.29	228	6879593	33.866	ng	95
32) Bis(2-ethylhexyl)phthalate	21.19	149	4323	0.040	ng	# 52
33) Indeno(1,2,3-cd)pyrene	25.70	276	3717561	14.617	ng	97
35) Benzo(b)fluoranthene	22.82	252	6757377	25.694	ng	98
36) Benzo(k)fluoranthene	22.82	252	6757377	25.985	ng	98
37) Benzo(a)pyrene	23.29	252	4237106	17.144	ng	99
38) Dibenzo(a,h)anthracene	25.70	278	1098907	4.346	ng	95
39) Benzo(g,h,i)perylene	26.38	276	4076561	16.292	ng	99

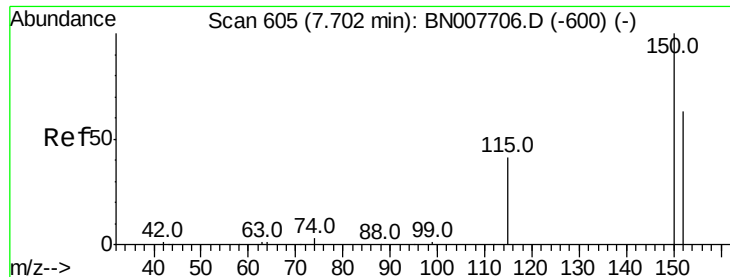
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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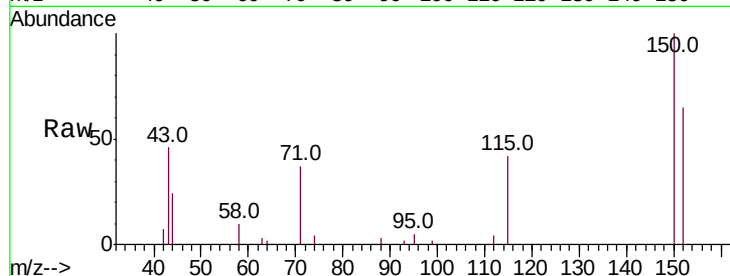


#1

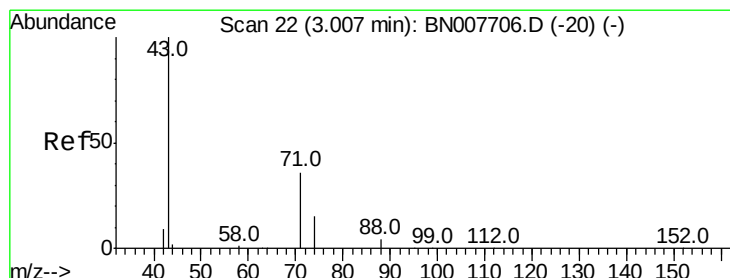
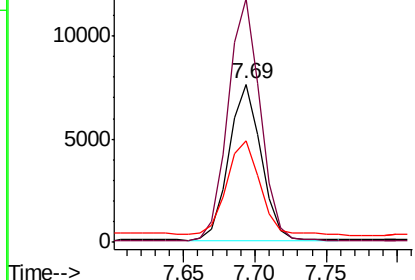
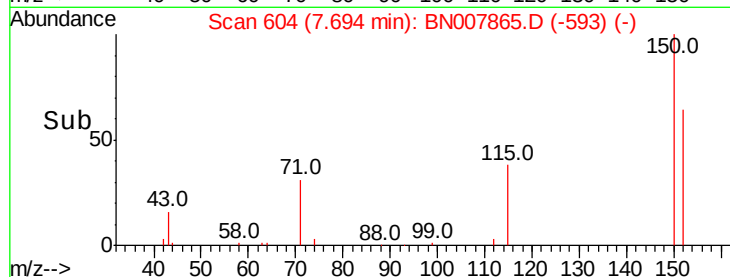
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007865.D
Acq: 25 Sep 2019 21:52

Instrument :
BNA_N
ClientSampleId :
EXT-SW093-091819-1

Tot Ion:152 Resp: 11709
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 64.5 53.3 79.9



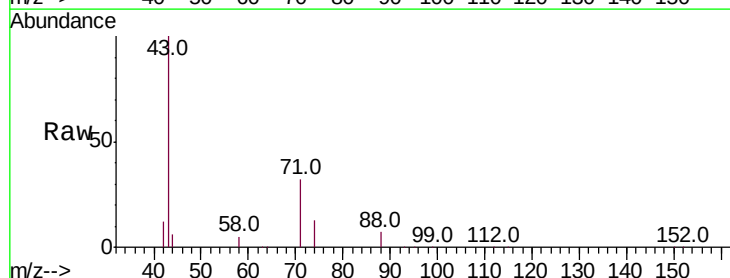
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



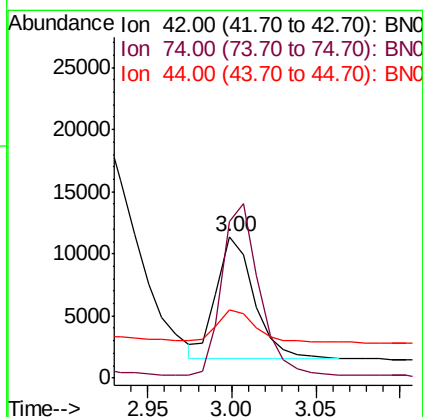
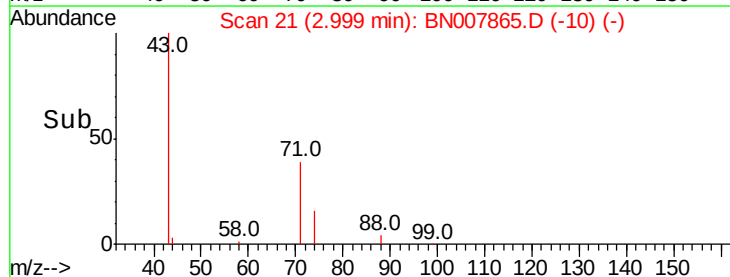
#3

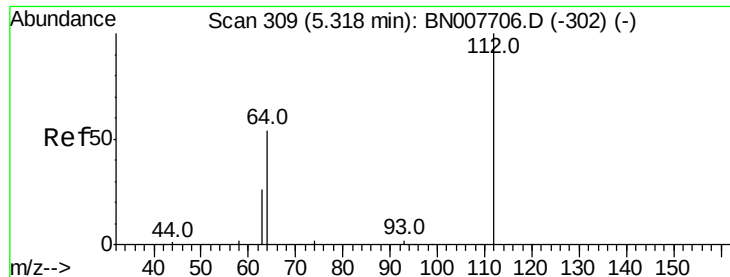
n-Nitrosodimethylamine
Concen: 2.563 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007865.D
Acq: 25 Sep 2019 21:52

Tgt Ion: 42 Resp: 15321
Ion Ratio Lower Upper
42 100
74 138.6 87.9 131.9#
44 26.2 29.4 44.0#



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





#4

2-Fluorophenol

Concen: 0.032 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

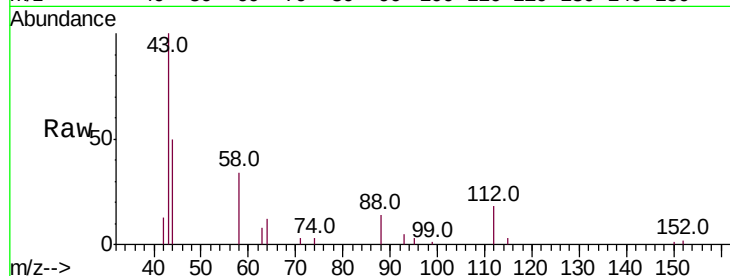
Tot Ion:112 Resp: 1286

Ion Ratio Lower Upper

112 100

64 58.8 46.6 70.0

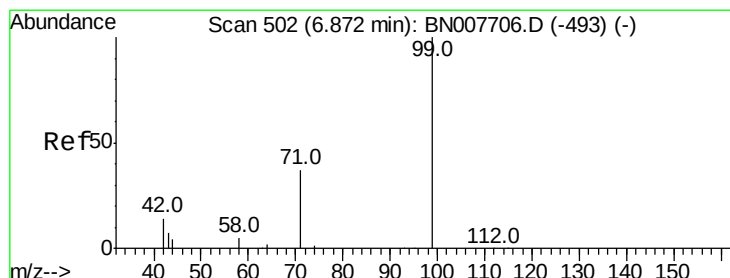
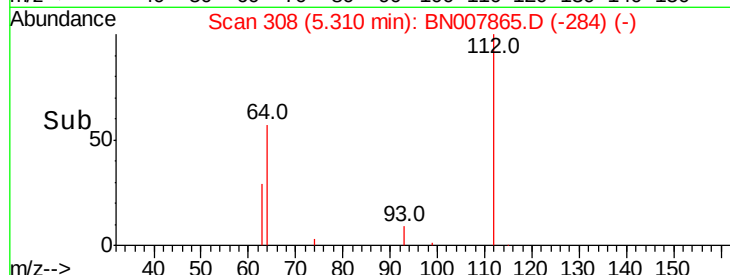
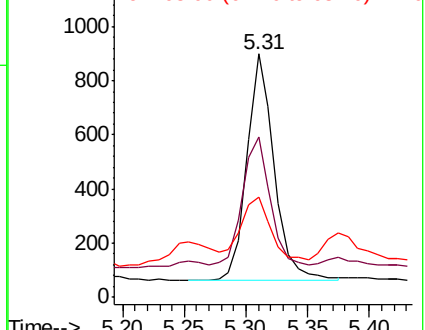
63 32.4 23.1 34.7



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: 0.031 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

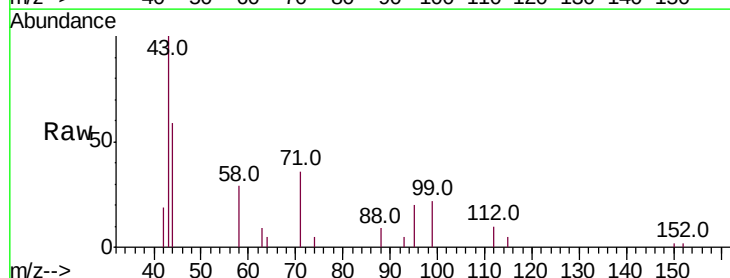
Tgt Ion: 99 Resp: 1861

Ion Ratio Lower Upper

99 100

42 0.0 12.8 19.2#

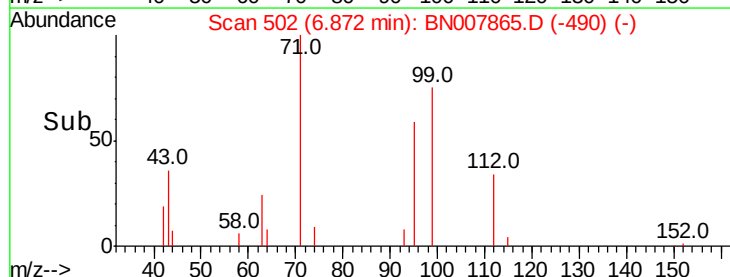
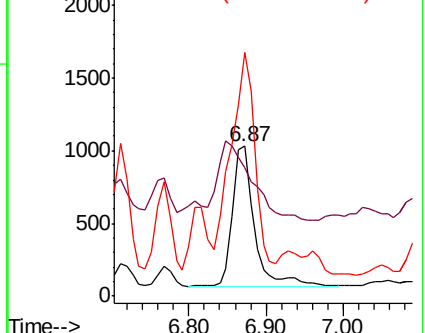
71 163.1 27.6 41.4#

