

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091819\
 Data File : BN007732.D
 Acq On : 19 Sep 2019 07:39
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 19 15:10:09 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	6290	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	25081	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	15615	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	35356	0.40	ng	0.00
27) Chrysene-d12	21.27	240	38419	0.40	ng	0.00
34) Perylene-d12	23.49	264	41280	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	6693	0.31	ng	0.00
5) Phenol-d6	6.87	99	8840	0.33	ng	0.00
8) Nitrobenzene-d5	8.83	82	8189	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	16592	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2437	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	26387	0.41	ng	0.00
25) Fluoranthene-d10	19.10	212	44047	0.37	ng	0.00
29) Terphenyl-d14	19.71	244	40993	0.43	ng	0.00

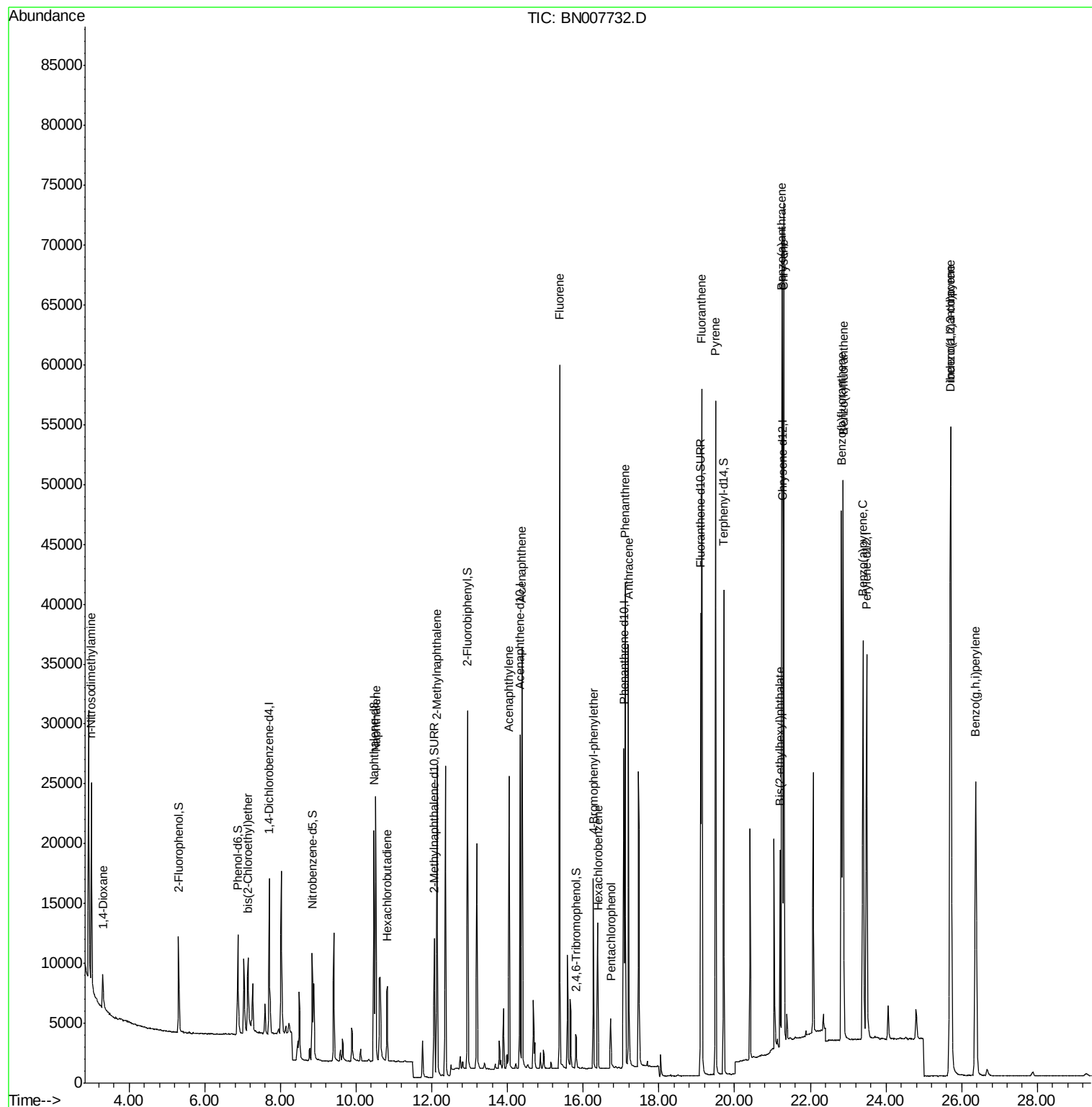
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.30	88	2601	0.371 ng	#	83
3) n-Nitrosodimethylamine	3.01	42	1737	0.541 ng		96
6) bis(2-Chloroethyl)ether	7.14	93	6640	0.373 ng		99
9) Naphthalene	10.52	128	28279	0.402 ng		100
10) Hexachlorobutadiene	10.82	225	5809	0.392 ng	#	100
12) 2-Methylnaphthalene	12.13	142	18940	0.398 ng		99
16) Acenaphthylene	14.03	152	28739	0.347 ng		100
17) Acenaphthene	14.38	154	19181	0.359 ng		96
18) Fluorene	15.37	166	24913	0.364 ng		100
20) 4-Bromophenyl-phenylether	16.26	248	8483	0.395 ng	#	71
21) Hexachlorobenzene	16.39	284	9685	0.413 ng		99
22) Pentachlorophenol	16.73	266	2524	0.292 ng		99
23) Phenanthrene	17.11	178	44117	0.401 ng		100
24) Anthracene	17.20	178	36830	0.370 ng		100
26) Fluoranthene	19.13	202	52111	0.381 ng		100
28) Pyrene	19.50	202	51729	0.395 ng		100
30) Benzo(a)anthracene	21.25	228	52197	0.369 ng		99
31) Chrysene	21.30	228	54952	0.399 ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	17031	0.234 ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	65568	0.380 ng		99
35) Benzo(b)fluoranthene	22.82	252	53983	0.377 ng		99
36) Benzo(k)fluoranthene	22.87	252	59116	0.417 ng		99
37) Benzo(a)pyrene	23.39	252	49273	0.366 ng		100
38) Dibenzo(a,h)anthracene	25.72	278	52999	0.385 ng		100
39) Benzo(g,h,i)perylene	26.37	276	50680	0.372 ng		99

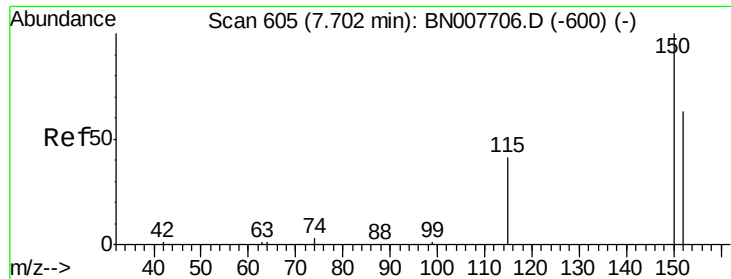
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

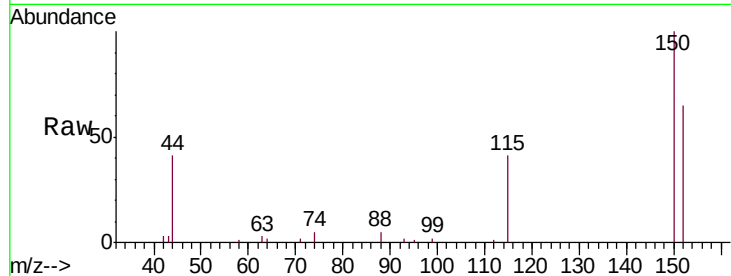
Tgt Ion:152 Resp: 6290

Ion Ratio Lower Upper

152 100

150 153.4 125.6 188.4

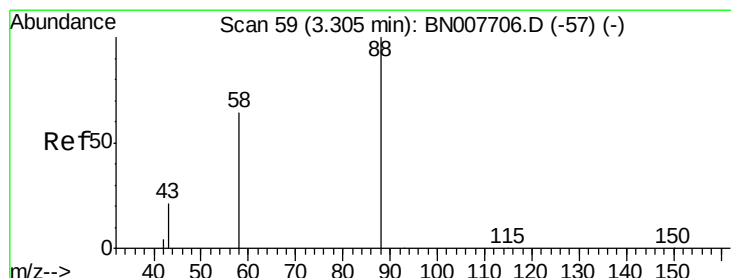
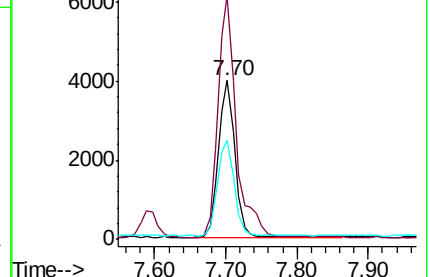
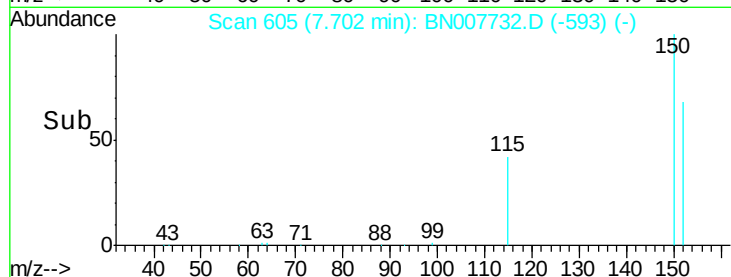
115 62.7 53.3 79.9



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: BN007732.D

Acq: 19 Sep 2019 07:39

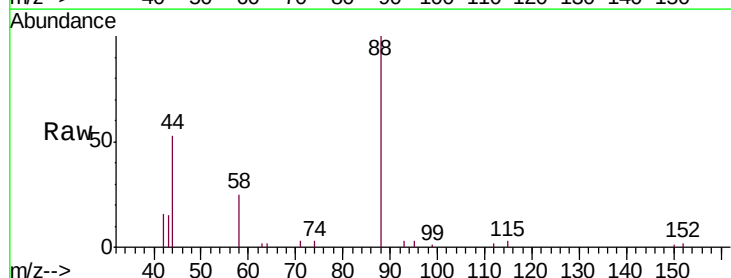
Tgt Ion: 88 Resp: 2601

Ion Ratio Lower Upper

88 100

58 69.4 44.6 66.8#

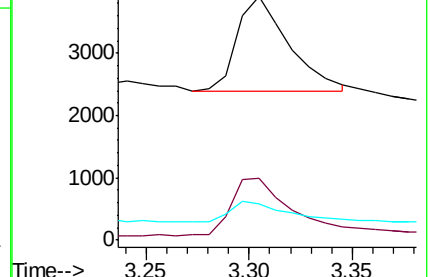
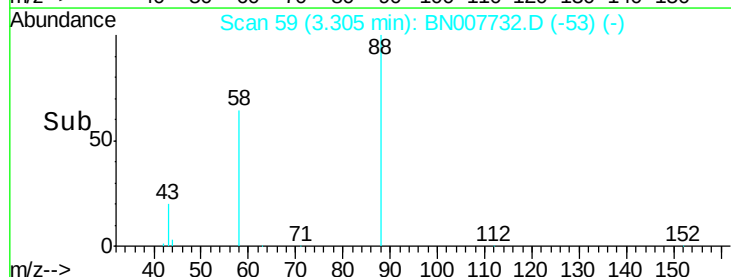
43 23.2 14.4 21.6#

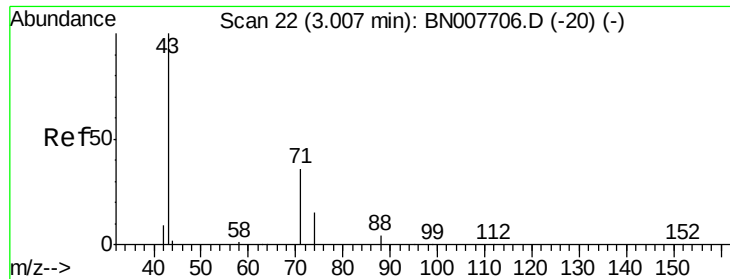


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

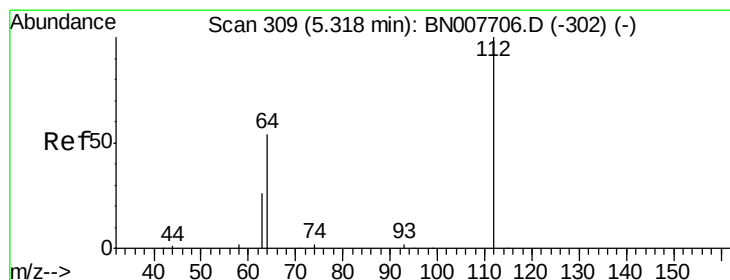
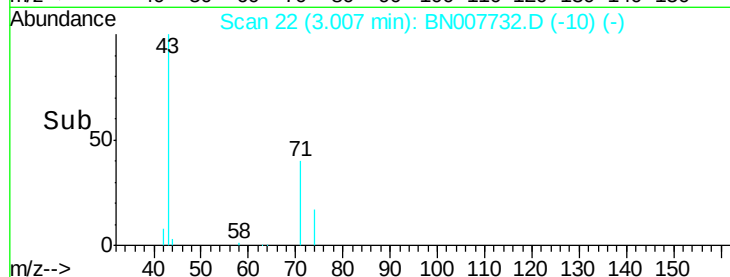
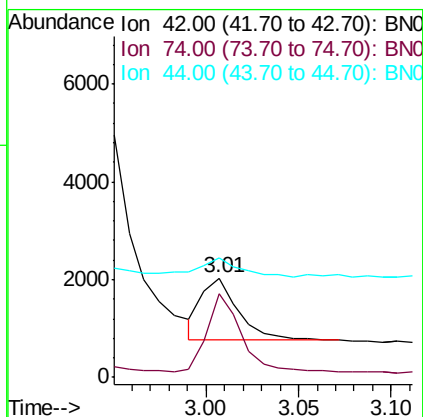
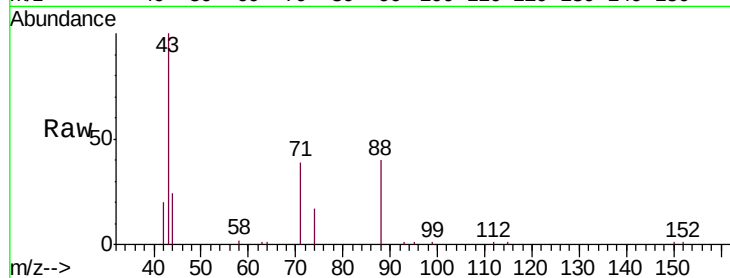




