

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007797.D
 Acq On : 21 Sep 2019 12:02
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 23 01:57:43 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	6035	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	23125	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	13527	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	29517	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	33203	0.40	ng	-0.01
34) Perylene-d12	23.47	264	36917	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	5746	0.28	ng	0.00
5) Phenol-d6	6.86	99	7143	0.27	ng	0.00
8) Nitrobenzene-d5	8.83	82	6435	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	15046	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1707	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	21501	0.39	ng	-0.01
25) Fluoranthene-d10	19.09	212	37069	0.37	ng	-0.01
29) Terphenyl-d14	19.70	244	31659	0.39	ng	-0.01

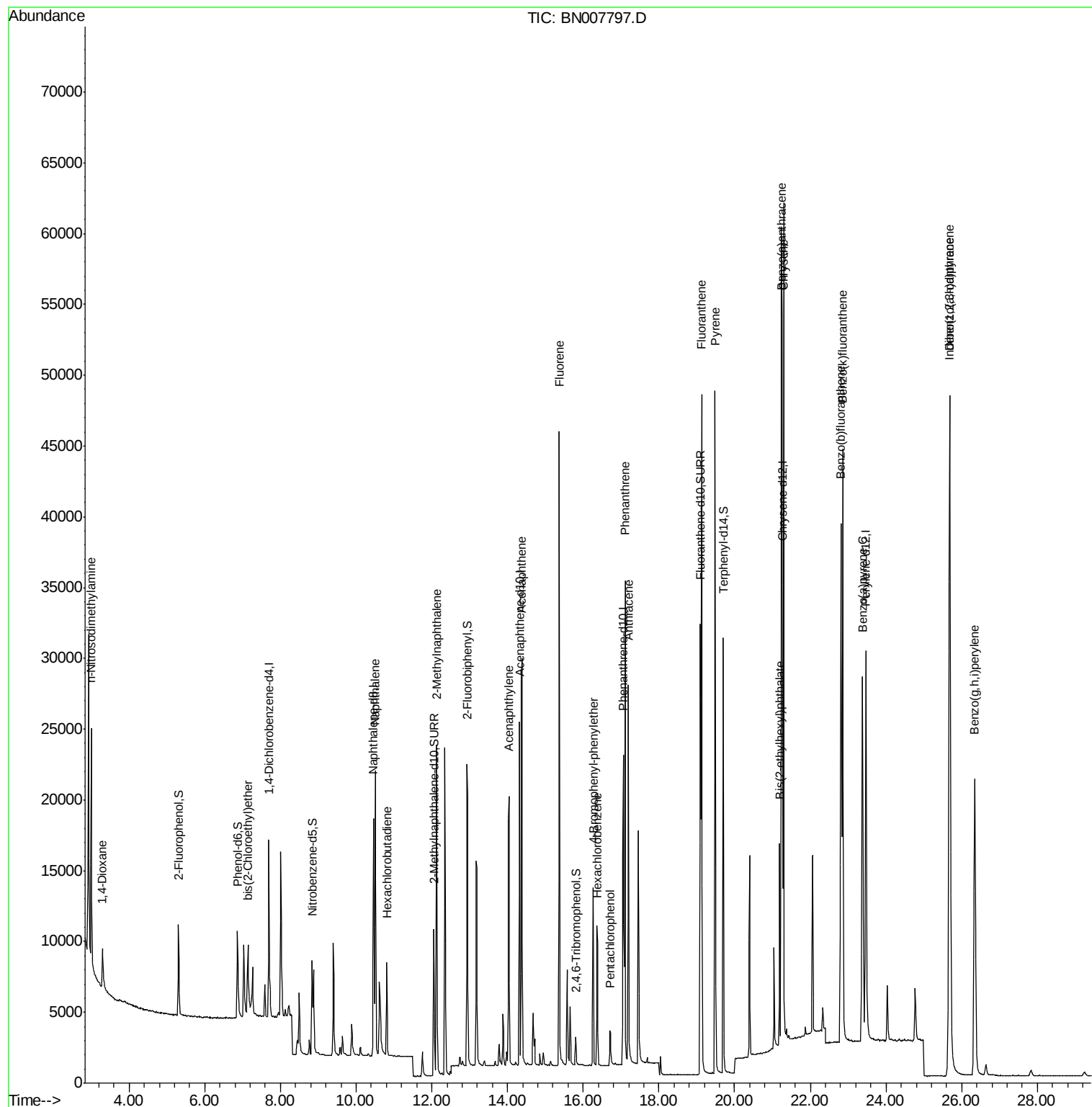
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	2410	0.358	ng	# 79
3) n-Nitrosodimethylamine	3.00	42	1866	0.606	ng	# 94
6) bis(2-Chloroethyl)ether	7.14	93	6097	0.357	ng	99
9) Naphthalene	10.51	128	25831	0.398	ng	100
10) Hexachlorobutadiene	10.81	225	5342	0.391	ng	# 99
12) 2-Methylnaphthalene	12.13	142	17230	0.393	ng	100
16) Acenaphthylene	14.03	152	23707	0.330	ng	99
17) Acenaphthene	14.38	154	16404	0.355	ng	96
18) Fluorene	15.36	166	20931	0.353	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	7039	0.393	ng	99
21) Hexachlorobenzene	16.38	284	8048	0.411	ng	98
22) Pentachlorophenol	16.72	266	1638	0.227	ng	97
23) Phenanthrene	17.10	178	36767	0.400	ng	100
24) Anthracene	17.19	178	29886	0.360	ng	100
26) Fluoranthene	19.12	202	43593	0.381	ng	100
28) Pyrene	19.49	202	43706	0.386	ng	100
30) Benzo(a)anthracene	21.24	228	41404	0.339	ng	98
31) Chrysene	21.29	228	48766	0.409	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	12178	0.194	ng	99
33) Indeno(1,2,3-cd)pyrene	25.67	276	60647	0.406	ng	98
35) Benzo(b)fluoranthene	22.81	252	47301	0.369	ng	100
36) Benzo(k)fluoranthene	22.85	252	54275	0.428	ng	99
37) Benzo(a)pyrene	23.37	252	42697	0.355	ng	99
38) Dibenzo(a,h)anthracene	25.69	278	48465	0.393	ng	99
39) Benzo(g,h,i)perylene	26.34	276	45278	0.371	ng	98

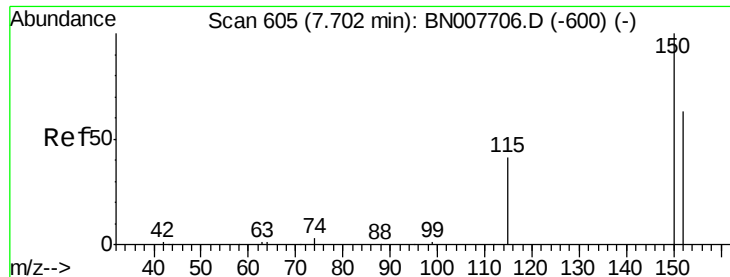
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

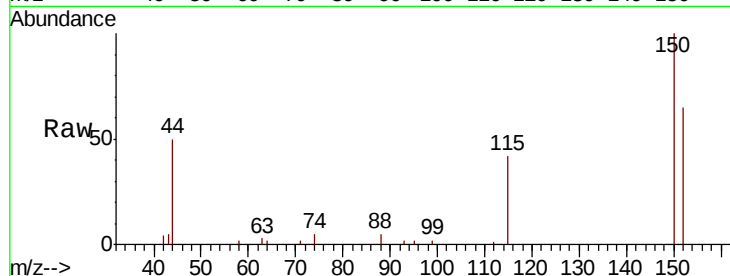
Tot Ion:152 Resp: 6035

Ion Ratio Lower Upper

152 100

150 153.0 125.6 188.4

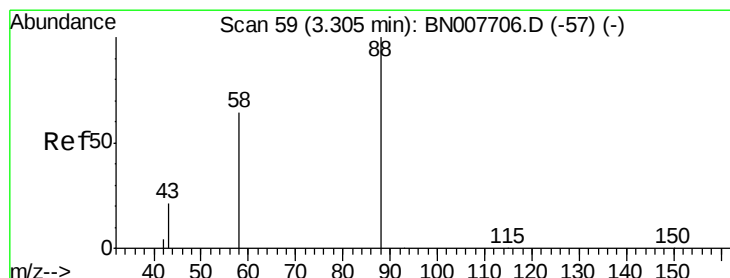
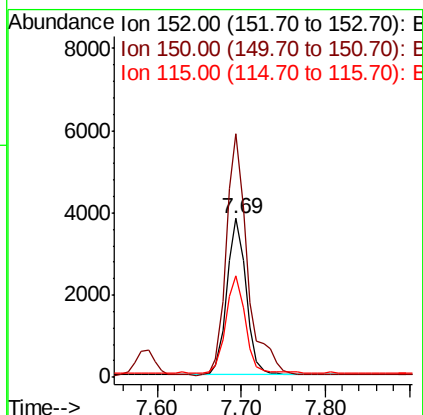
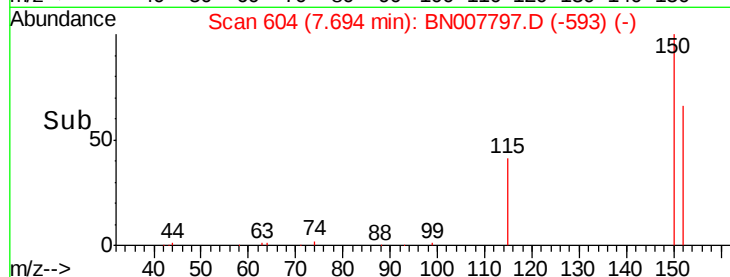
115 63.6 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.358 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

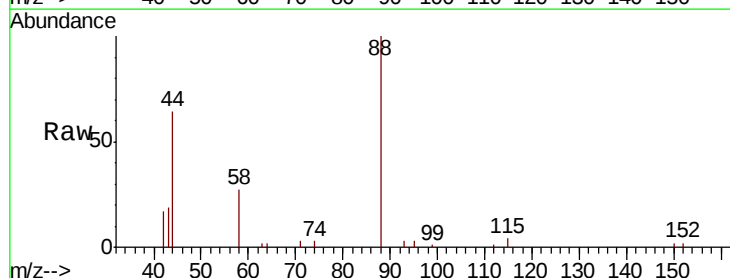
Tgt Ion: 88 Resp: 2410

Ion Ratio Lower Upper

88 100

58 71.4 44.6 66.8#

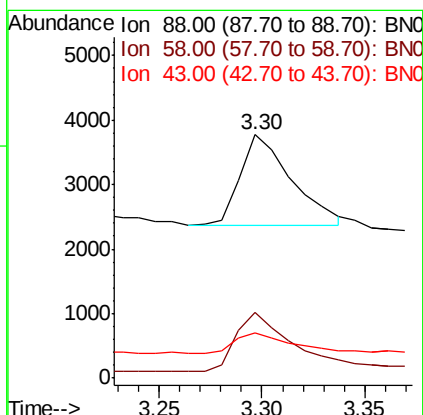
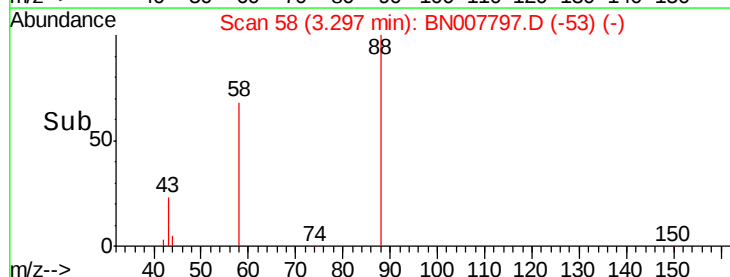
43 26.6 14.4 21.6#

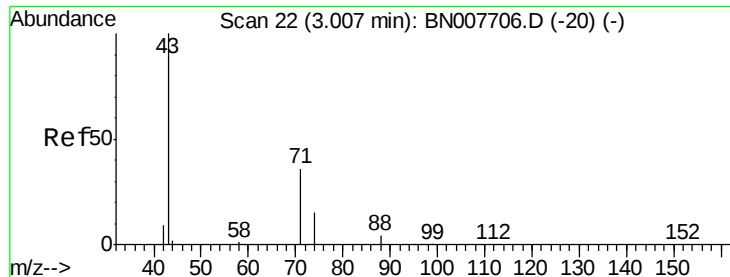


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.606 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