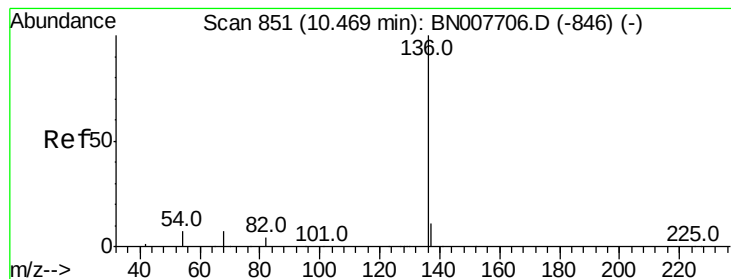


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

Tot Ion:136 Resp: 46244

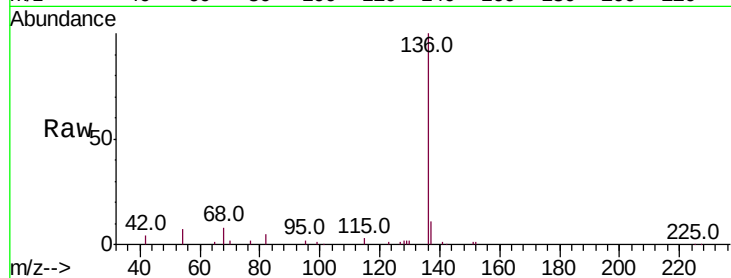
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.1 5.8 8.8

68 7.7 6.5 9.7

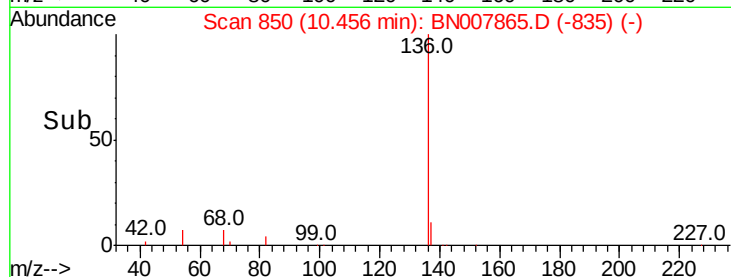


Abundance Ion 136.00 (135.70 to 136.70): E

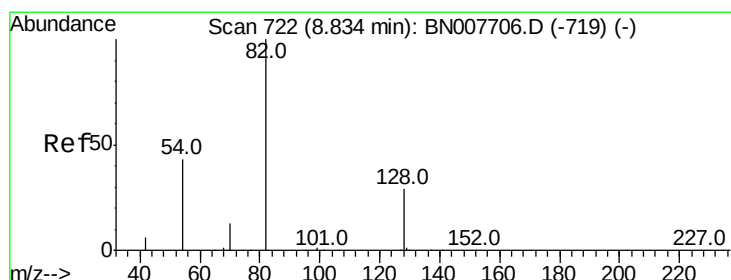
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.036 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

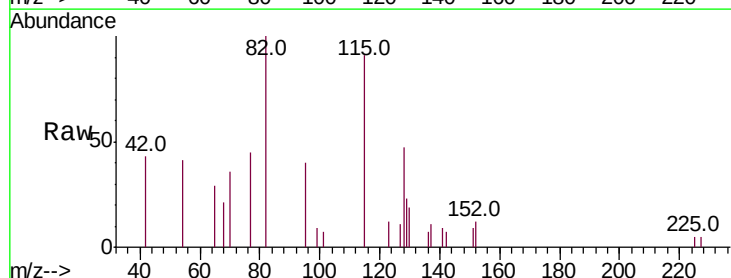
Tgt Ion: 82 Resp: 1462

Ion Ratio Lower Upper

82 100

128 47.0 24.5 36.7#

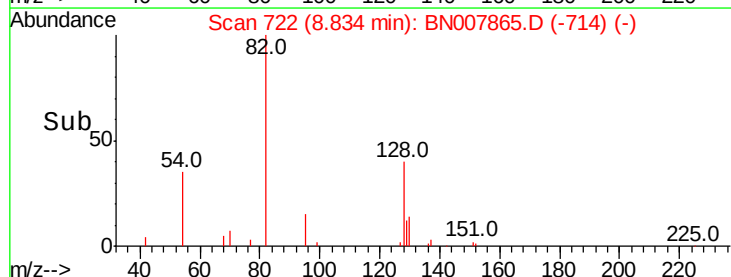
54 41.2 35.2 52.8



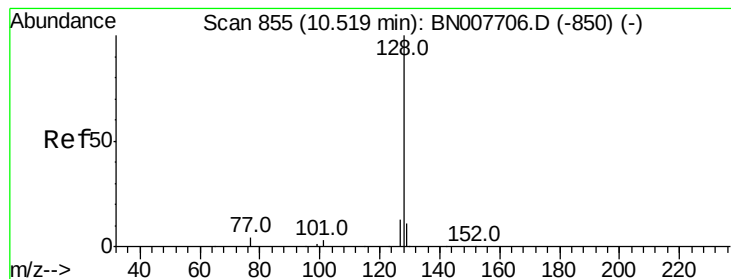
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 1.399 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

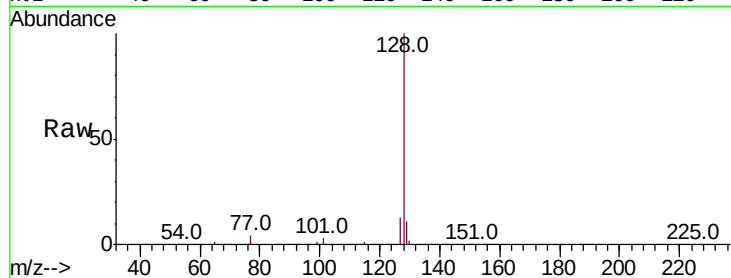
Tot Ion:128 Resp: 181585

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

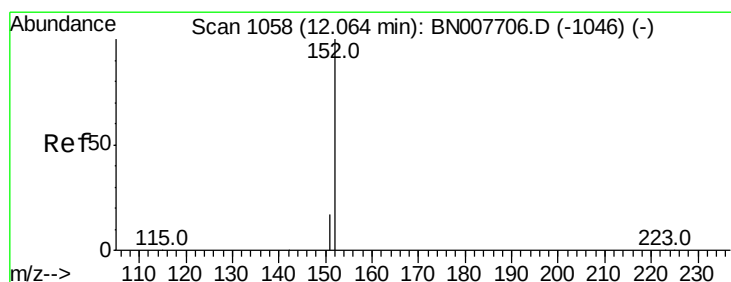
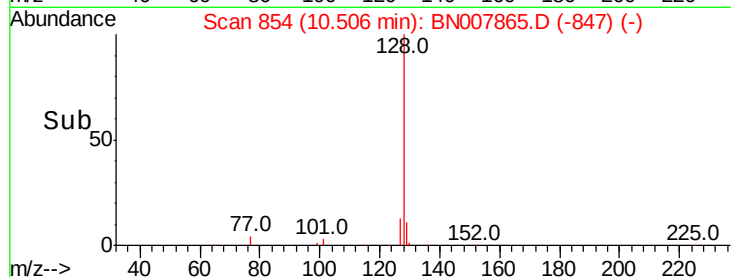
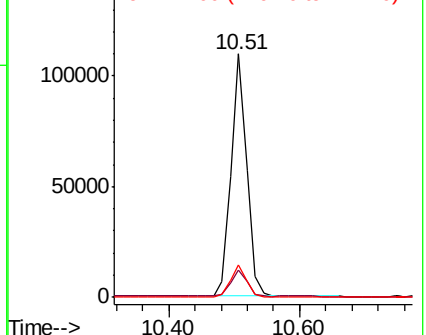
127 13.1 10.6 15.8



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



#11

2-Methylnaphthalene-d10

Concen: 0.036 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007865.D

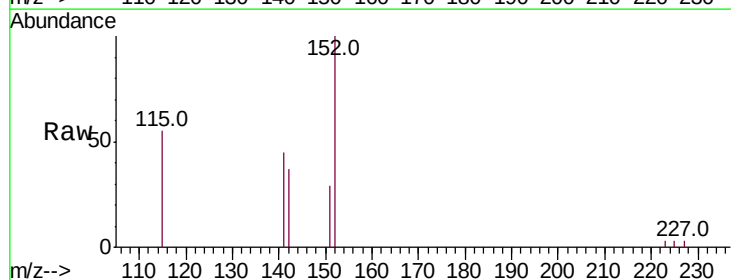
Acq: 25 Sep 2019 21:52

Tgt Ion:152 Resp: 2786

Ion Ratio Lower Upper

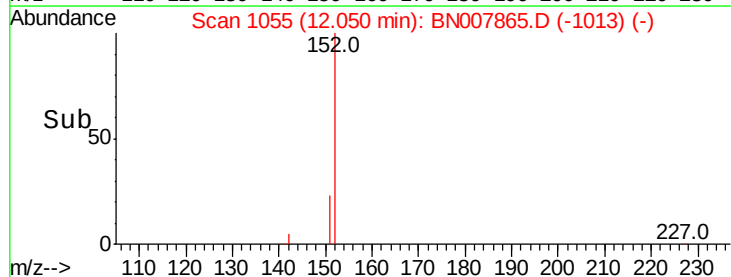
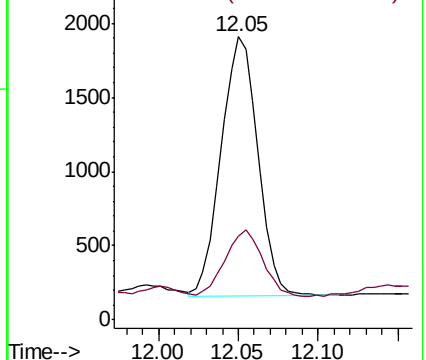
152 100

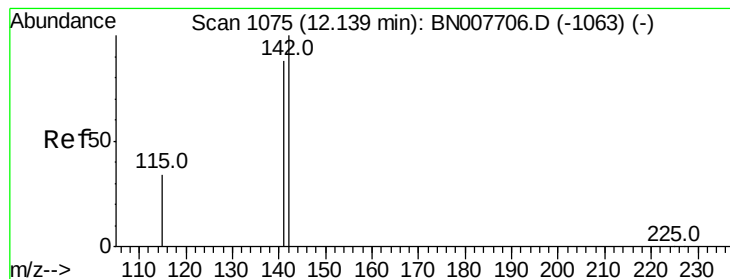
151 26.2 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 1.754 ng

