

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007709.D
 Acq On : 18 Sep 2019 17:12
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Sep 18 17:49:57 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 16:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5407	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	22416	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	13128	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	31029	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36324	0.40	ng	0.00
34) Perylene-d12	23.49	264	38590	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	52713	3.20	ng	0.00
5) Phenol-d6	6.87	99	70389	2.78	ng	0.00
8) Nitrobenzene-d5	8.83	82	63606	4.66	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	124385	3.22	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	22162	4.44	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	174175	3.21	ng	0.00
25) Fluoranthene-d10	19.11	212	342435	3.40	ng	0.00
29) Terphenyl-d14	19.71	244	284064	3.01	ng	0.00

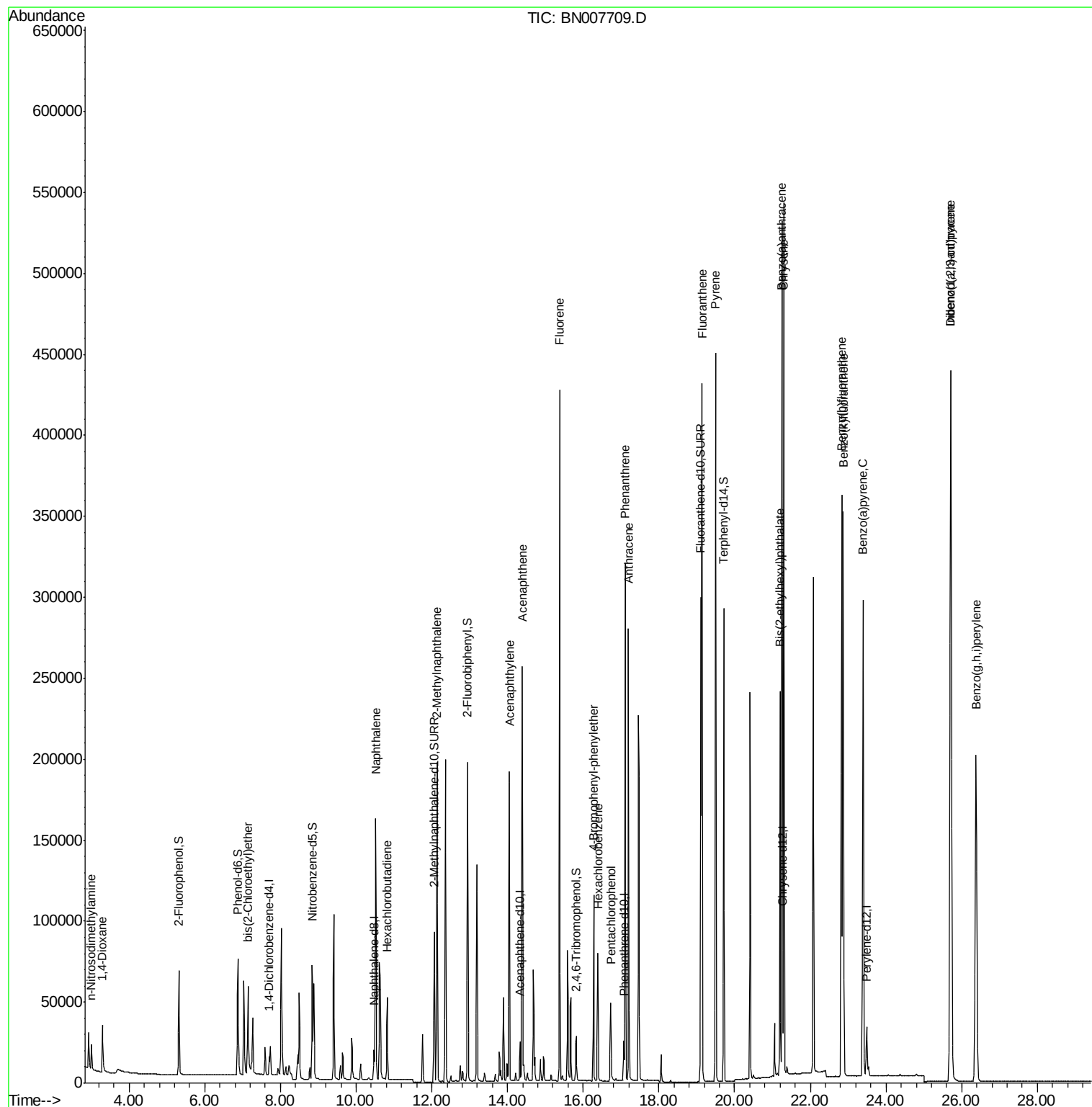
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	22751	3.989	ng	90
3) n-Nitrosodimethylamine	3.01	42	1744	0.540	ng	94
6) bis(2-Chloroethyl)ether	7.14	93	54553	5.115	ng	91
9) Naphthalene	10.52	128	202006	3.204	ng	99
10) Hexachlorobutadiene	10.82	225	41737	3.301	ng	# 100
12) 2-Methylnaphthalene	12.14	142	141188	3.195	ng	99
16) Acenaphthylene	14.05	152	232578	3.299	ng	100
17) Acenaphthene	14.39	154	147532	3.312	ng	99
18) Fluorene	15.37	166	188919	3.221	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	61586	3.357	ng	98
21) Hexachlorobenzene	16.39	284	66905	3.467	ng	99
22) Pentachlorophenol	16.73	266	27286	5.087	ng	98
23) Phenanthrene	17.11	178	314671	3.286	ng	100
24) Anthracene	17.20	178	294004	3.328	ng	100
26) Fluoranthene	19.14	202	391152	3.366	ng	100
28) Pyrene	19.50	202	393563	3.015	ng	100
30) Benzo(a)anthracene	21.25	228	435276	3.349	ng	99
31) Chrysene	21.30	228	421769	3.194	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	207660	4.669	ng	99
33) Indeno(1,2,3-cd)pyrene	25.71	276	511941	3.667	ng	100
35) Benzo(b)fluoranthene	22.83	252	441938	3.221	ng	97
36) Benzo(k)fluoranthene	22.87	252	423193	3.121	ng	97
37) Benzo(a)pyrene	23.39	252	408277	3.346	ng	97
38) Dibenzo(a,h)anthracene	25.72	278	417099	3.405	ng	99
39) Benzo(g,h,i)perylene	26.38	276	413372	3.332	ng	99

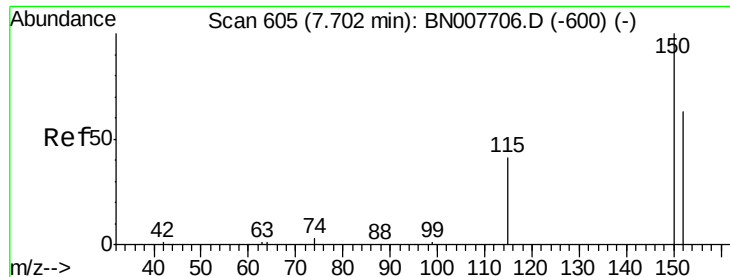
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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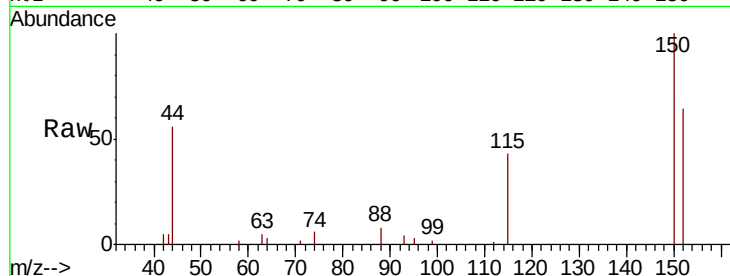


#1

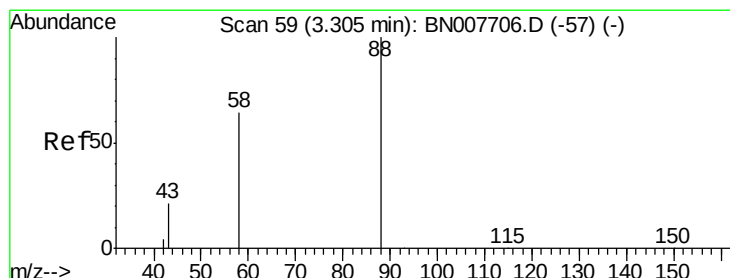
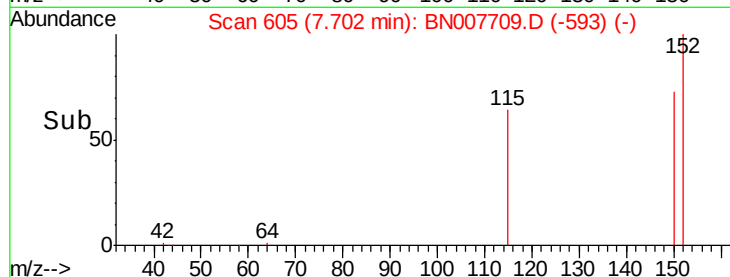
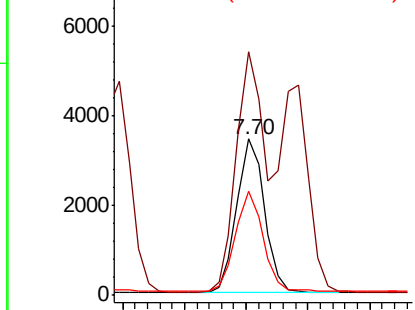
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 5407
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 66.4 53.3 79.9



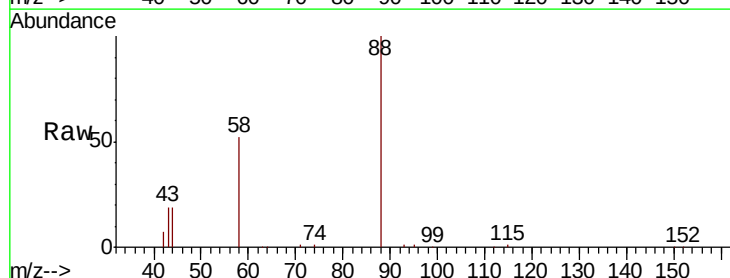
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



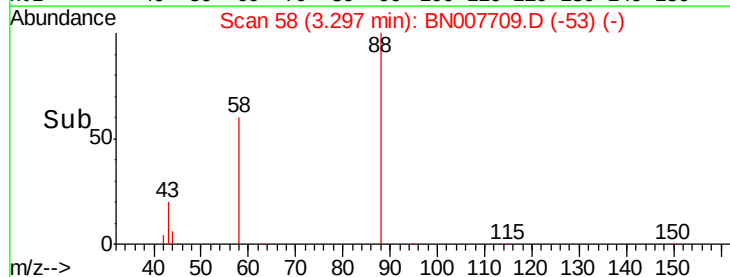
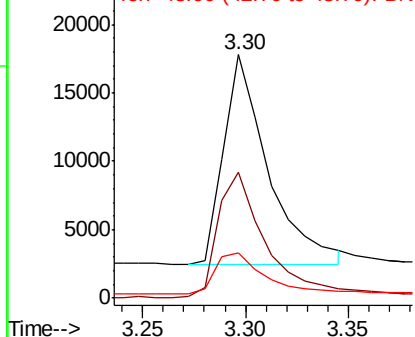
#2

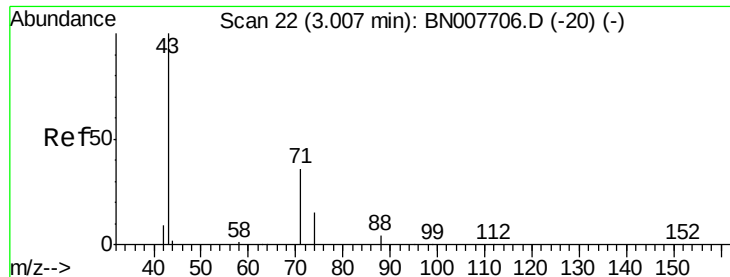
1,4-Dioxane
Concen: 3.989 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion: 88 Resp: 22751
Ion Ratio Lower Upper
88 100
58 63.4 44.6 66.8
43 21.5 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: 0.540 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

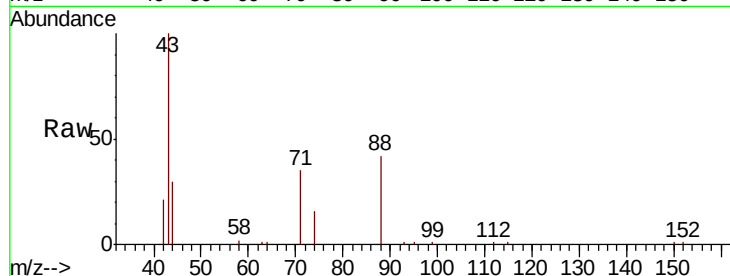
Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion: 42 Resp: 1744