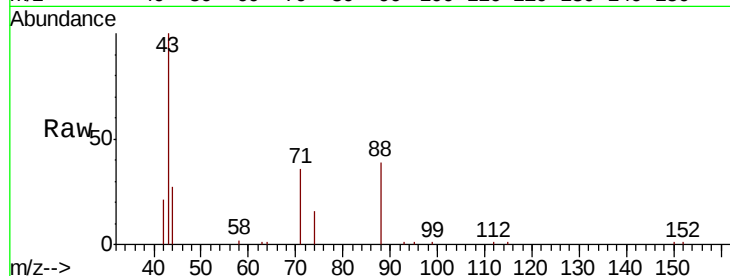
Tot Ion: 42 Resp: 1866

Ion Ratio Lower Upper

42 100

74 105.7 87.9 131.9

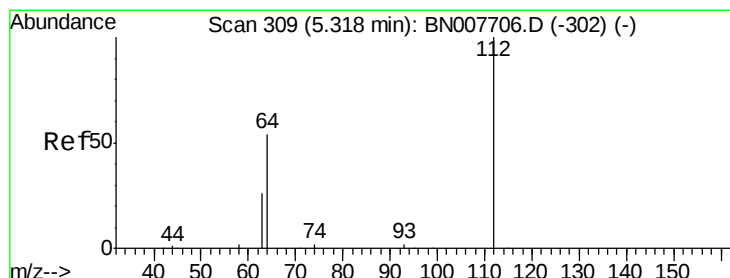
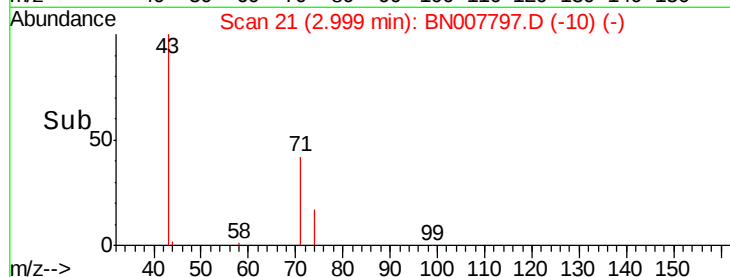
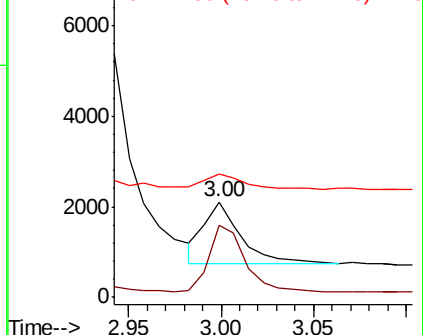
44 29.1 29.4 44.0#



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: 0.277 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

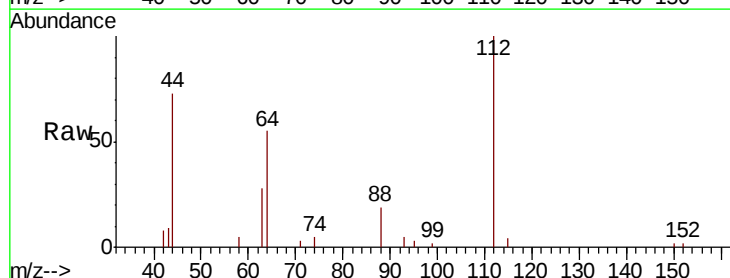
Tgt Ion: 112 Resp: 5746

Ion Ratio Lower Upper

112 100

64 59.6 46.6 70.0

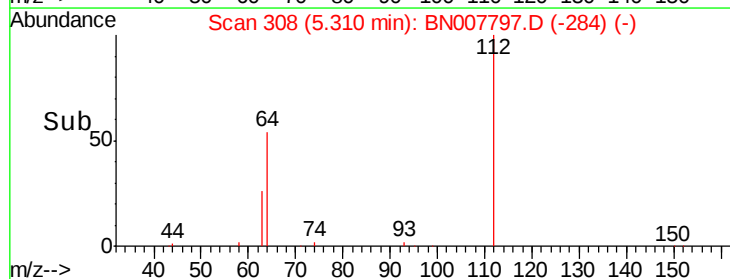
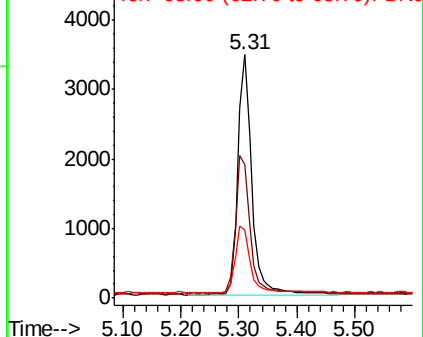
63 29.2 23.1 34.7

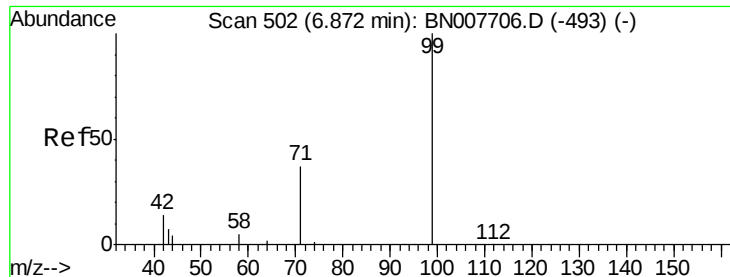


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.274 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

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SSTDCCC0.4EC

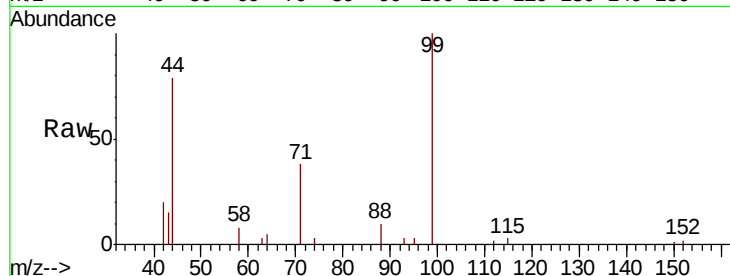
Tot Ion: 99 Resp: 7143

Ion Ratio Lower Upper

99 100

42 15.0 12.8 19.2

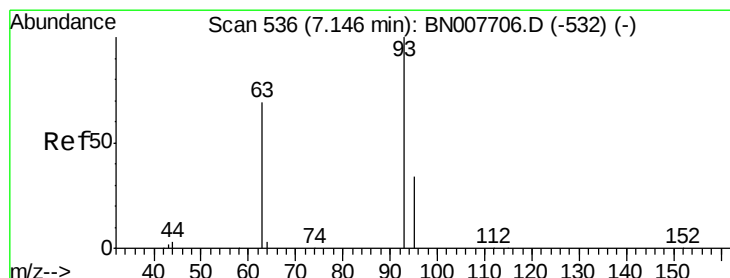
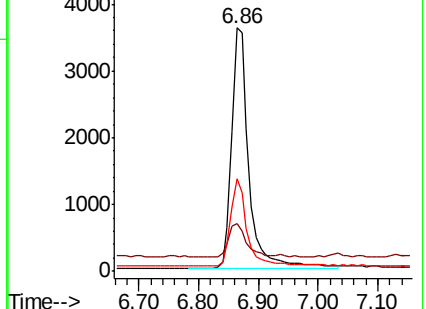
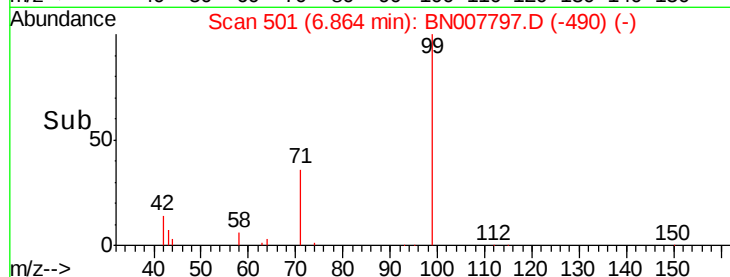
71 34.2 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.357 ng

RT: 7.14 min Scan# 535

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

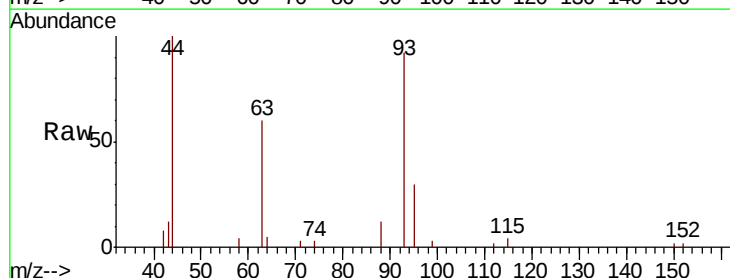
Tgt Ion: 93 Resp: 6097

Ion Ratio Lower Upper

93 100

63 74.5 59.3 88.9

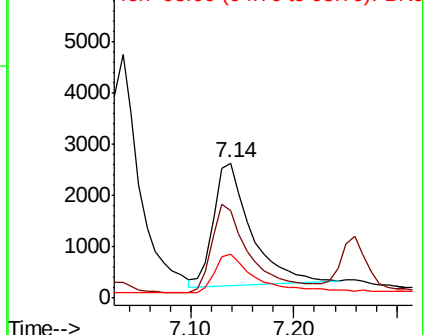
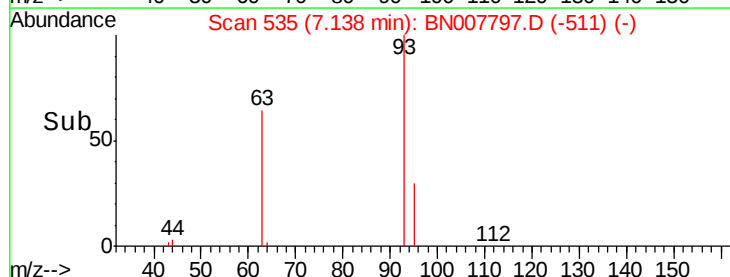
95 37.6 31.4 47.0

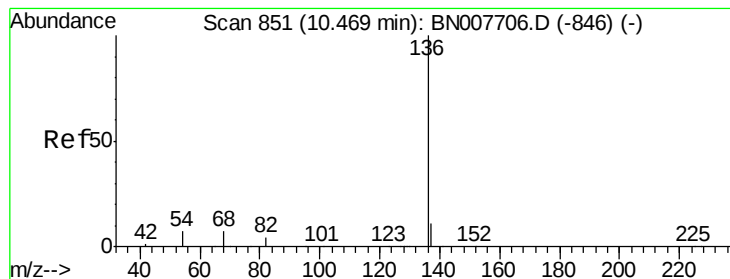


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 23125

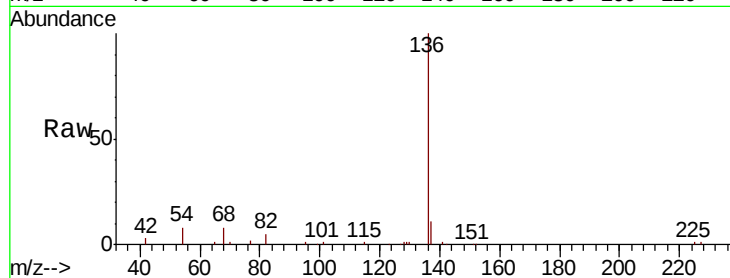
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.8 5.8 8.8

68 8.2 6.5 9.7

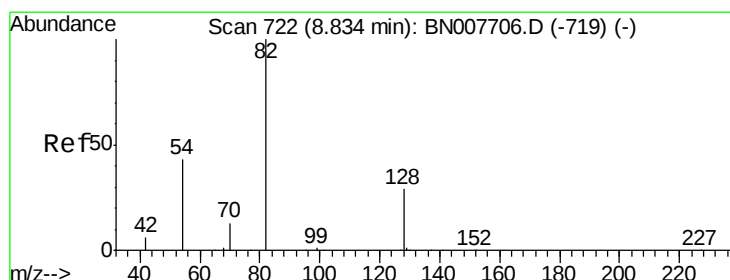
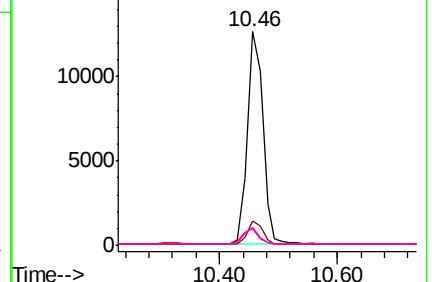
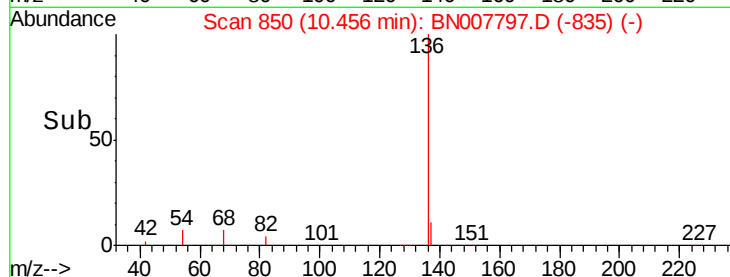


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.318 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

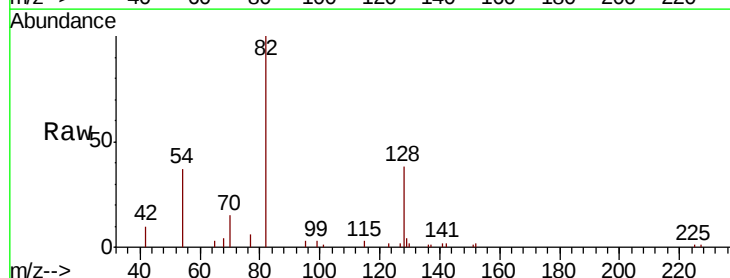
Tgt Ion: 82 Resp: 6435

Ion Ratio Lower Upper

82 100

128 38.3 24.5 36.7#

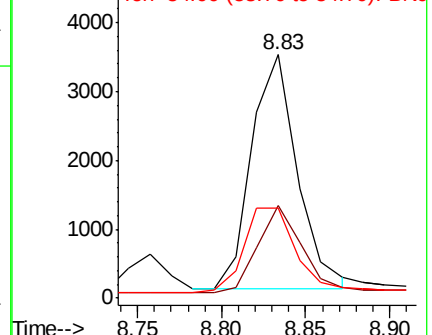
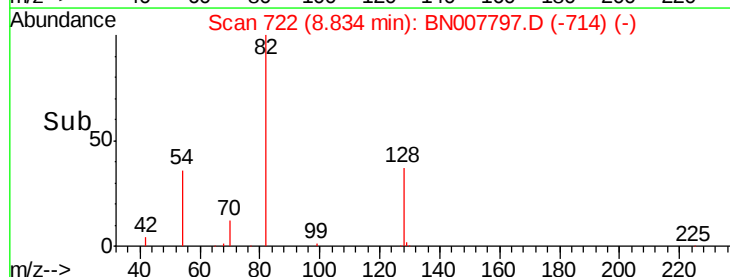
54 37.2 35.2 52.8

