

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
 Data File : BN007907.D
 Acq On : 30 Sep 2019 21:24
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 30 23:26:02 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	7627	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	30079	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	16702	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	32007	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	36127	0.40	ng	-0.01
34) Perylene-d12	23.47	264	40044	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	9618	0.37	ng	0.00
5) Phenol-d6	6.87	99	12778	0.39	ng	0.00
8) Nitrobenzene-d5	8.83	82	11219	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	20744	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	2991	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	28470	0.41	ng	-0.01
25) Fluoranthene-d10	19.09	212	45383	0.42	ng	-0.01
29) Terphenyl-d14	19.70	244	40119	0.45	ng	-0.01

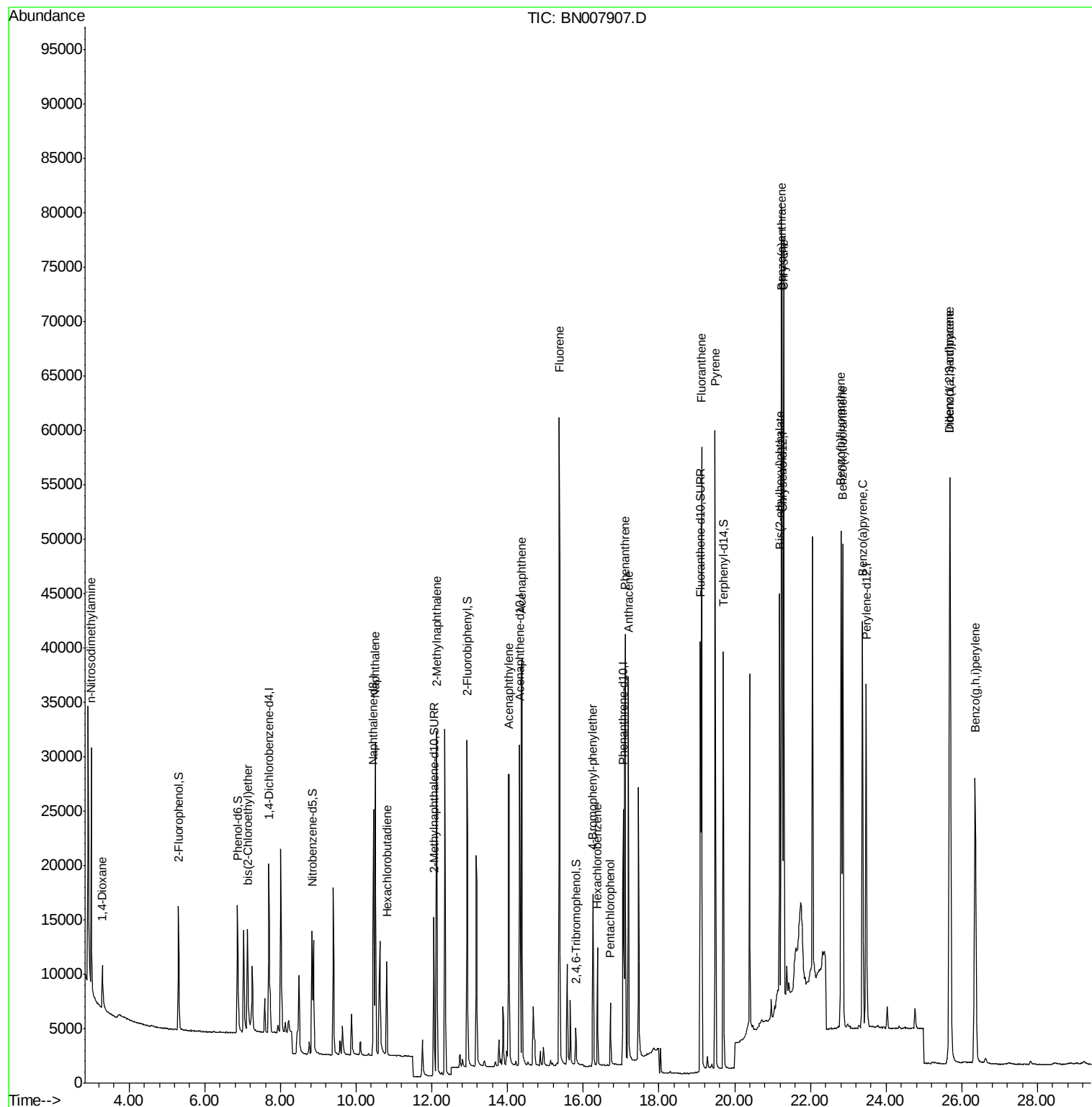
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	3499	0.412	ng	88
3) n-Nitrosodimethylamine	3.00	42	2105	0.541	ng	# 89
6) bis(2-Chloroethyl)ether	7.13	93	10561	0.489	ng	89
9) Naphthalene	10.51	128	35985	0.426	ng	100
10) Hexachlorobutadiene	10.81	225	7741	0.435	ng	# 99
12) 2-Methylnaphthalene	12.13	142	23424	0.411	ng	99
16) Acenaphthylene	14.04	152	36315	0.410	ng	100
17) Acenaphthene	14.38	154	21963	0.385	ng	97
18) Fluorene	15.36	166	27607	0.377	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	8643	0.445	ng	# 75
21) Hexachlorobenzene	16.38	284	9746	0.459	ng	98
22) Pentachlorophenol	16.72	266	3402	0.434	ng	99
23) Phenanthrene	17.10	178	42054	0.422	ng	100
24) Anthracene	17.19	178	39000	0.433	ng	99
26) Fluoranthene	19.12	202	52055	0.420	ng	100
28) Pyrene	19.49	202	54415	0.442	ng	100
30) Benzo(a)anthracene	21.24	228	57209	0.430	ng	100
31) Chrysene	21.29	228	53660	0.414	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	33852	0.495	ng	95
33) Indeno(1,2,3-cd)pyrene	25.68	276	65050	0.401	ng	99
35) Benzo(b)fluoranthene	22.81	252	56281	0.405	ng	98
36) Benzo(k)fluoranthene	22.86	252	56924	0.414	ng	99
37) Benzo(a)pyrene	23.38	252	53425	0.409	ng	97
38) Dibenzo(a,h)anthracene	25.69	278	52604	0.394	ng	98
39) Benzo(g,h,i)perylene	26.35	276	53294	0.403	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