RT: 12.13 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

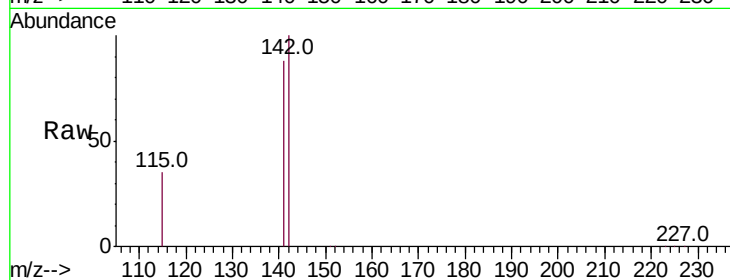
Tot Ion:142 Resp: 153826

Ion Ratio Lower Upper

142 100

141 88.0 70.6 106.0

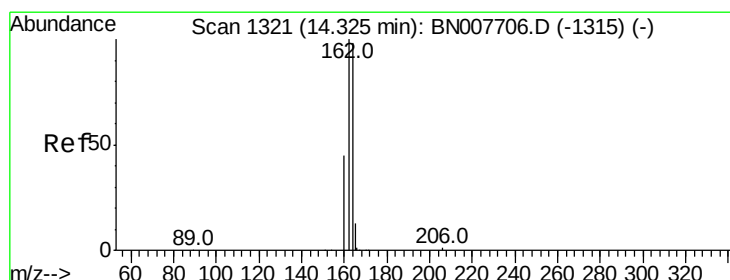
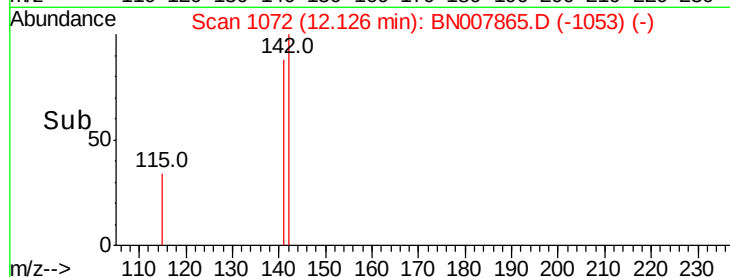
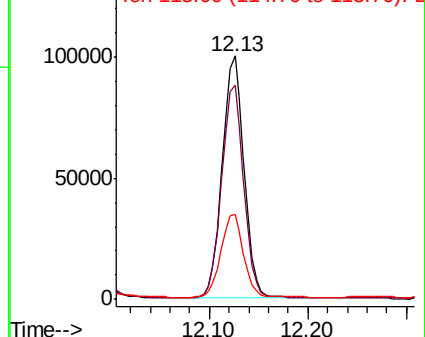
115 34.9 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

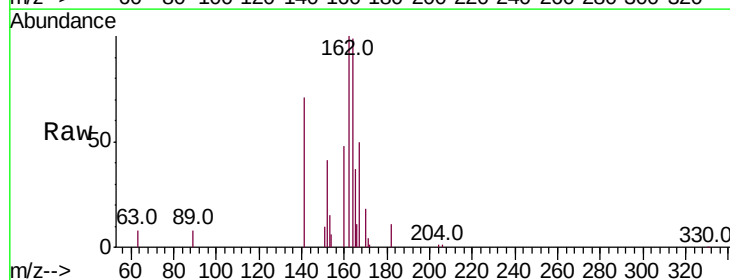
Tgt Ion:164 Resp: 29909

Ion Ratio Lower Upper

164 100

162 101.0 81.7 122.5

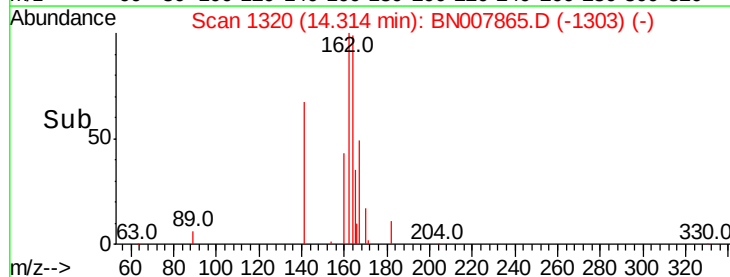
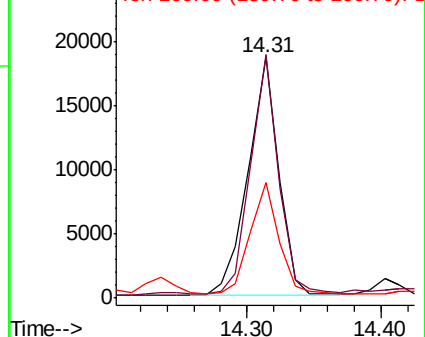
160 48.0 37.0 55.4

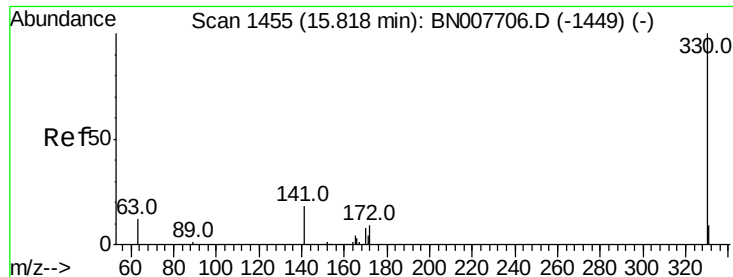


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

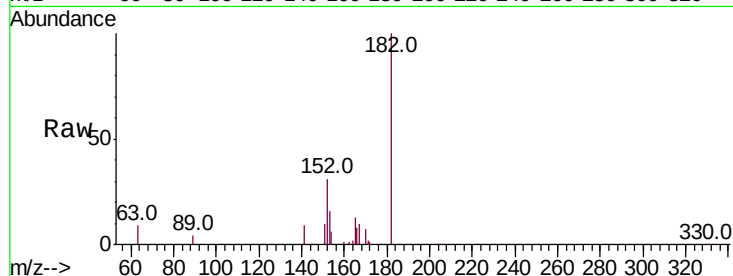




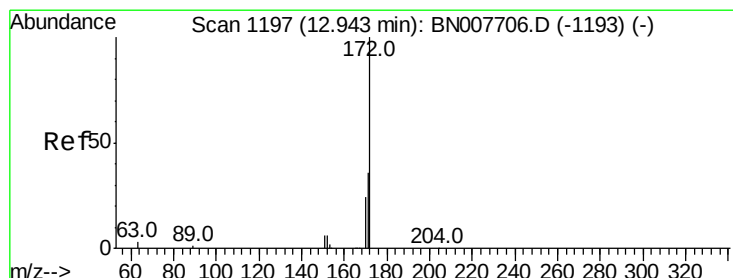
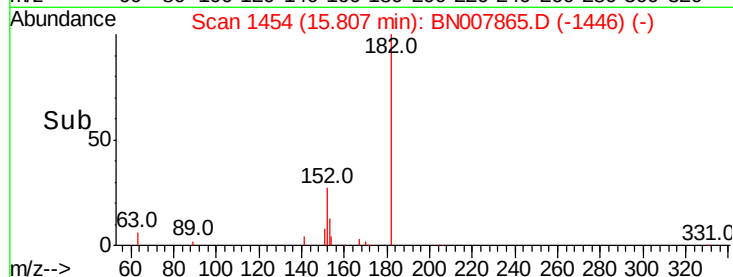
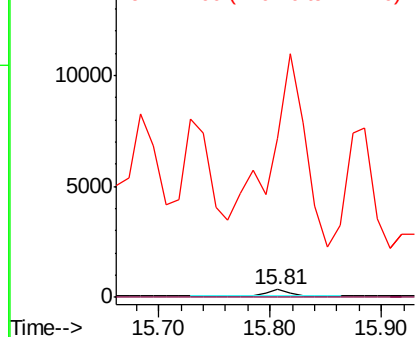
#14
2,4,6-Tribromophenol
Concen: 0.026 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007865.D
Acq: 25 Sep 2019 21:52

Instrument :
BNA_N
ClientSampleId :
EXT-SW093-091819-1

Tot Ion:330 Resp: 422
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 4646.9 28.7 43.1#

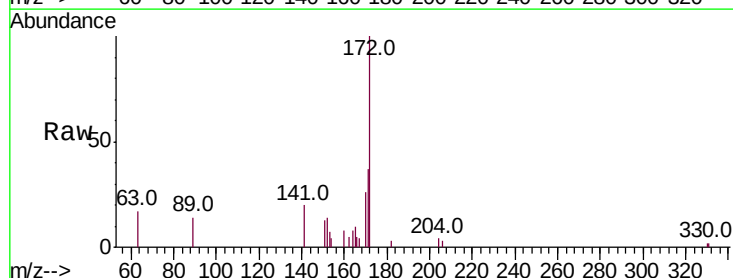


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

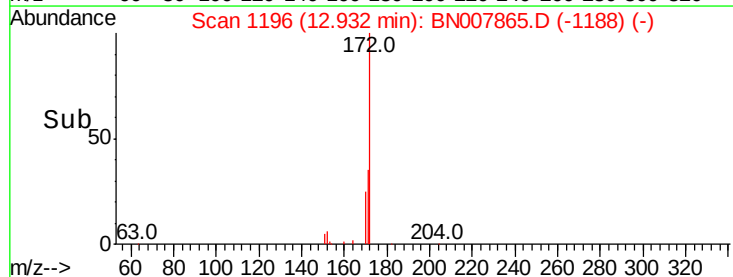
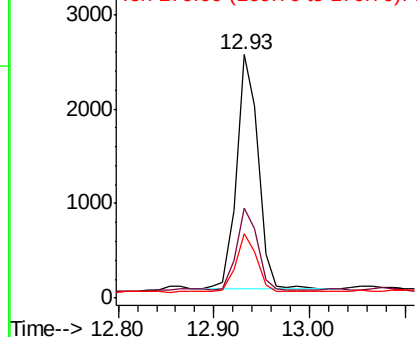


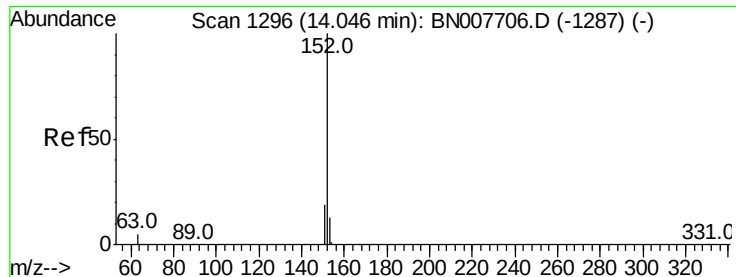
#15
2-Fluorobiphenyl
Concen: 0.032 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007865.D
Acq: 25 Sep 2019 21:52