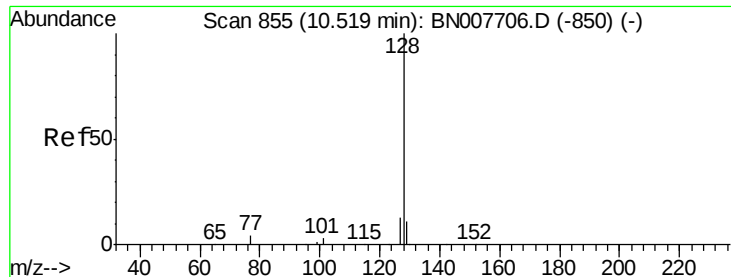


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

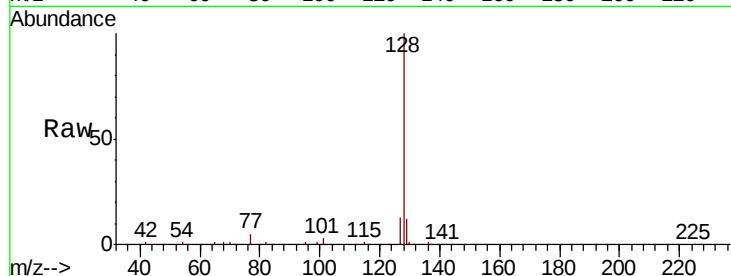
Tot Ion:128 Resp: 25831

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

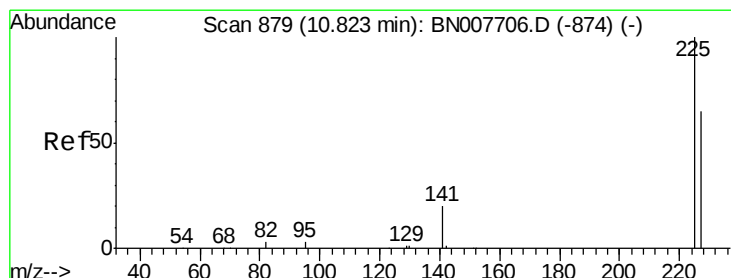
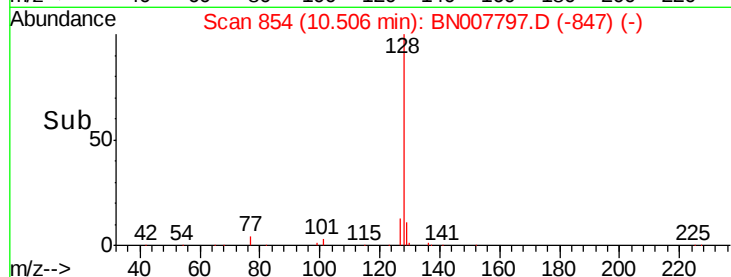
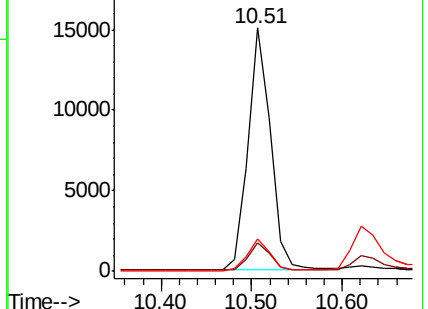
127 13.4 10.6 15.8



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: 0.391 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

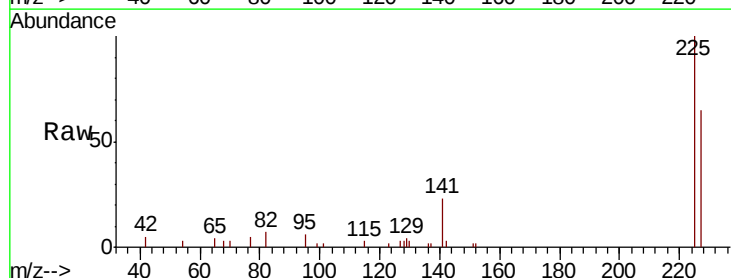
Tgt Ion:225 Resp: 5342

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

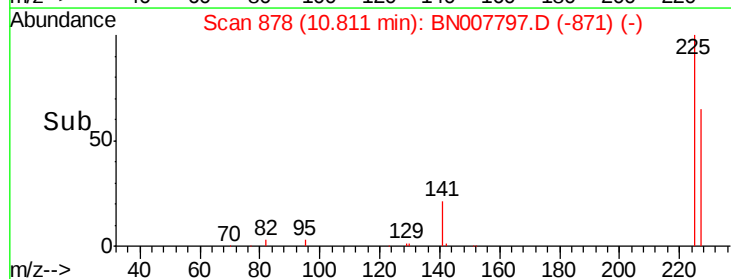
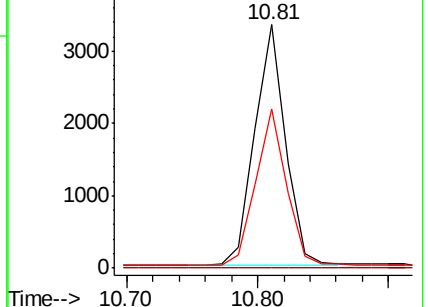
227 64.5 51.2 76.8

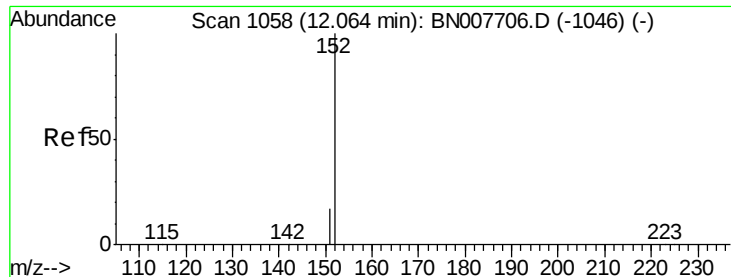


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

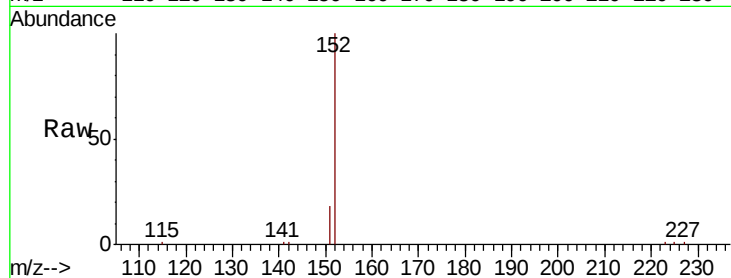
SSTDCCC0.4EC

Tot Ion:152 Resp: 15046

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

10000

8000

6000

4000

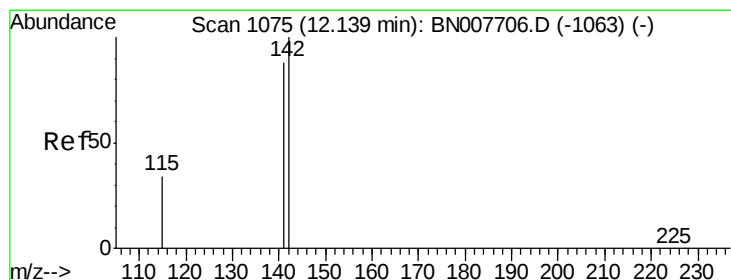
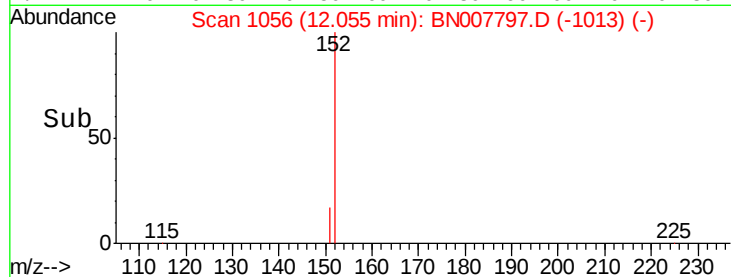
2000

0

12.05

12.00 12.10 12.20

Time-->



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 12.13 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

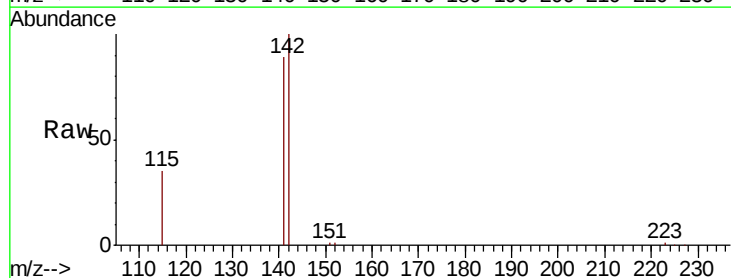
Tgt Ion:142 Resp: 17230

Ion Ratio Lower Upper

142 100

141 88.6 70.6 106.0

115 35.5 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

10000

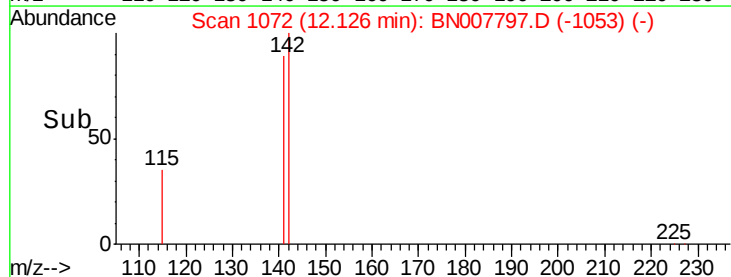
5000

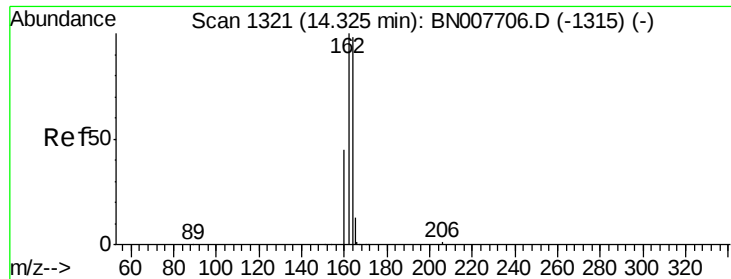
0

12.13

12.00 12.10 12.20 12.30

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

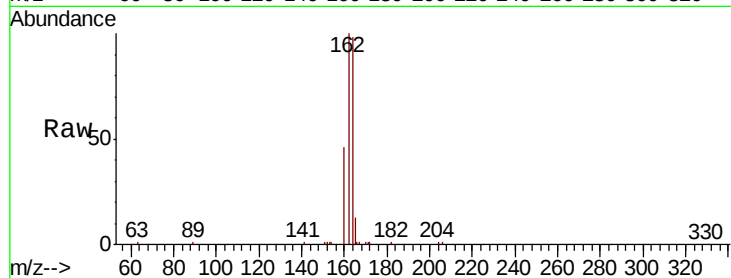
Tot Ion:164 Resp: 13527

Ion Ratio Lower Upper

164 100

162 101.8 81.7 122.5

160 47.1 37.0 55.4

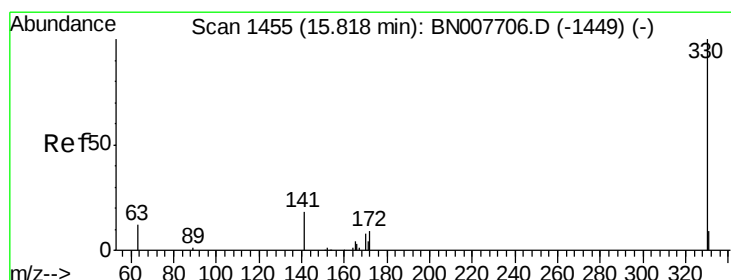
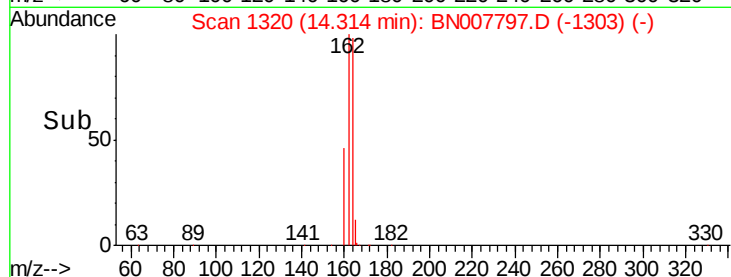
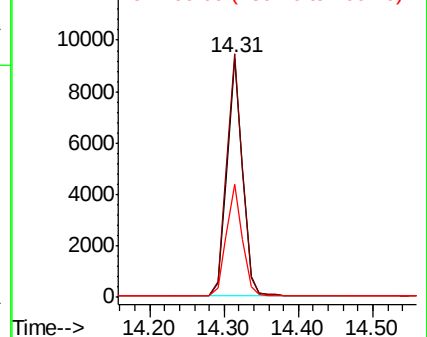


Abundance

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: 0.232 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