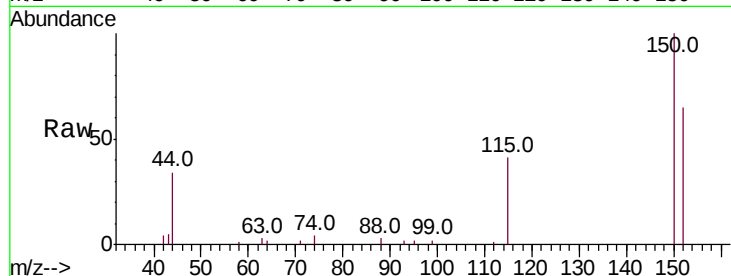
Tot Ion:152 Resp: 7627

Ion Ratio Lower Upper

152 100

150 153.8 125.6 188.4

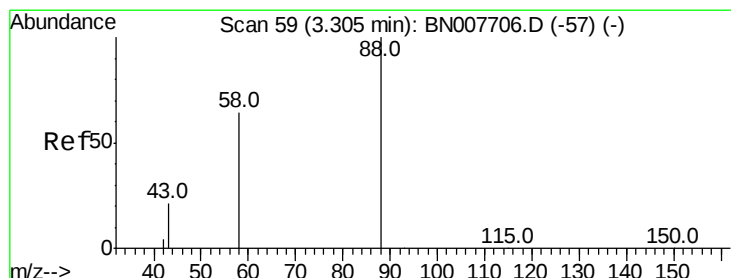
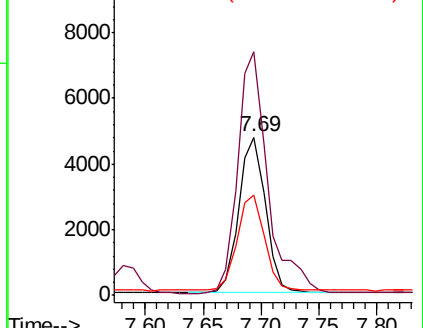
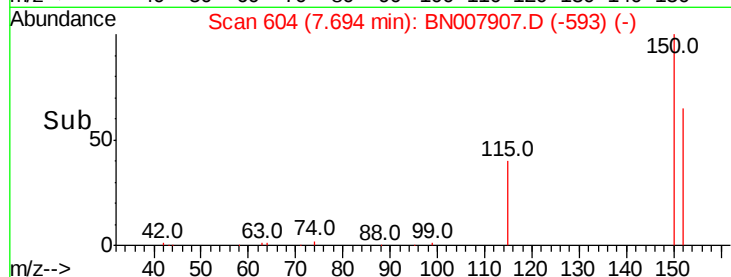
115 63.3 53.3 79.9



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: 0.412 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

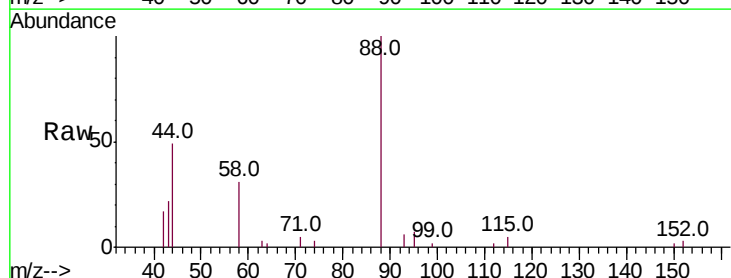
Tgt Ion: 88 Resp: 3499

Ion Ratio Lower Upper

88 100

58 65.6 44.6 66.8

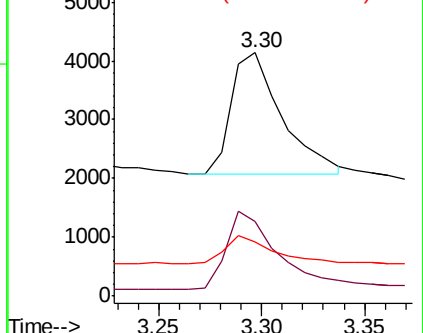
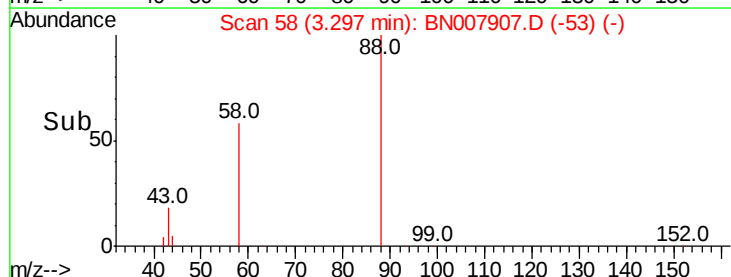
43 21.5 14.4 21.6