#3
n-Nitrosodimethylamine
Concen: 0.541 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007732.D
Acq: 19 Sep 2019 07:39

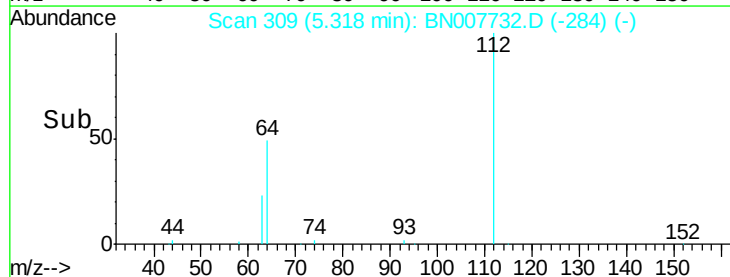
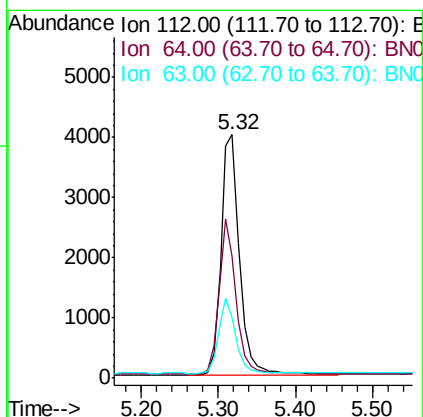
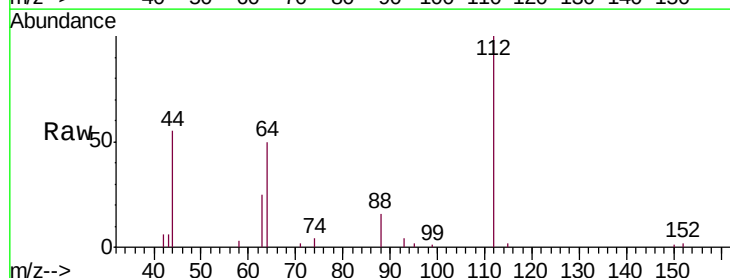
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

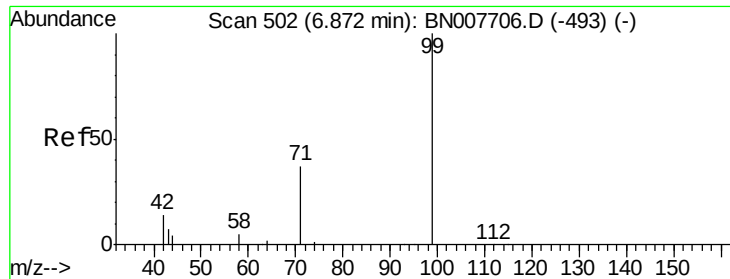
Tgt Ion: 42 Resp: 1737
Ion Ratio Lower Upper
42 100
74 115.6 87.9 131.9
44 36.3 29.4 44.0



#4
2-Fluorophenol
Concen: 0.309 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007732.D
Acq: 19 Sep 2019 07:39

Tgt Ion: 112 Resp: 6693
Ion Ratio Lower Upper
112 100
64 60.2 46.6 70.0
63 29.1 23.1 34.7





#5

Phenol-d6

Concen: 0.326 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

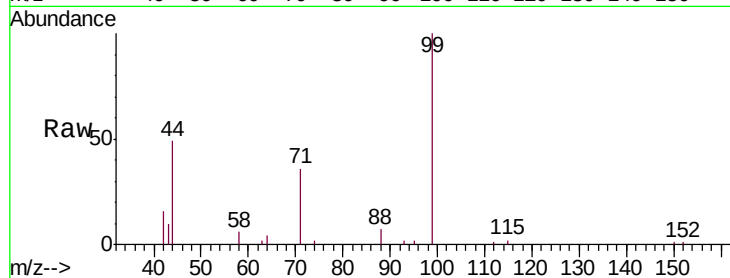
Tgt Ion: 99 Resp: 8840

Ion Ratio Lower Upper

99 100

42 14.8 12.8 19.2

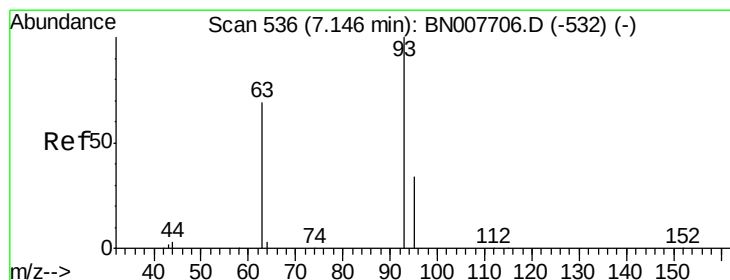
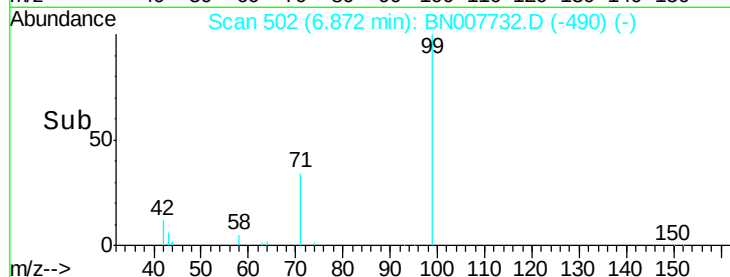
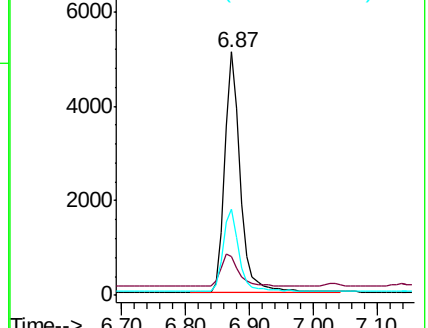
71 34.8 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007732.D (-511) (-)

Ion 42.00 (41.70 to 42.70): BN007732.D (-511) (-)

Ion 71.00 (70.70 to 71.70): BN007732.D (-511) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.373 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

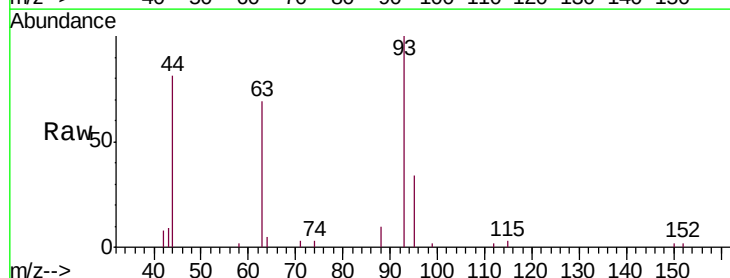
Tgt Ion: 93 Resp: 6640

Ion Ratio Lower Upper

93 100

63 75.5 59.3 88.9

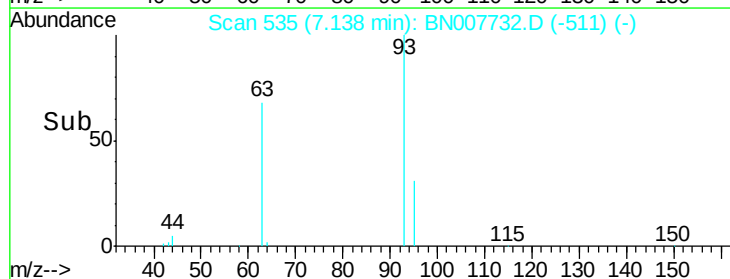
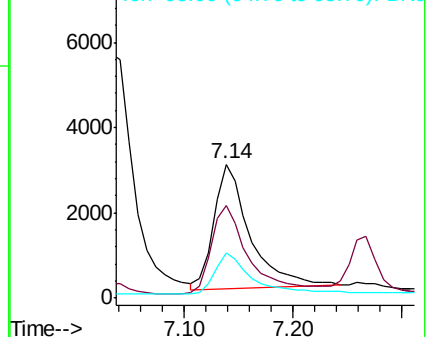
95 38.6 31.4 47.0

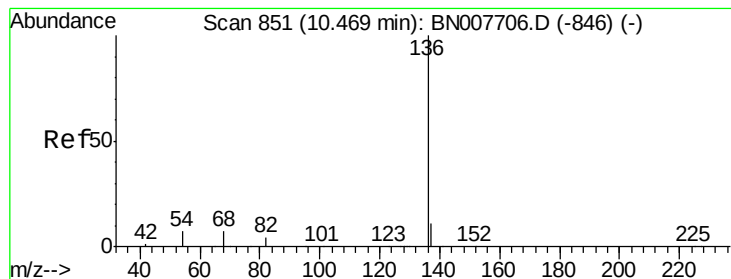


Abundance Ion 93.00 (92.70 to 93.70): BN007732.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007732.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007732.D (-511) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 25081

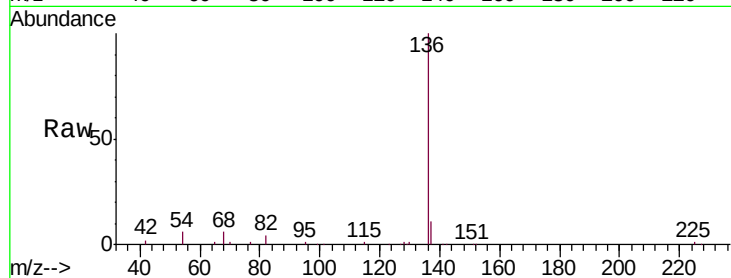
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 5.9 5.8 8.8

68 6.4 6.5 9.7#

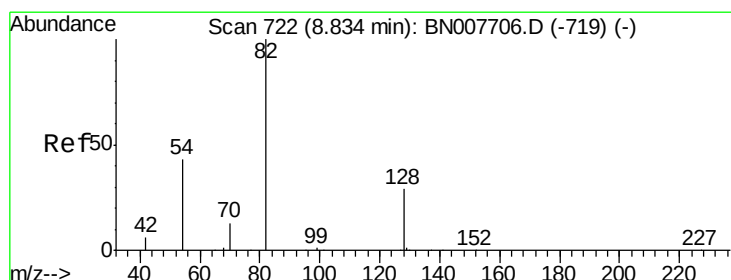
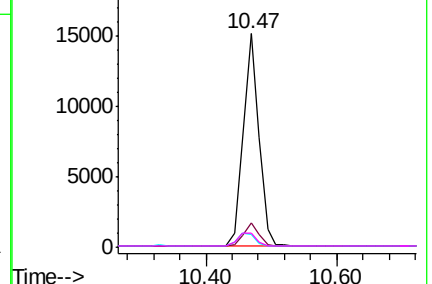
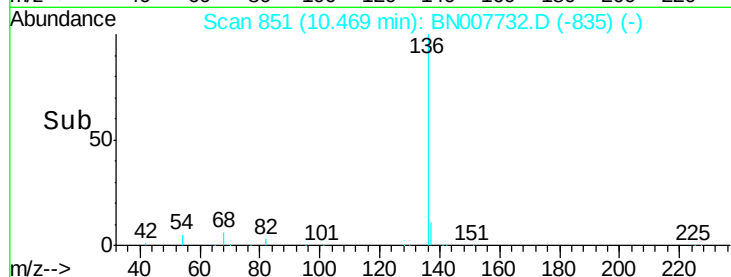


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

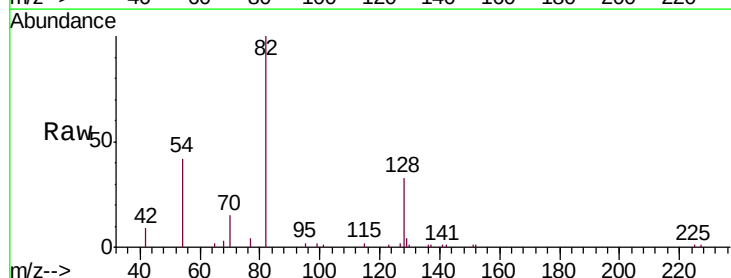
Tgt Ion: 82 Resp: 8189

Ion Ratio Lower Upper

82 100

128 33.0 24.5 36.7

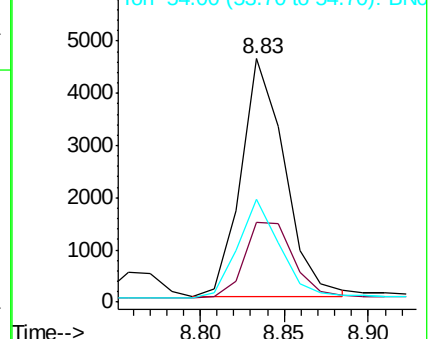
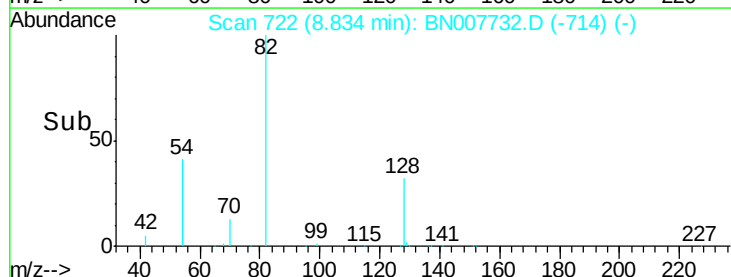
54 42.2 35.2 52.8