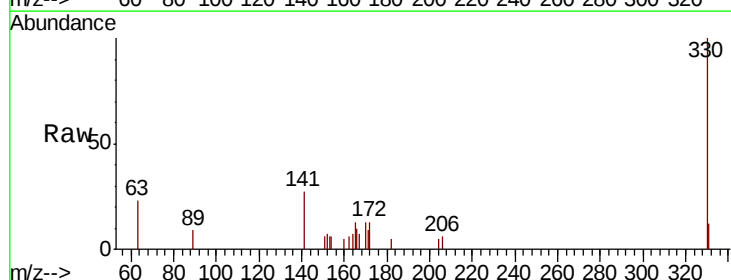
Tgt Ion:330 Resp: 1707

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.8 28.7 43.1

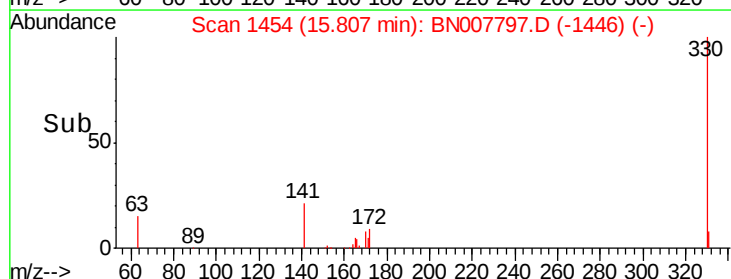
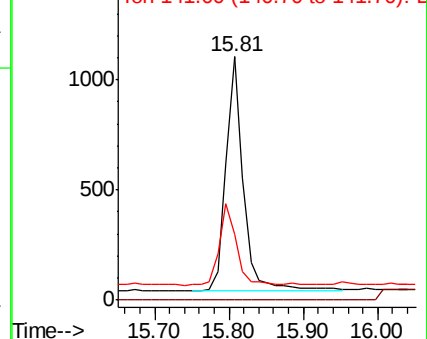


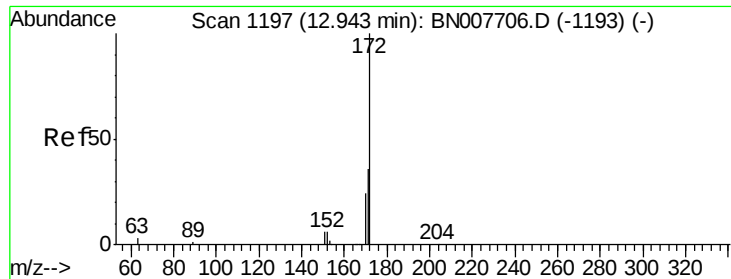
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

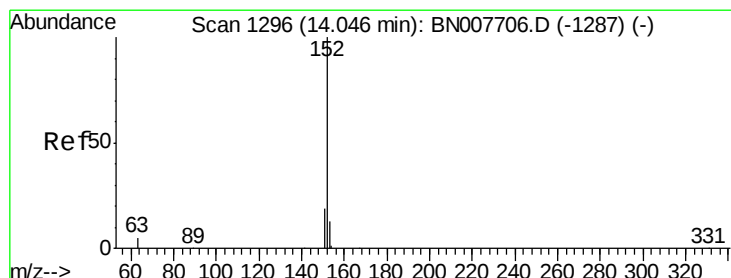
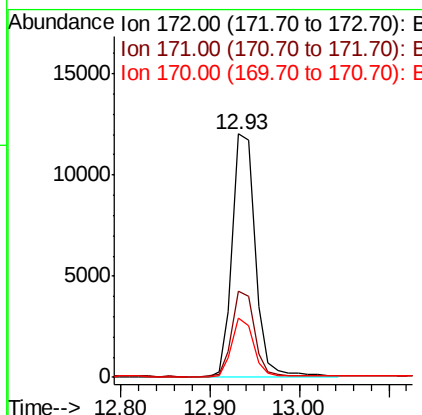
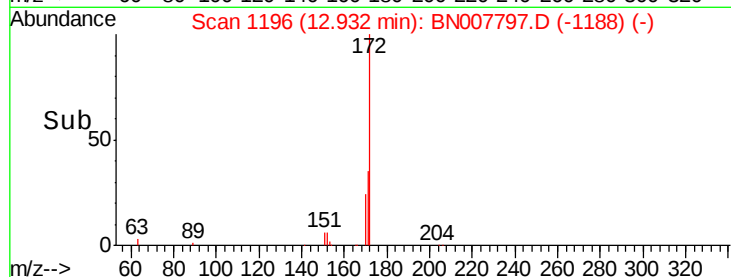
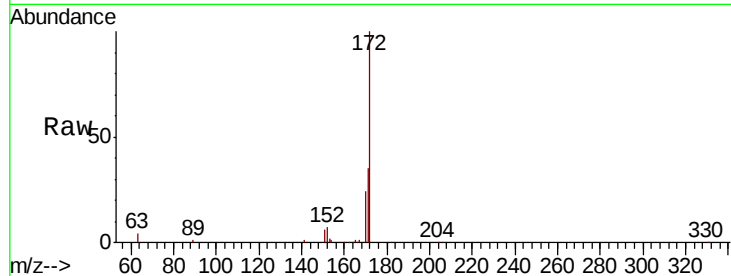




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007797.D
Acq: 21 Sep 2019 12:02

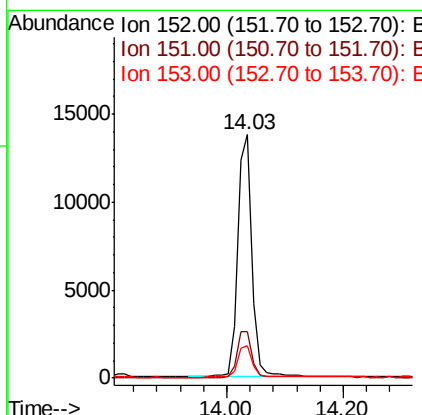
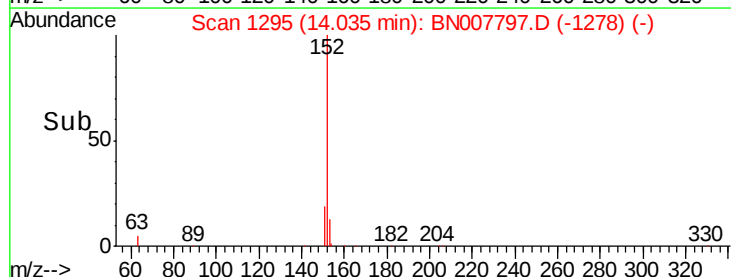
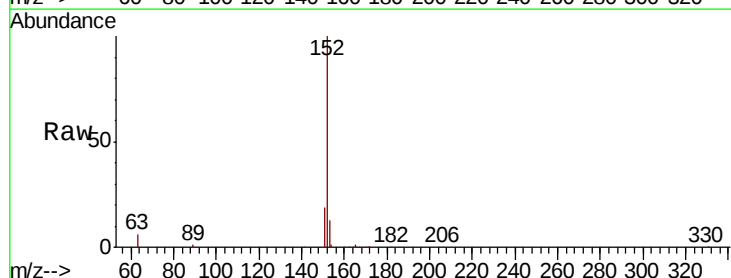
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

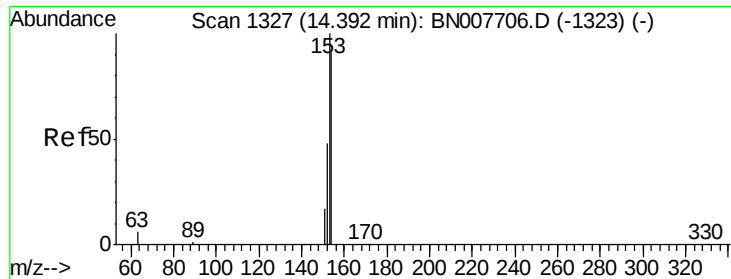
Tot Ion:172 Resp: 21501
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.1 19.5 29.3



#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007797.D
Acq: 21 Sep 2019 12:02

Tgt Ion:152 Resp: 23707
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.3 10.4 15.6





#17

Acenaphthene

Concen: 0.355 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

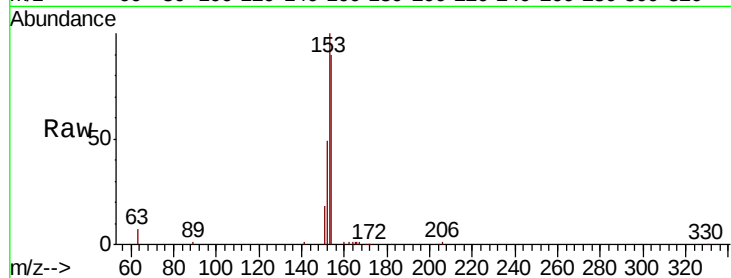
Tot Ion:154 Resp: 16404

Ion Ratio Lower Upper

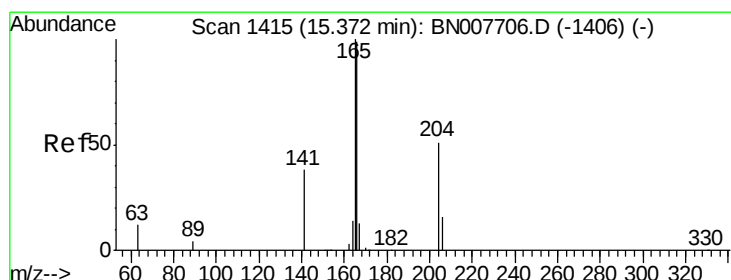
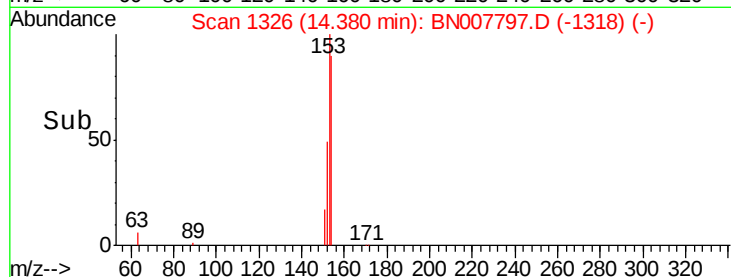
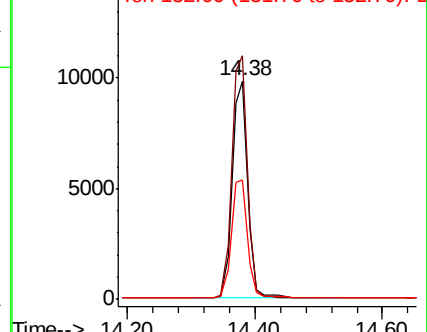
154 100

153 112.6 87.0 130.4

152 56.9 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: 0.353 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

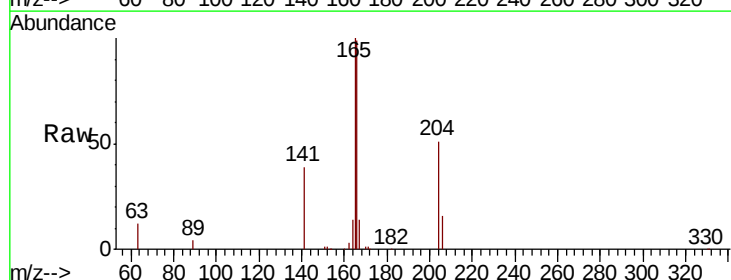
Tgt Ion:166 Resp: 20931

Ion Ratio Lower Upper

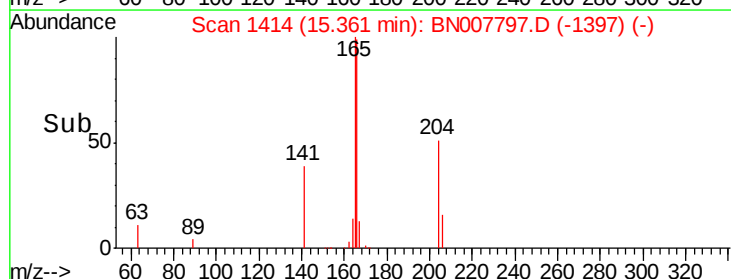
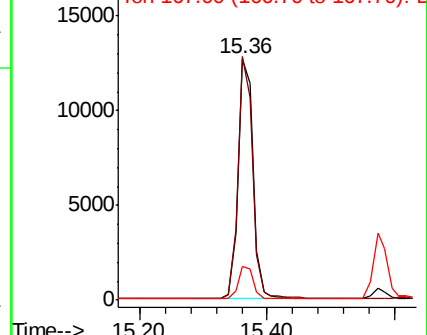
166 100

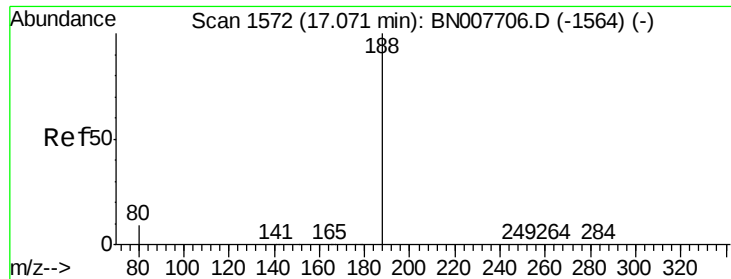
165 97.6 78.0 117.0

167 13.5 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: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