Tgt Ion:172 Resp: 3925
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 26.3 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: 10.029 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

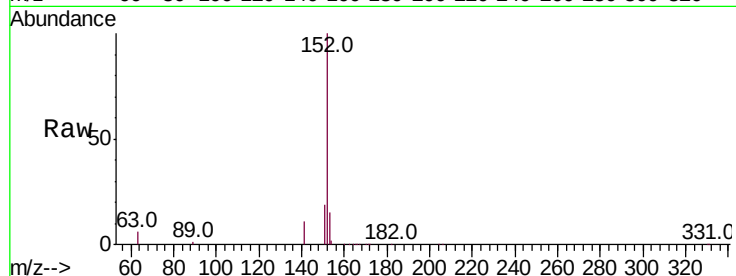
BNA_N

ClientSampleId :

EXT-SW093-091819-1

Tot Ion:152 Resp: 1590855

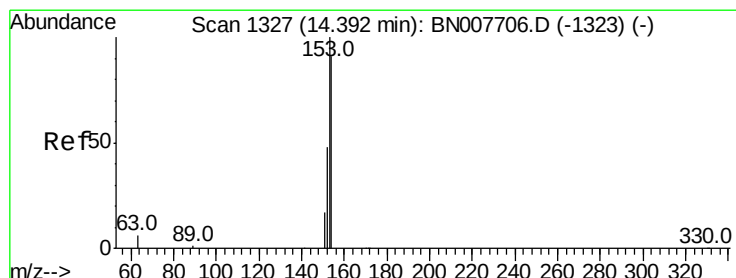
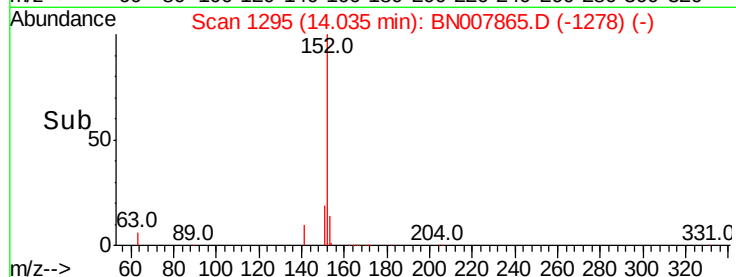
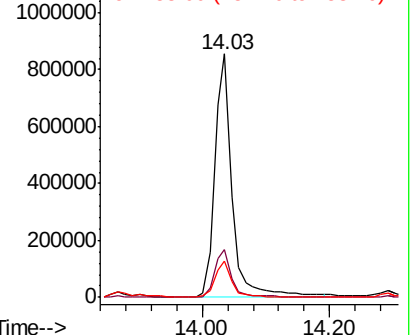
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	14.3	10.4	15.6



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: 2.362 ng

RT: 14.38 min Scan# 1326

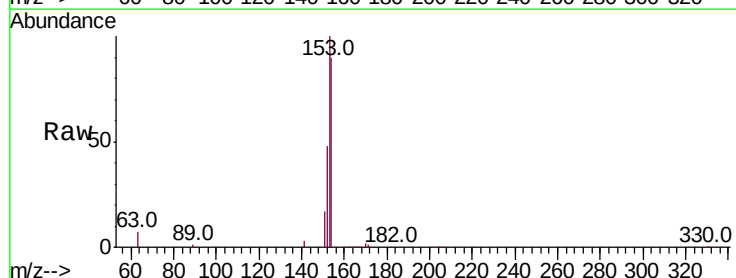
Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Tgt Ion:154 Resp: 241563

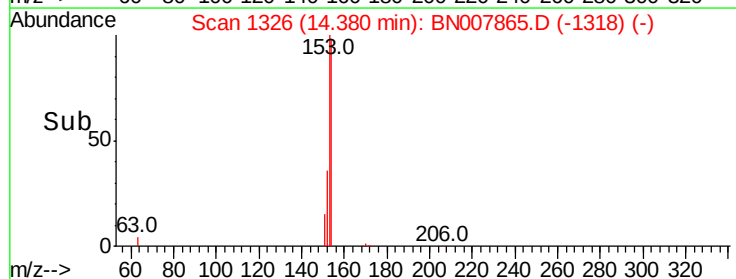
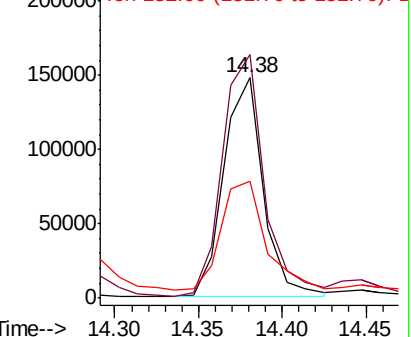
Ion	Ratio	Lower	Upper
154	100		
153	116.8	87.0	130.4
152	57.0	42.7	64.1

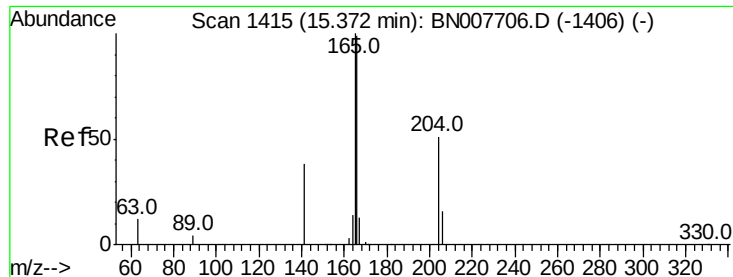


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 4.486 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

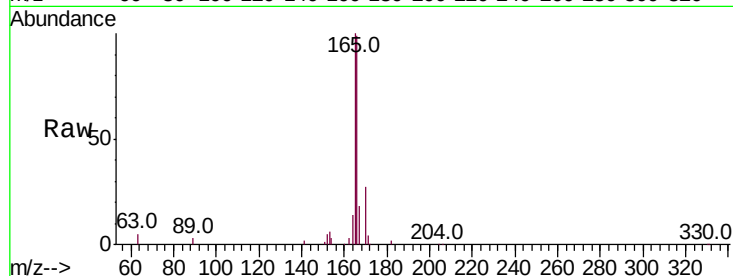
Tot Ion:166 Resp: 587937

Ion Ratio Lower Upper

166 100

165 107.5 78.0 117.0

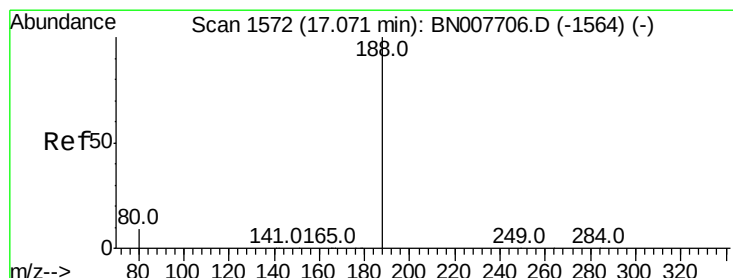
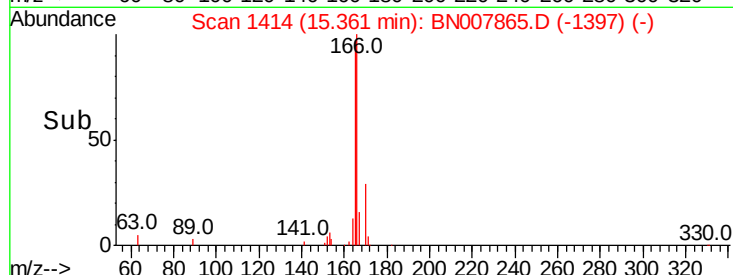
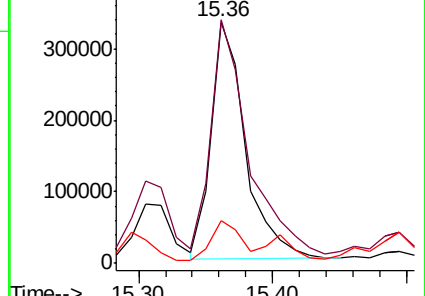
167 16.6 10.9 16.3#



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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

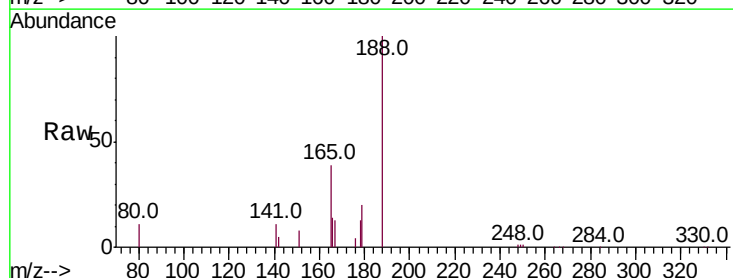
Tgt Ion:188 Resp: 48649

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

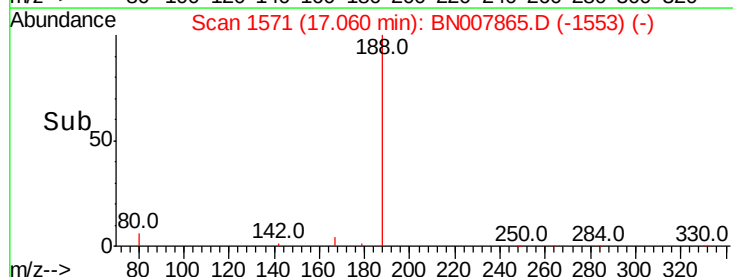
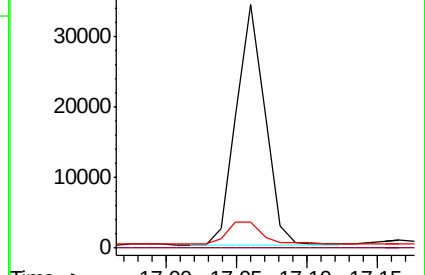
80 10.6 7.4 11.2

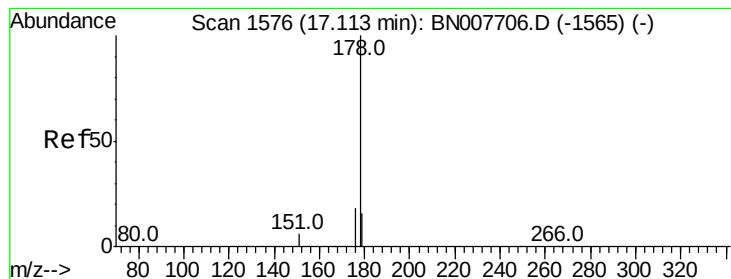


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 59.534 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