Ion	Ratio	Lower	Upper
42	100		
74	106.3	87.9	131.9
44	29.6	29.4	44.0

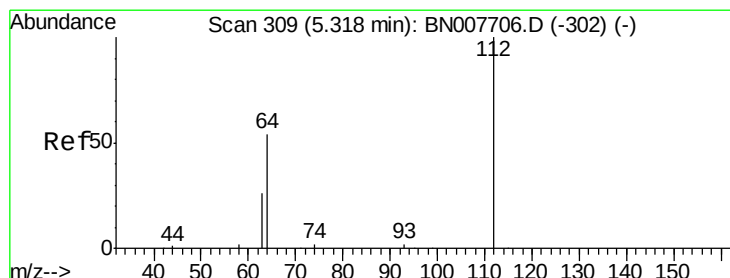
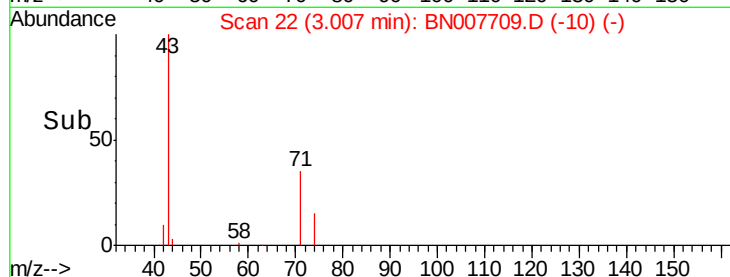
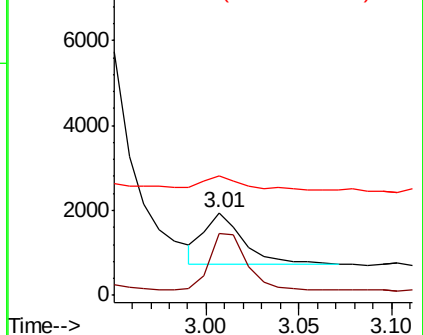


Abundance

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: 3.201 ng

RT: 5.32 min Scan# 309

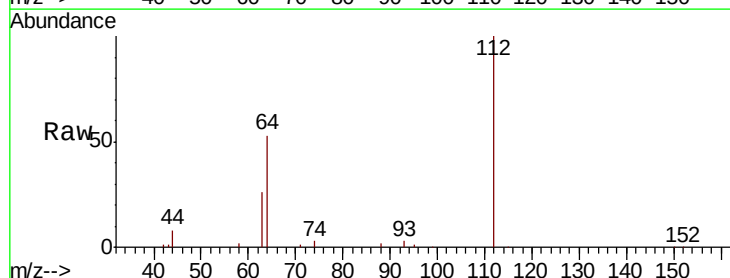
Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Tgt Ion: 112 Resp: 52713

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	29.5	23.1	34.7

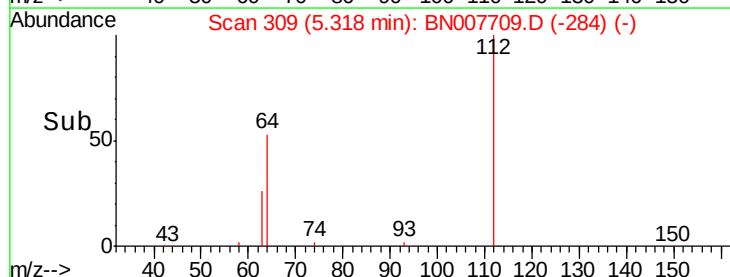
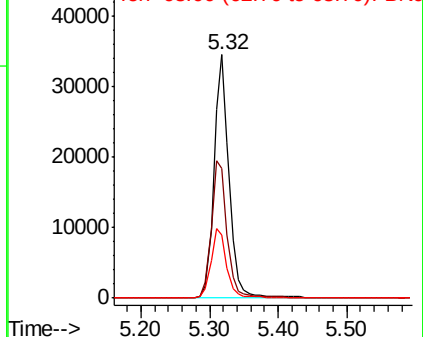


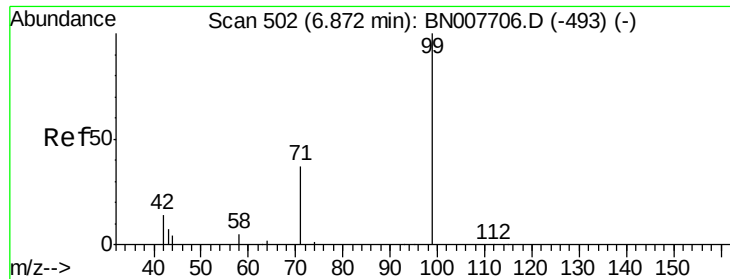
Abundance

Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 2.785 ng

RT: 6.87 min Scan# 502

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

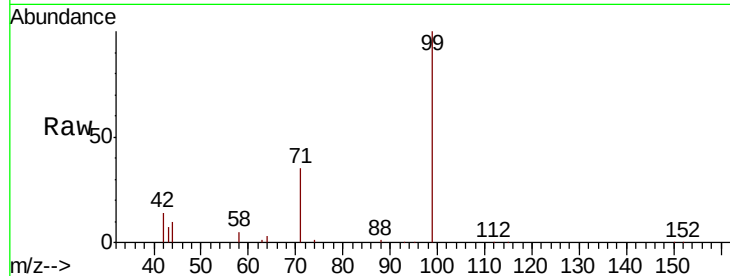
Tot Ion: 99 Resp: 70389

Ion Ratio Lower Upper

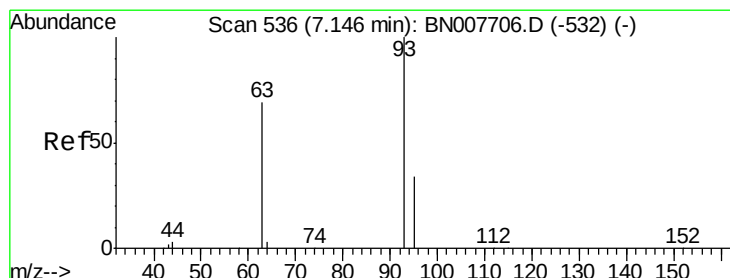
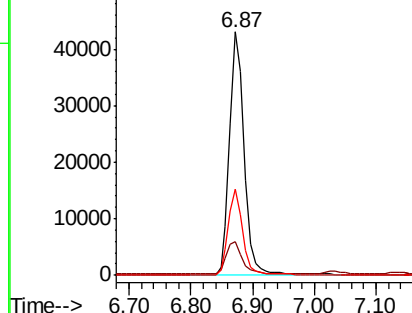
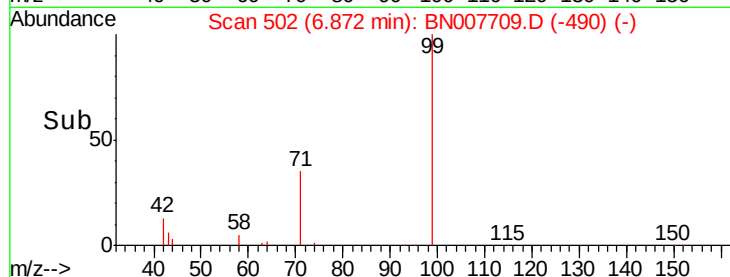
99 100

42 14.4 12.8 19.2

71 34.8 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



#6

bis(2-Chloroethyl)ether

Concen: 5.115 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

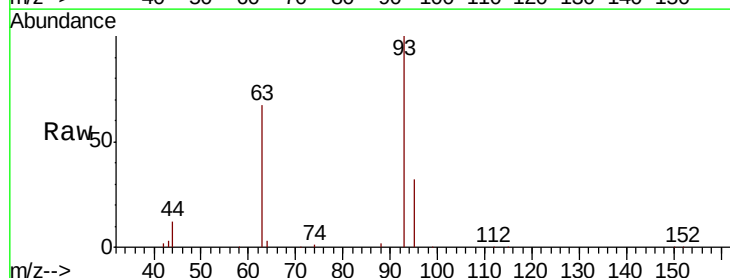
Tgt Ion: 93 Resp: 54553

Ion Ratio Lower Upper

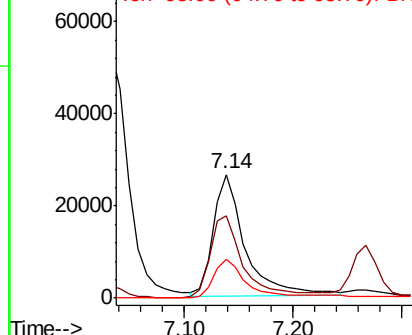
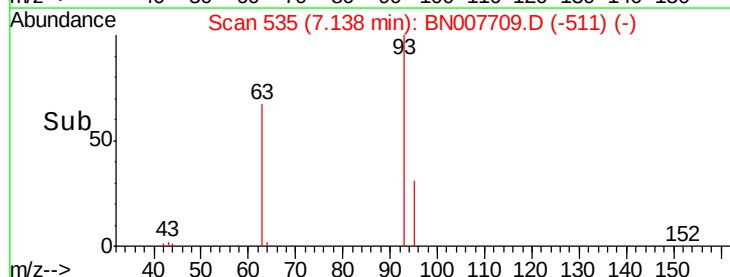
93 100

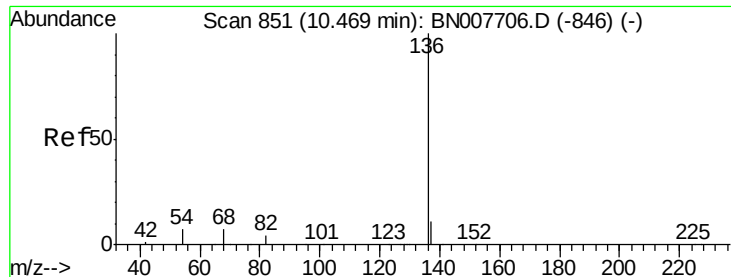
63 68.5 59.3 88.9

95 31.4 31.4 47.0



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 22416

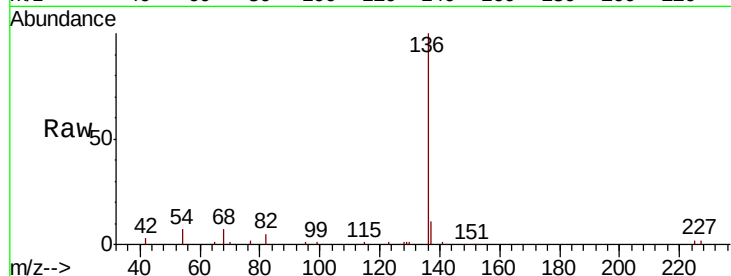
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.8 5.8 8.8

68 7.4 6.5 9.7

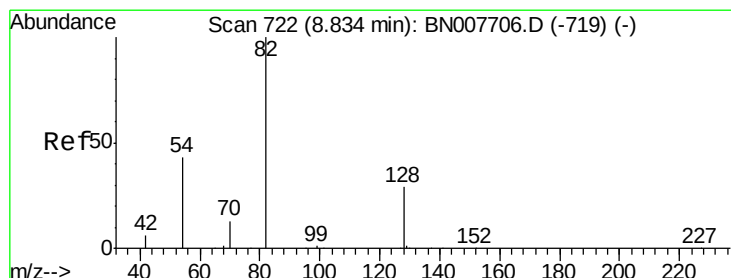
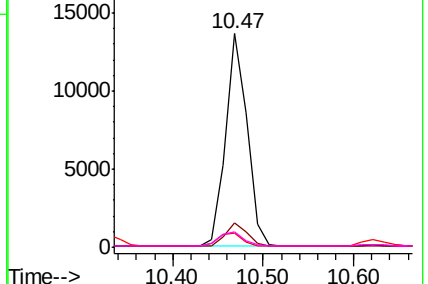
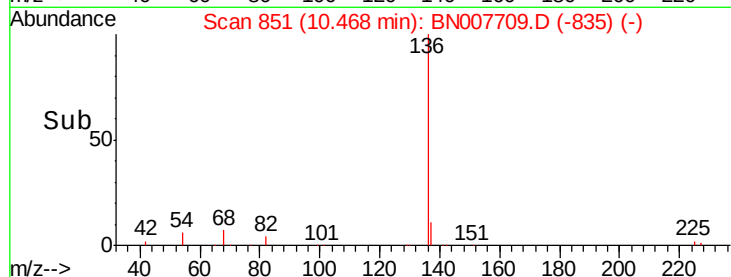


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.658 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

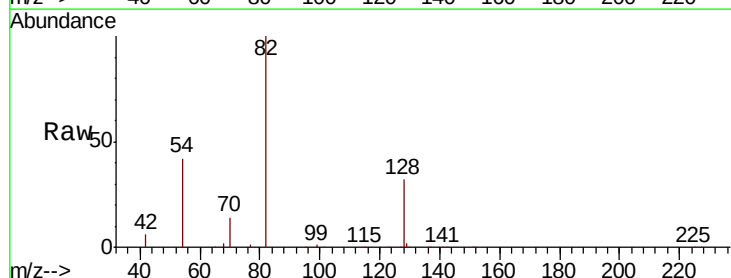
Tgt Ion: 82 Resp: 63606

Ion Ratio Lower Upper

82 100

128 31.6 24.5 36.7

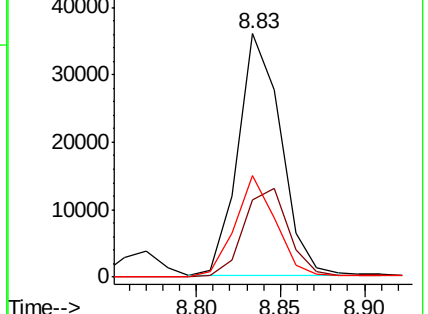
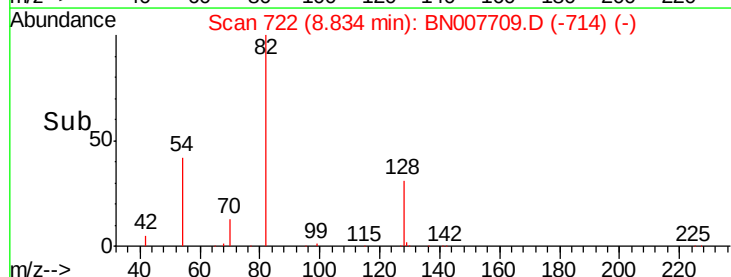
54 41.7 35.2 52.8