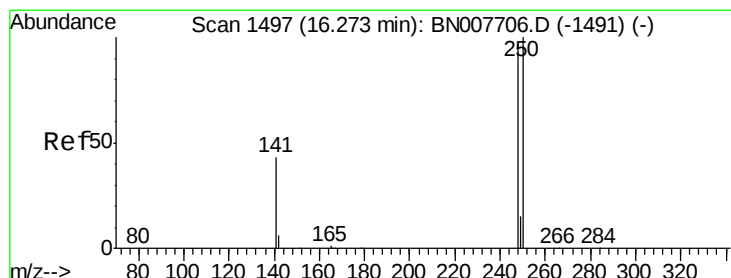
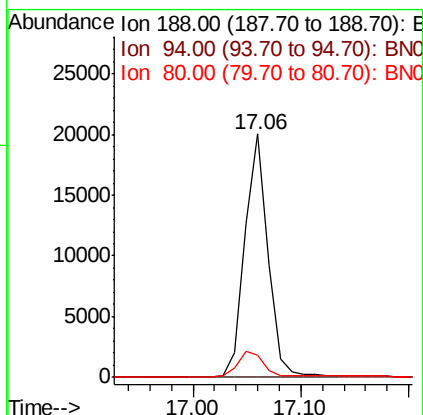
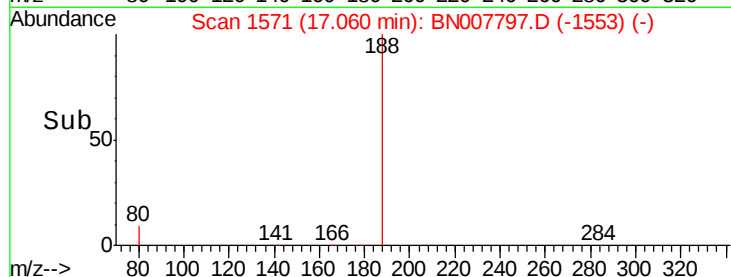
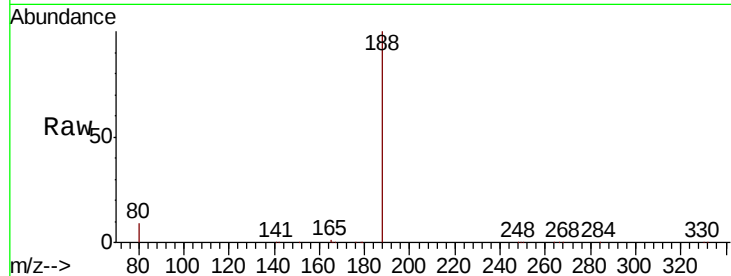
Tot Ion:188 Resp: 29517

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 0.393 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

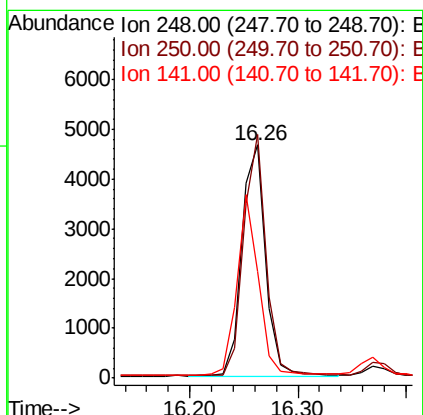
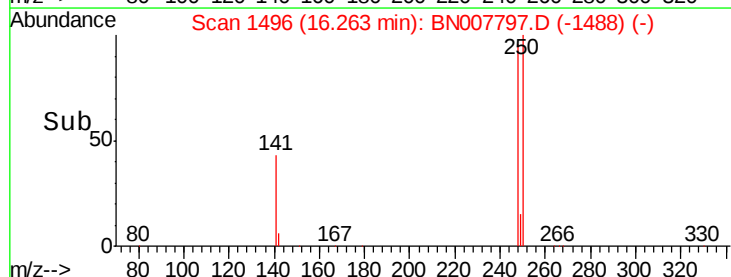
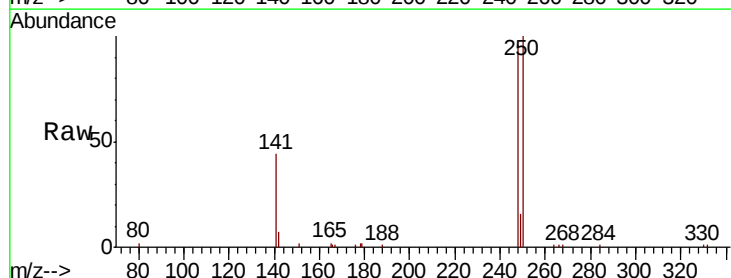
Tgt Ion:248 Resp: 7039

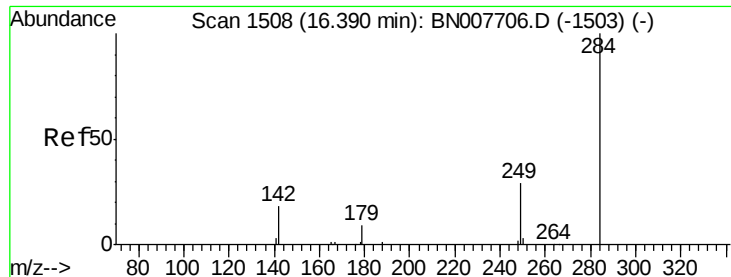
Ion Ratio Lower Upper

248 100

250 104.5 82.2 123.4

141 45.5 36.3 54.5





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

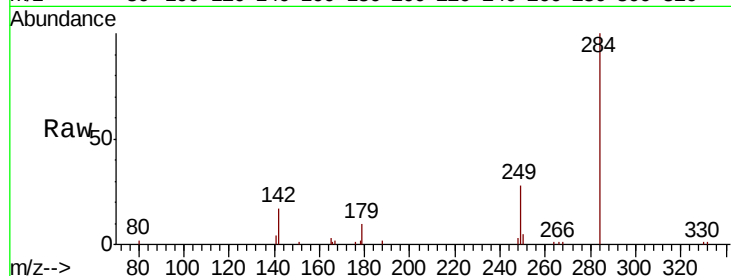
Tot Ion:284 Resp: 8048

Ion Ratio Lower Upper

284 100

142 34.1 25.8 38.6

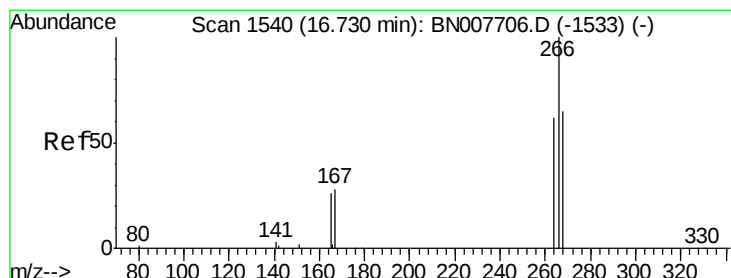
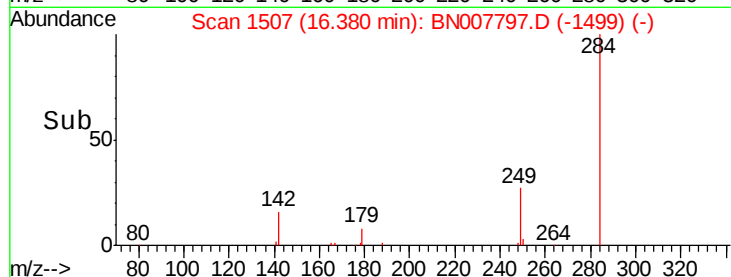
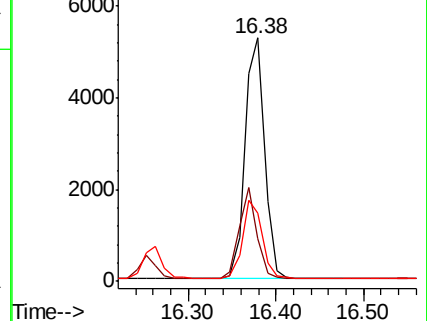
249 31.9 25.9 38.9



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: 0.227 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

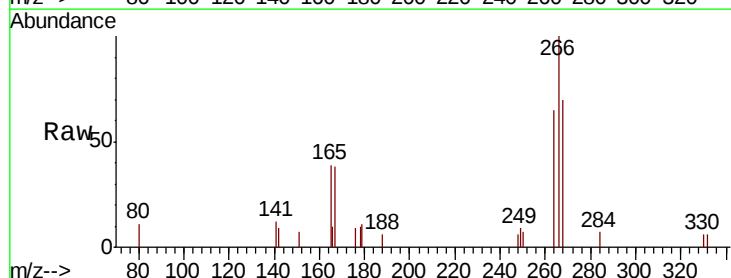
Tgt Ion:266 Resp: 1638

Ion Ratio Lower Upper

266 100

264 64.9 50.0 75.0

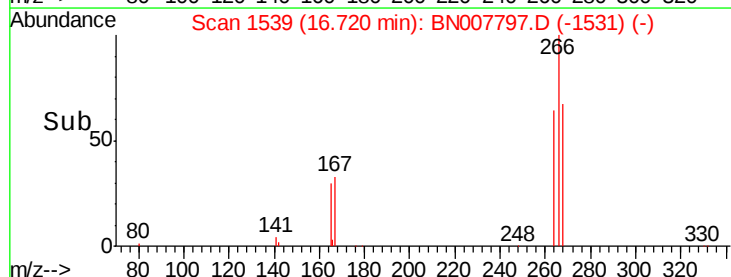
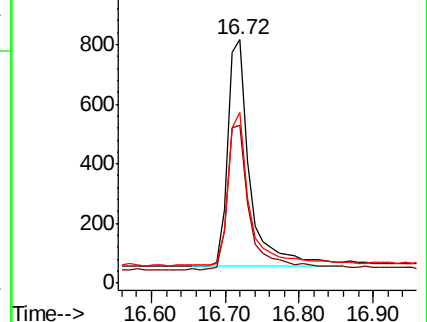
268 69.9 54.2 81.4

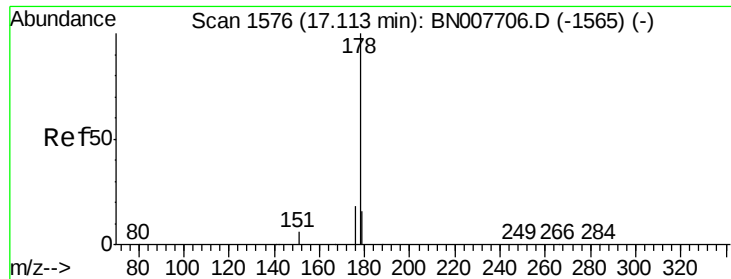


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.400 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

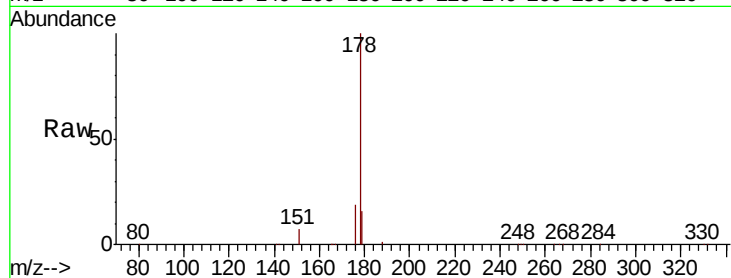
Tot Ion:178 Resp: 36767

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

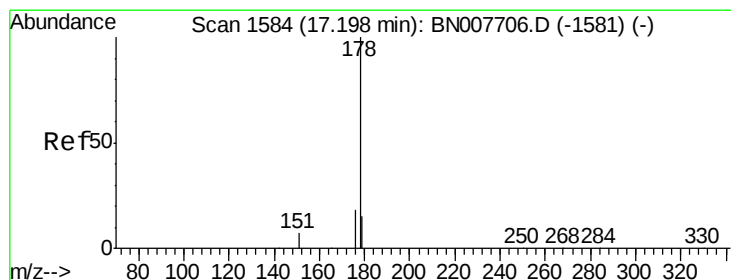
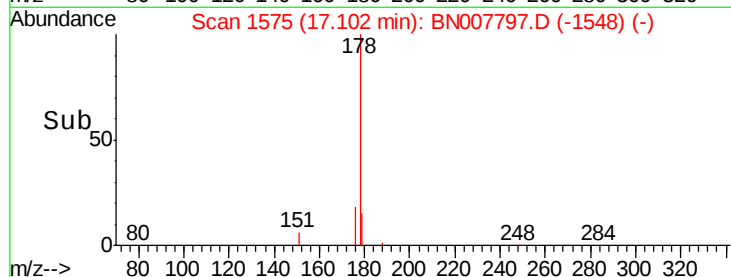
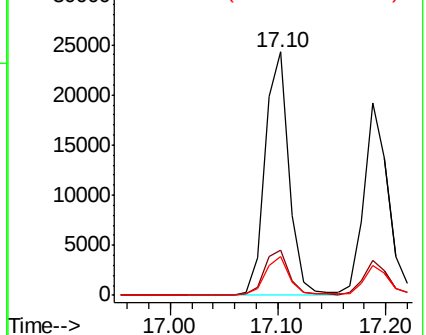
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.360 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