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



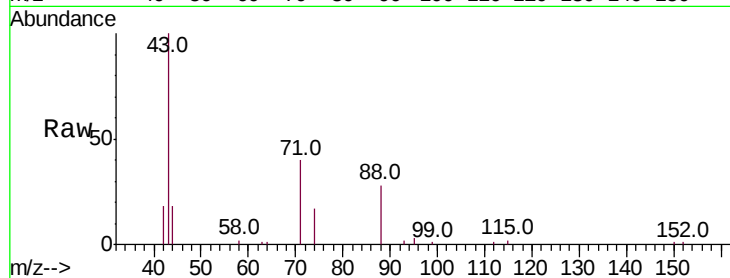


#3

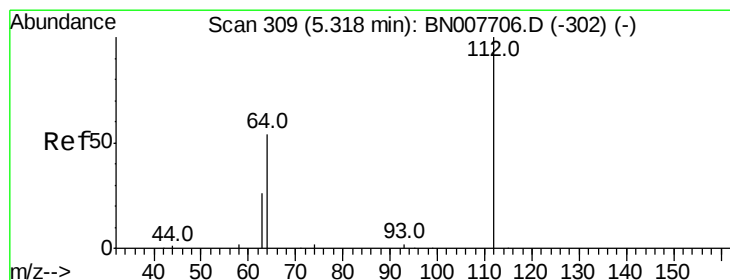
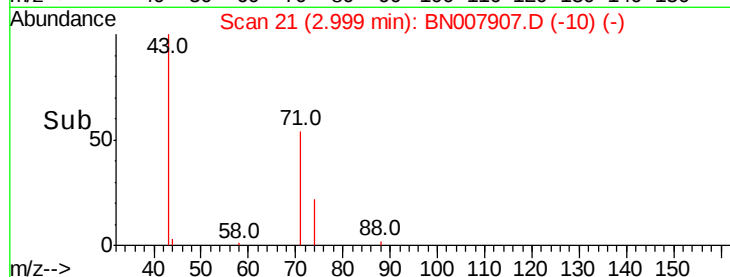
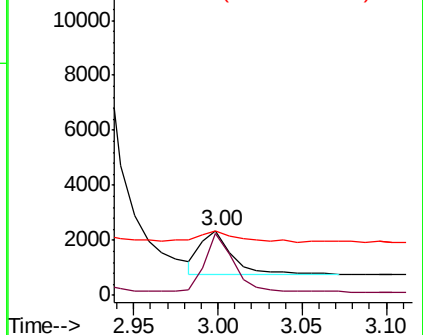
n-Nitrosodimethylamine
Concen: 0.541 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion: 42 Resp: 2105
Ion Ratio Lower Upper
42 100
74 119.4 87.9 131.9
44 27.4 29.4 44.0#



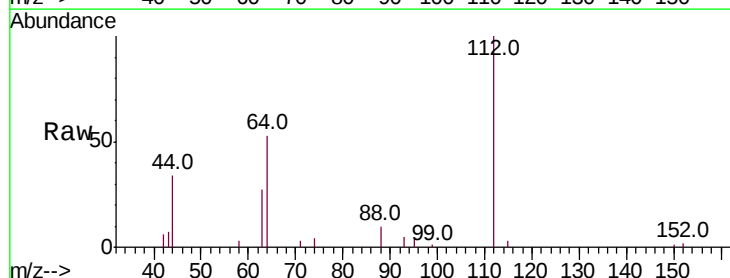
Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



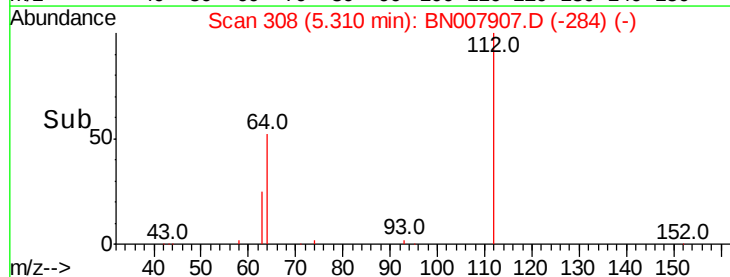
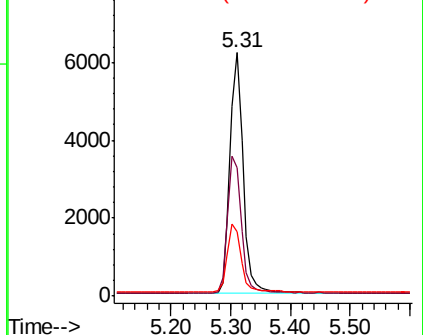
#4

2-Fluorophenol
Concen: 0.366 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion: 112 Resp: 9618
Ion Ratio Lower Upper
112 100
64 58.9 46.6 70.0
63 29.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

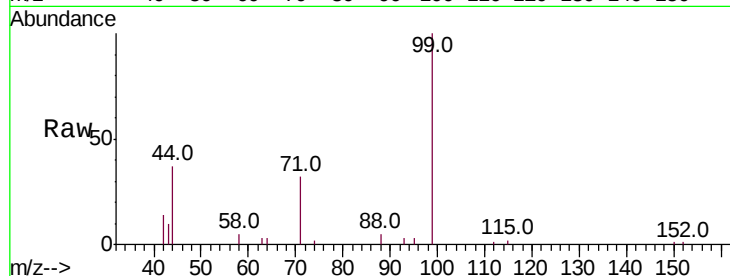
Tot Ion: 99 Resp: 12778

Ion Ratio Lower Upper

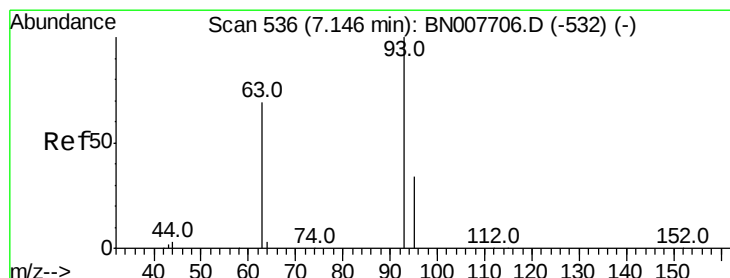
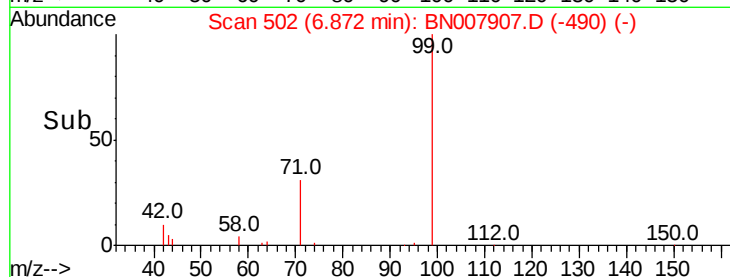
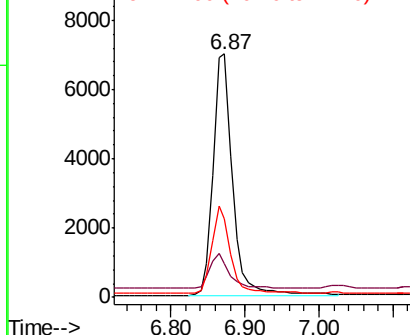
99 100

42 14.0 12.8 19.2

71 34.2 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.489 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