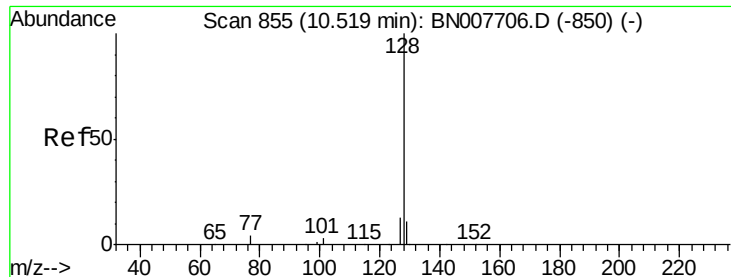


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.402 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

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ClientSampleId :

SSTDCCC0.4

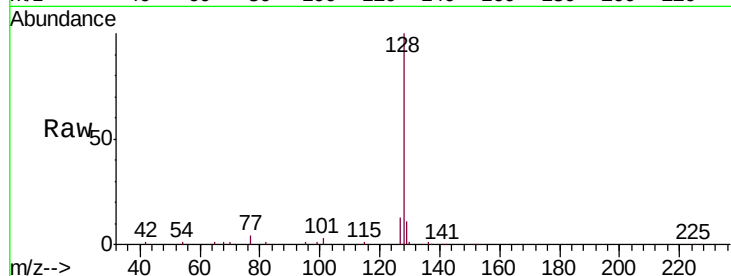
Tgt Ion:128 Resp: 28279

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

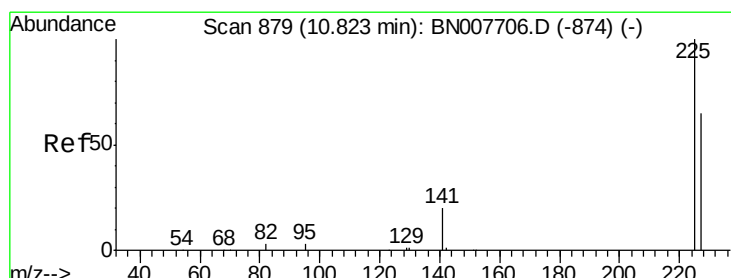
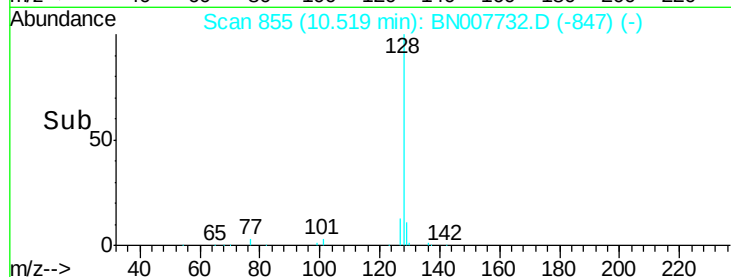
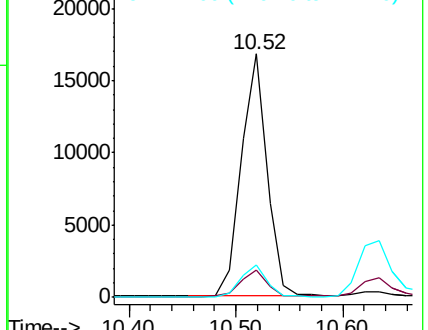
127 13.1 10.6 15.8



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



#10

Hexachlorobutadiene

Concen: 0.392 ng

RT: 10.82 min Scan# 879

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

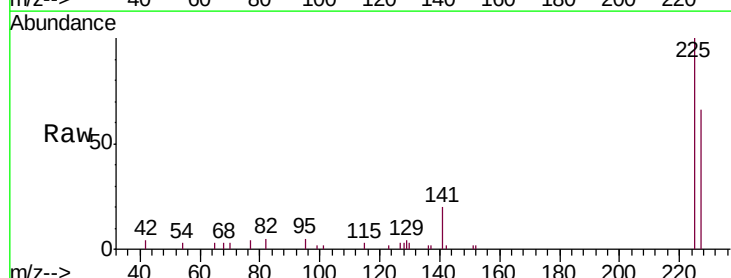
Tgt Ion:225 Resp: 5809

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

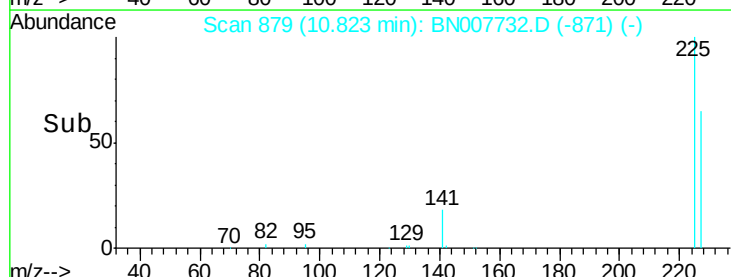
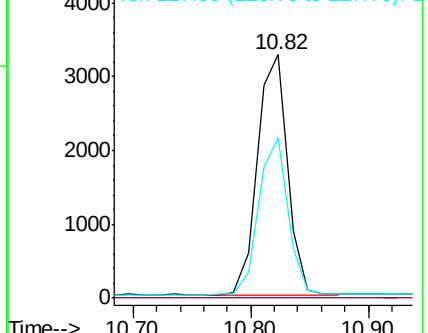
227 63.9 51.2 76.8

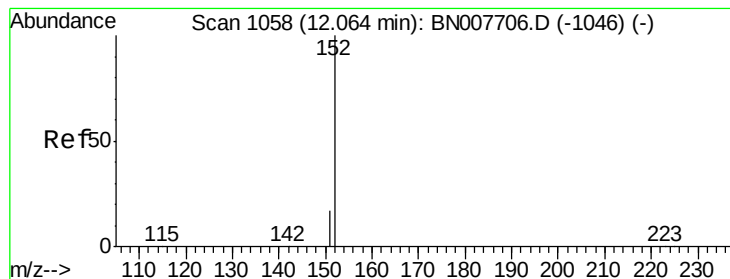


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.06 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

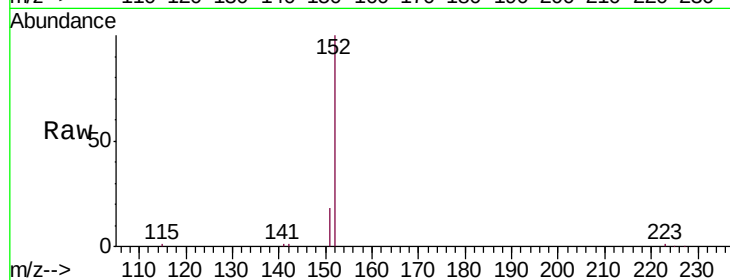
SSTDCCC0.4

Tgt Ion:152 Resp: 16592

Ion Ratio Lower Upper

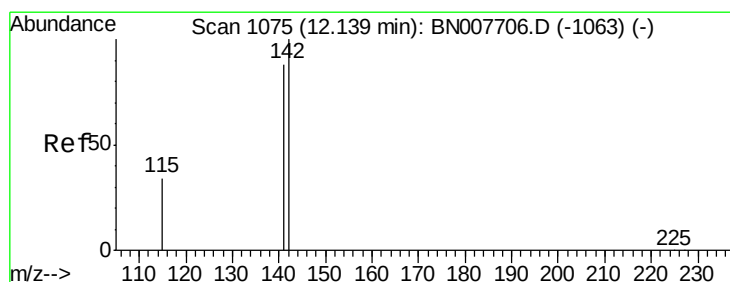
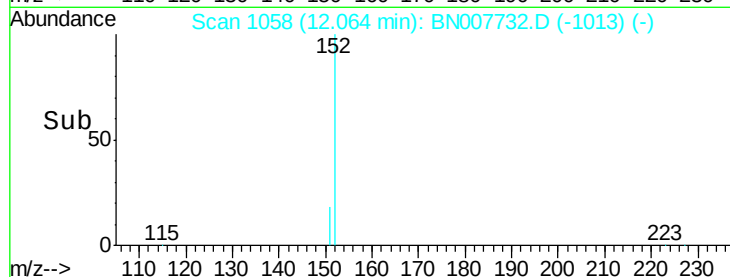
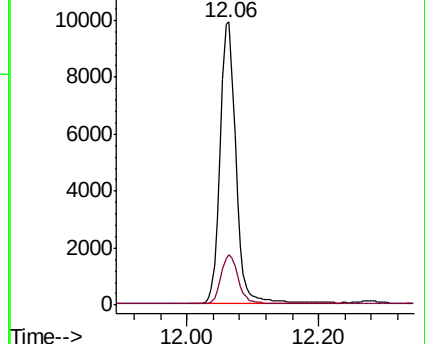
152 100

151 18.9 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: 0.398 ng

RT: 12.13 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

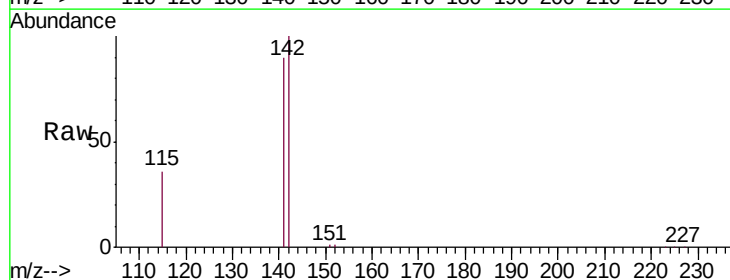
Tgt Ion:142 Resp: 18940

Ion Ratio Lower Upper

142 100

141 89.6 70.6 106.0

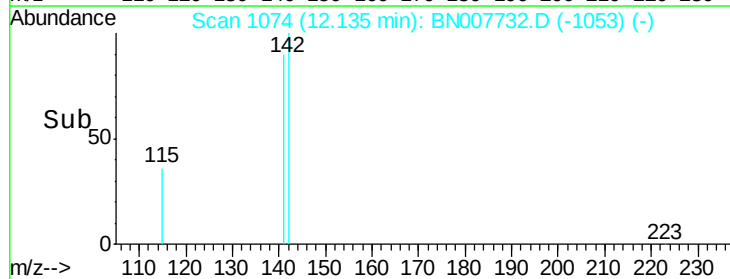
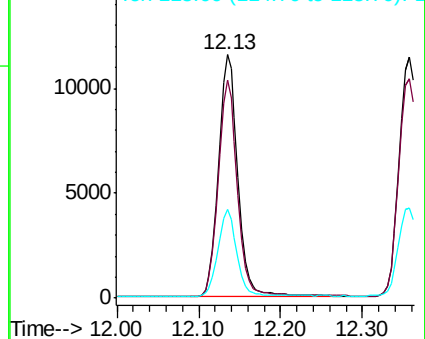
115 36.2 28.3 42.5

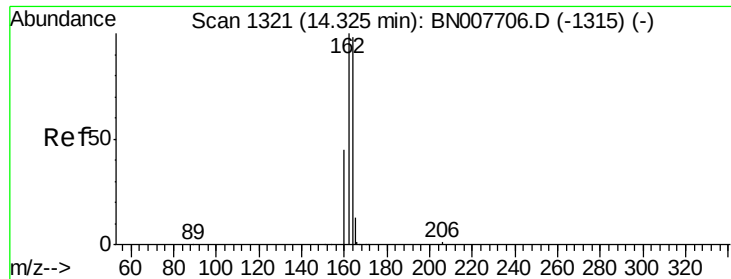


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

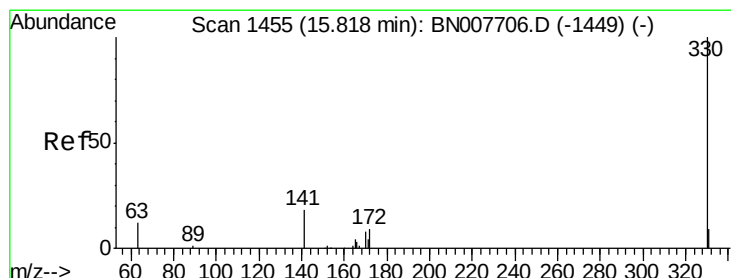
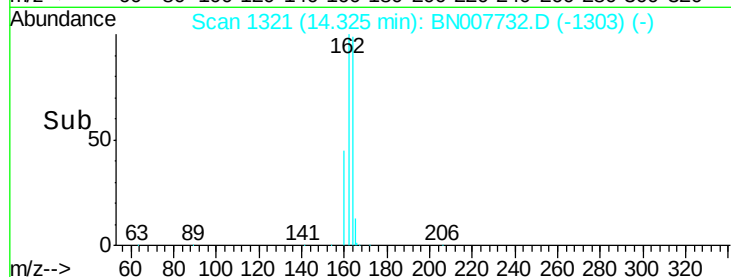
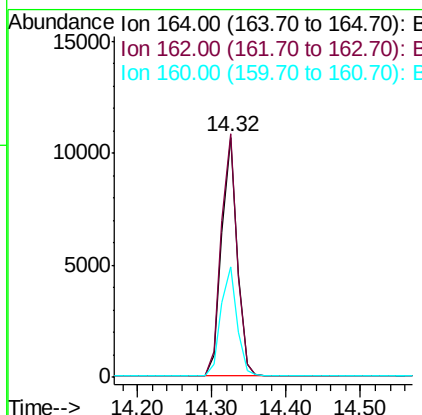
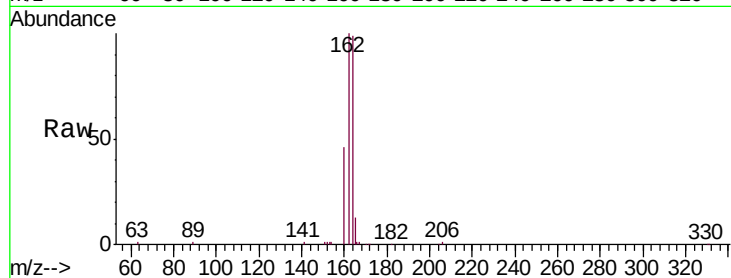