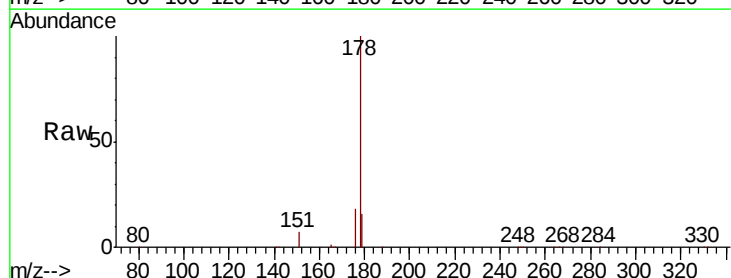
Tgt Ion:178 Resp: 29886

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

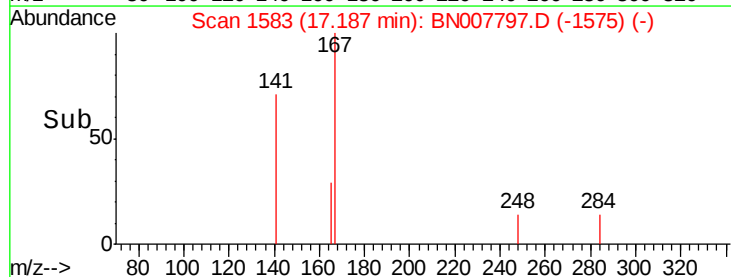
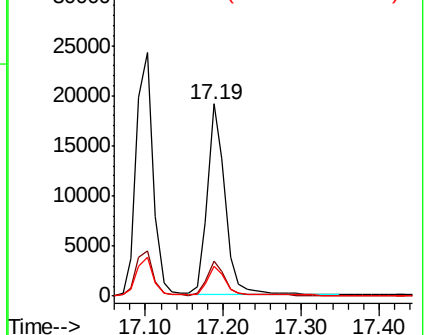
179 15.5 12.2 18.4

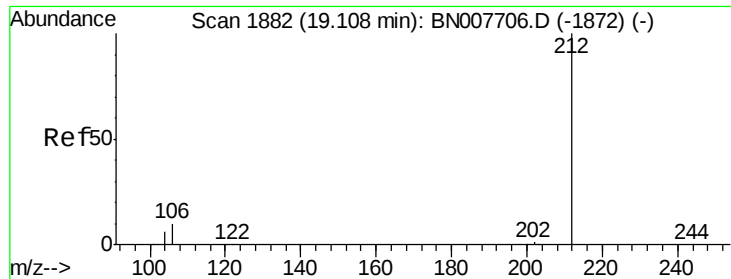


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

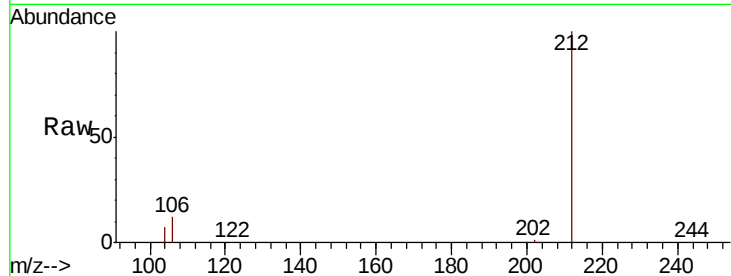
Tot Ion:212 Resp: 37069

Ion Ratio Lower Upper

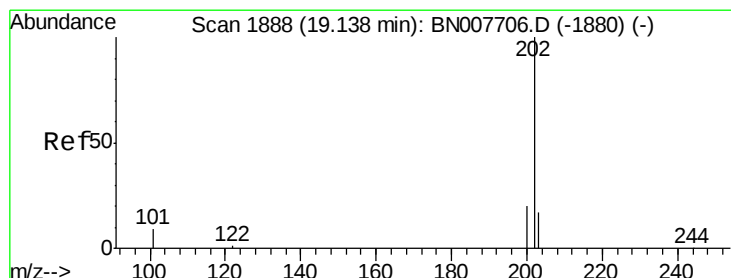
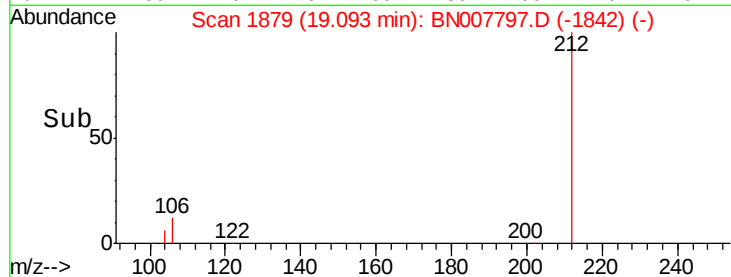
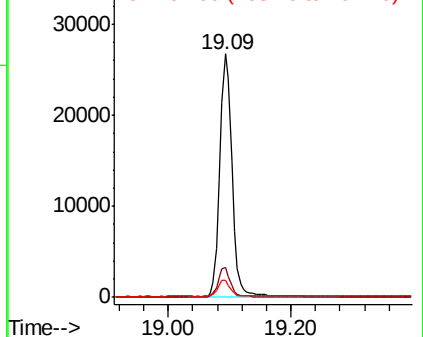
212 100

106 11.9 9.4 14.0

104 6.8 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: 19.12 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

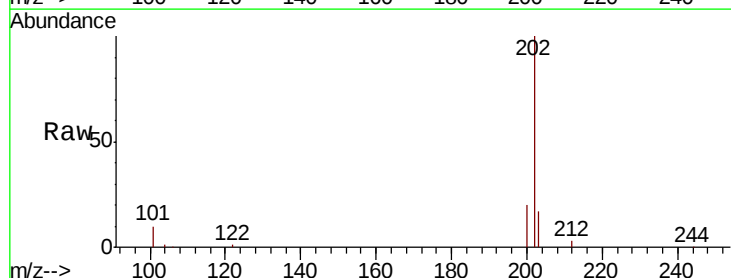
Tgt Ion:202 Resp: 43593

Ion Ratio Lower Upper

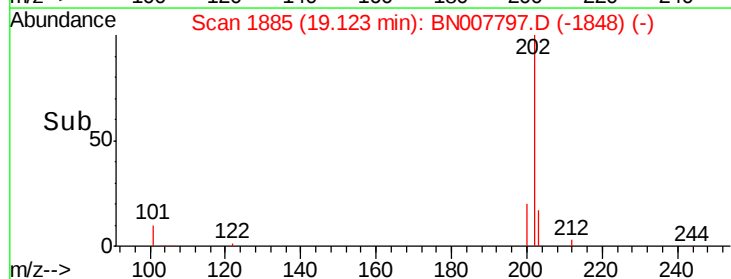
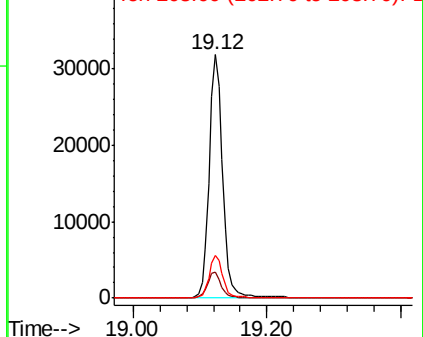
202 100

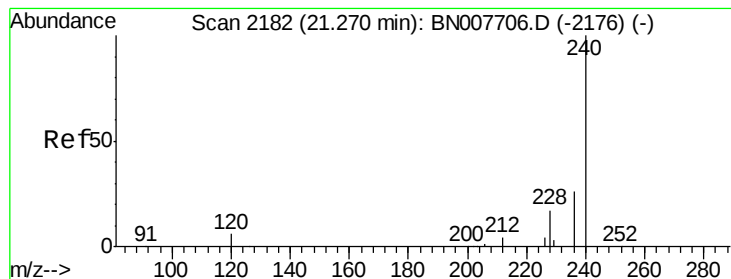
101 10.7 8.4 12.6

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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

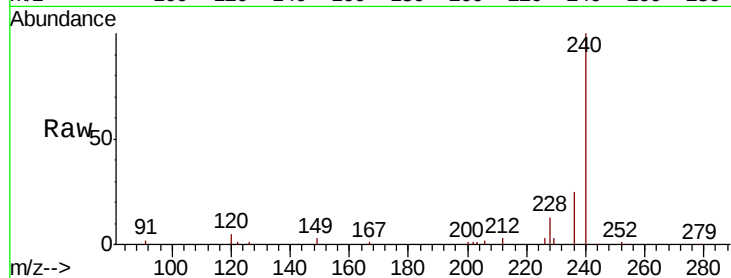
Tot Ion:240 Resp: 33203

Ion Ratio Lower Upper

240 100

120 5.2 5.4 8.2#

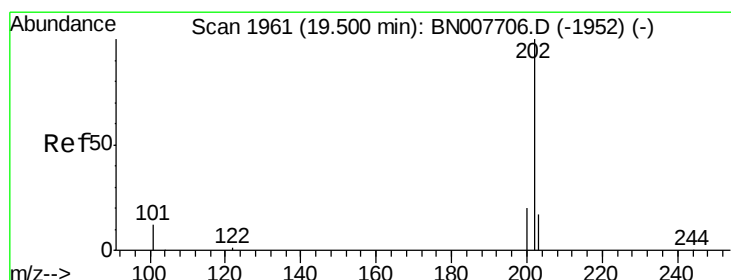
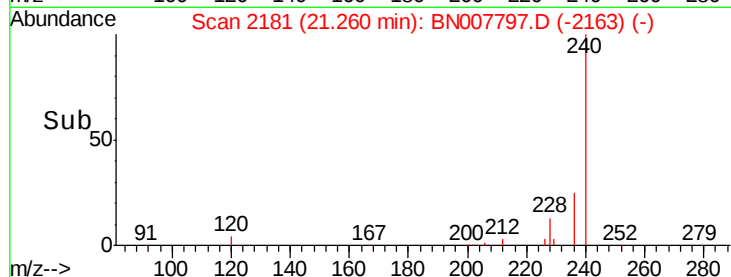
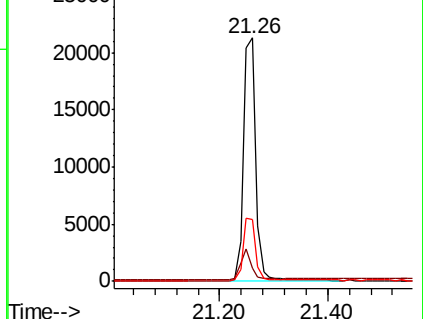
236 25.4 21.0 31.4



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: 0.386 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

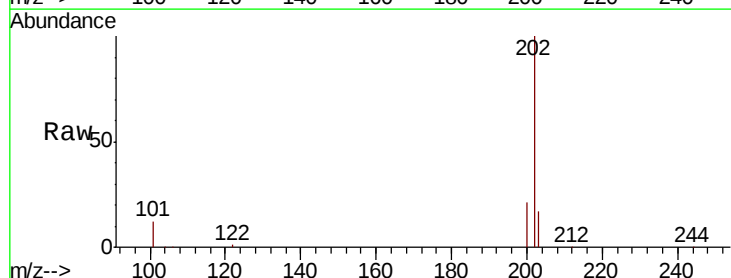
Tgt Ion:202 Resp: 43706

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

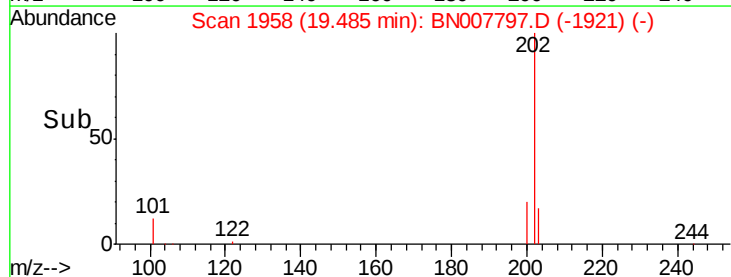
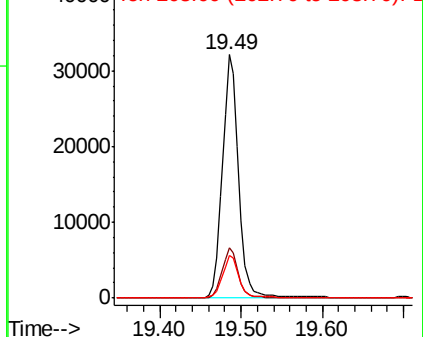
203 17.5 14.1 21.1

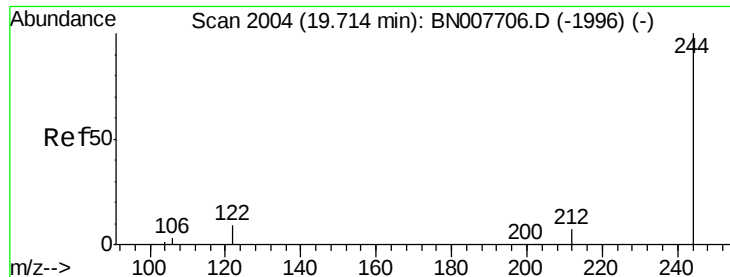


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

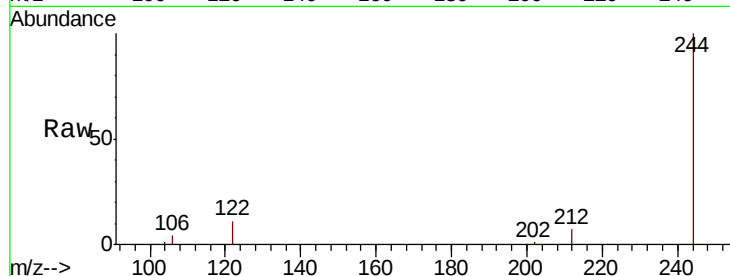
Tot Ion:244 Resp: 31659

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

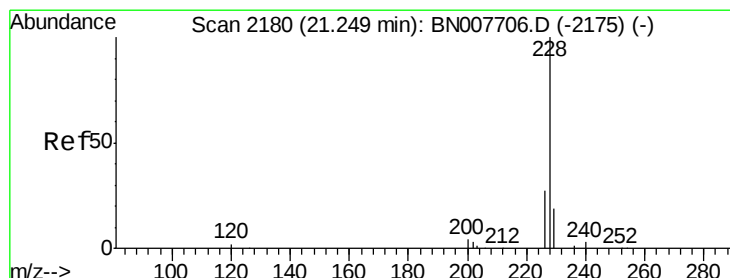
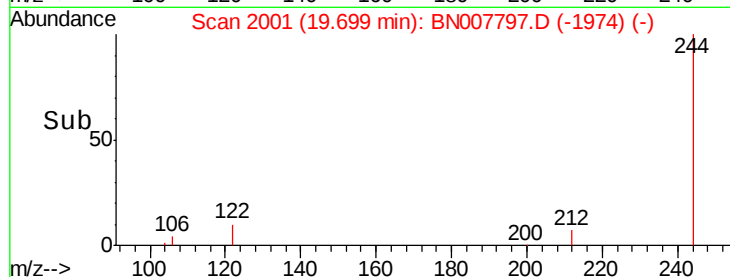
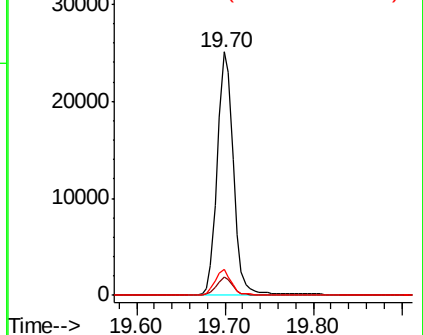
122 10.6 7.4 11.2