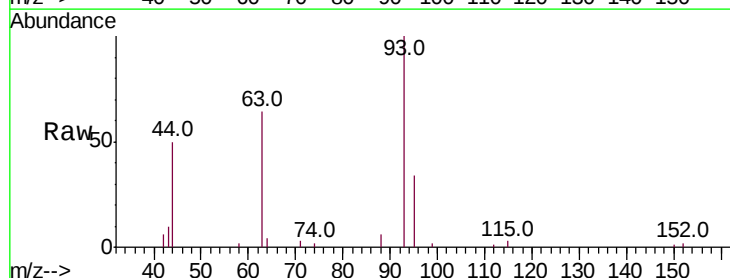
Tgt Ion: 93 Resp: 10561

Ion Ratio Lower Upper

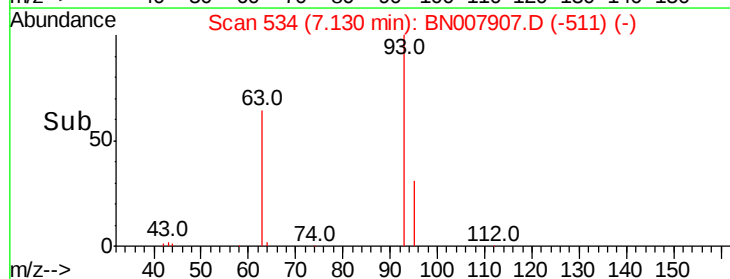
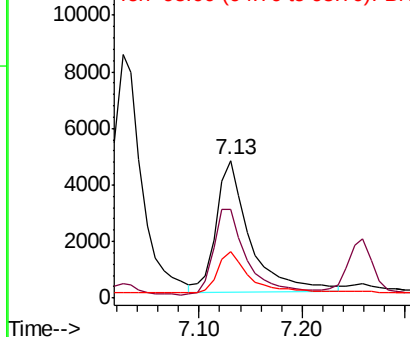
93 100

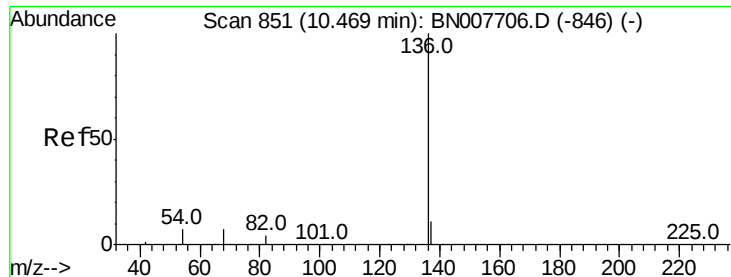
63 64.9 59.3 88.9

95 32.3 31.4 47.0



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 30079

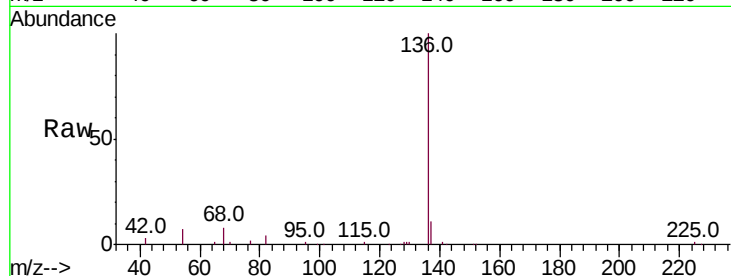
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.1 5.8 8.8

68 7.9 6.5 9.7

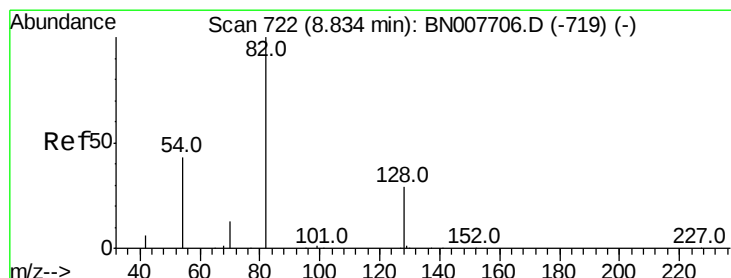
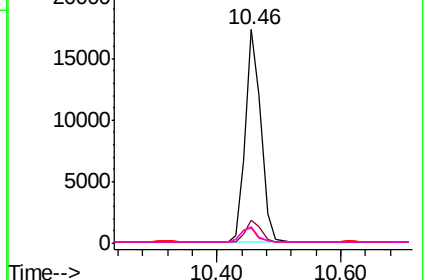
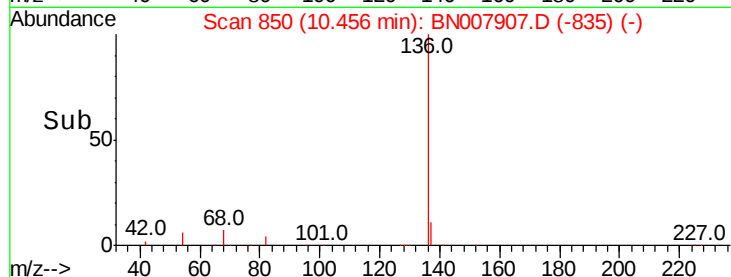


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.426 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

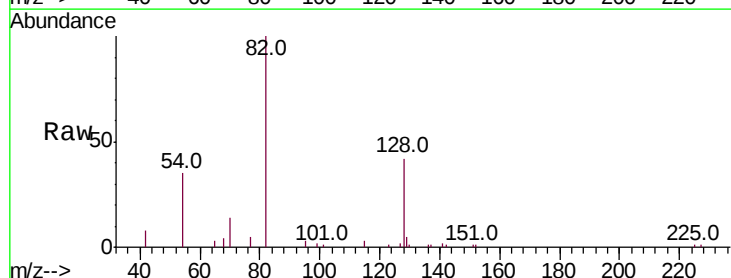
Tgt Ion: 82 Resp: 11219

Ion Ratio Lower Upper

82 100

128 42.4 24.5 36.7#

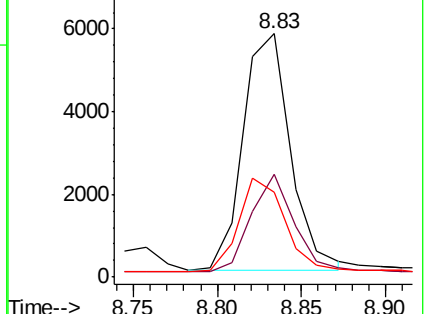
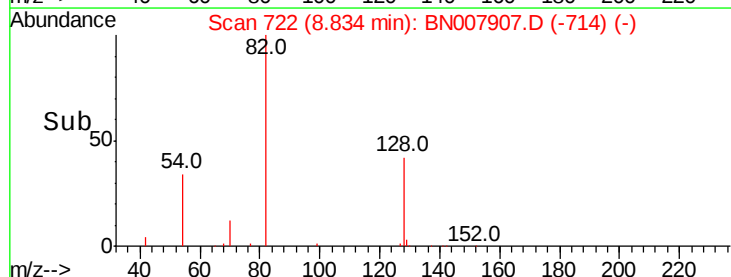
54 35.0 35.2 52.8#