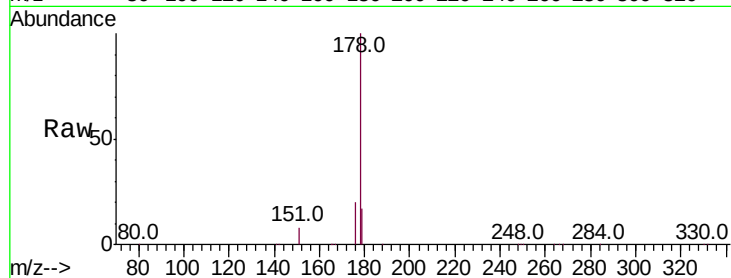
Tot Ion:178 Resp: 9022306

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

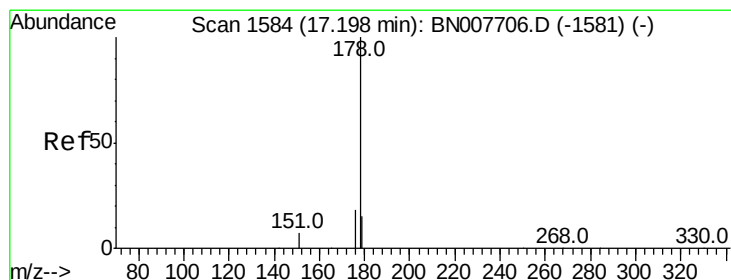
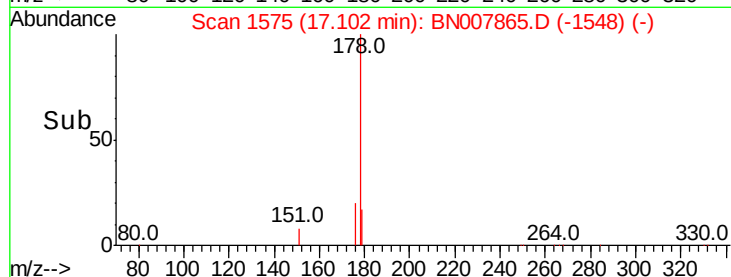
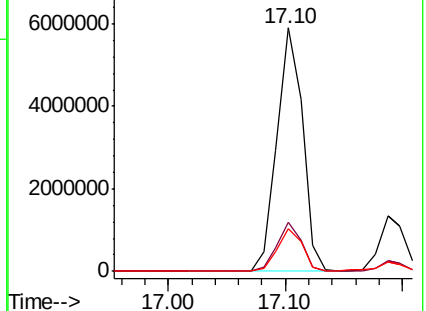
179 17.1 12.5 18.7



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: 14.580 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

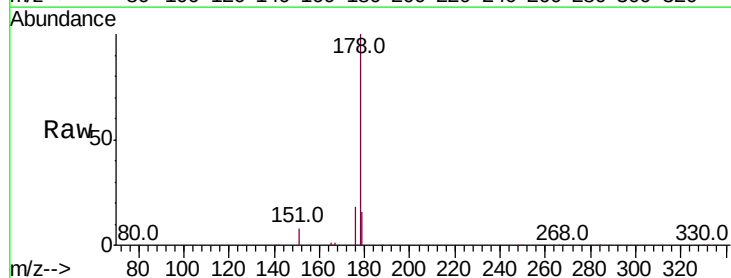
Tgt Ion:178 Resp: 1995606

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

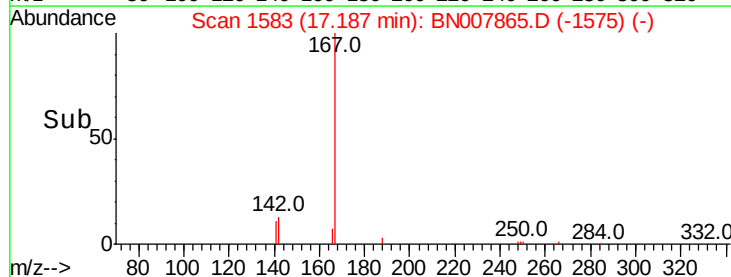
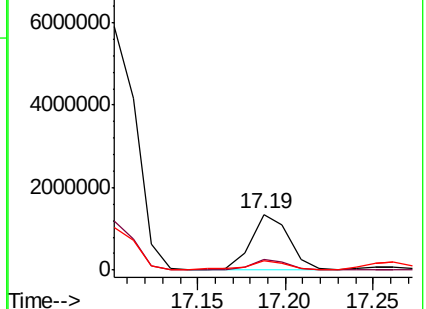
179 16.5 12.2 18.4

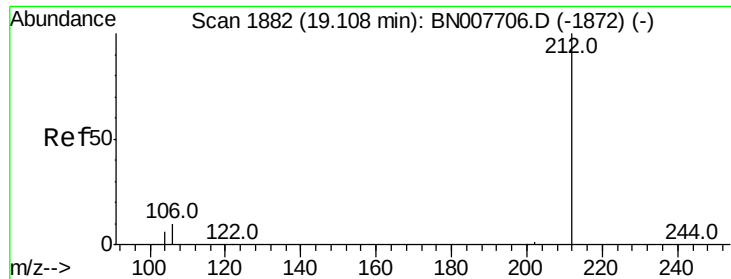


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

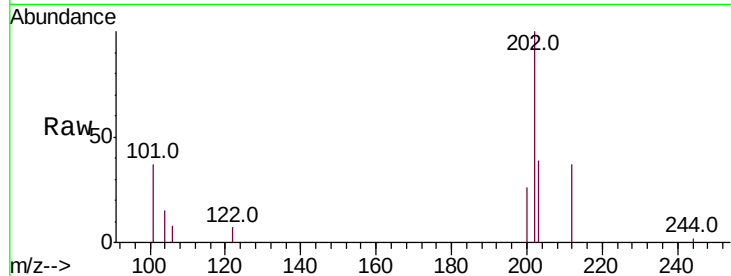




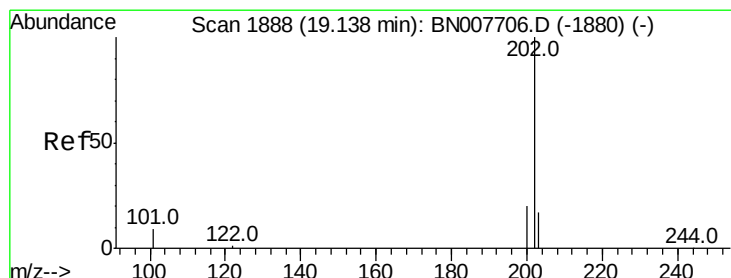
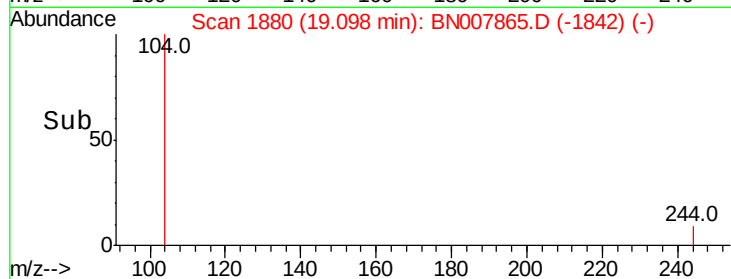
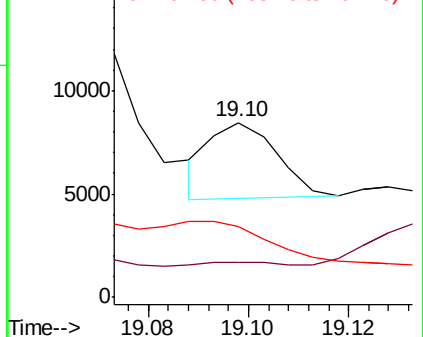
#25
Fluoranthene-d10
Concen: 0.021 ng
RT: 19.10 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BN007865.D
Acq: 25 Sep 2019 21:52

Instrument :
BNA_N
ClientSampleId :
EXT-SW093-091819-1

Tot Ion:212 Resp: 3438
Ion Ratio Lower Upper
212 100
106 17.9 9.4 14.0#
104 0.0 5.3 7.9#

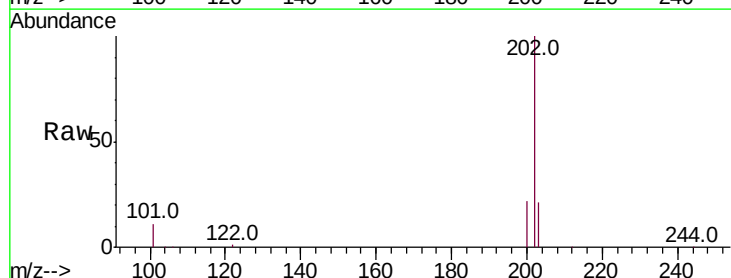


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

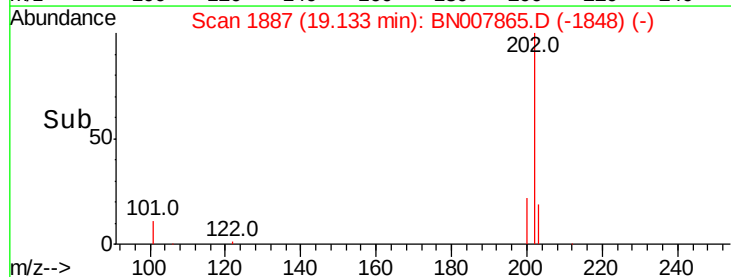
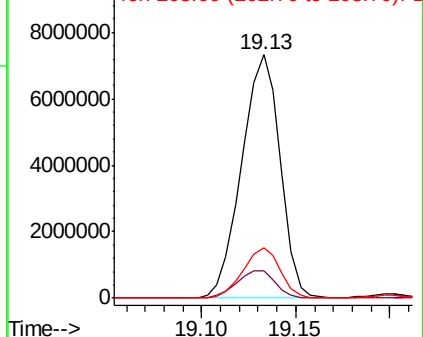


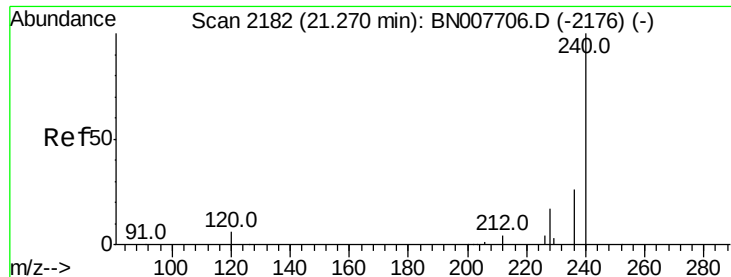
#26
Fluoranthene
Concen: 55.039 ng
RT: 19.13 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BN007865.D
Acq: 25 Sep 2019 21:52

Tgt Ion:202 Resp:10371699
Ion Ratio Lower Upper
202 100
101 11.3 8.4 12.6
203 19.8 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
1e+07 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: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