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: 0.339 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

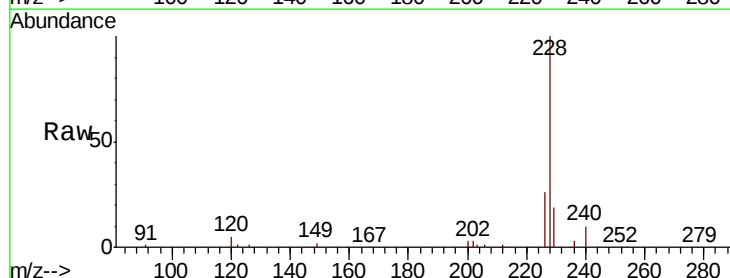
Tgt Ion:228 Resp: 41404

Ion Ratio Lower Upper

228 100

226 26.5 22.1 33.1

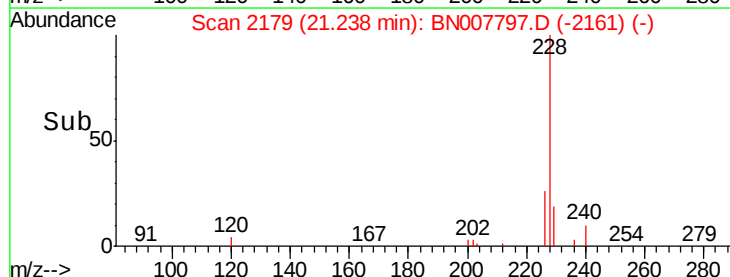
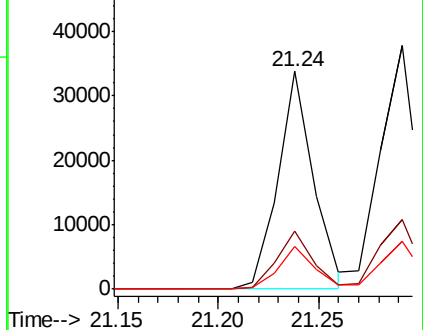
229 19.4 15.8 23.6

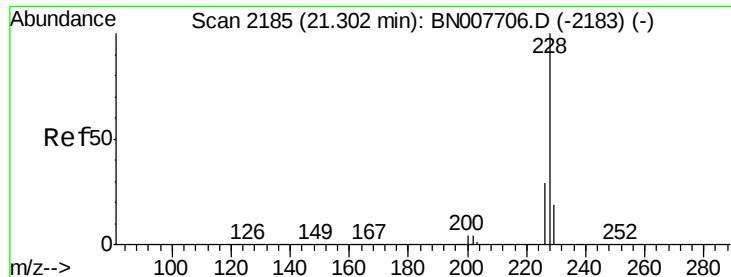


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

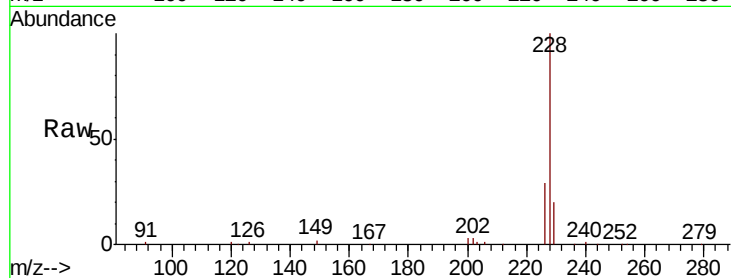
Tot Ion:228 Resp: 48766

Ion Ratio Lower Upper

228 100

226 28.7 23.9 35.9

229 19.8 15.8 23.6

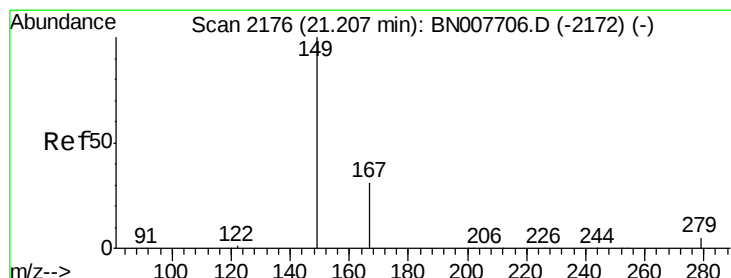
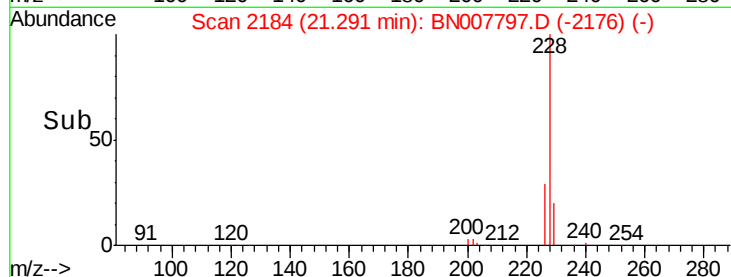
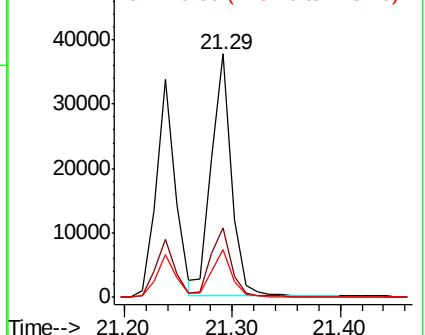


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.194 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

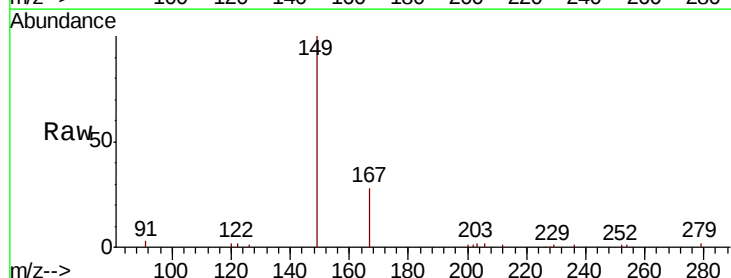
Tgt Ion:149 Resp: 12178

Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

279 5.0 4.2 6.2

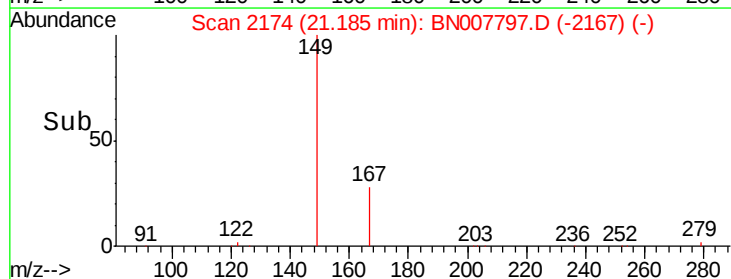
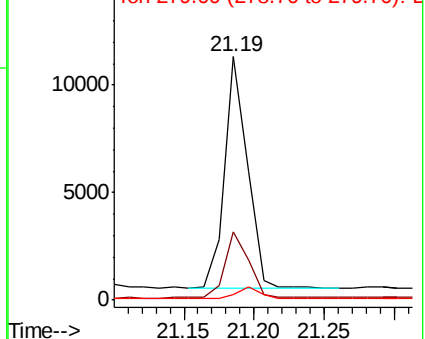


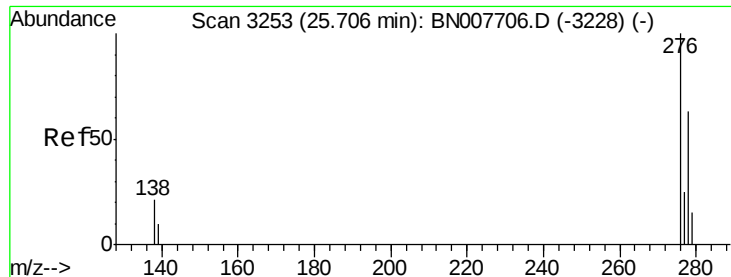
Abundance

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

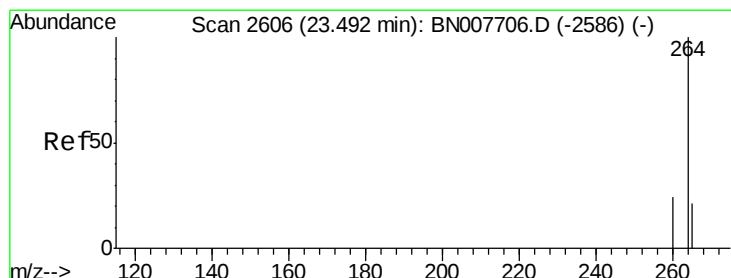
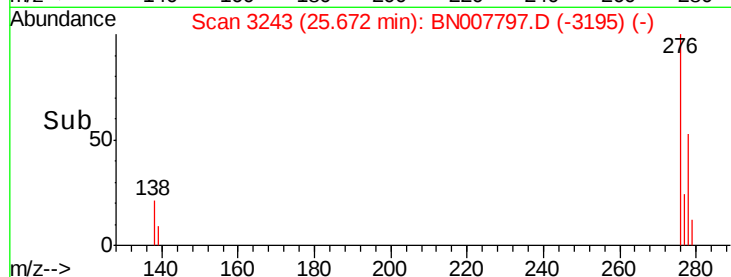
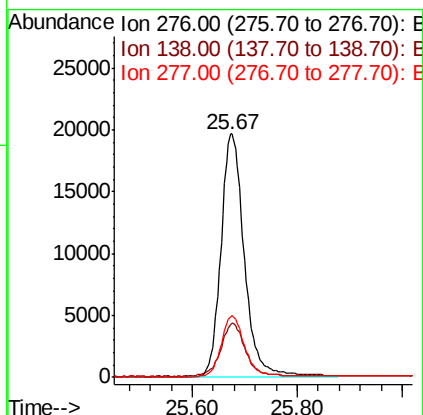
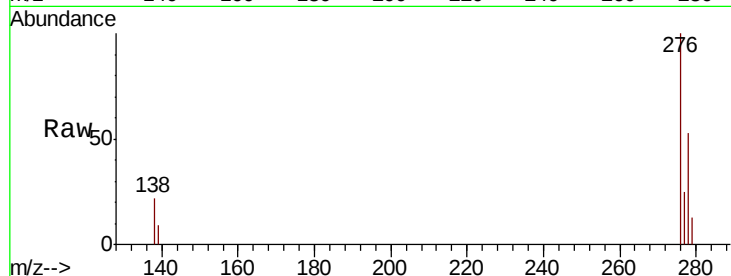




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.406 ng
 RT: 25.67 min Scan# 3243
 Delta R.T. -0.03 min
 Lab File: BN007797.D
 Acq: 21 Sep 2019 12:02

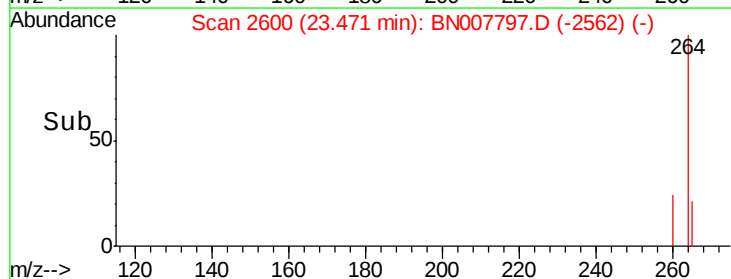
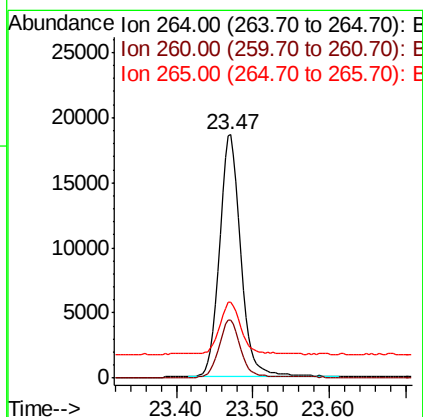
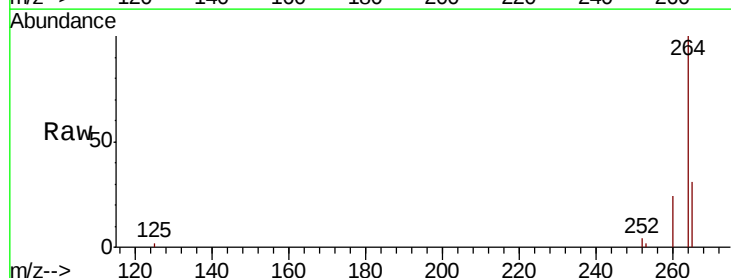
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