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007732.D
Acq: 19 Sep 2019 07:39

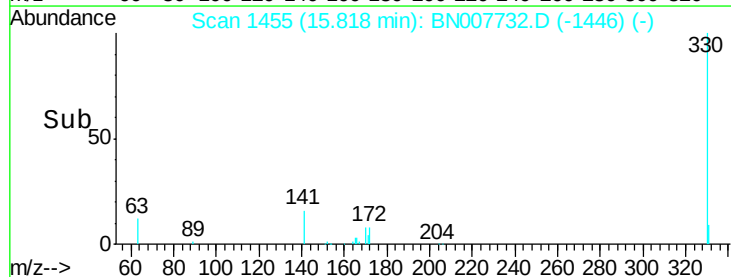
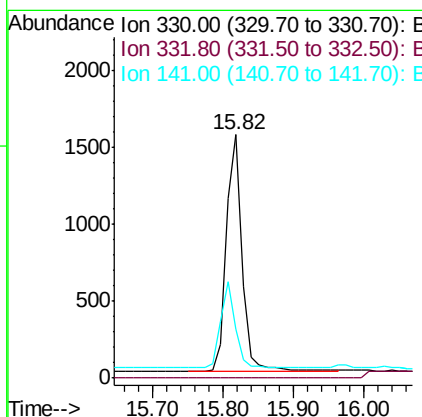
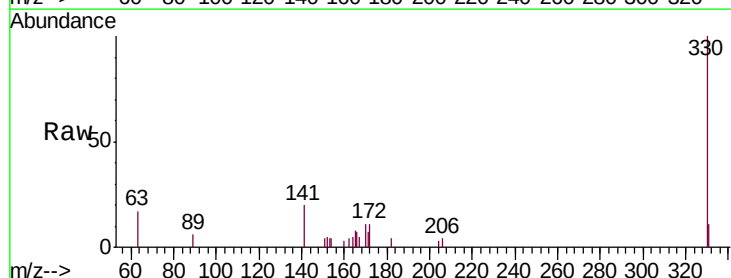
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

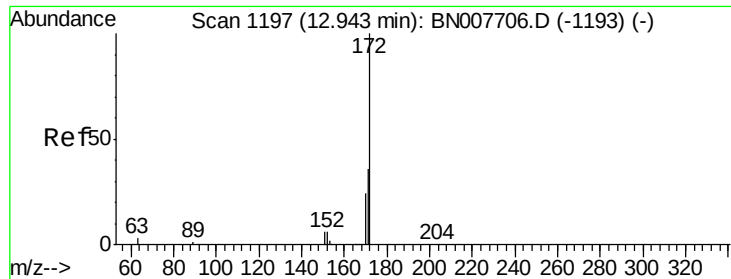
Tgt Ion:164 Resp: 15615
Ion Ratio Lower Upper
164 100
162 101.5 81.7 122.5
160 46.3 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007732.D
Acq: 19 Sep 2019 07:39

Tgt Ion:330 Resp: 2437
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.5 28.7 43.1

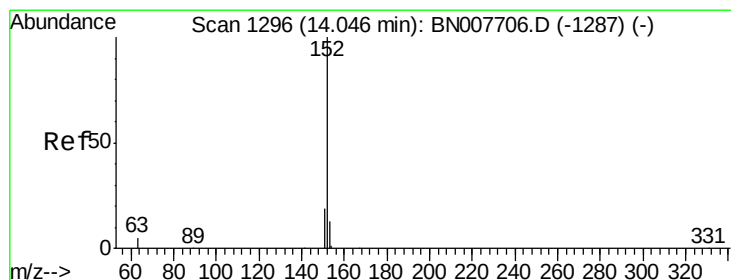
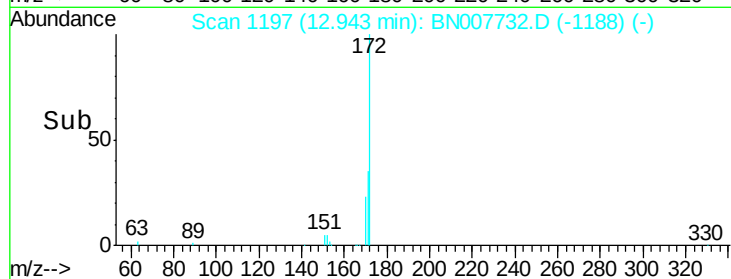
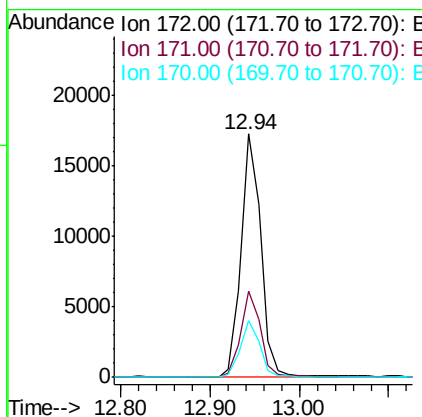
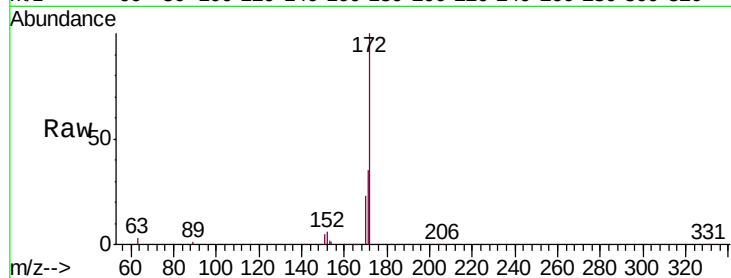




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007732.D
Acq: 19 Sep 2019 07:39

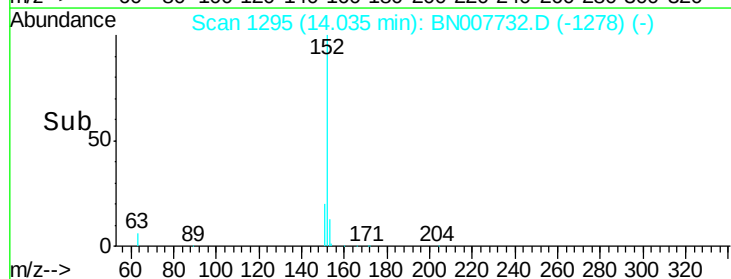
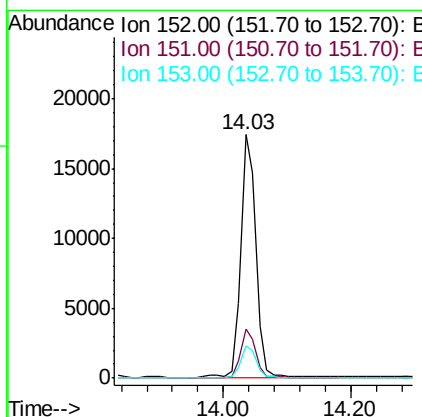
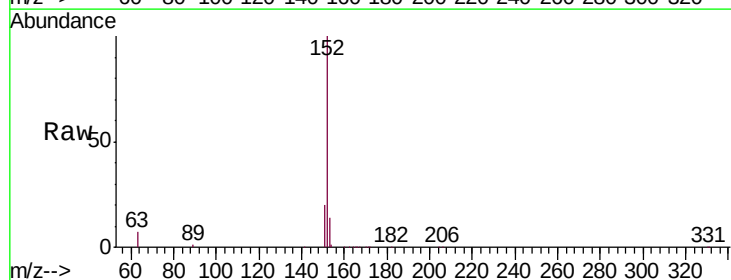
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

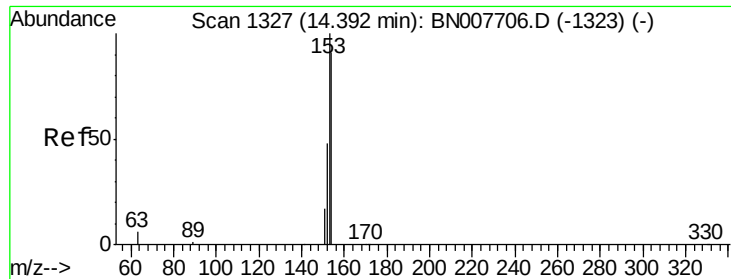
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	23.3	19.5	29.3



#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007732.D
Acq: 19 Sep 2019 07:39

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





#17

Acenaphthene

Concen: 0.359 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

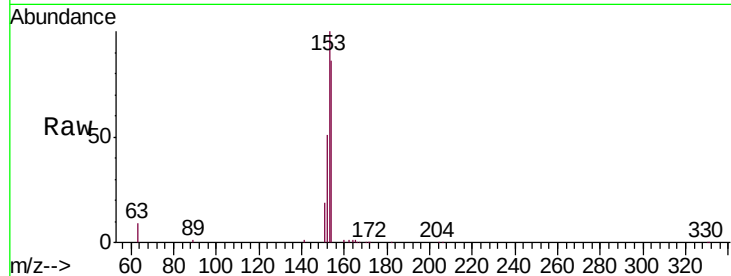
Tgt Ion:154 Resp: 19181

Ion Ratio Lower Upper

154 100

153 112.2 87.0 130.4

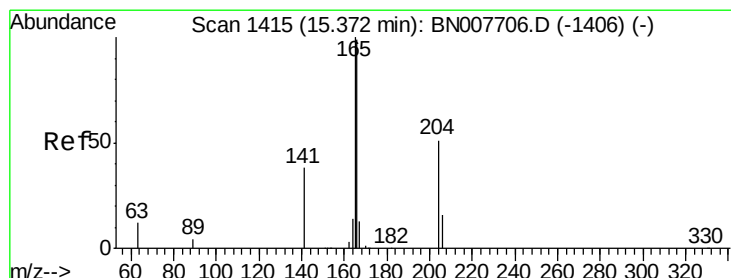
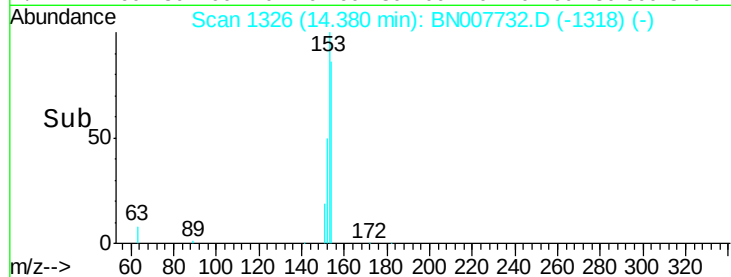
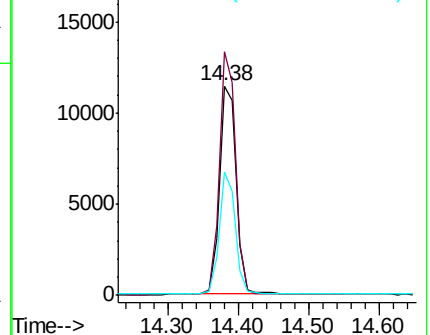
152 56.2 42.7 64.1



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: 0.364 ng

RT: 15.37 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

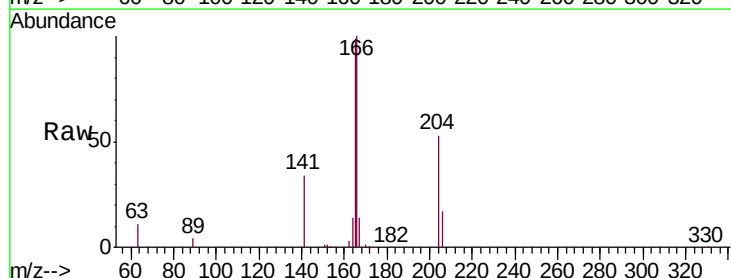
Tgt Ion:166 Resp: 24913

Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

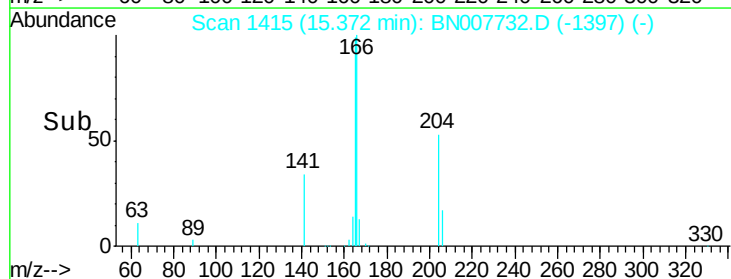
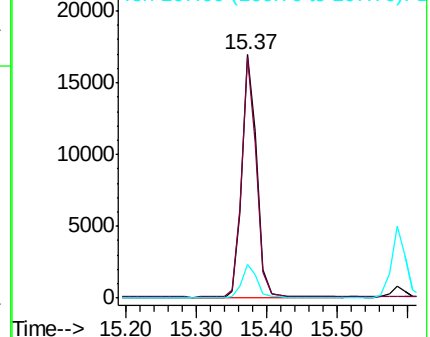
167 13.6 10.9 16.3