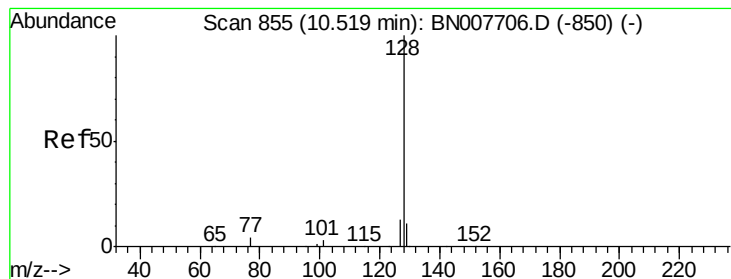


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.204 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

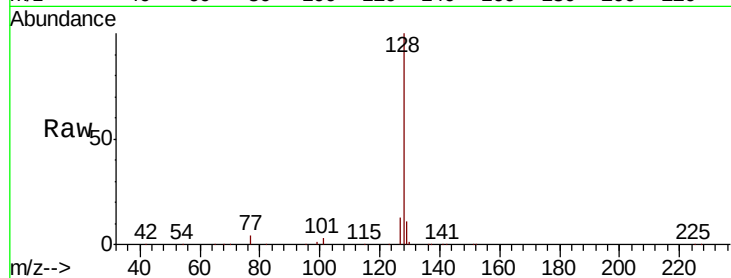
Tot Ion:128 Resp: 202006

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

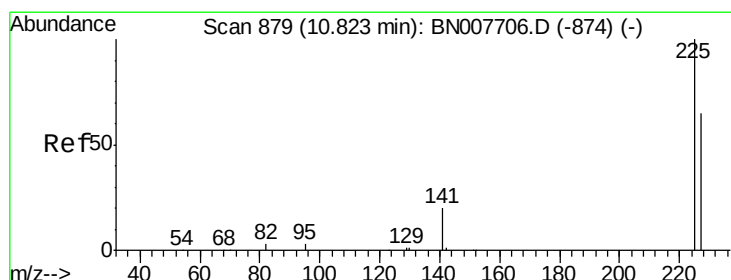
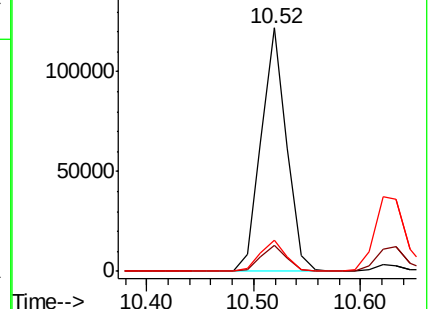
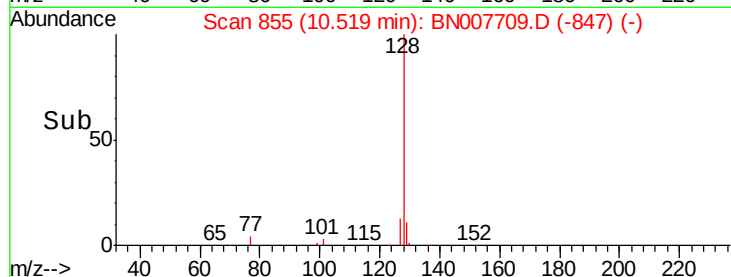
127 13.0 10.6 15.8



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: 3.301 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

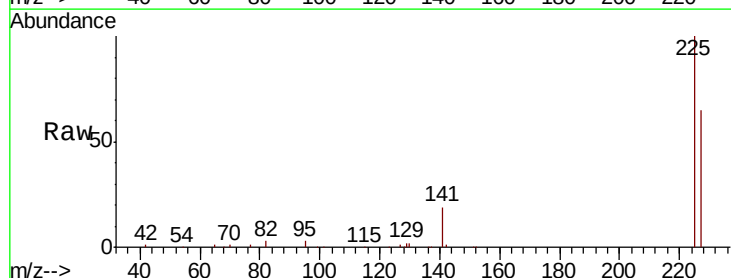
Tgt Ion:225 Resp: 41737

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

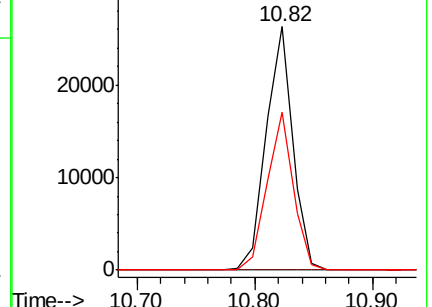
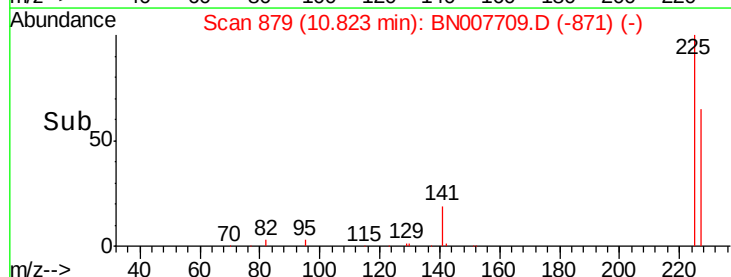
227 63.9 51.2 76.8

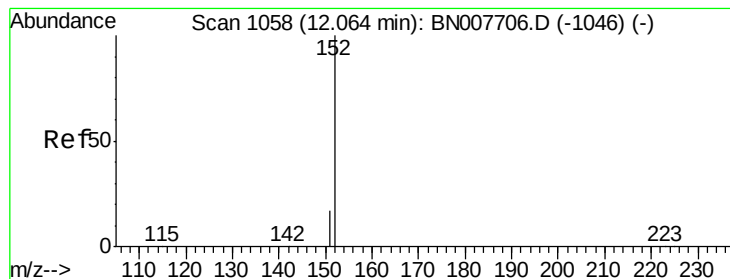


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.215 ng

RT: 12.06 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

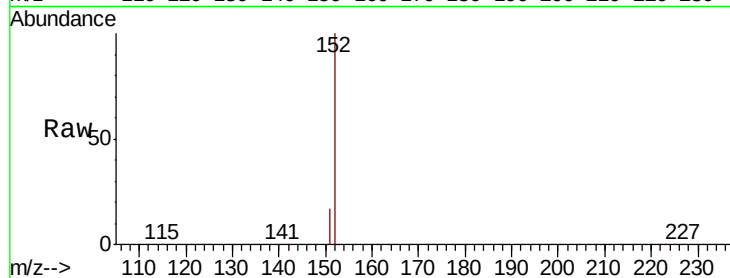
SSTDICC3.2

Tot Ion:152 Resp: 124385

Ion Ratio Lower Upper

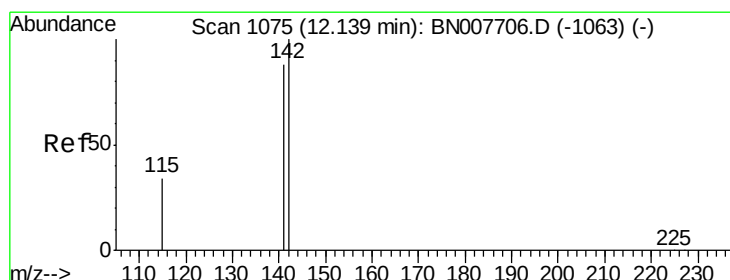
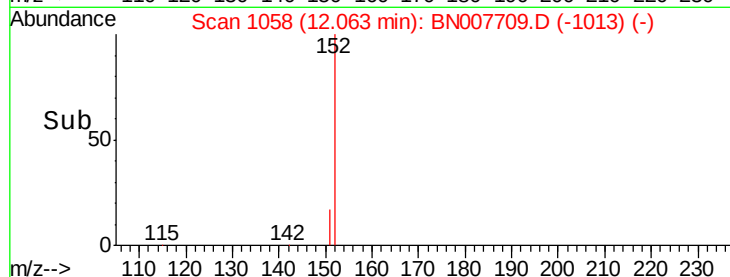
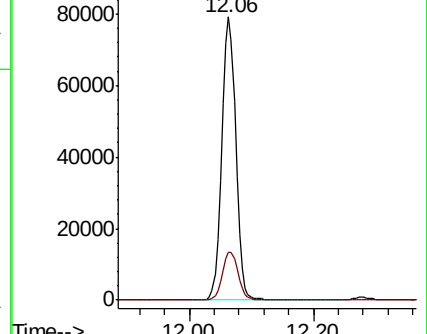
152 100

151 19.0 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: 3.195 ng

RT: 12.14 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

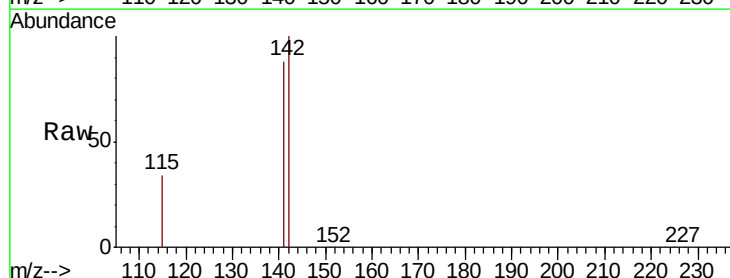
Tgt Ion:142 Resp: 141188

Ion Ratio Lower Upper

142 100

141 87.6 70.6 106.0

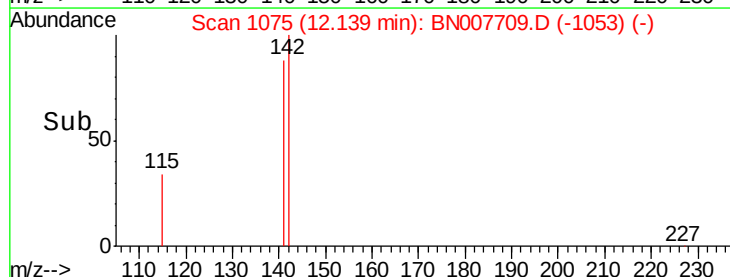
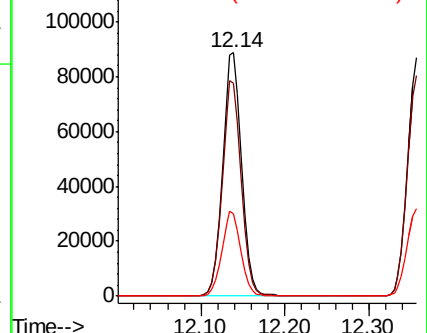
115 34.1 28.3 42.5

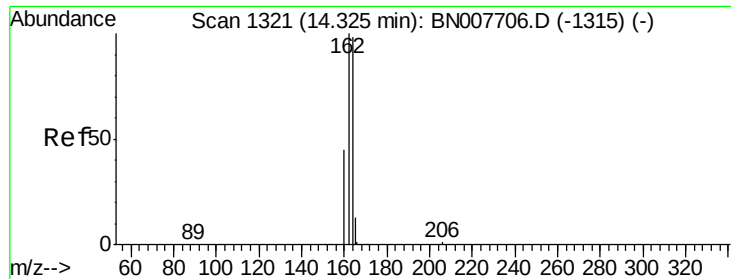


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

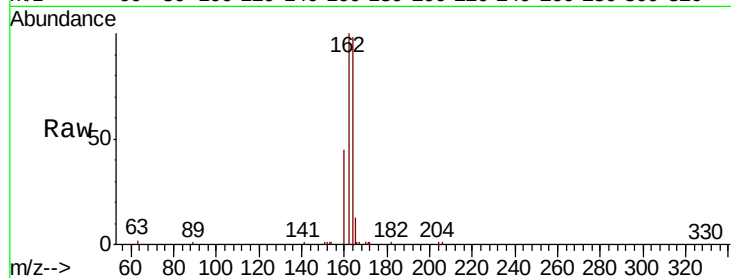




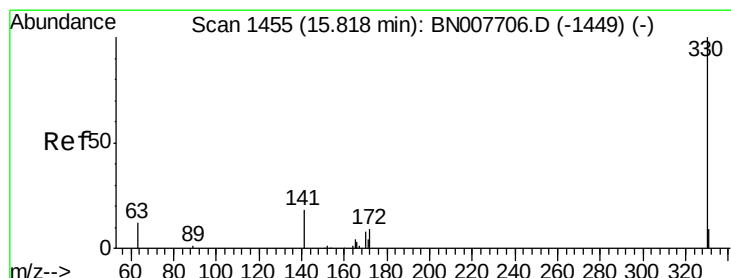
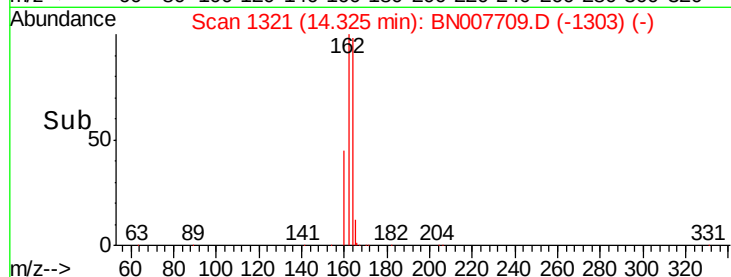
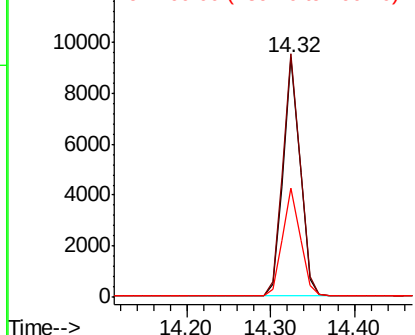
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion:164 Resp: 13128
Ion Ratio Lower Upper
164 100
162 101.7 81.7 122.5
160 45.9 37.0 55.4