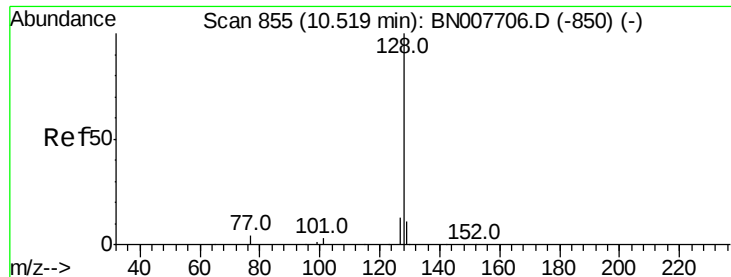


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.426 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

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ClientSampleId :

SSTDCCC0.4EC

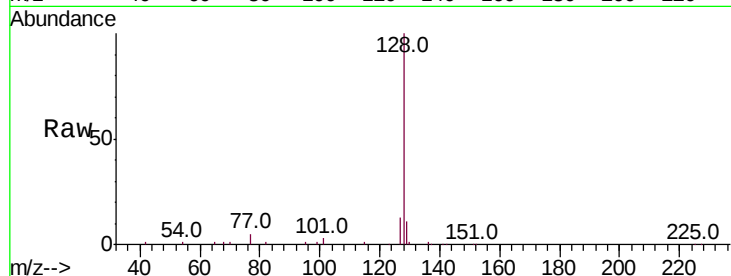
Tot Ion:128 Resp: 35985

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

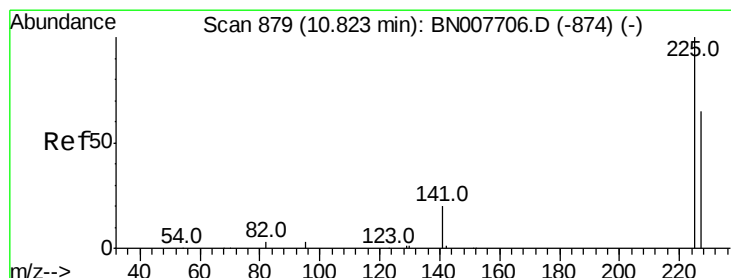
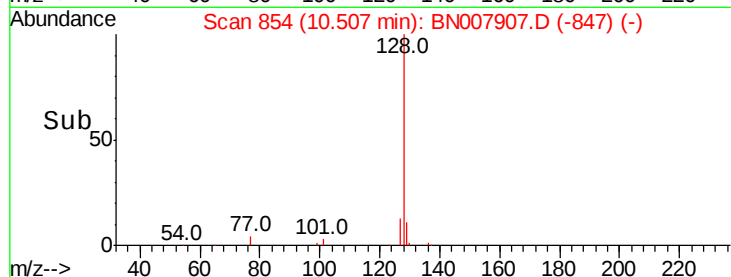
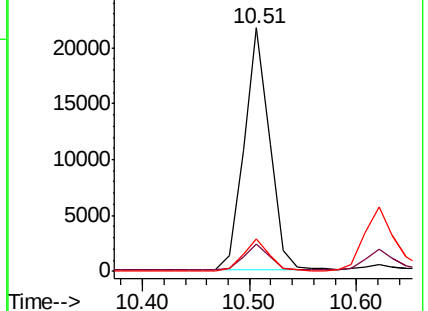
127 13.5 10.6 15.8



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: 0.435 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

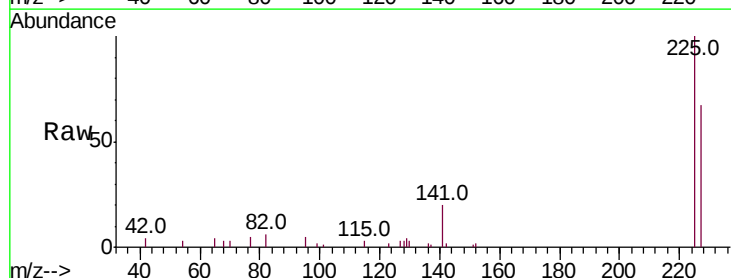
Tgt Ion:225 Resp: 7741

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

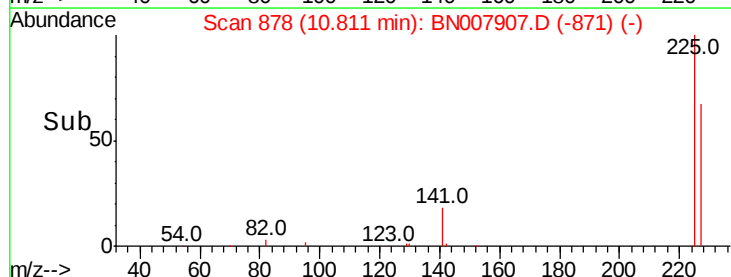
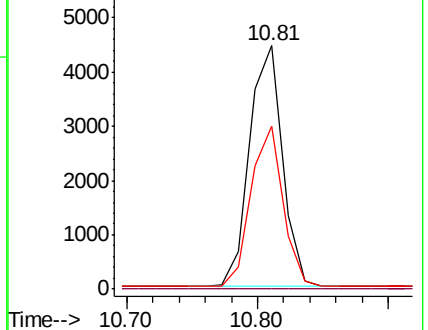
227 64.7 51.2 76.8