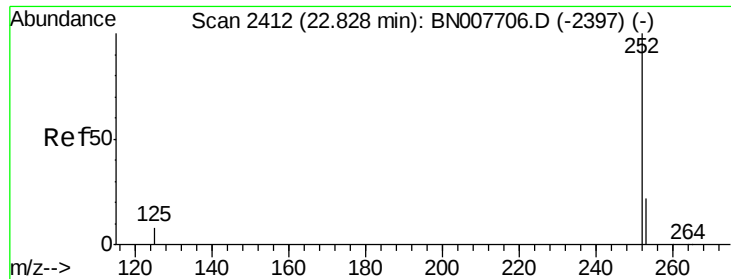
Tot Ion:276 Resp: 60647
 Ion Ratio Lower Upper
 276 100
 138 23.4 17.1 25.7
 277 24.9 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BN007797.D
 Acq: 21 Sep 2019 12:02

Tgt Ion:264 Resp: 36917
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 31.1 26.9 40.3





#35

Benzo(b)fluoranthene

Concen: 0.369 ng

RT: 22.81 min Scan# 2407

Delta R.T. -0.02 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

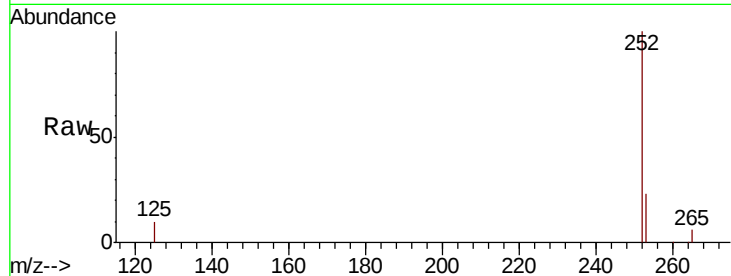
Tot Ion:252 Resp: 47301

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

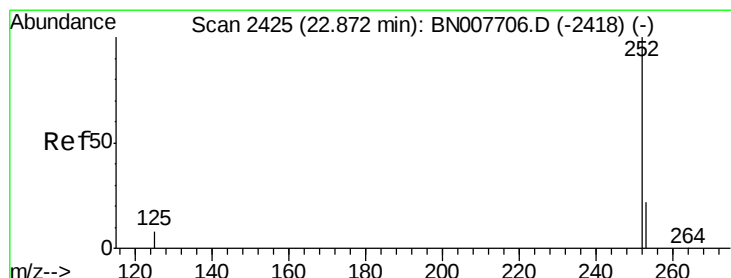
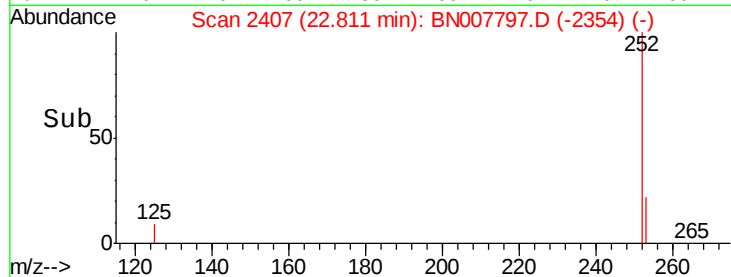
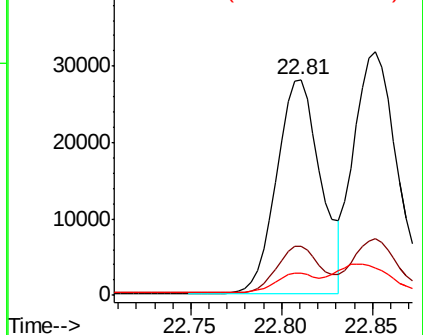
125 10.2 8.2 12.4



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: 0.428 ng

RT: 22.85 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BN007797.D

Acq: 21 Sep 2019 12:02

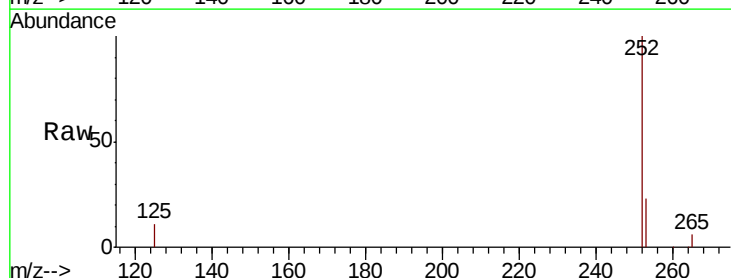
Tgt Ion:252 Resp: 54275

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

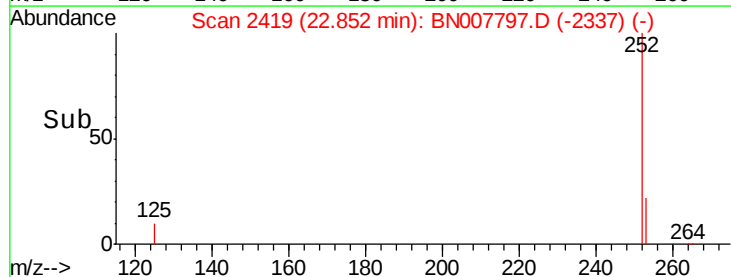
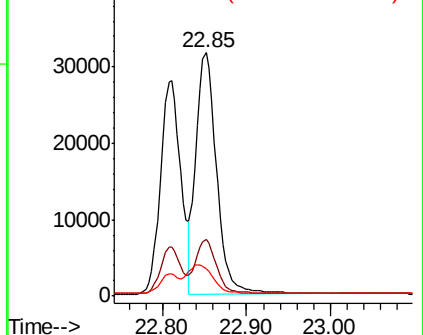
125 11.2 8.4 12.6

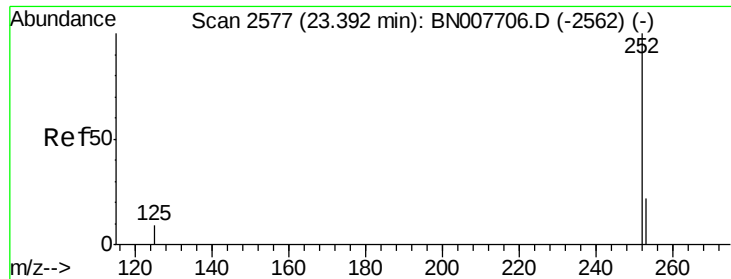


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

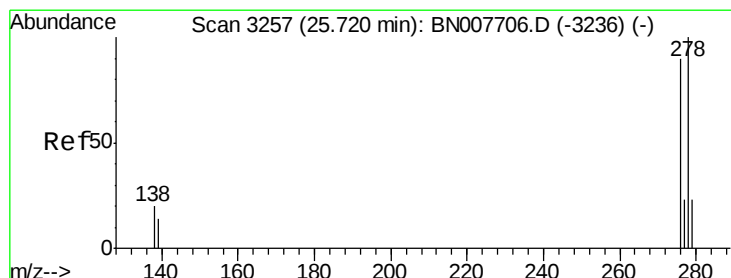
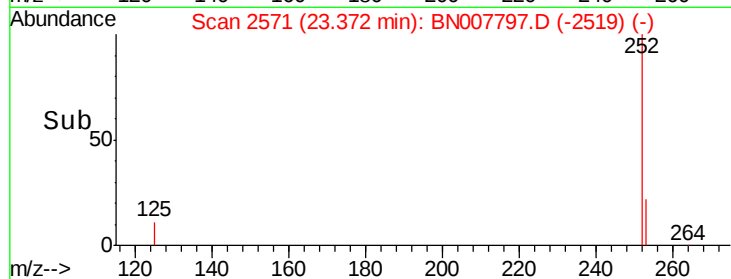
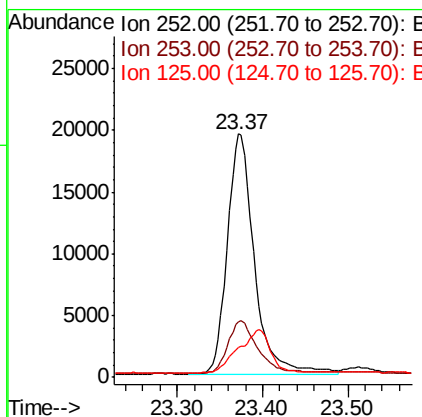
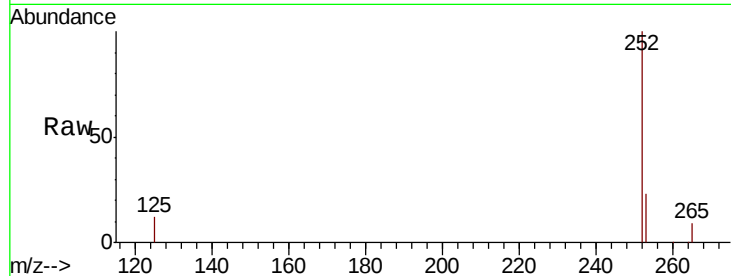




#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.37 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BN007797.D
Acq: 21 Sep 2019 12:02

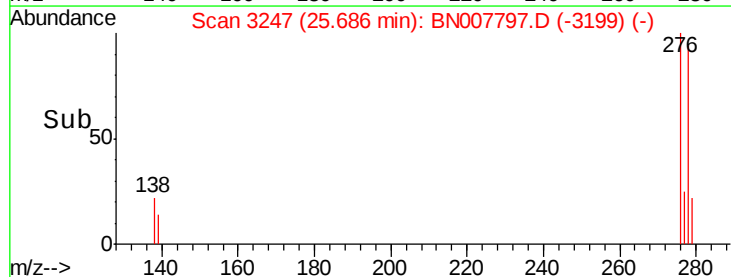
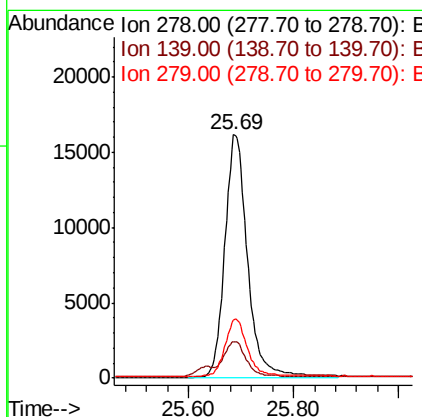
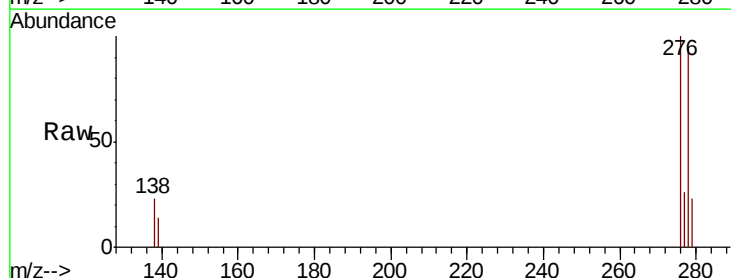
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

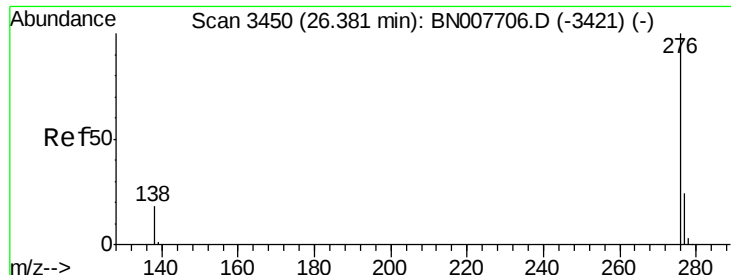
Tot Ion:252 Resp: 42697
Ion Ratio Lower Upper
252 100
253 23.0 18.6 27.8
125 12.4 9.4 14.0



#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.03 min
Lab File: BN007797.D
Acq: 21 Sep 2019 12:02

Tgt Ion:278 Resp: 48465
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.6
279 24.0 19.4 29.2





#39

Benzo(a,h,i)perylene

Concen: 0.371 ng

RT: 26.34 min Scan# 3439

Delta R.T. -0.04 min

Lab File: BN007797.D

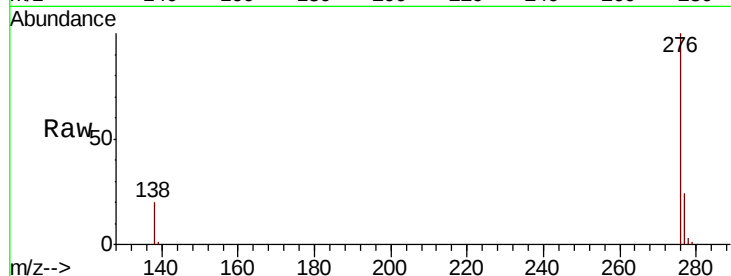
Acq: 21 Sep 2019 12:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 45278

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 20.0 15.1 22.7