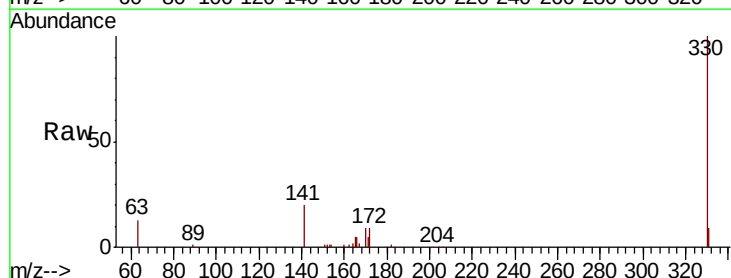


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

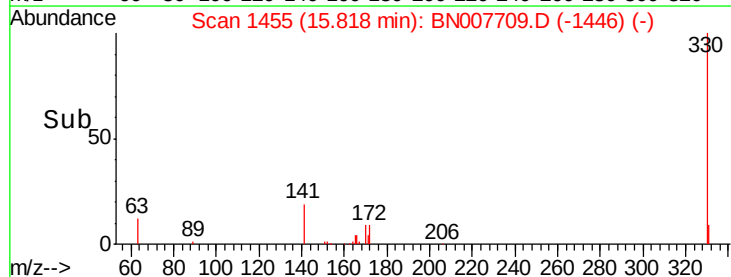
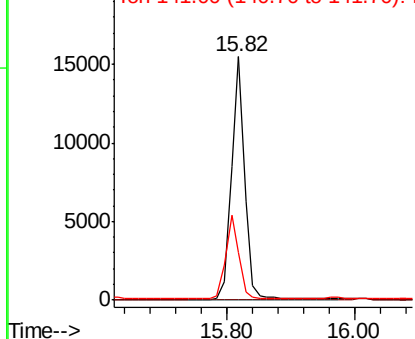


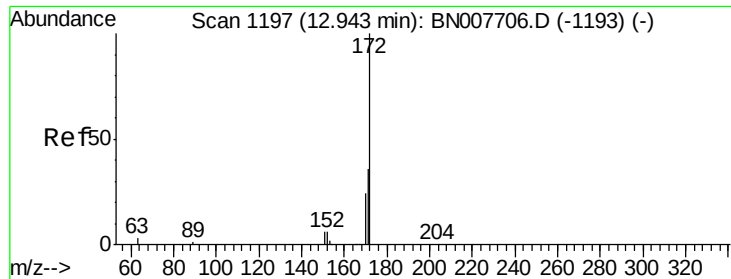
#14
2,4,6-Tribromophenol
Concen: 4.442 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:330 Resp: 22162
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.6 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

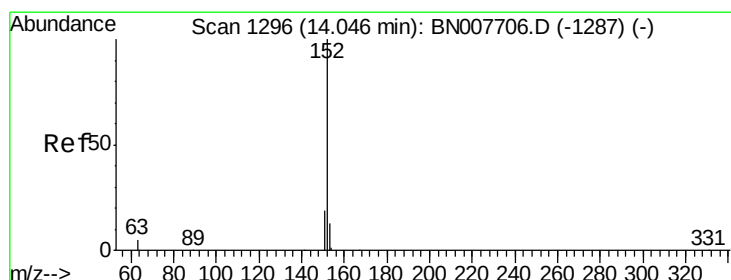
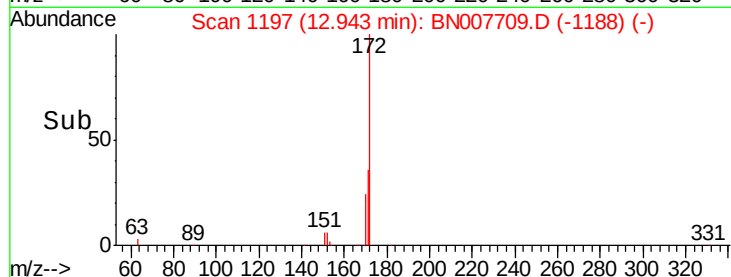
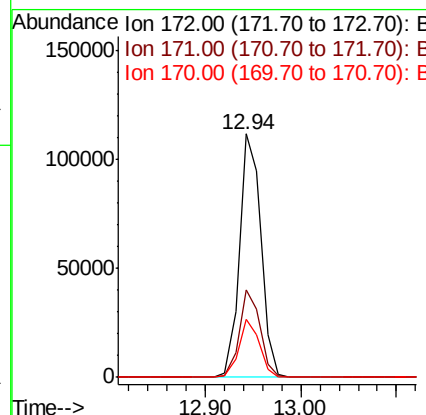
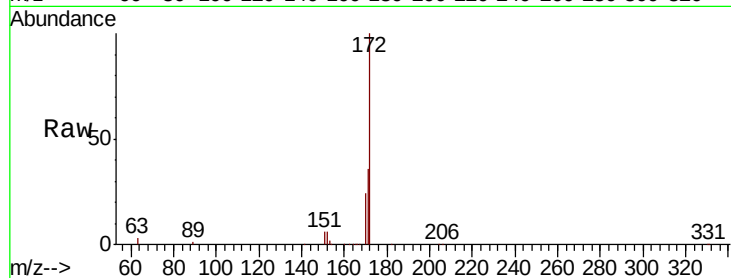




#15
2-Fluorobiphenyl
Concen: 3.210 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

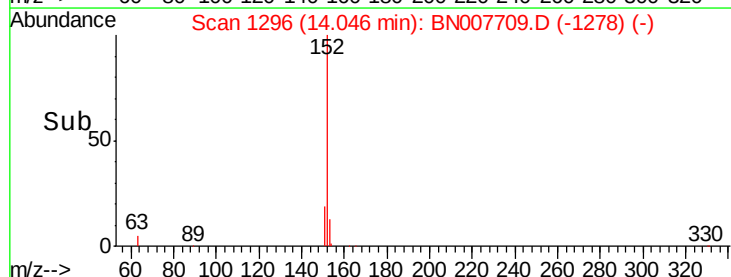
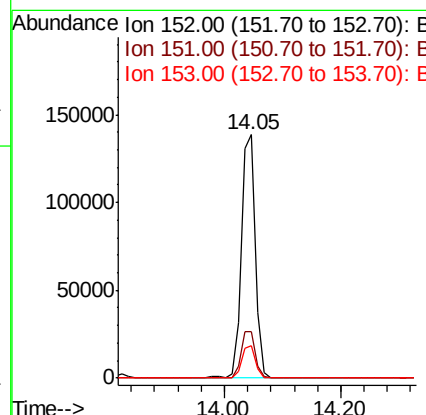
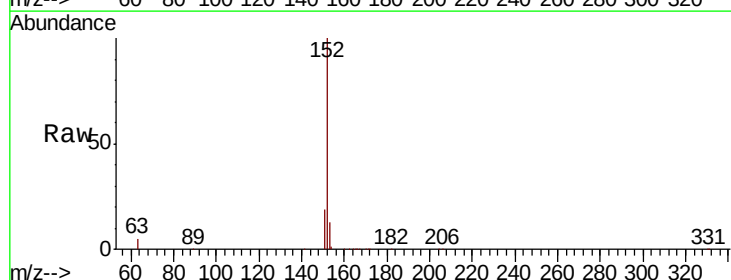
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

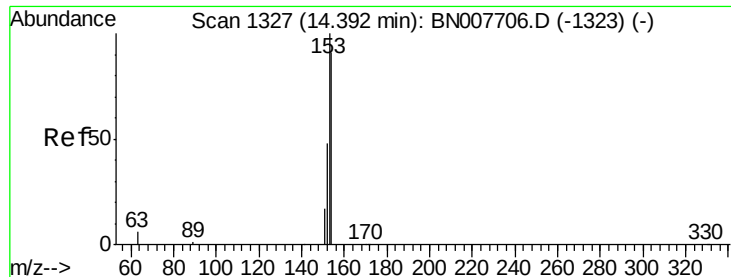
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	24.0	19.5	29.3



#16
Acenaphthylene
Concen: 3.299 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.4	15.6





#17

Acenaphthene

Concen: 3.312 ng

RT: 14.39 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

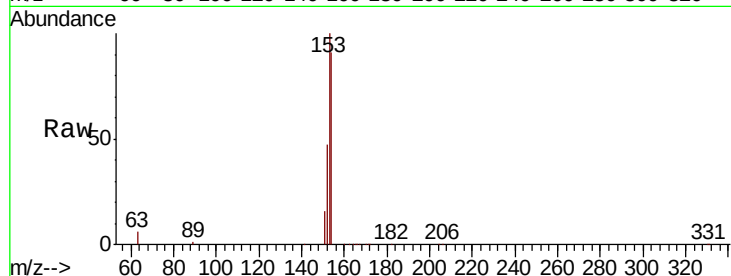
Tot Ion:154 Resp: 147532

Ion Ratio Lower Upper

154 100

153 107.4 87.0 130.4

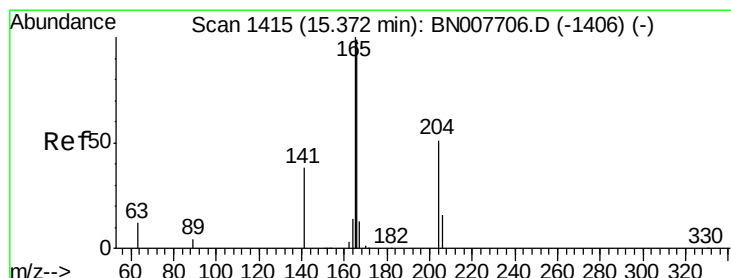
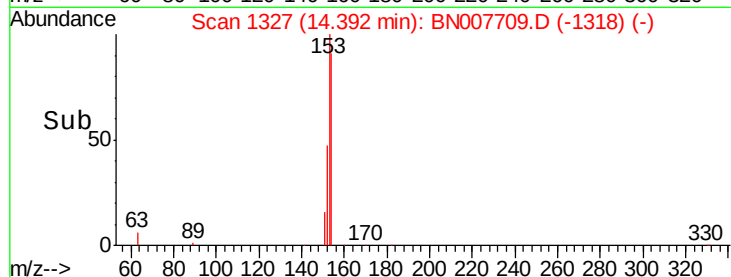
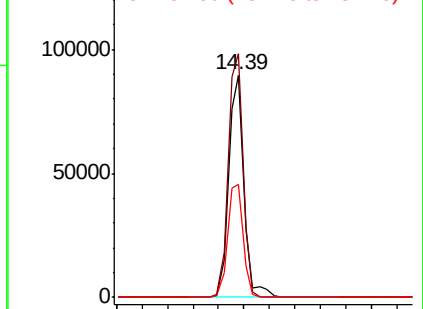
152 52.0 42.7 64.1



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: 3.221 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

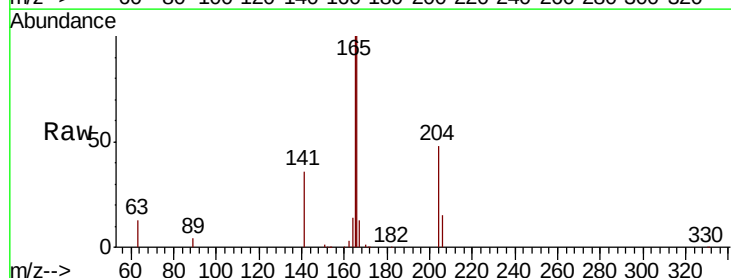
Tgt Ion:166 Resp: 188919

Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

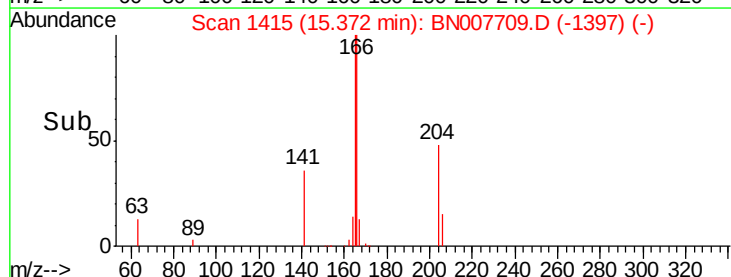
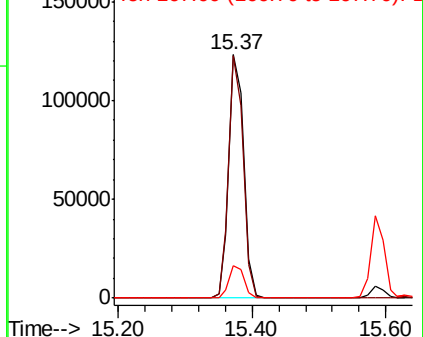
167 13.4 10.9 16.3