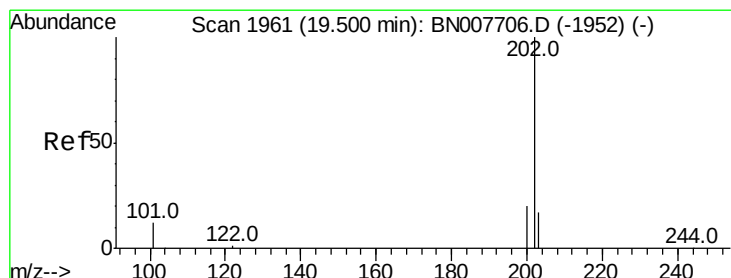
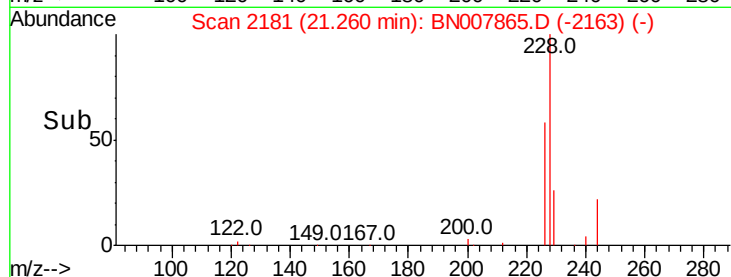
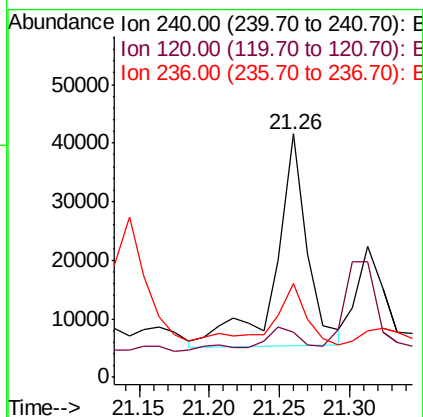
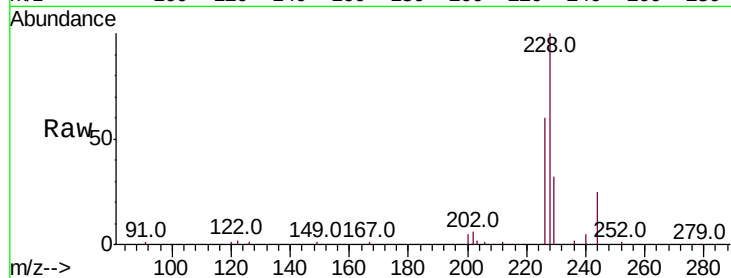
Tot Ion:240 Resp: 56602

Ion Ratio Lower Upper

240 100

120 18.3 5.4 8.2#

236 38.4 21.0 31.4#



#28

Pyrene

Concen: 69.043 ng

RT: 19.50 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

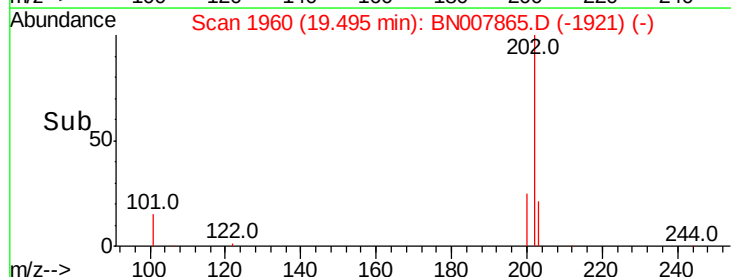
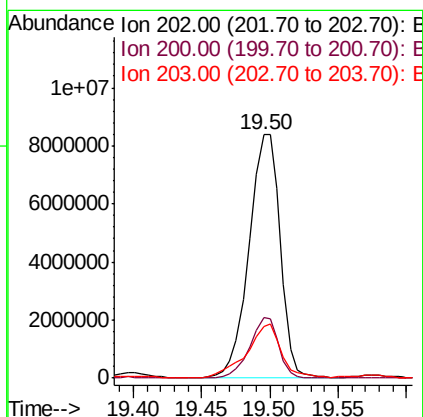
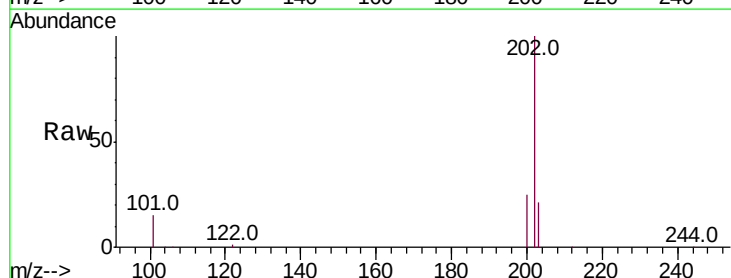
Tgt Ion:202 Resp:13328445

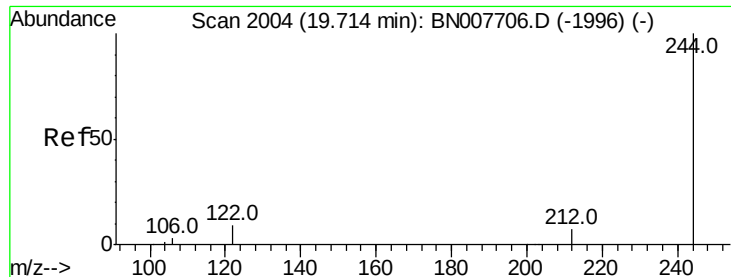
Ion Ratio Lower Upper

202 100

200 22.8 16.4 24.6

203 24.1 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.087 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

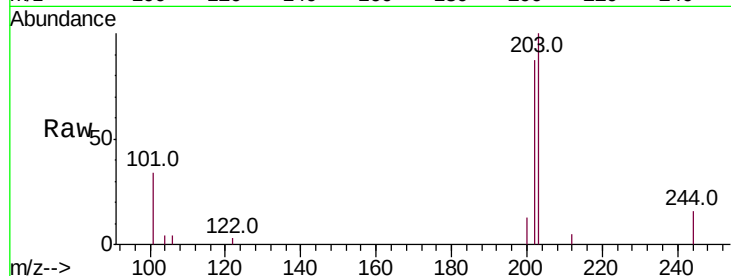
Tot Ion:244 Resp: 12141

Ion Ratio Lower Upper

244 100

212 29.8 5.9 8.9#

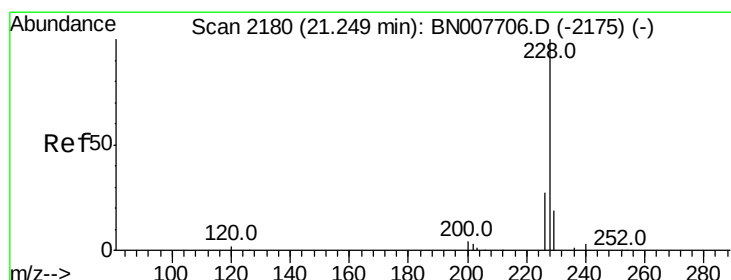
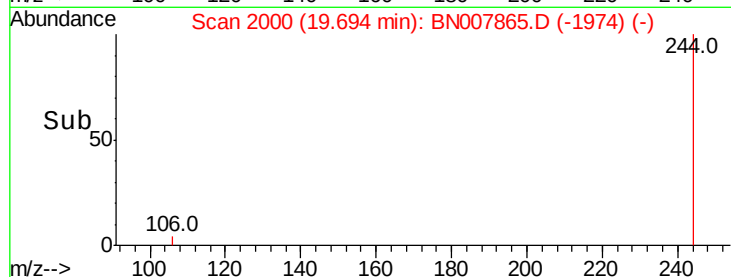
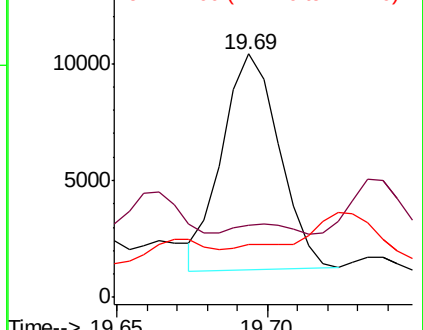
122 21.8 7.4 11.2#



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: 33.082 ng

RT: 21.29 min Scan# 2184

Delta R.T. 0.04 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

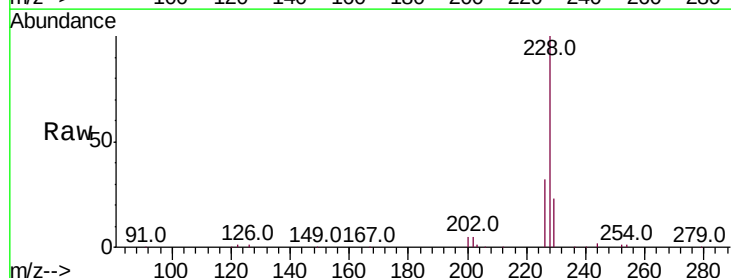
Tgt Ion:228 Resp: 6895542

Ion Ratio Lower Upper

228 100

226 31.5 22.1 33.1

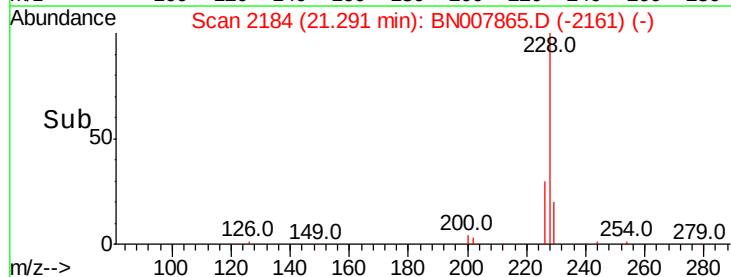
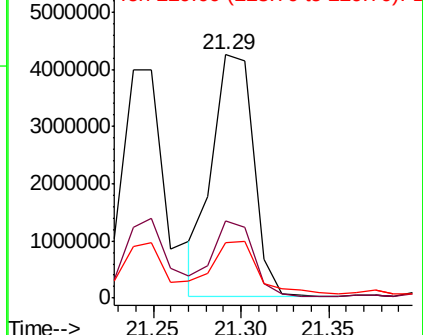
229 23.0 15.8 23.6

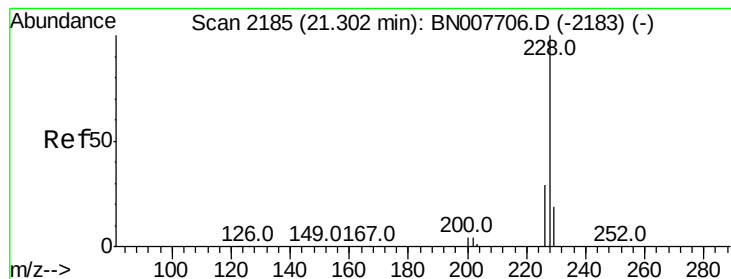


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 33.866 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