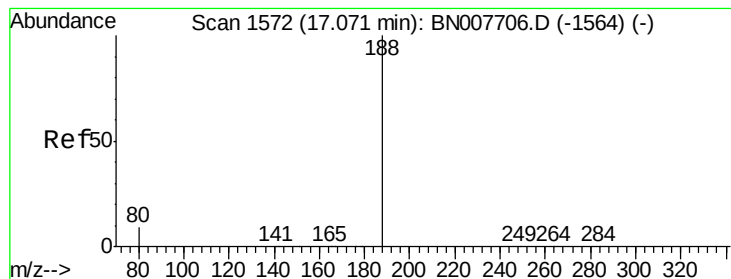


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

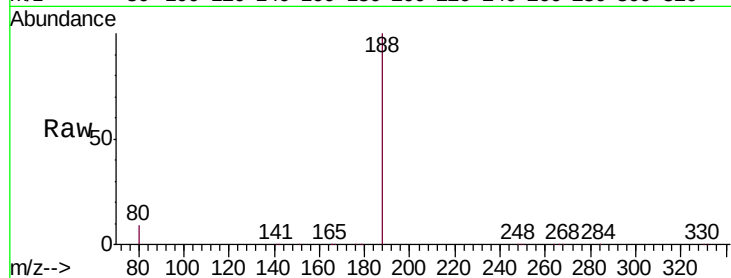
Tgt Ion:188 Resp: 35356

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

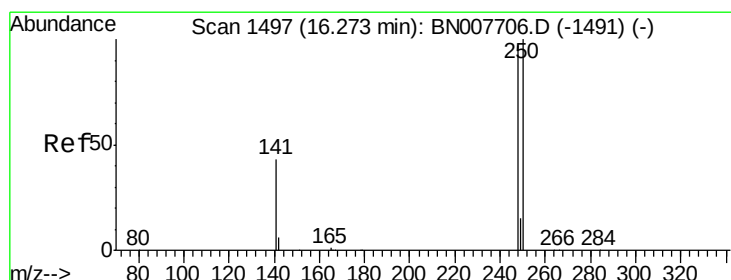
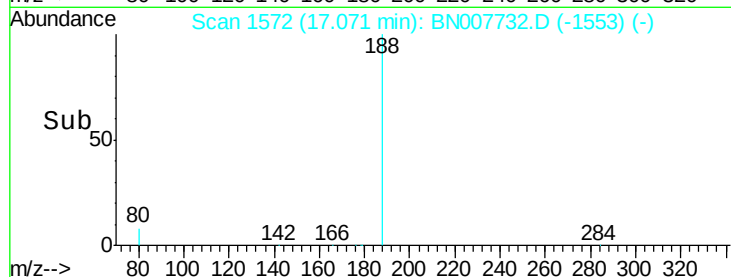
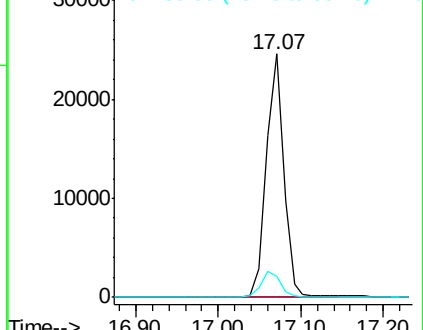
80 8.6 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.395 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

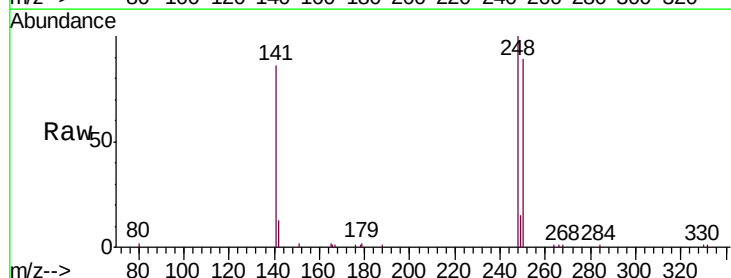
Tgt Ion:248 Resp: 8483

Ion Ratio Lower Upper

248 100

250 88.6 82.2 123.4

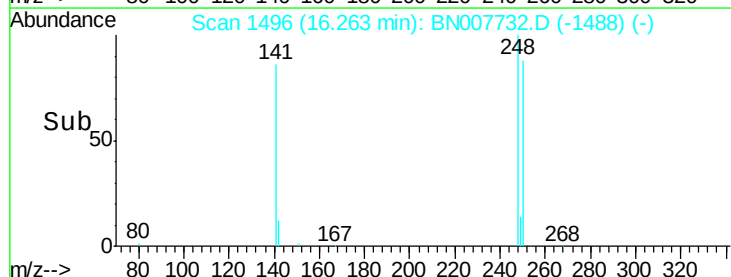
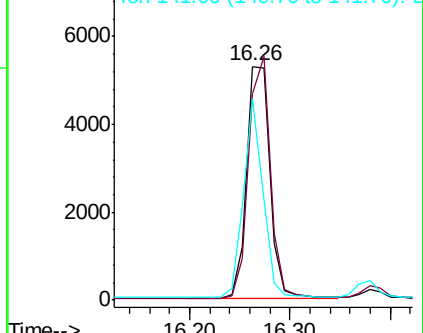
141 86.2 36.3 54.5#

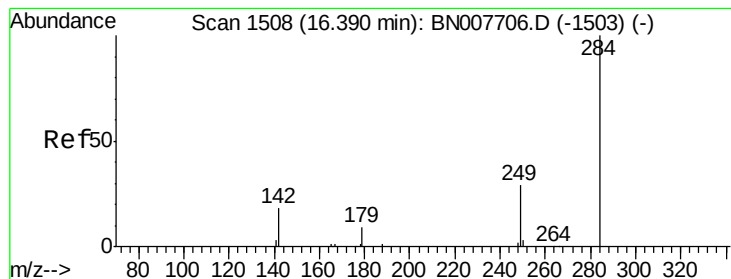


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.413 ng

RT: 16.39 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

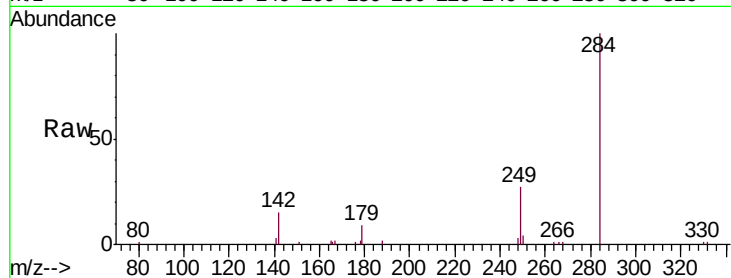
Tgt Ion:284 Resp: 9685

Ion Ratio Lower Upper

284 100

142 33.1 25.8 38.6

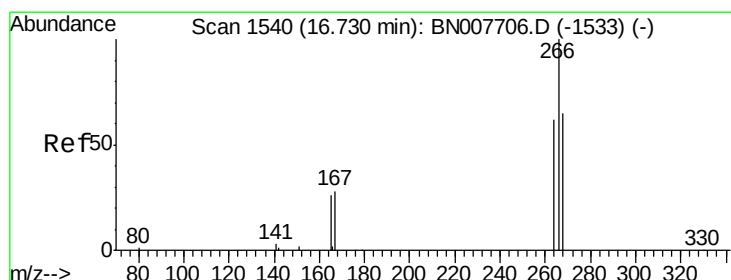
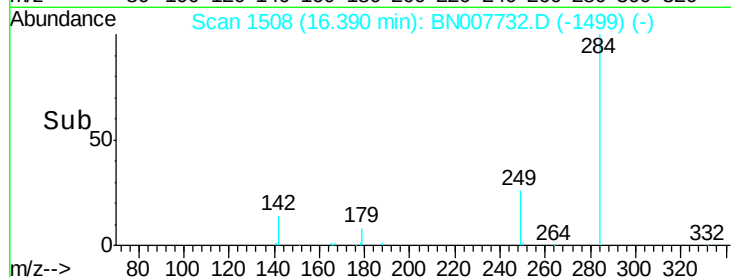
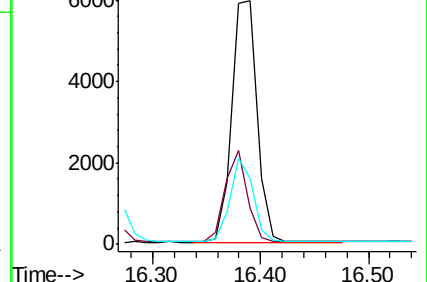
249 31.6 25.9 38.9



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: 0.292 ng

RT: 16.73 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

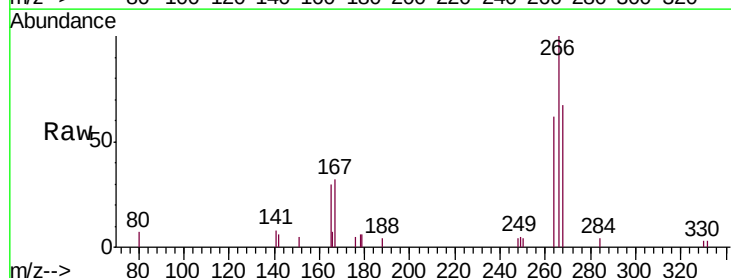
Tgt Ion:266 Resp: 2524

Ion Ratio Lower Upper

266 100

264 61.6 50.0 75.0

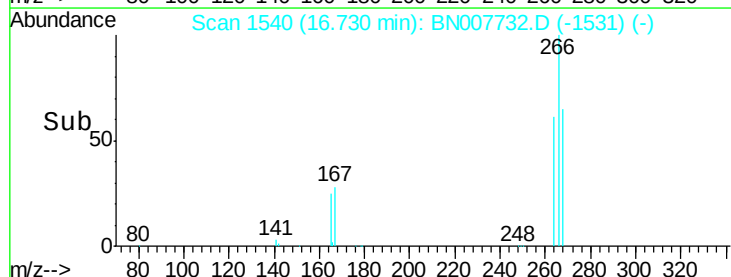
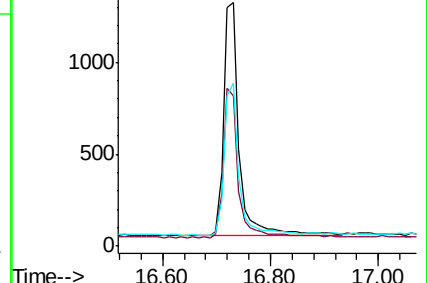
268 66.8 54.2 81.4

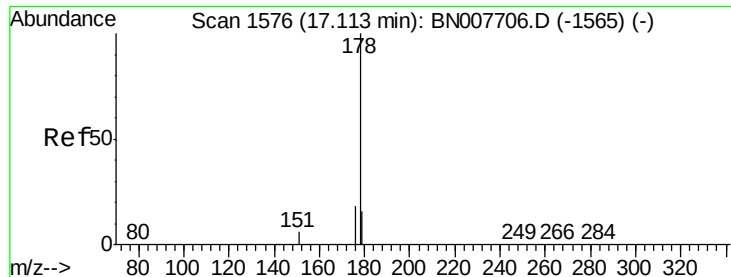


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.401 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

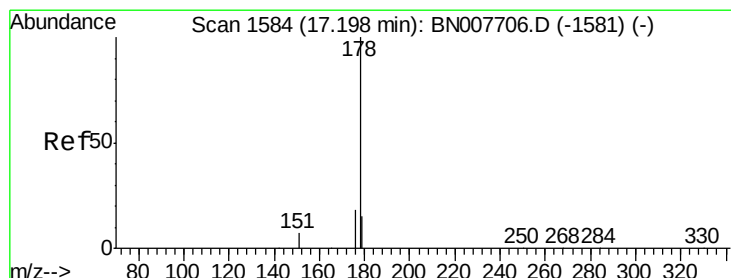
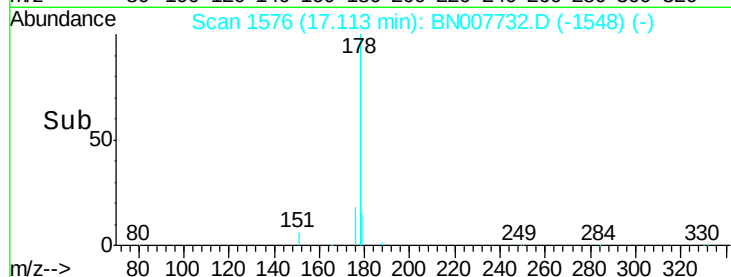
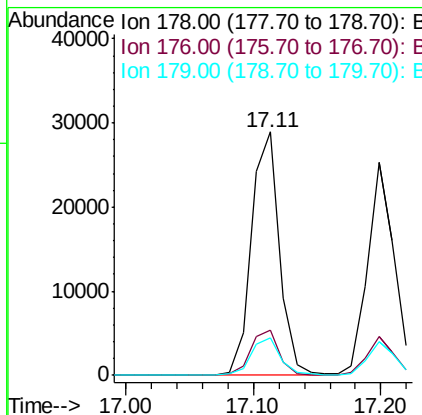
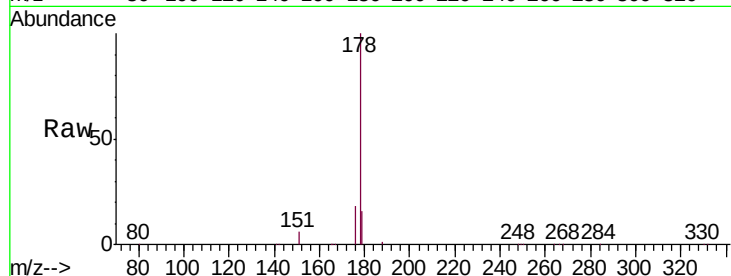
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:178	Resp:	44117
Ion Ratio	Lower	Upper
178	100	
176	18.6	14.9 22.3
179	15.3	12.5 18.7