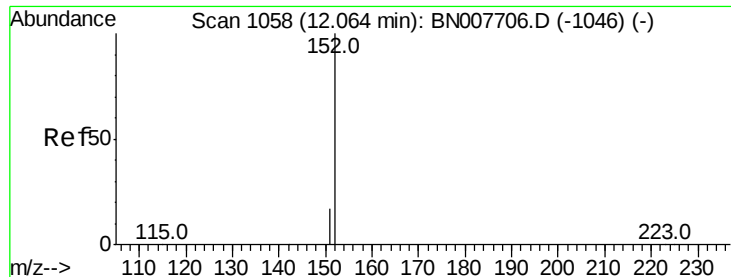


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

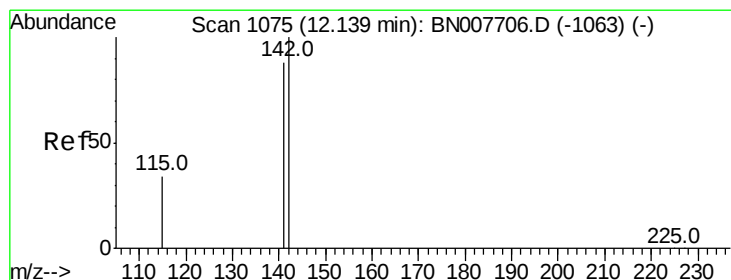
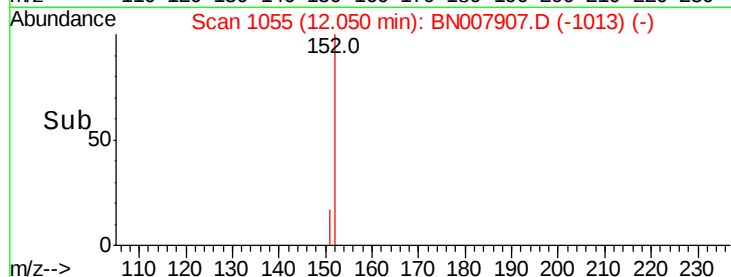
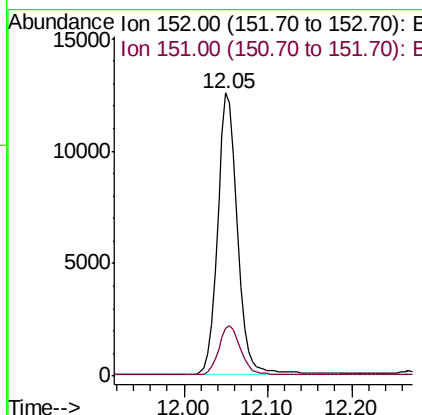
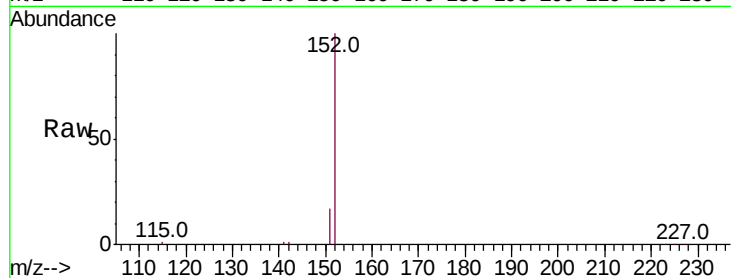




#11
 2-Methylnaphthalene-d10
 Concen: 0.409 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007907.D
 Acq: 30 Sep 2019 21:24

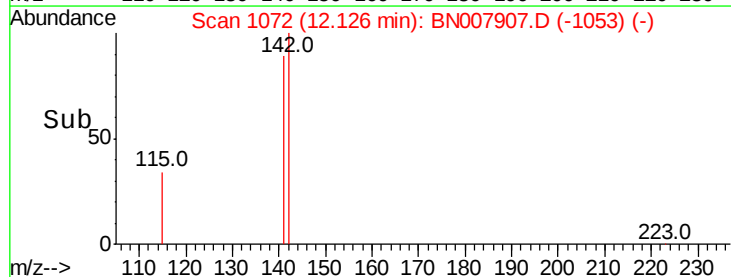
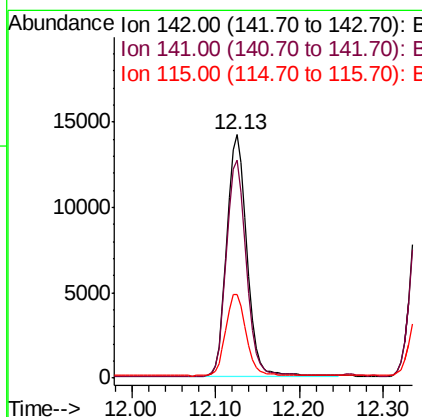
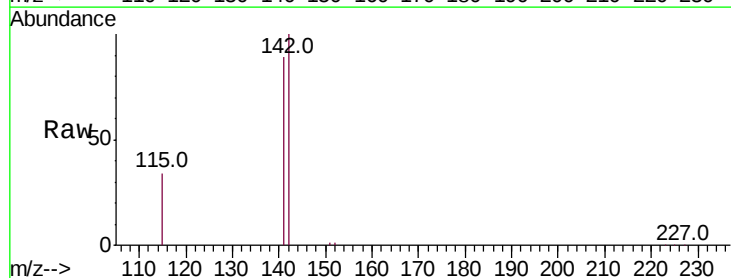
Instrument :
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 SSTDCCC0.4EC

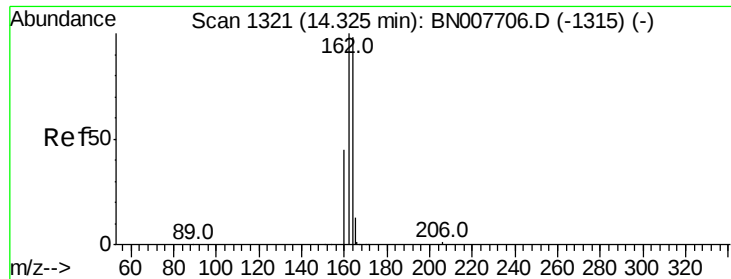
Tot Ion:152 Resp: 20744
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.411 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007907.D
 Acq: 30 Sep 2019 21:24

Tgt Ion:142 Resp: 23424
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.6 106.0
 115 34.5 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