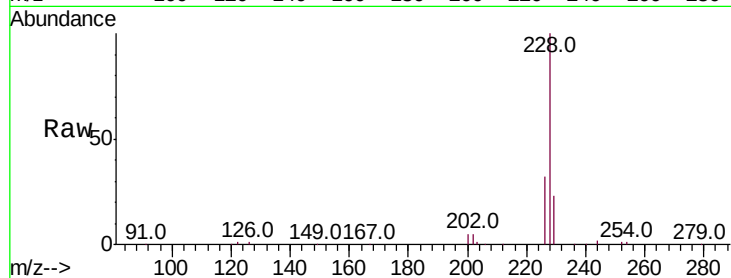
Tot Ion:228 Resp: 6879593

Ion Ratio Lower Upper

228 100

226 31.5 23.9 35.9

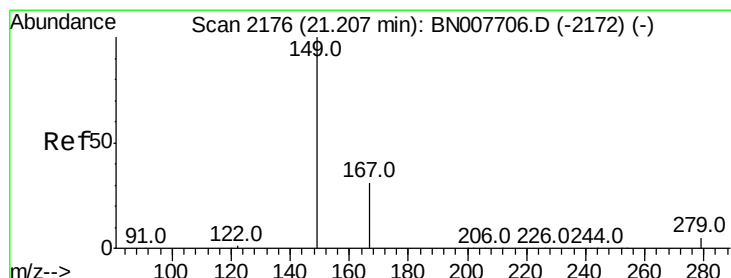
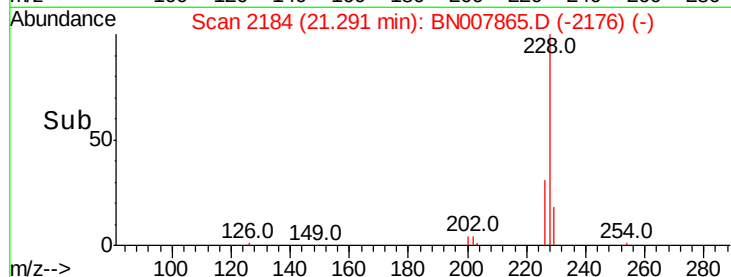
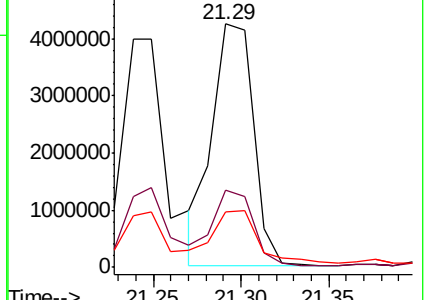
229 23.0 15.8 23.6



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: 0.040 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

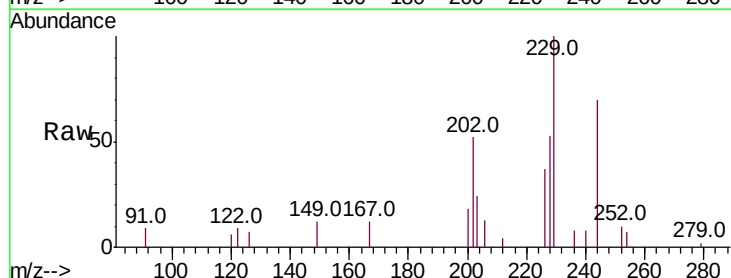
Tgt Ion:149 Resp: 4323

Ion Ratio Lower Upper

149 100

167 0.0 23.7 35.5#

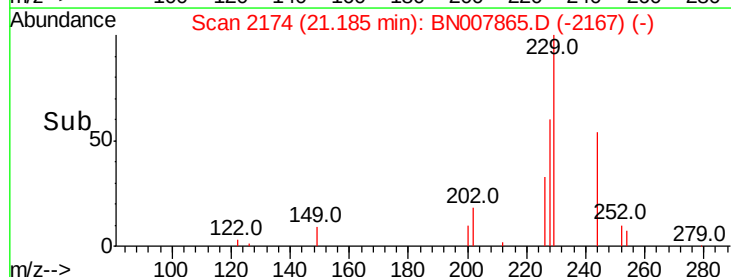
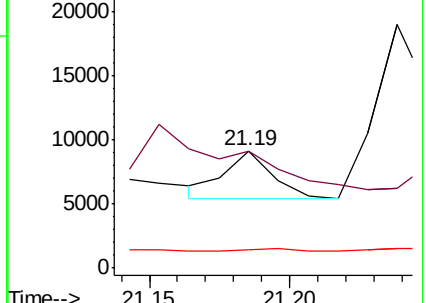
279 7.5 4.2 6.2#

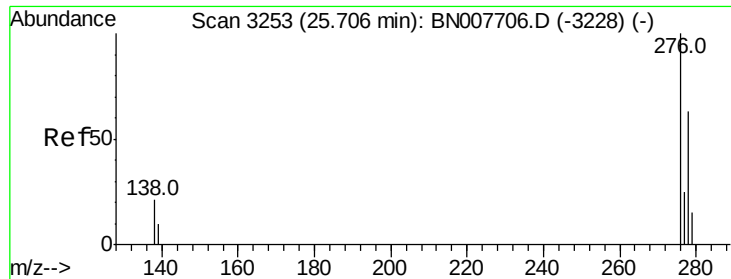


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 14.617 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

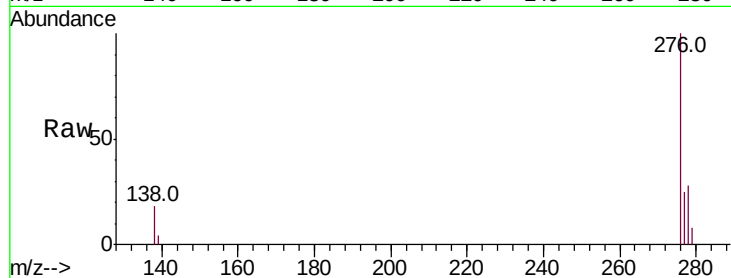
Tot Ion:276 Resp: 3717561

Ion Ratio Lower Upper

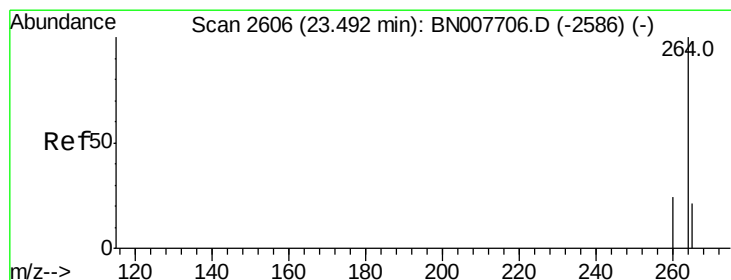
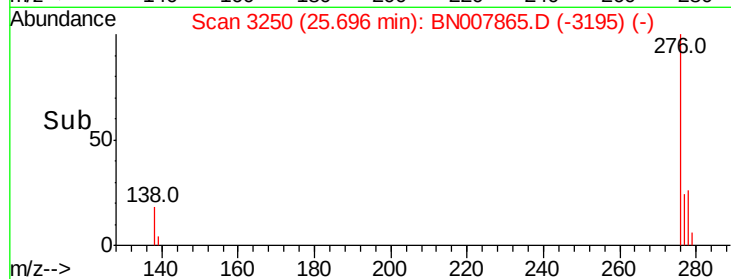
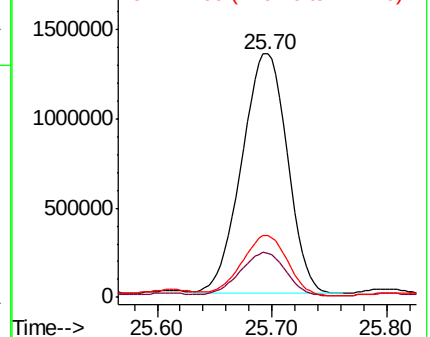
276 100

138 18.2 17.1 25.7

277 25.1 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: 23.47 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

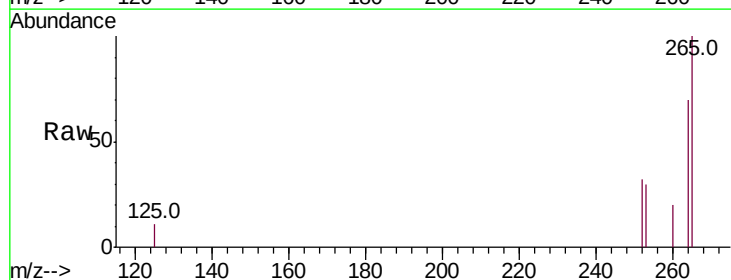
Tgt Ion:264 Resp: 75753

Ion Ratio Lower Upper

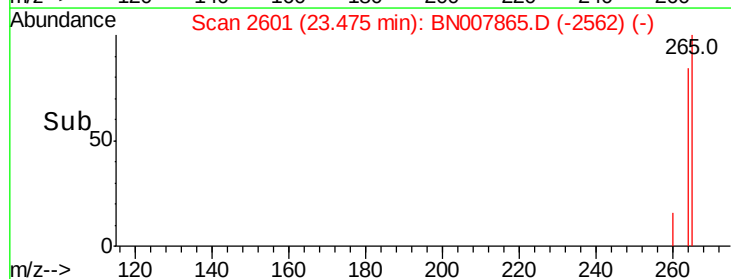
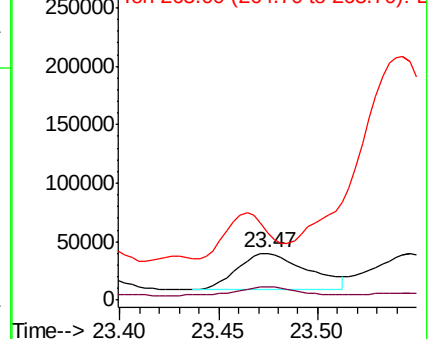
264 100