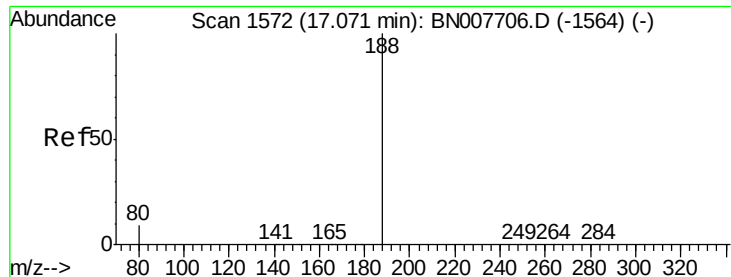


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

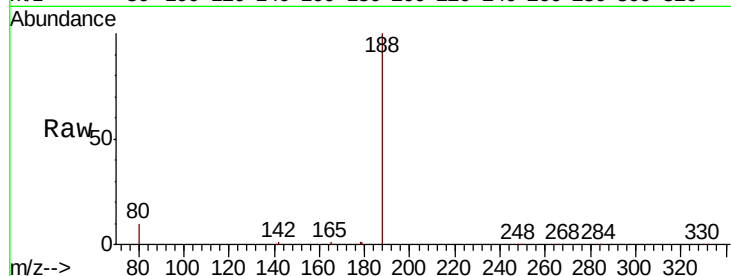
Tot Ion:188 Resp: 31029

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

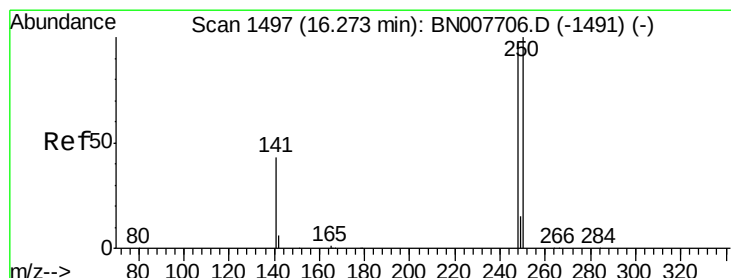
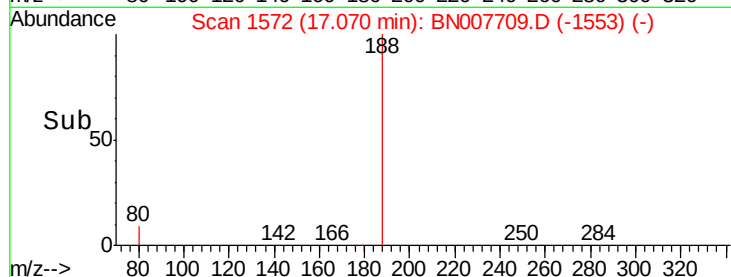
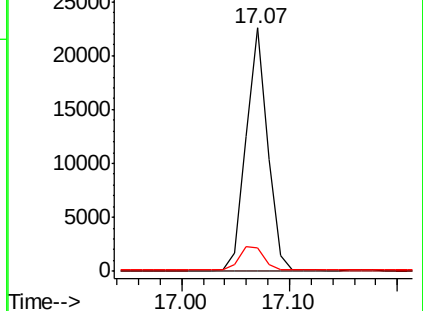
80 9.6 7.4 11.2



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: 3.357 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

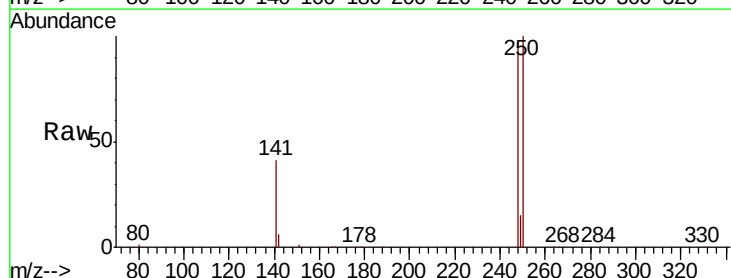
Tgt Ion:248 Resp: 61586

Ion Ratio Lower Upper

248 100

250 103.2 82.2 123.4

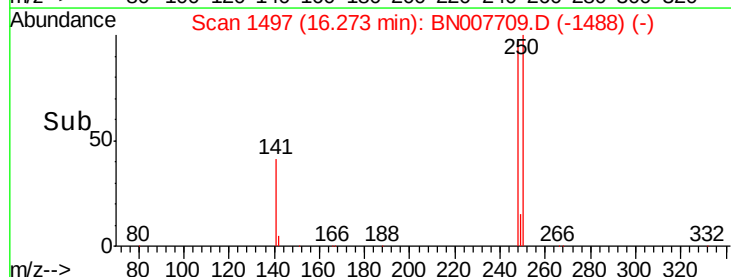
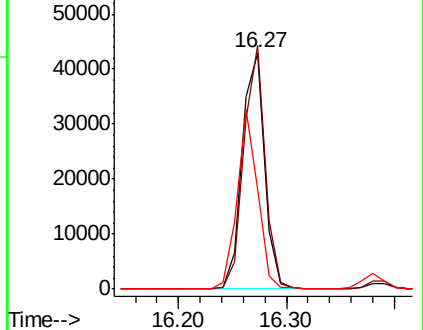
141 42.6 36.3 54.5

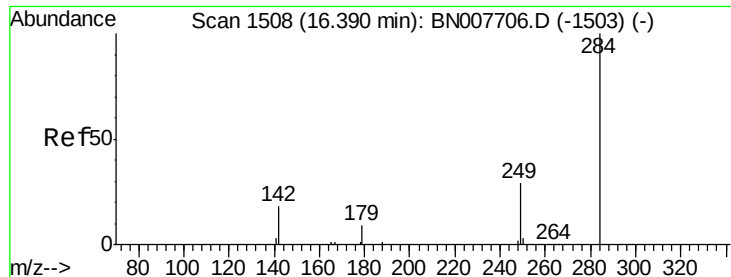


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

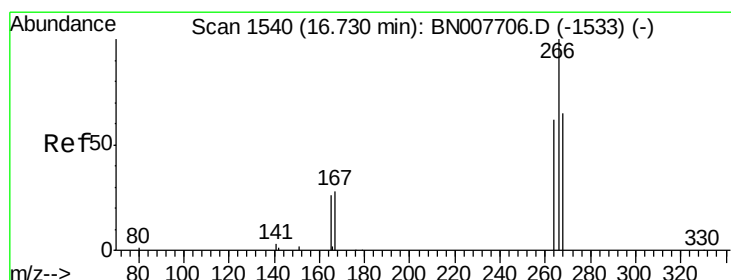
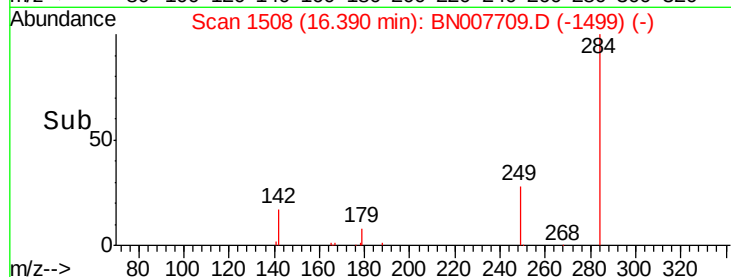
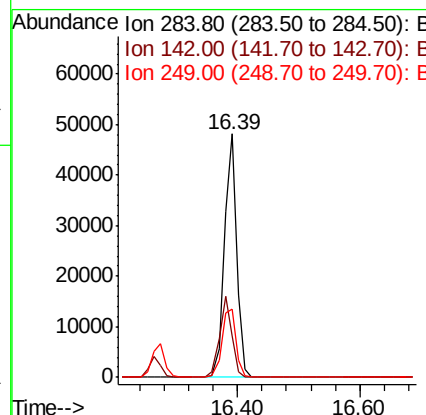
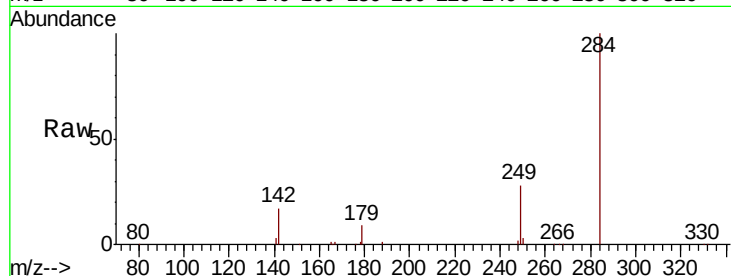




#21
Hexachlorobenzene
Concen: 3.467 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

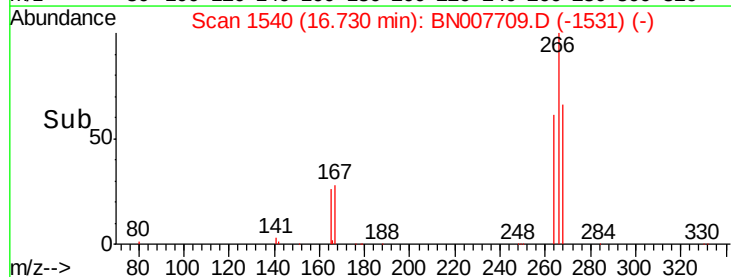
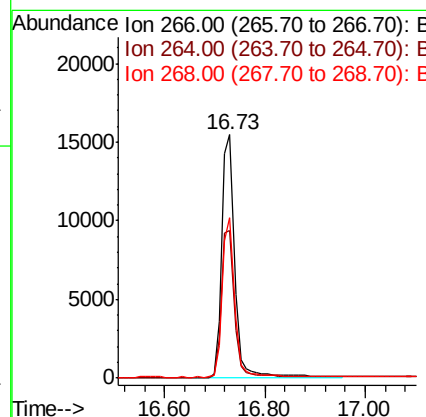
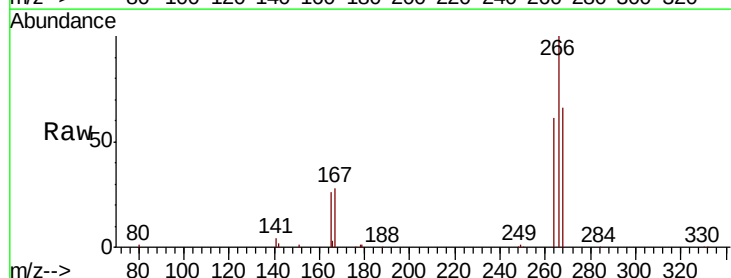
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

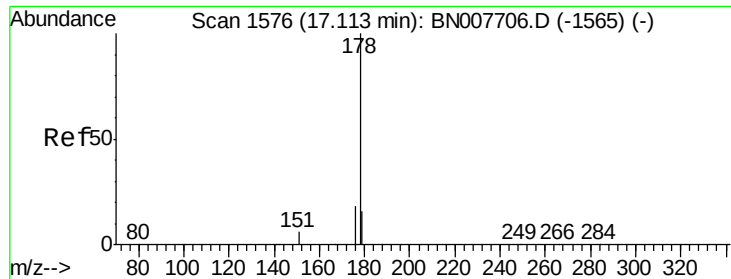
Tot Ion:284 Resp: 66905
Ion Ratio Lower Upper
284 100
142 32.3 25.8 38.6
249 31.5 25.9 38.9



#22
Pentachlorophenol
Concen: 5.087 ng
RT: 16.73 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BN007709.D
Acq: 18 Sep 2019 17:12

Tgt Ion:266 Resp: 27286
Ion Ratio Lower Upper
266 100
264 60.6 50.0 75.0
268 65.8 54.2 81.4





#23

Phenanthrene

Concen: 3.286 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

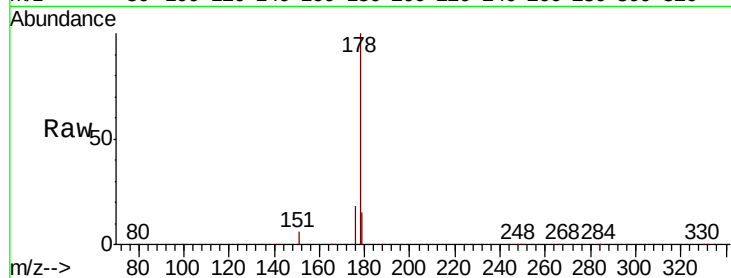
Tot Ion:178 Resp: 314671

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

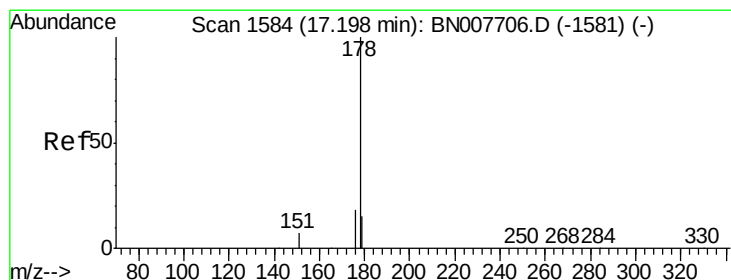
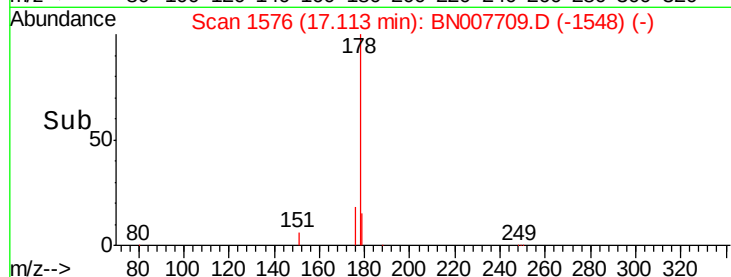
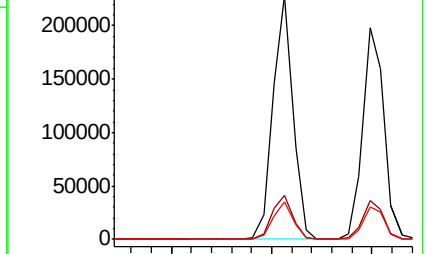
179 15.3 12.5 18.7