#24

Anthracene

Concen: 0.370 ng

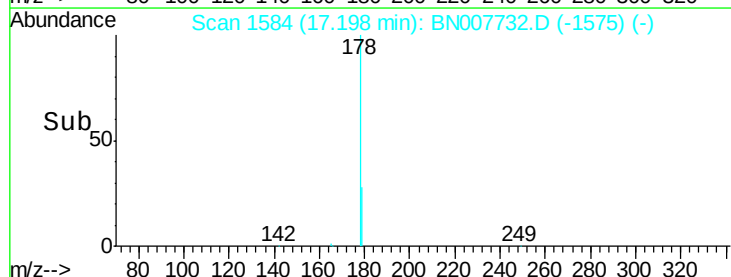
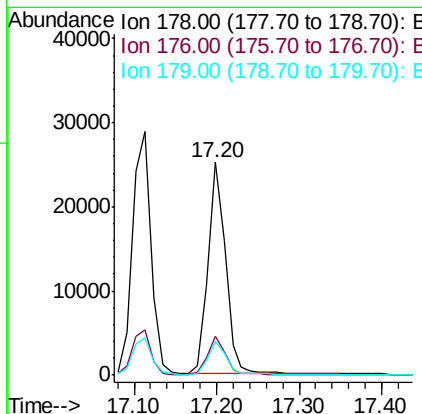
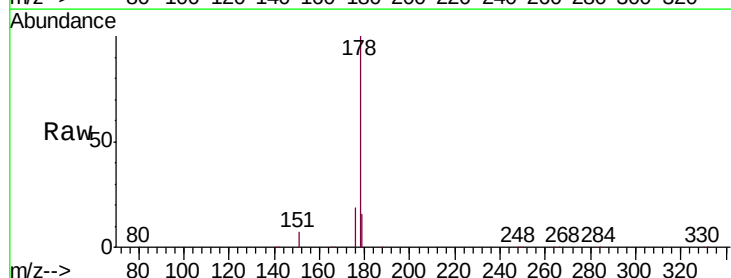
RT: 17.20 min Scan# 1584

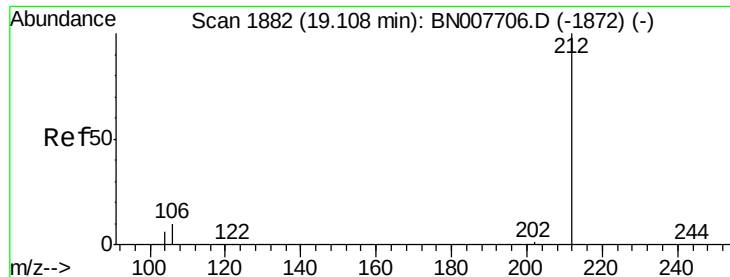
Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Tgt Ion:178	Resp:	36830
Ion Ratio	Lower	Upper
178	100	
176	18.1	14.6 21.8
179	15.4	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

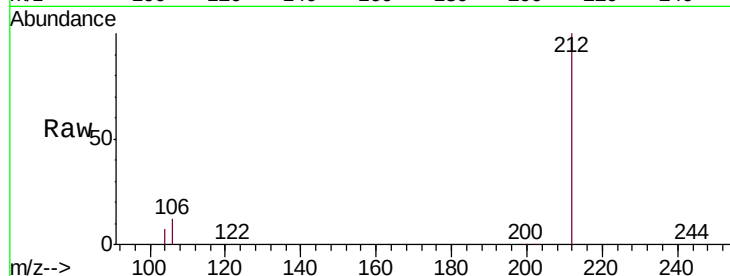
Tgt Ion:212 Resp: 44047

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

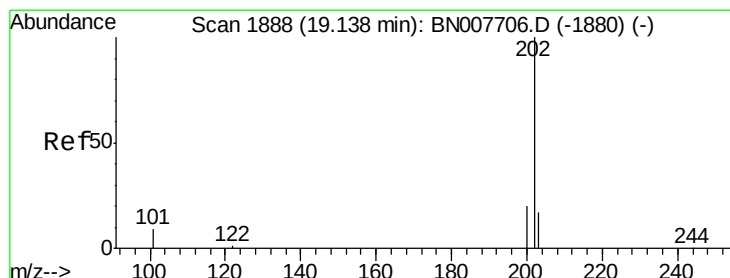
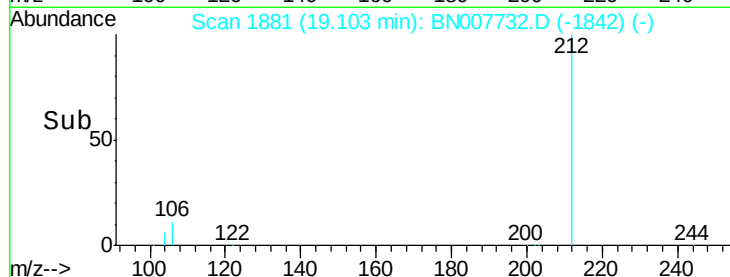
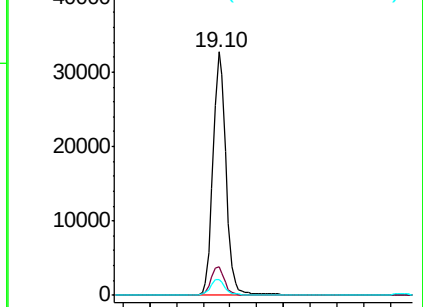
104 6.7 5.3 7.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.381 ng

RT: 19.13 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

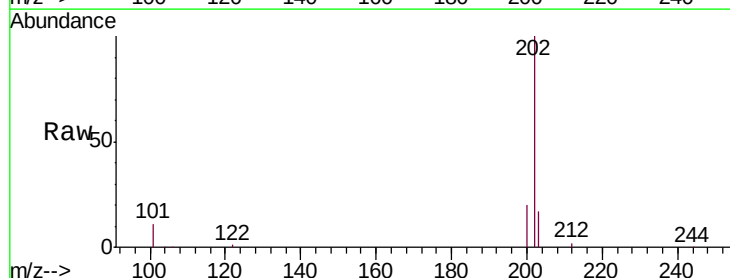
Tgt Ion:202 Resp: 52111

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

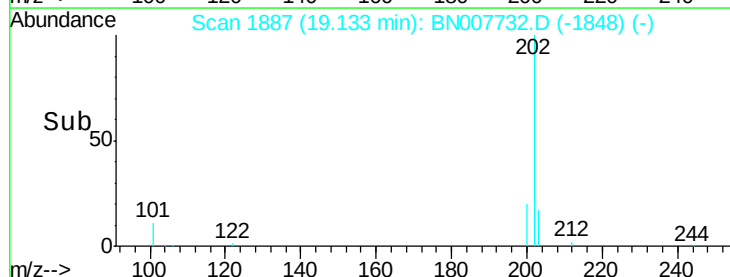
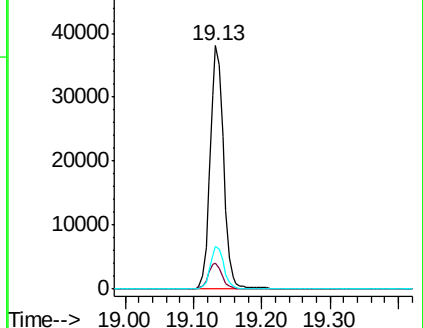
203 17.2 13.8 20.8

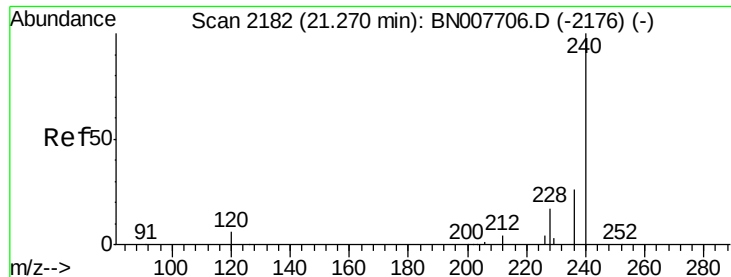


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

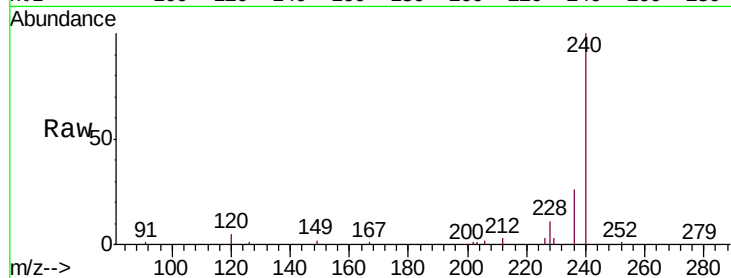
Tgt Ion:240 Resp: 38419

Ion Ratio Lower Upper

240 100

120 5.3 5.4 8.2#

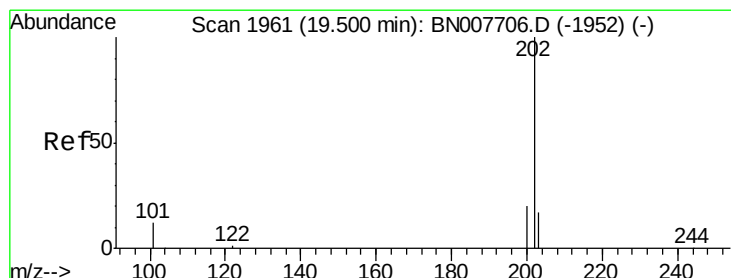
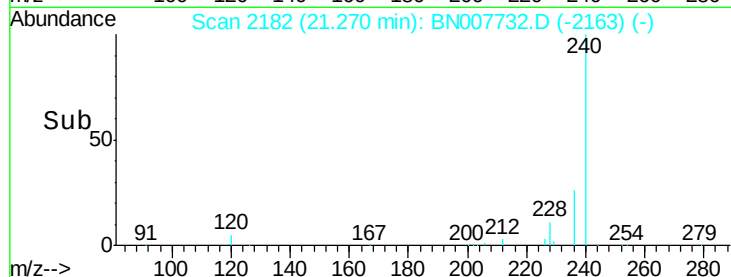
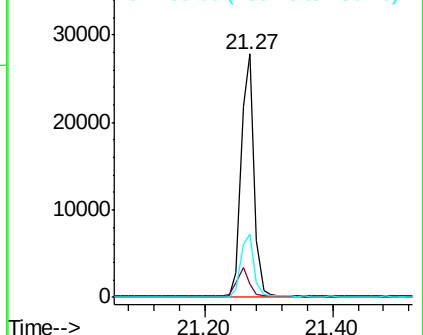
236 26.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.395 ng

RT: 19.50 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

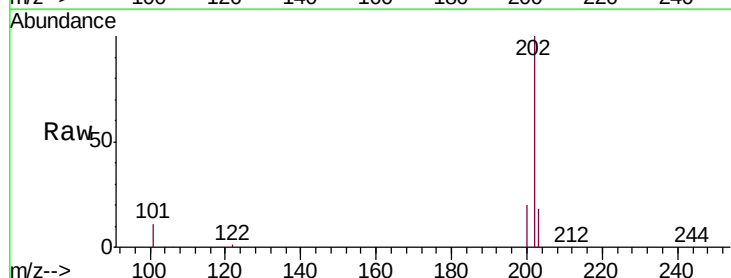
Tgt Ion:202 Resp: 51729

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

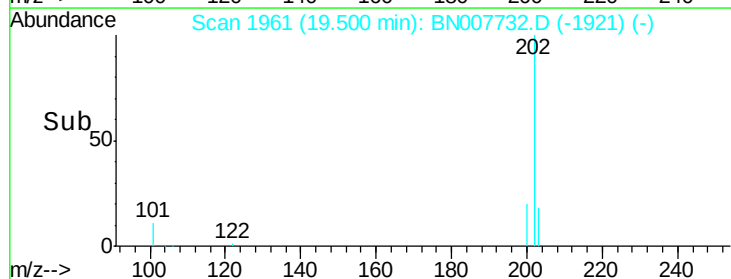
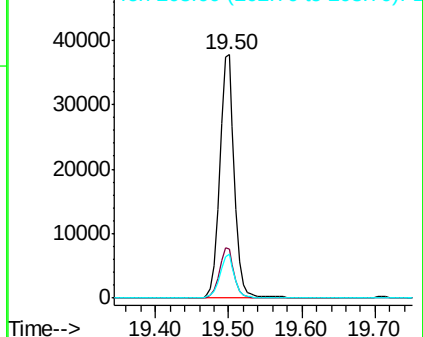
203 17.6 14.1 21.1