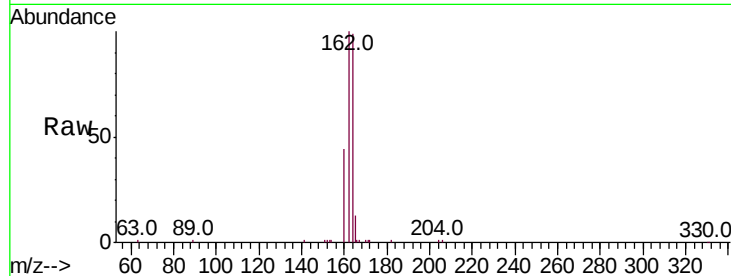
Tot Ion:164 Resp: 16702

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

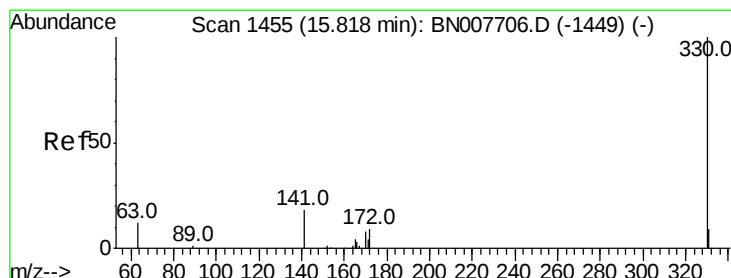
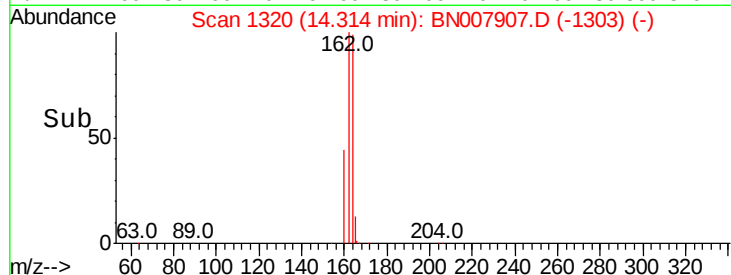
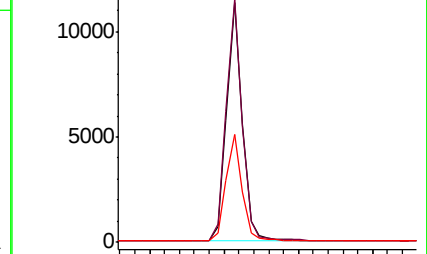
160 45.0 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.329 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

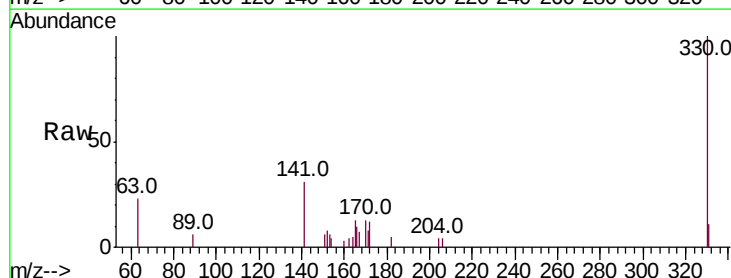
Tgt Ion:330 Resp: 2991

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

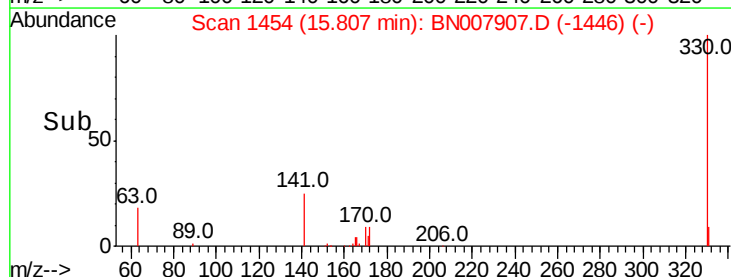
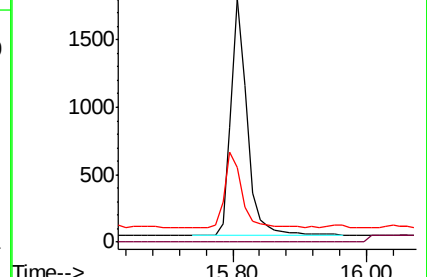
141 33.2 28.7 43.1



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

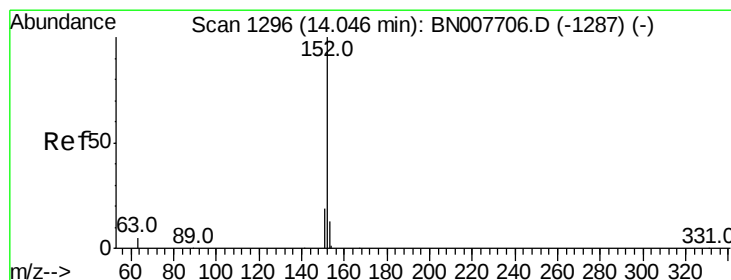
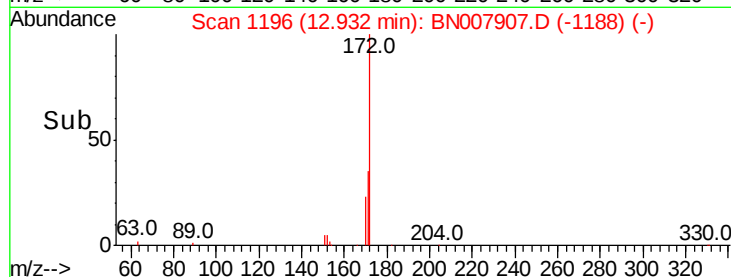
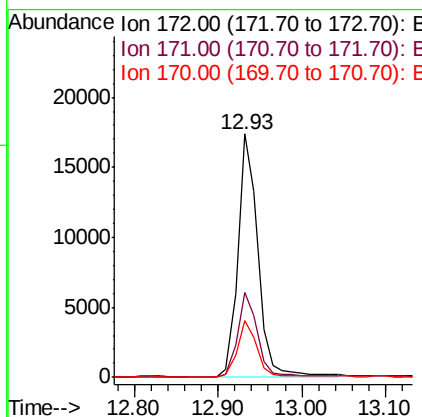
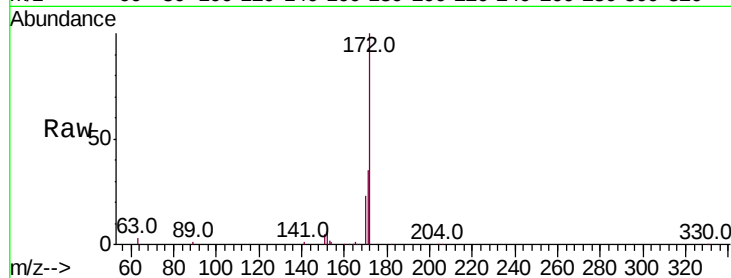