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: 3.328 ng

RT: 17.20 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

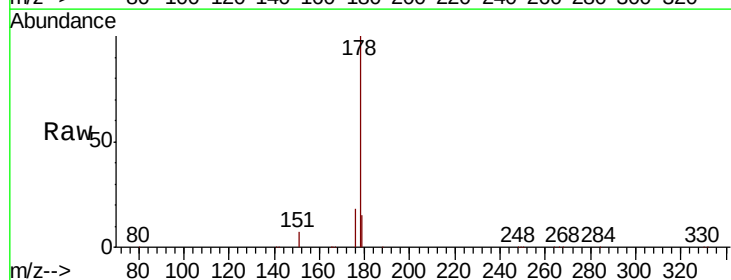
Tgt Ion:178 Resp: 294004

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

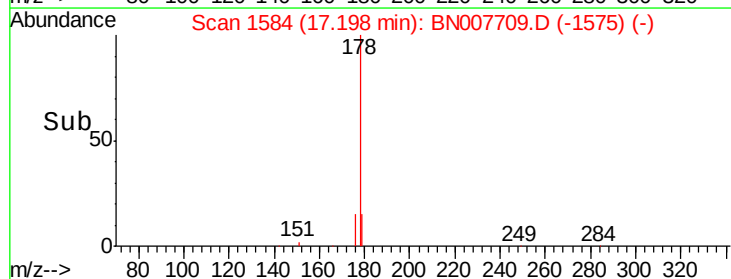
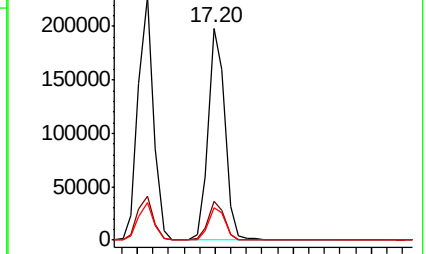
179 15.3 12.2 18.4

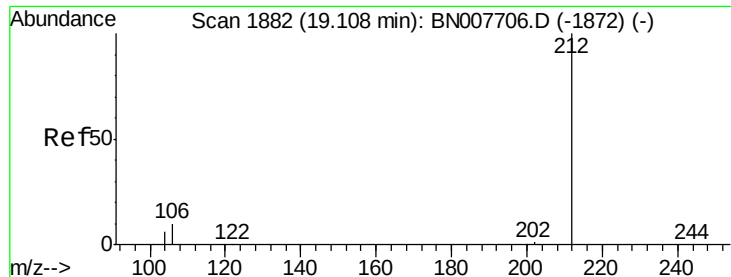


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.397 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

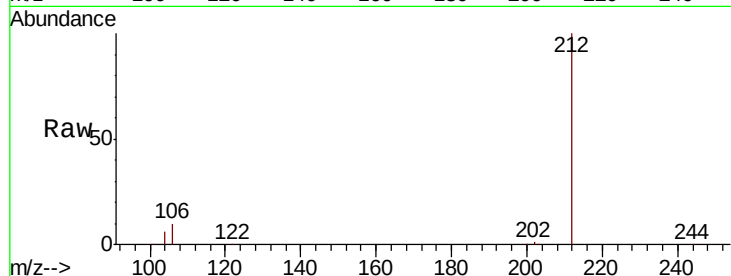
Tot Ion:212 Resp: 342435

Ion Ratio Lower Upper

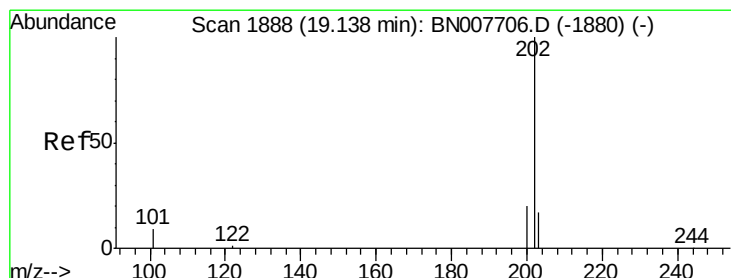
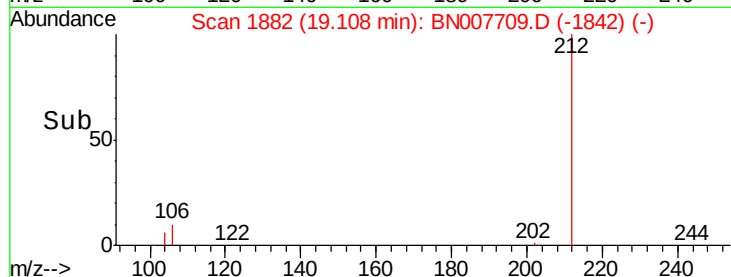
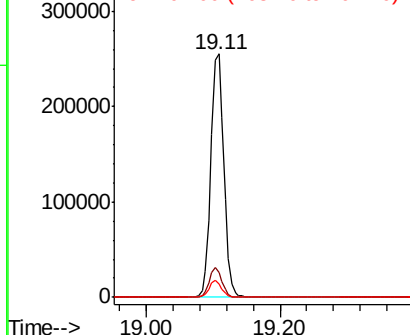
212 100

106 11.7 9.4 14.0

104 6.5 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: 3.366 ng

RT: 19.14 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

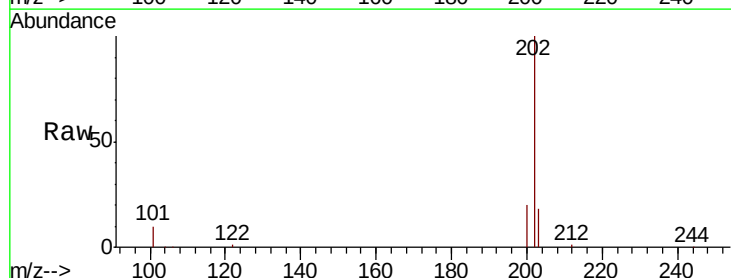
Tgt Ion:202 Resp: 391152

Ion Ratio Lower Upper

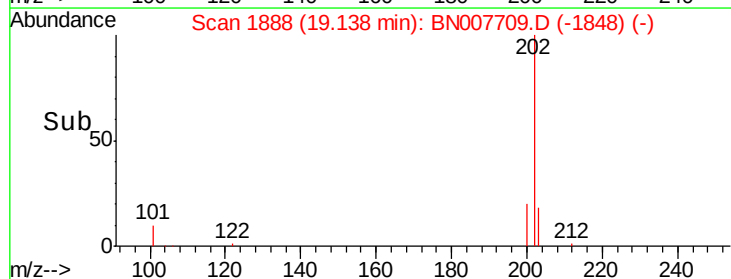
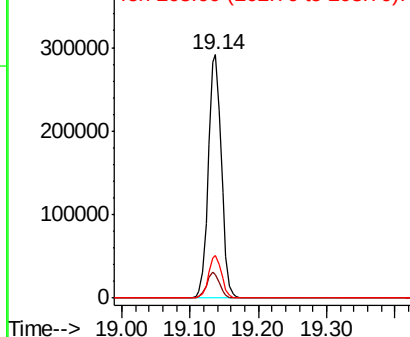
202 100

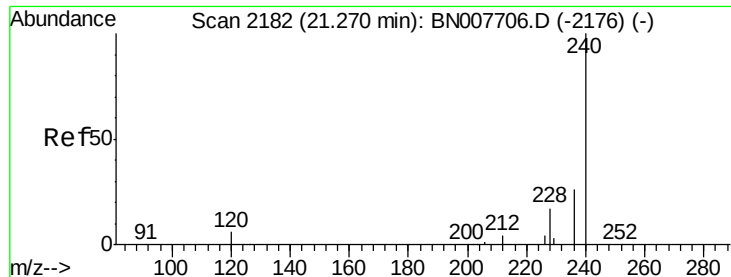
101 10.6 8.4 12.6

203 17.4 13.8 20.8



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

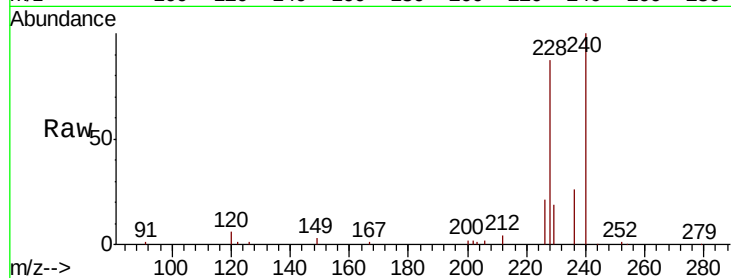
Tot Ion:240 Resp: 36324

Ion Ratio Lower Upper

240 100

120 5.8 5.4 8.2

236 26.1 21.0 31.4

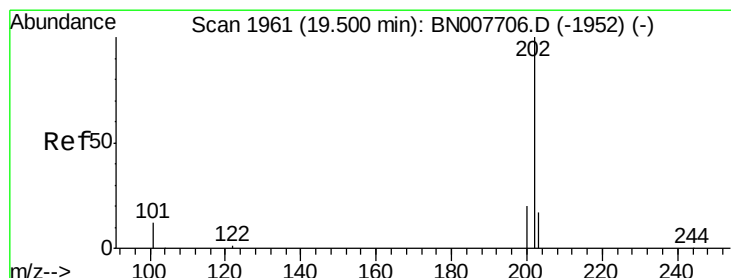
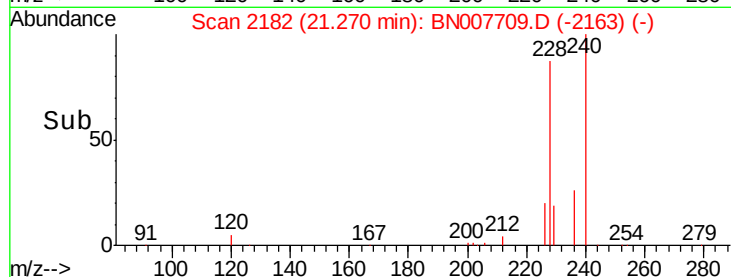
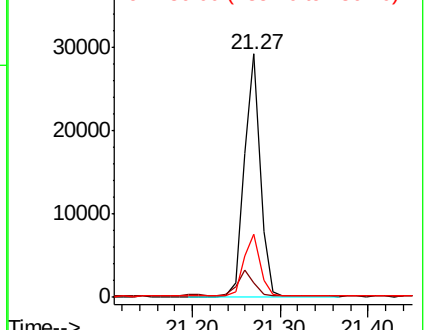


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.015 ng

RT: 19.50 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

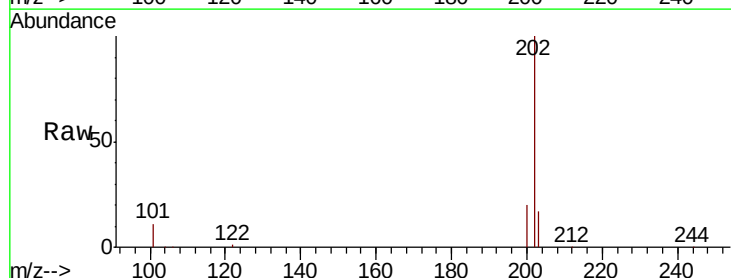
Tgt Ion:202 Resp: 393563

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

203 17.6 14.1 21.1

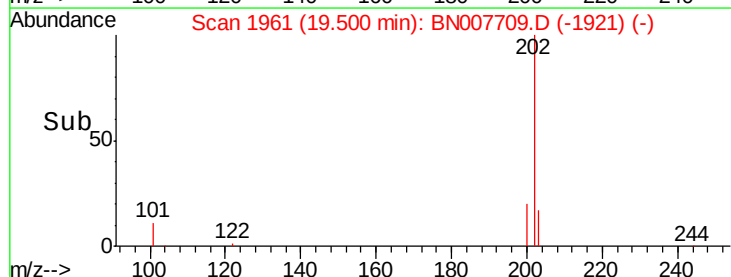
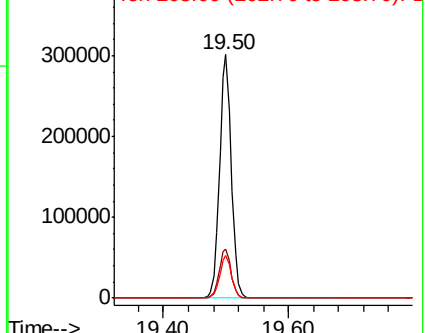