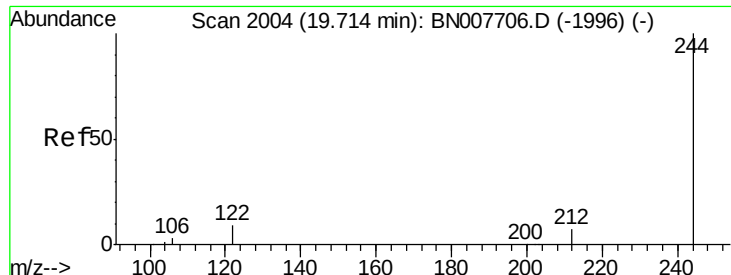


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

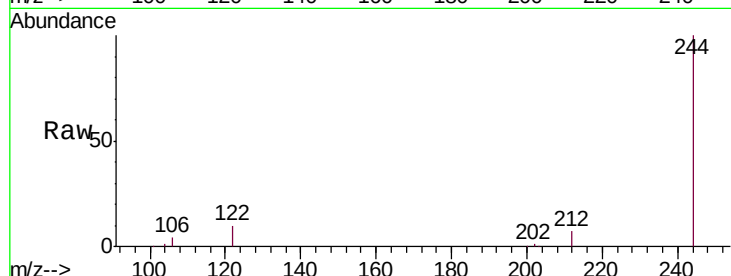
Tgt Ion:244 Resp: 40993

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

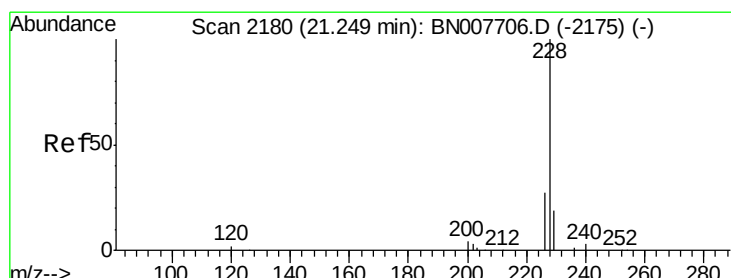
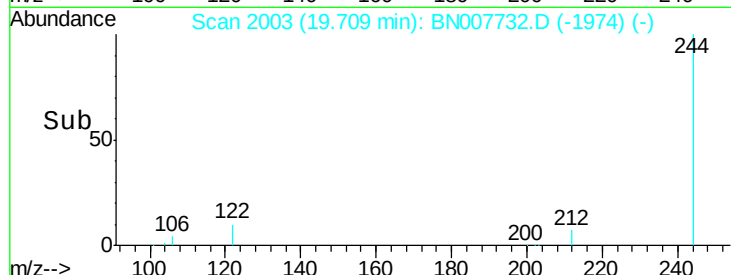
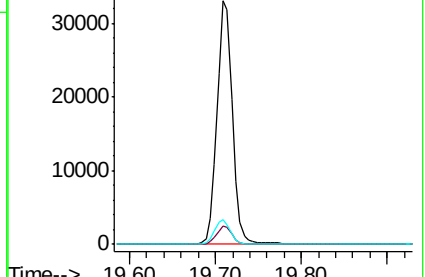
122 10.3 7.4 11.2



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: 0.369 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

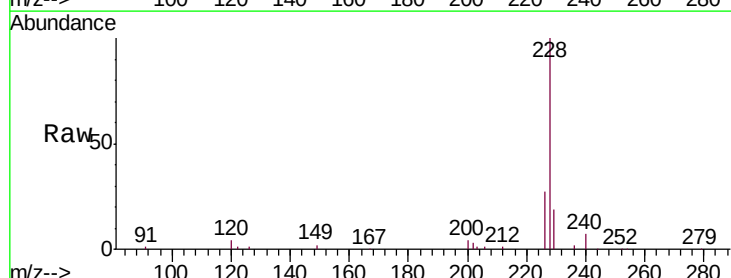
Tgt Ion:228 Resp: 52197

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

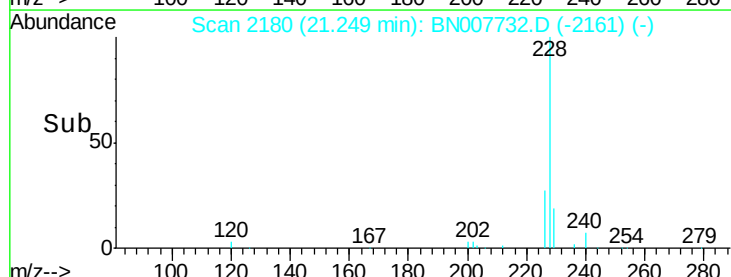
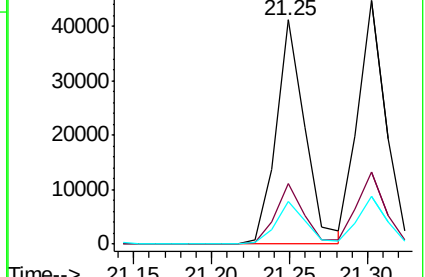
229 19.3 15.8 23.6

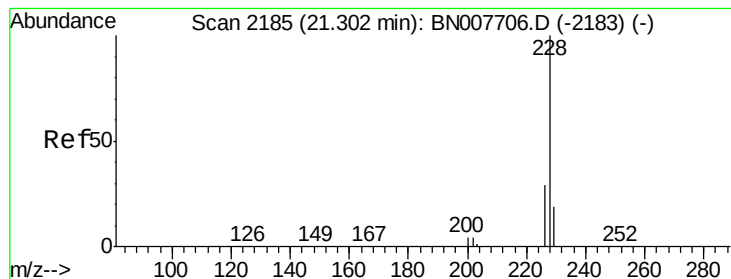


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.399 ng

RT: 21.30 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

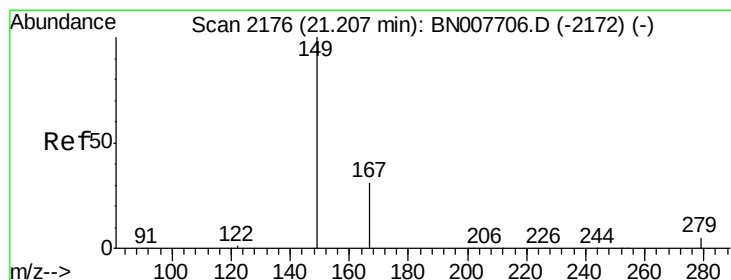
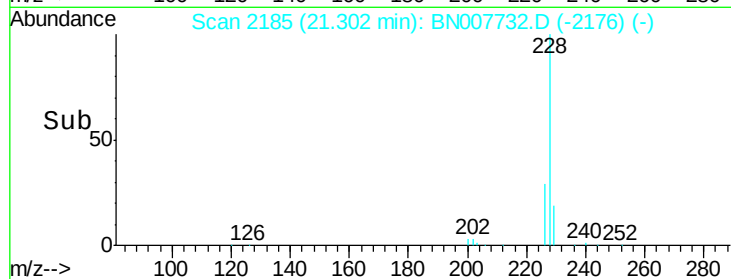
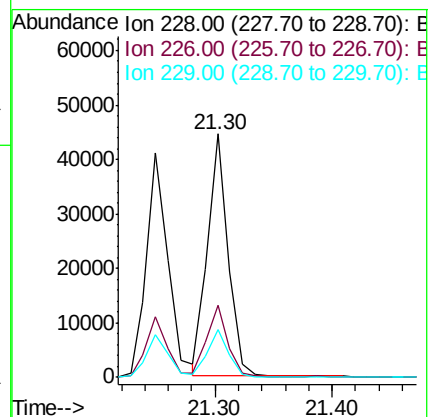
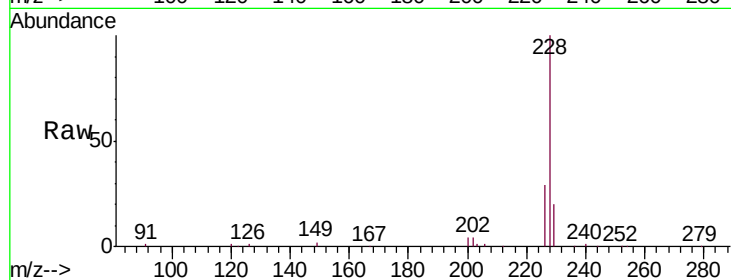
Tgt Ion:228 Resp: 54952

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

229 19.6 15.8 23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.234 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

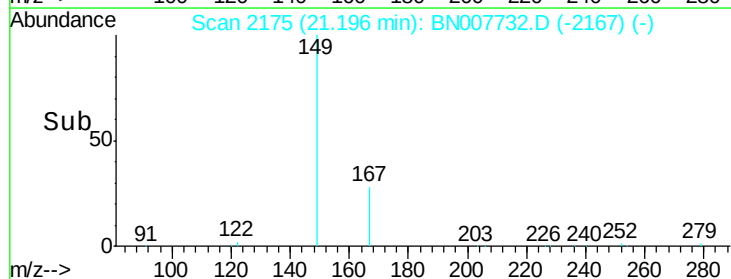
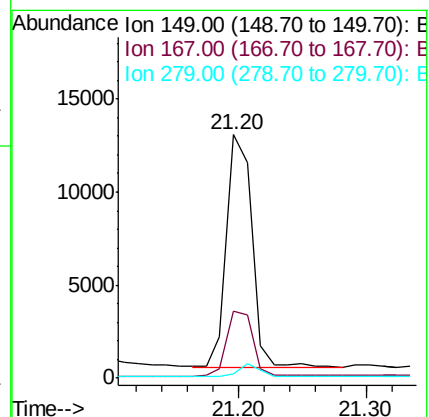
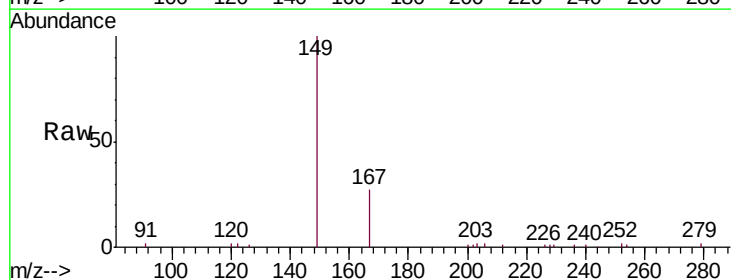
Tgt Ion:149 Resp: 17031

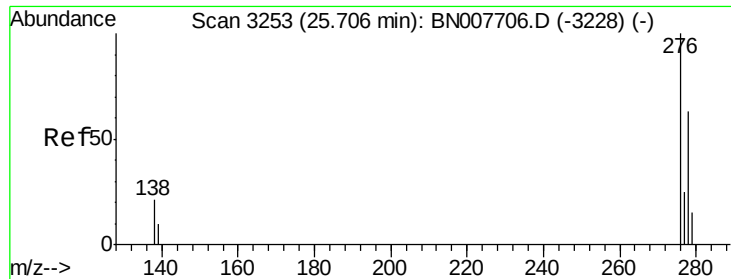
Ion Ratio Lower Upper

149 100

167 28.9 23.7 35.5

279 5.1 4.2 6.2





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.380 ng

RT: 25.70 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

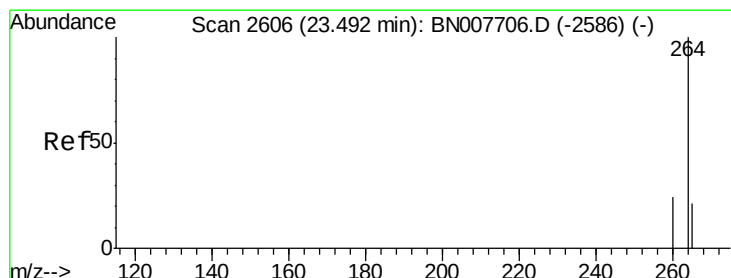
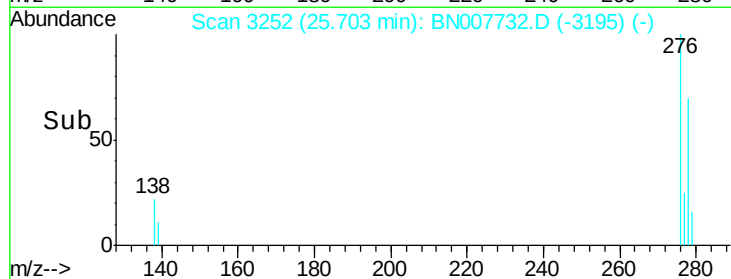
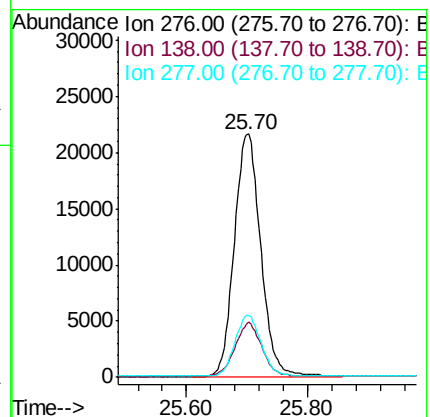
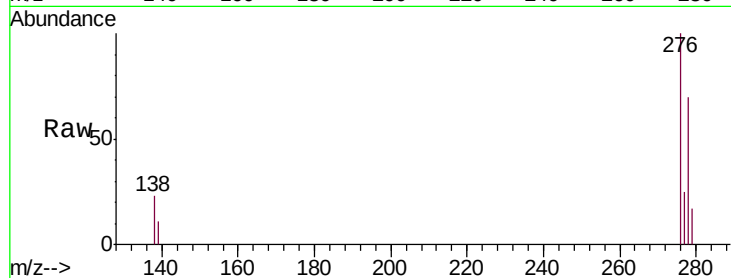
Tgt Ion:276 Resp: 65568

Ion Ratio Lower Upper

276 100

138 22.8 17.1 25.7

277 25.0 20.0 30.0



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.49 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