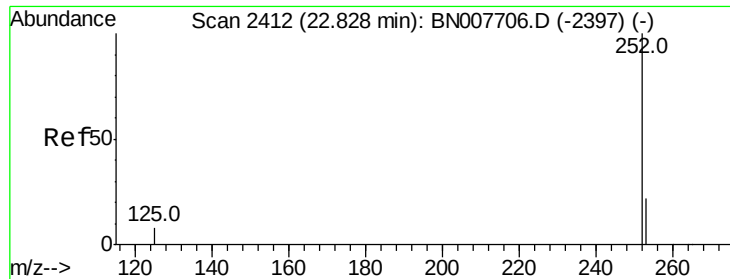
260 28.2 19.3 28.9

265 143.8 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: 25.694 ng

RT: 22.82 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

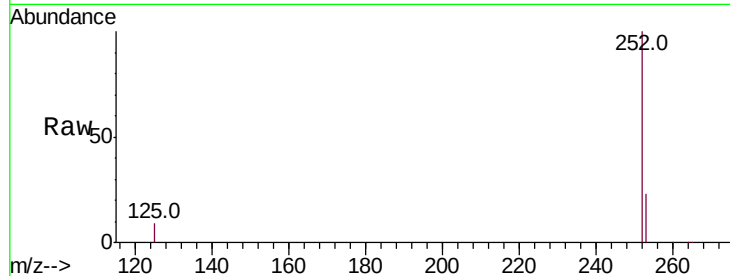
Tot Ion:252 Resp: 6757377

Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

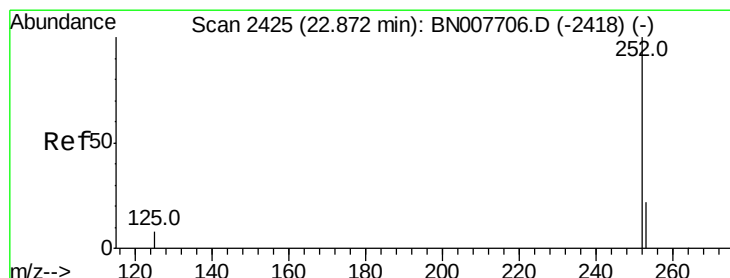
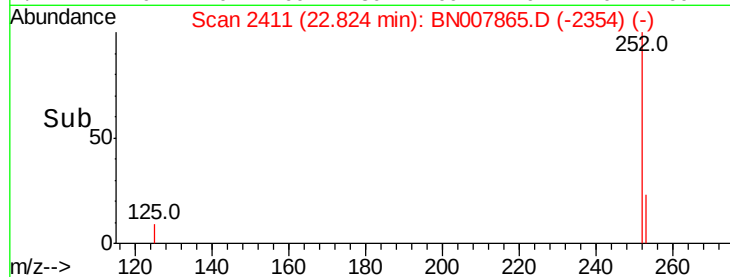
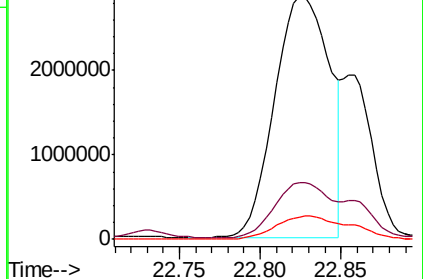
125 9.2 8.2 12.4



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: 25.985 ng

RT: 22.82 min Scan# 2411

Delta R.T. -0.05 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

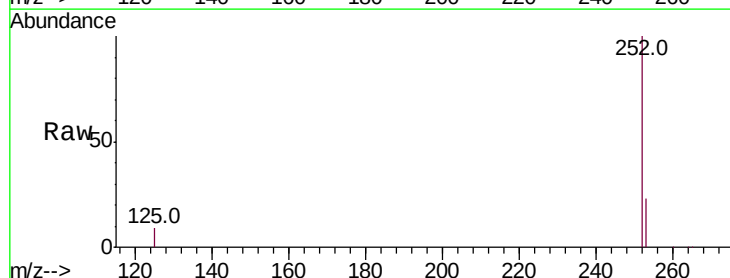
Tgt Ion:252 Resp: 6757377

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

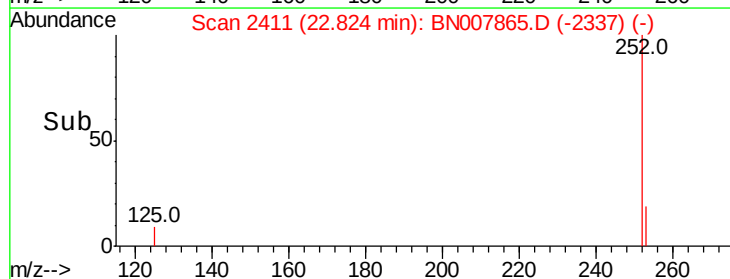
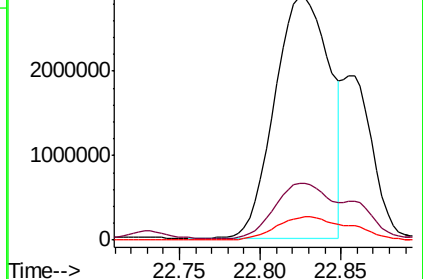
125 9.2 8.4 12.6

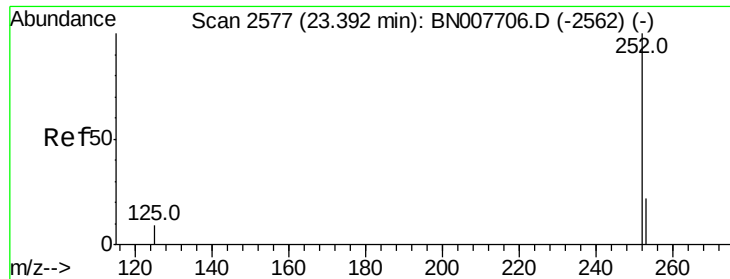


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 17.144 ng

RT: 23.29 min Scan# 2547

Delta R.T. -0.10 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

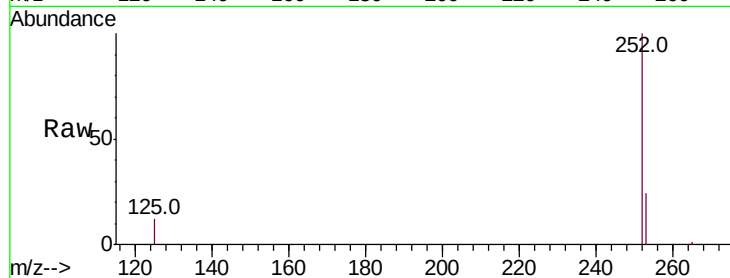
Tot Ion:252 Resp: 4237106

Ion Ratio Lower Upper

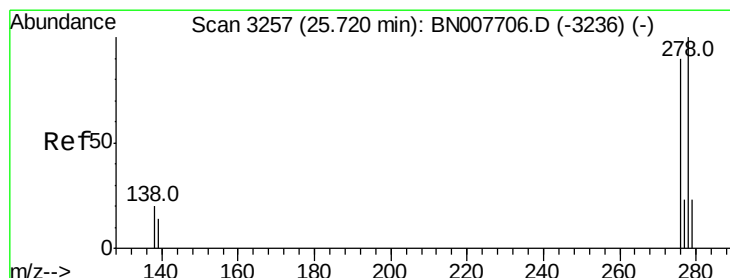
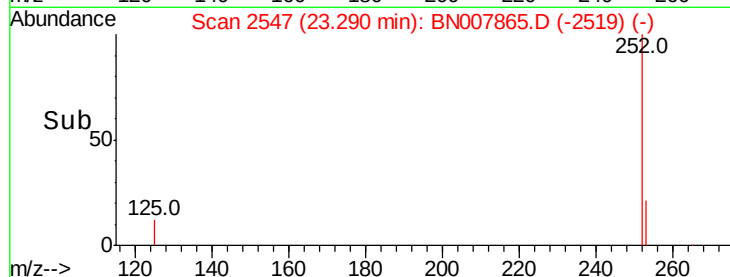
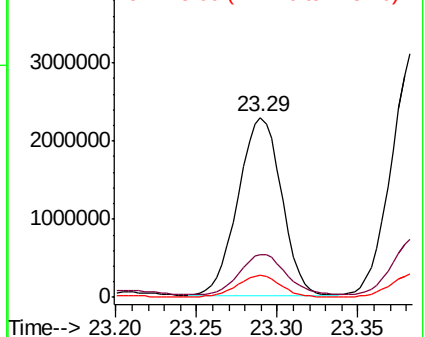
252 100

253 24.0 18.6 27.8

125 12.1 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: 4.346 ng

RT: 25.70 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

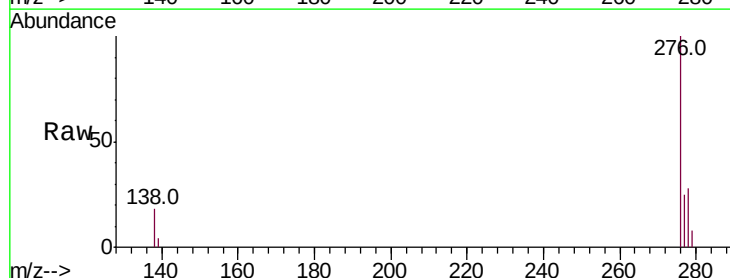
Tgt Ion:278 Resp: 1098907

Ion Ratio Lower Upper

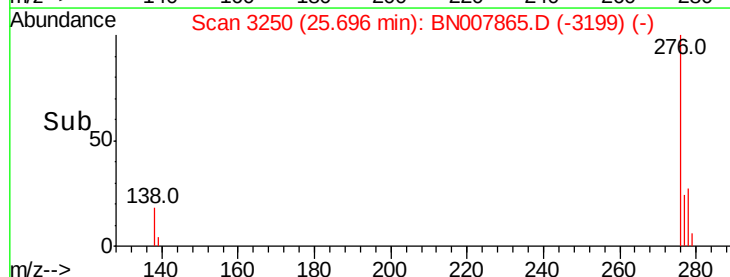
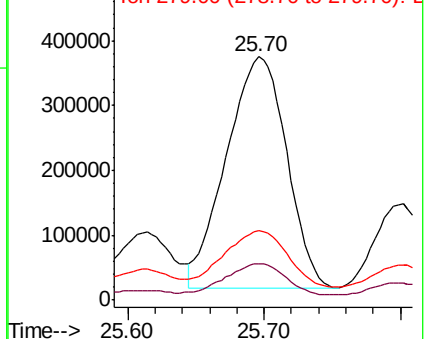
278 100

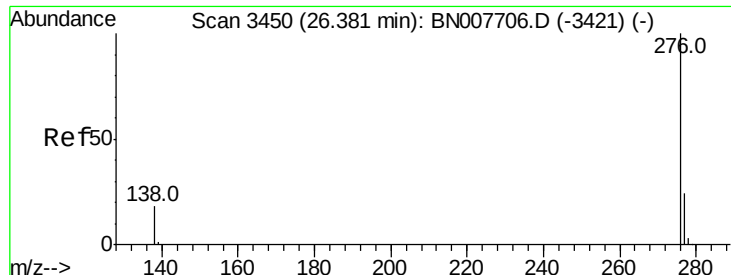
139 14.9 11.8 17.6

279 28.4 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: 16.292 ng

RT: 26.38 min Scan# 3449

Delta R.T. -0.00 min

Lab File: BN007865.D

Acq: 25 Sep 2019 21:52

Instrument :

BNA_N

ClientSampleId :

EXT-SW093-091819-1

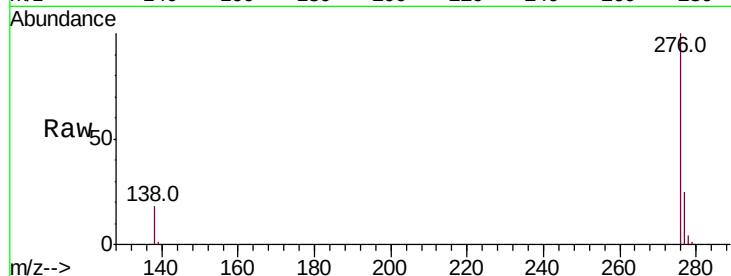
Tot Ion:276 Resp: 4076561

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 18.2 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