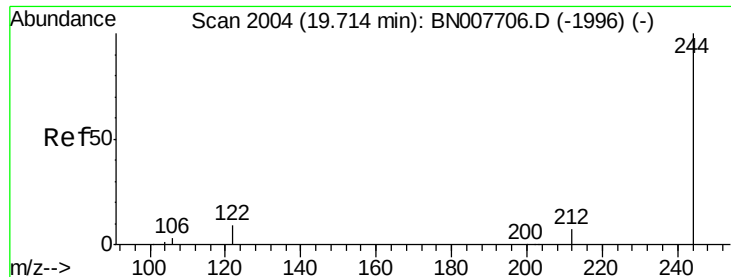
Abundance

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

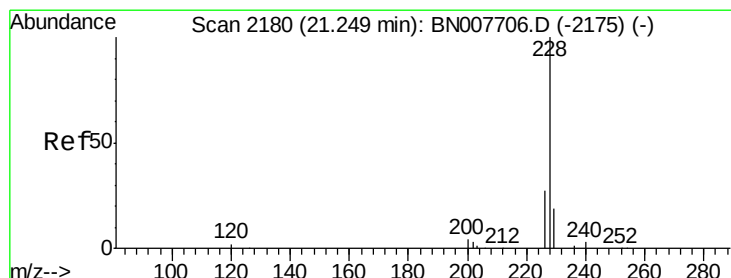
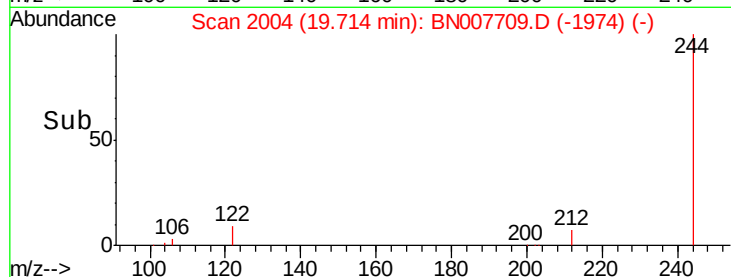
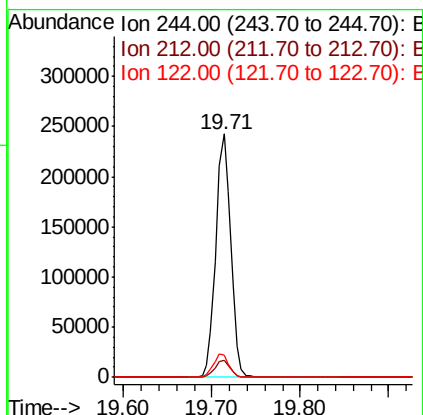
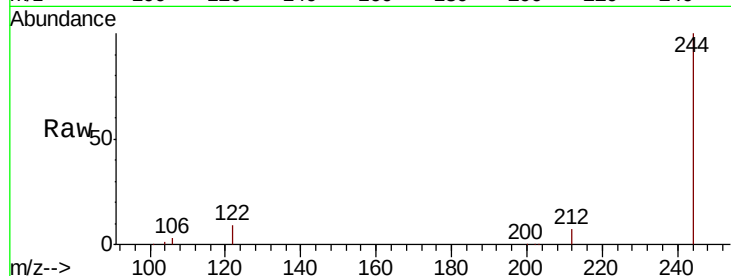




#29
 Terphenyl-d14
 Concen: 3.006 ng
 RT: 19.71 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BN007709.D
 Acq: 18 Sep 2019 17:12

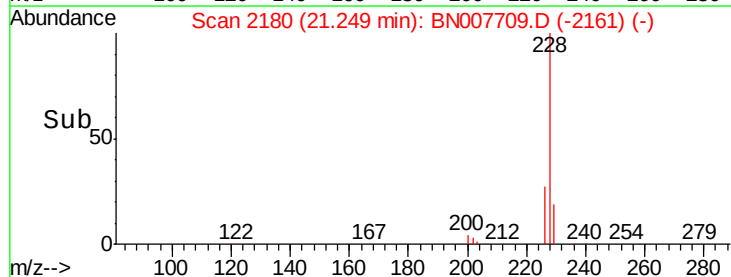
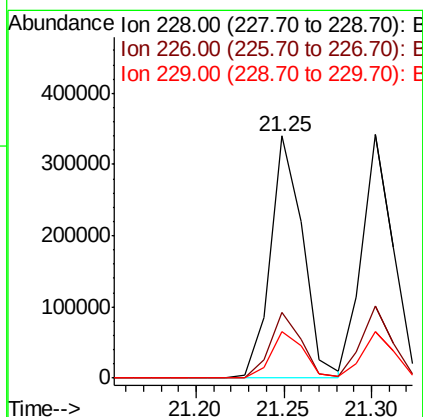
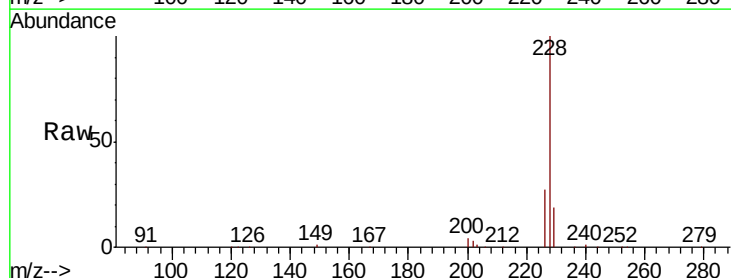
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

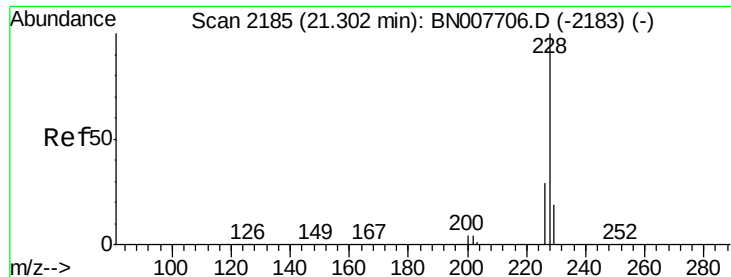
Tot Ion:244 Resp: 284064
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.9 7.4 11.2



#30
 Benzo(a)anthracene
 Concen: 3.349 ng
 RT: 21.25 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BN007709.D
 Acq: 18 Sep 2019 17:12

Tgt Ion:228 Resp: 435276
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.1 33.1
 229 19.3 15.8 23.6





#31

Chrysene

Concen: 3.194 ng

RT: 21.30 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

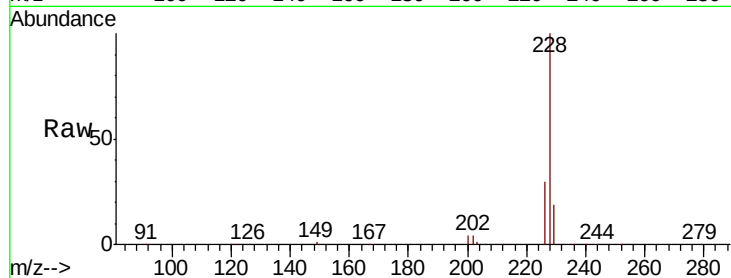
Tot Ion:228 Resp: 421769

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

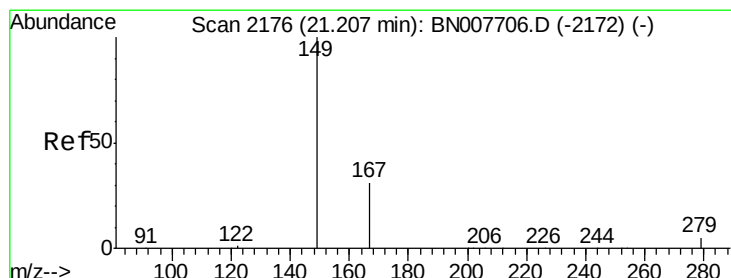
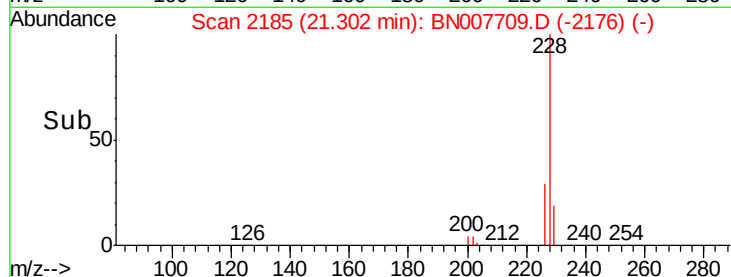
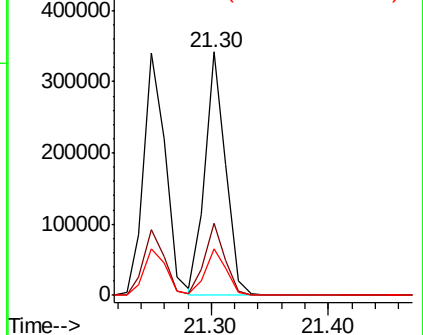
229 19.3 15.8 23.6



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: 4.669 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

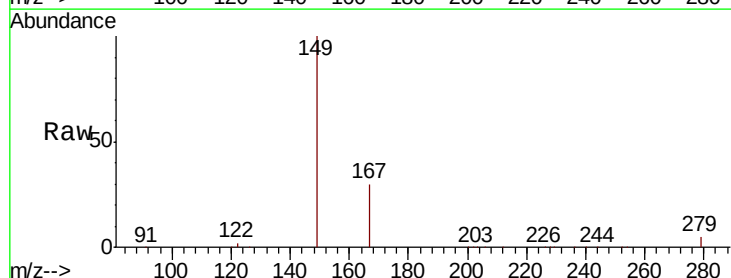
Tgt Ion:149 Resp: 207660

Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

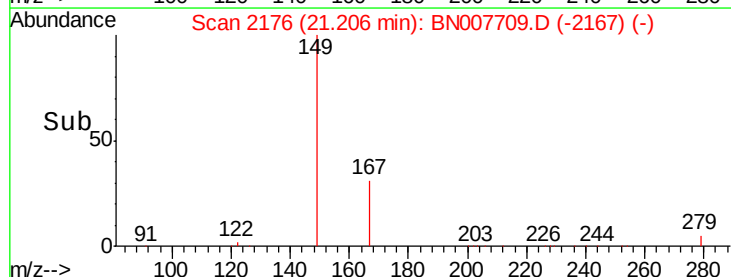
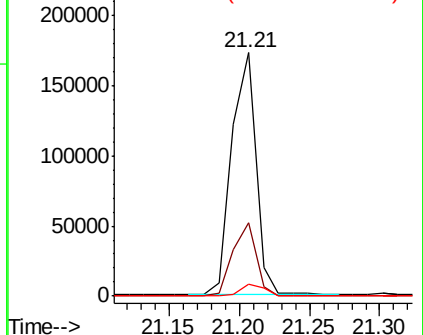
279 5.0 4.2 6.2

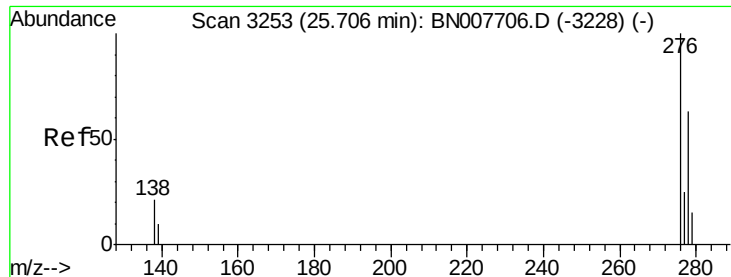


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.667 ng

RT: 25.71 min Scan# 3253

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

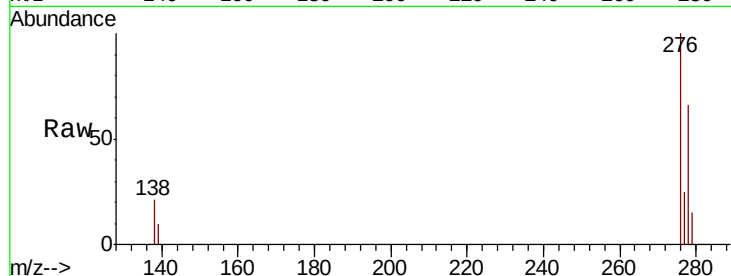
Tot Ion:276 Resp: 511941

Ion Ratio Lower Upper

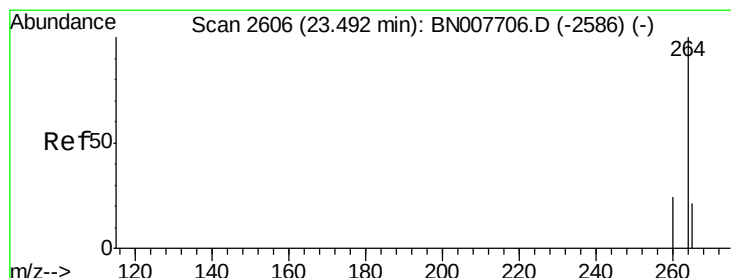
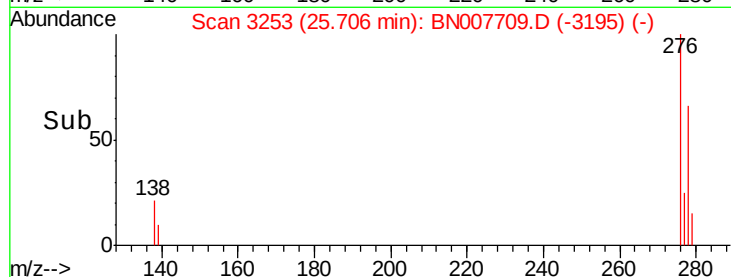
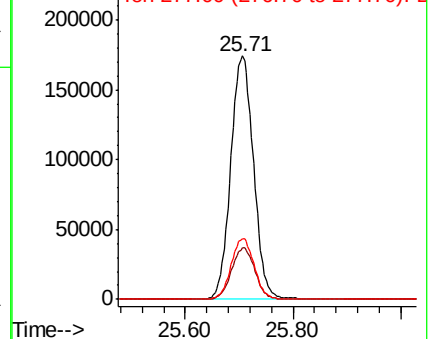
276 100

138 21.6 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: 23.49 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