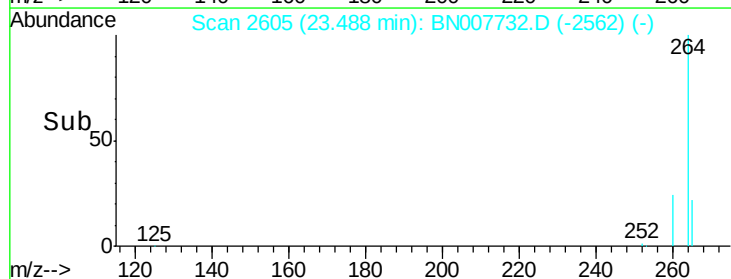
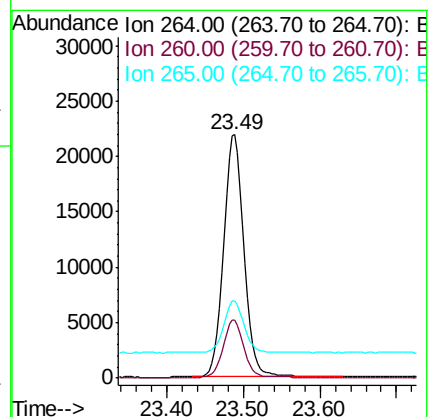
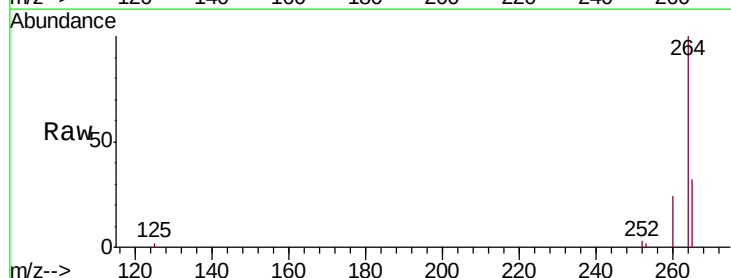
Tgt Ion:264 Resp: 41280

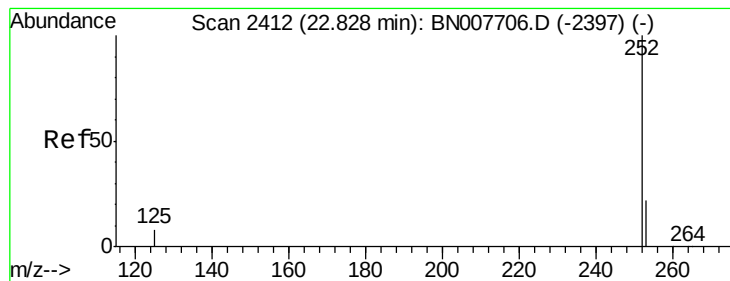
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 31.9 26.9 40.3





#35

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 22.82 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

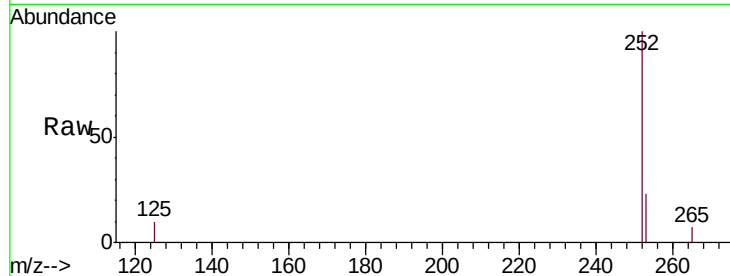
Tgt Ion:252 Resp: 53983

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

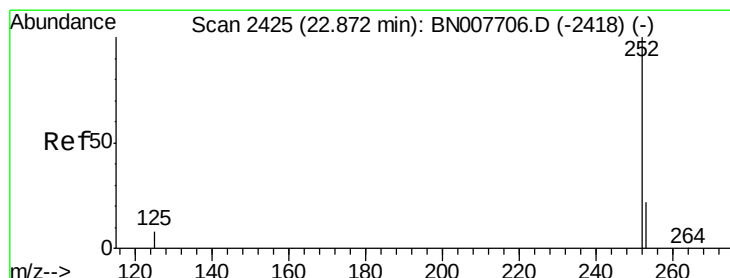
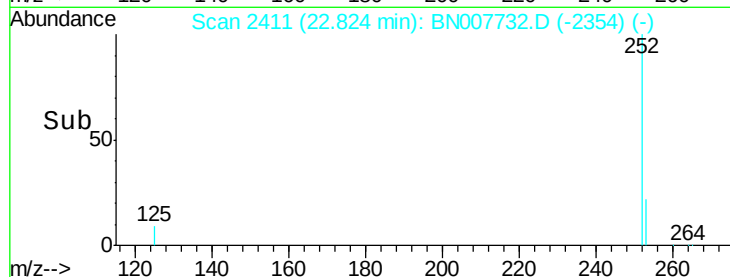
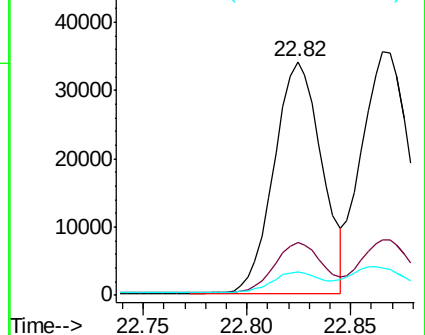
125 10.0 8.2 12.4



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: 0.417 ng

RT: 22.87 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

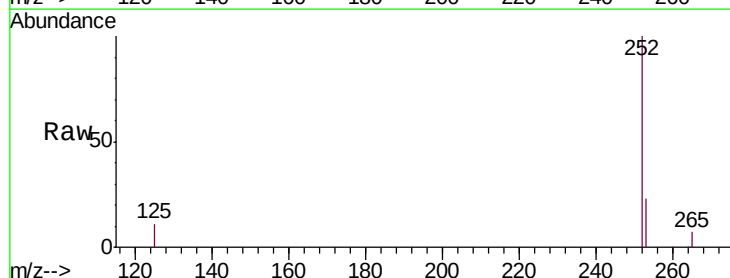
Tgt Ion:252 Resp: 59116

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

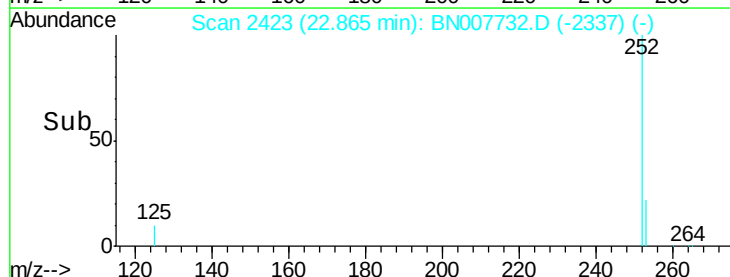
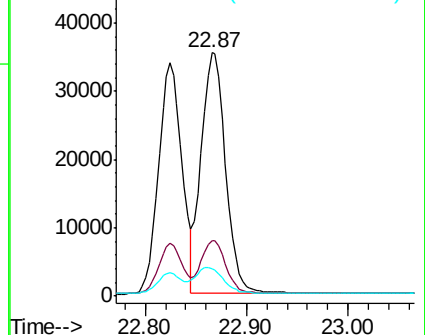
125 11.4 8.4 12.6

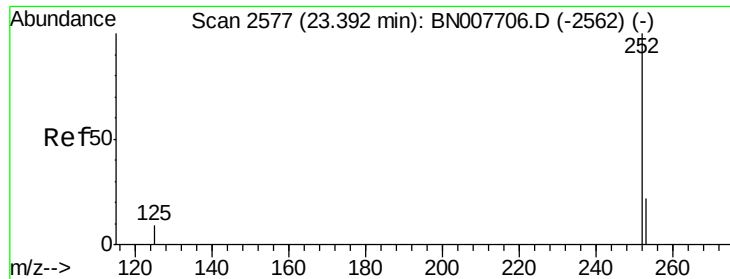


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.366 ng

RT: 23.39 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

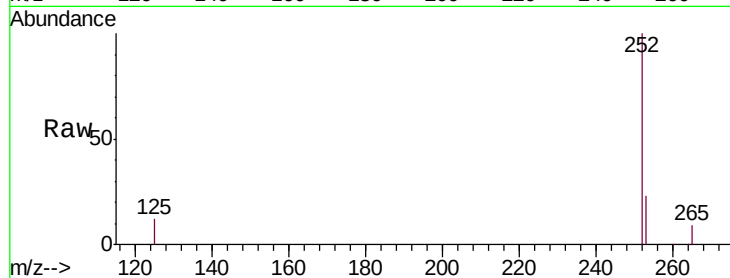
Tgt Ion:252 Resp: 49273

Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

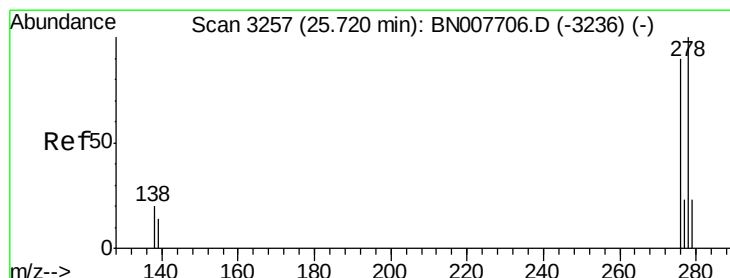
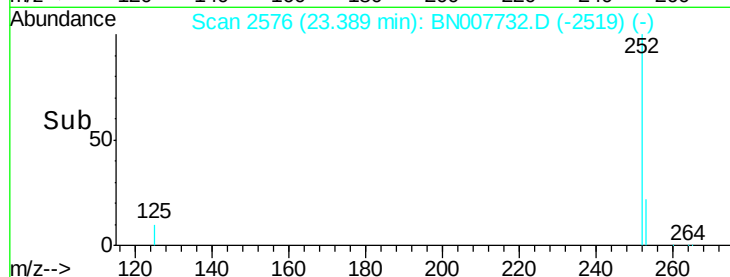
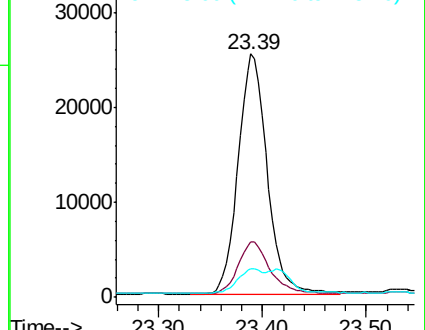
125 11.6 9.4 14.0



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: 0.385 ng

RT: 25.72 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BN007732.D

Acq: 19 Sep 2019 07:39

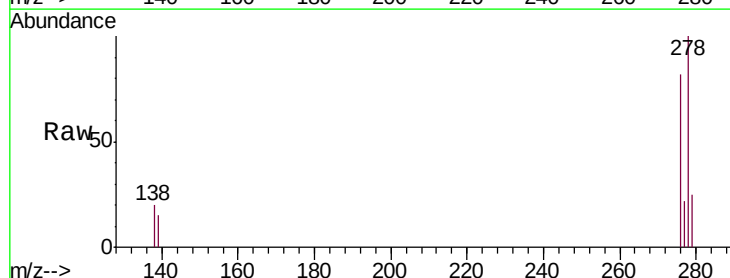
Tgt Ion:278 Resp: 52999

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

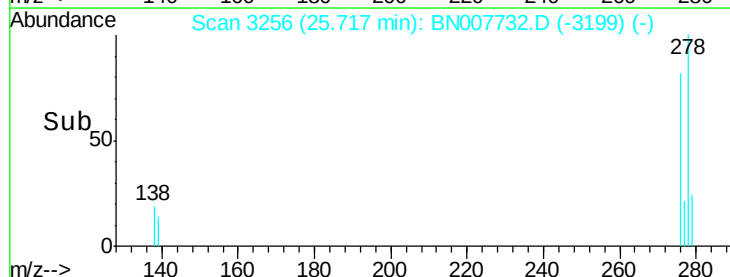
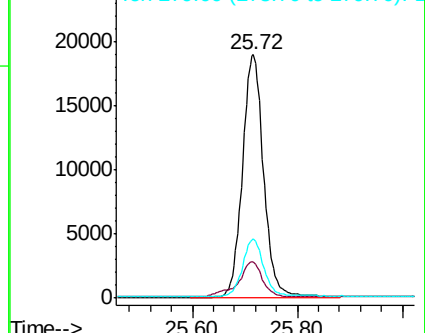
279 24.6 19.4 29.2

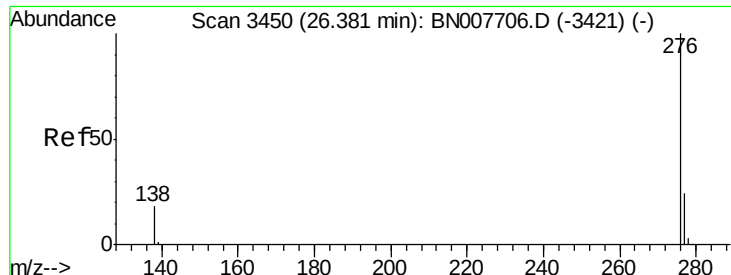


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.372 ng

RT: 26.37 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BN007732.D

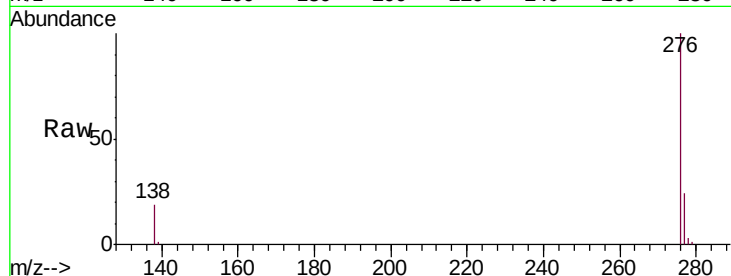
Acq: 19 Sep 2019 07:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



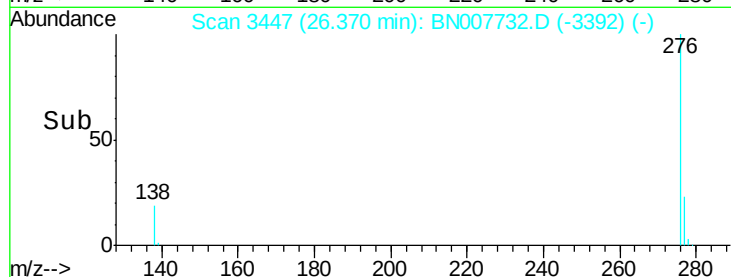
Tgt Ion: 276 Resp: 50680

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 19.4 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