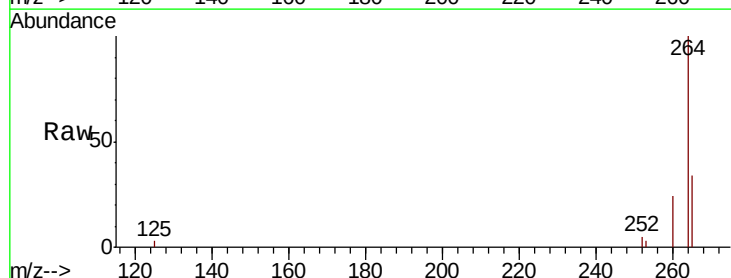
Tgt Ion:264 Resp: 38590

Ion Ratio Lower Upper

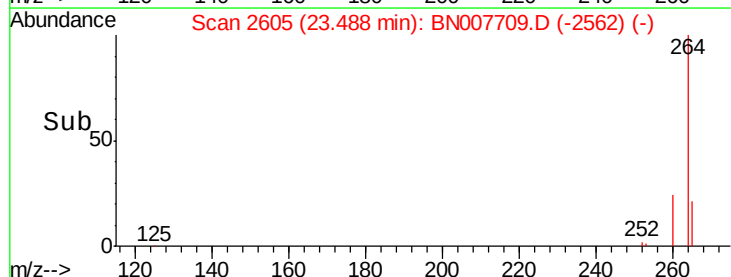
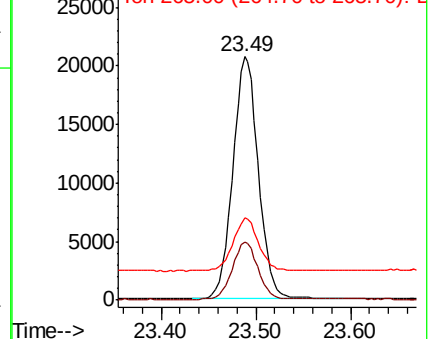
264 100

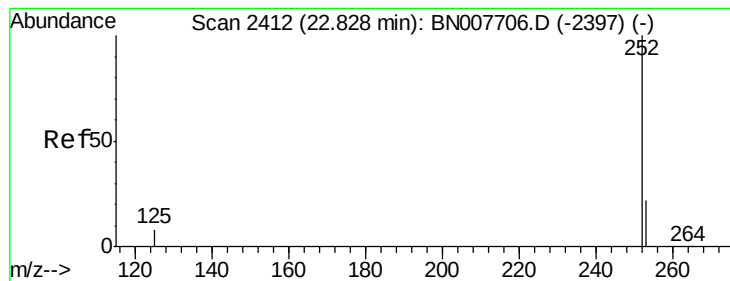
260 24.1 19.3 28.9

265 33.6 26.9 40.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.221 ng

RT: 22.83 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

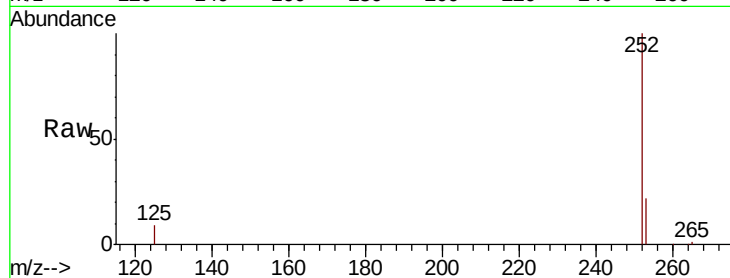
Tot Ion:252 Resp: 441938

Ion Ratio Lower Upper

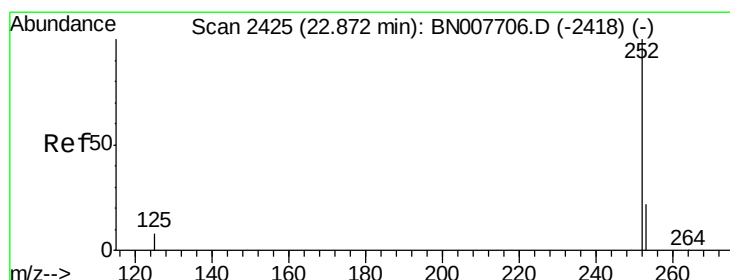
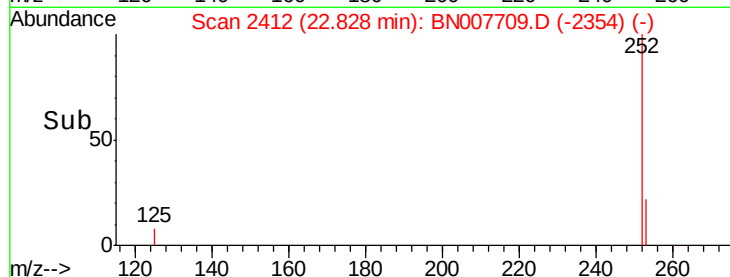
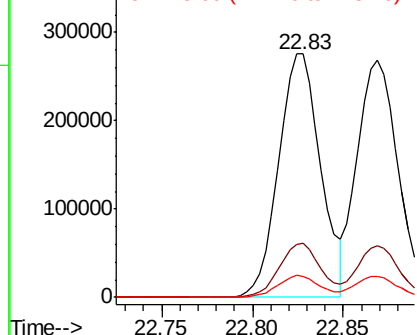
252 100

253 22.1 18.3 27.5

125 8.6 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: 3.121 ng

RT: 22.87 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

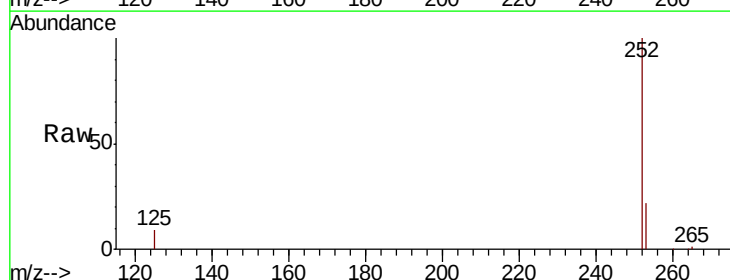
Tgt Ion:252 Resp: 423193

Ion Ratio Lower Upper

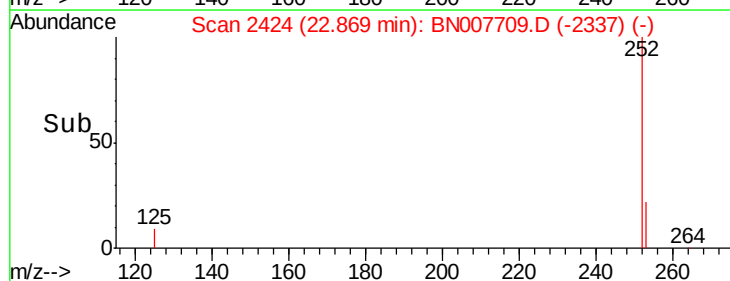
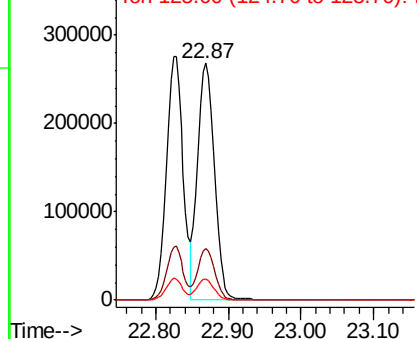
252 100

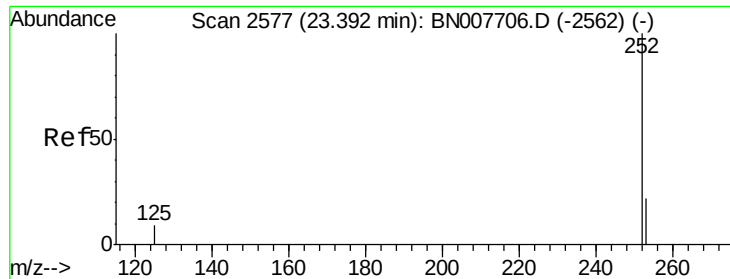
253 21.9 18.5 27.7

125 8.8 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: 3.346 ng

RT: 23.39 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

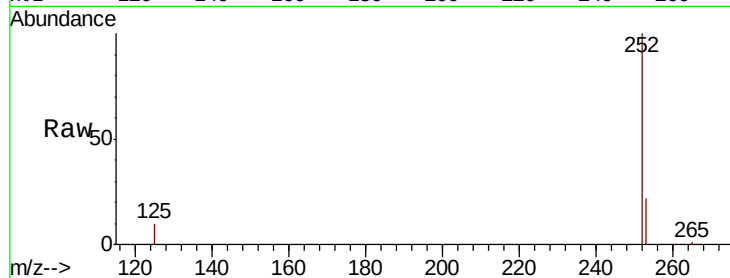
Tot Ion:252 Resp: 408277

Ion Ratio Lower Upper

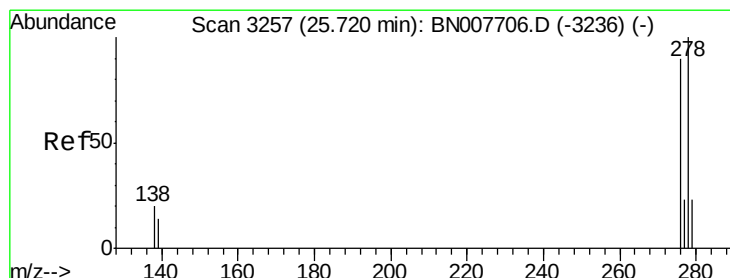
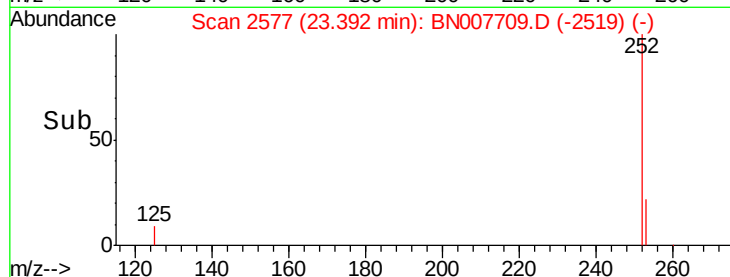
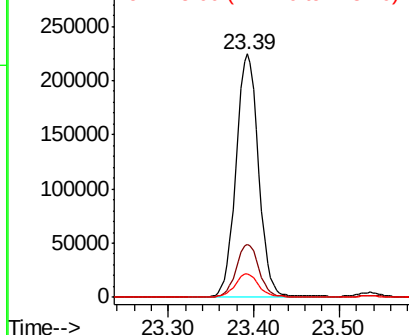
252 100

253 22.0 18.6 27.8

125 9.7 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: 3.405 ng

RT: 25.72 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

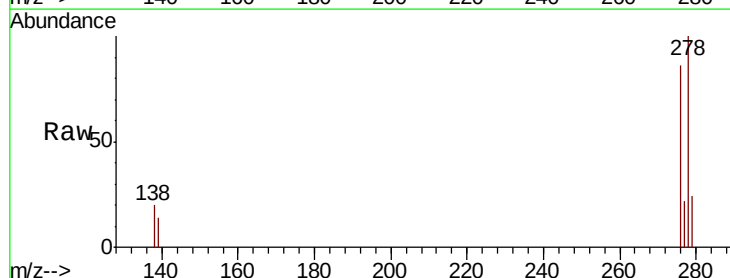
Tgt Ion:278 Resp: 417099

Ion Ratio Lower Upper

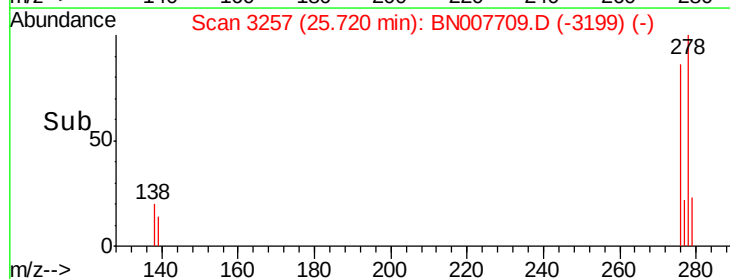
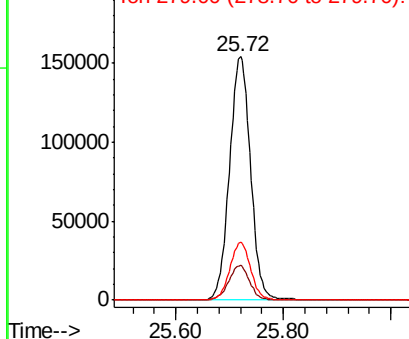
278 100

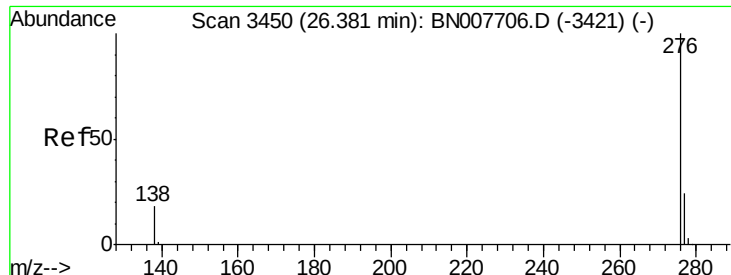
139 14.2 11.8 17.6

279 23.6 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: 3.332 ng

RT: 26.38 min Scan# 3449

Delta R.T. -0.00 min

Lab File: BN007709.D

Acq: 18 Sep 2019 17:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

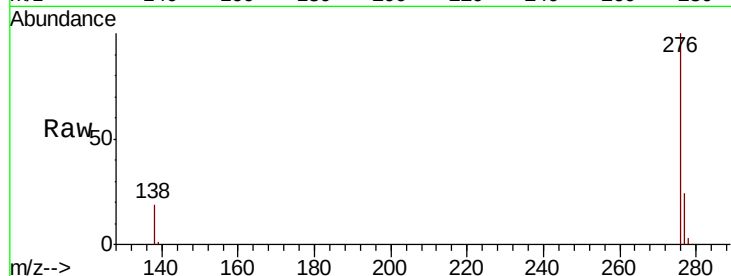
Tot Ion: 276 Resp: 413372

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 18.8 15.1 22.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