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

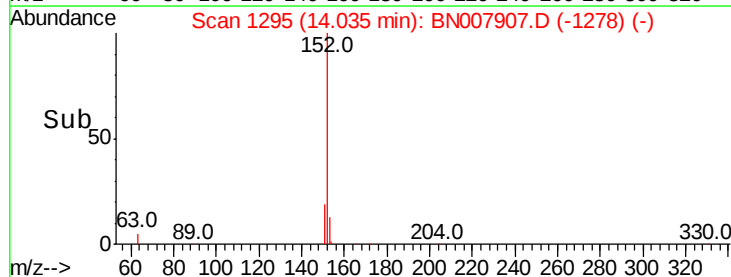
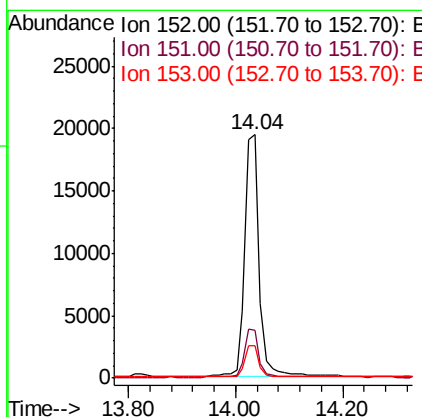
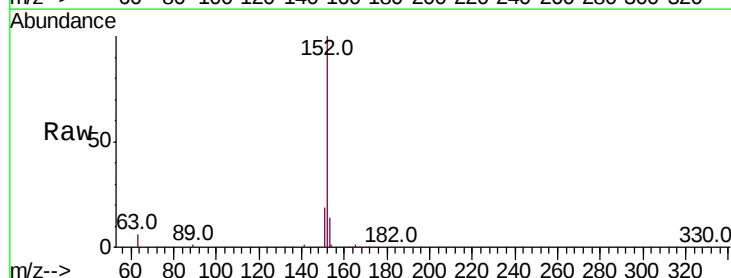
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

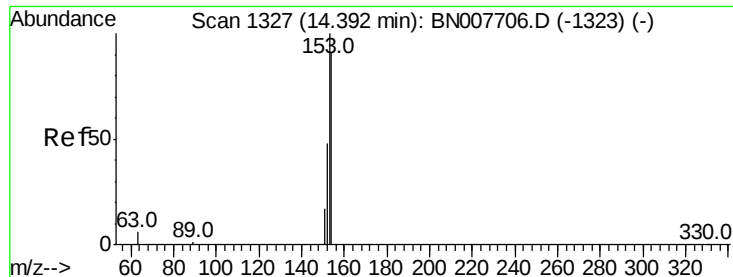
Tot Ion:172 Resp: 28470
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.4 19.5 29.3



#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:152 Resp: 36315
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

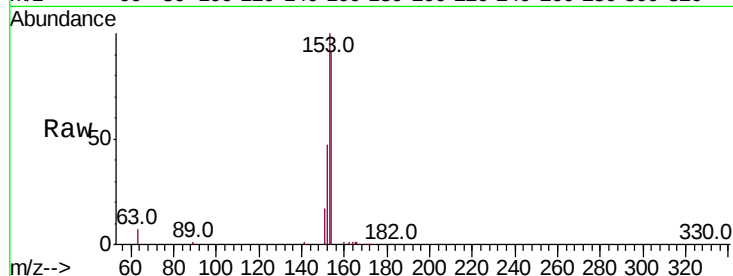
Tot Ion:154 Resp: 21963

Ion Ratio Lower Upper

154 100

153 113.0 87.0 130.4

152 54.7 42.7 64.1

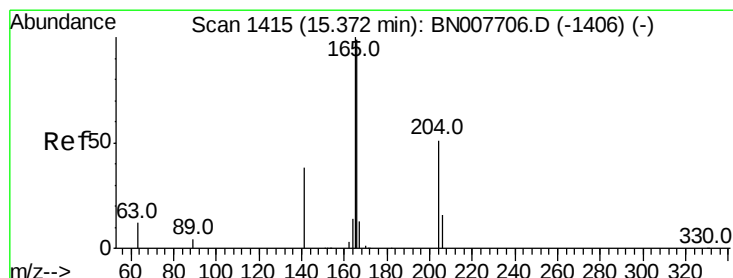
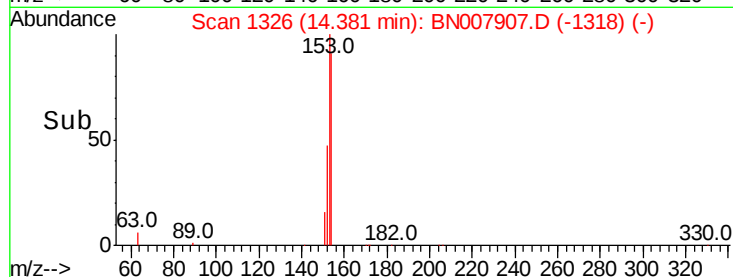
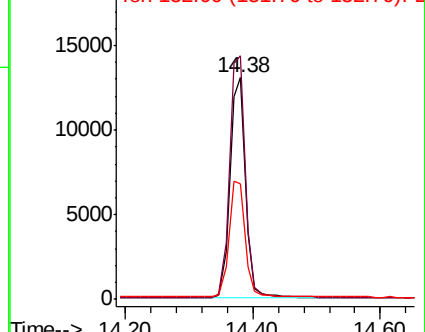


Abundance

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: 0.377 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

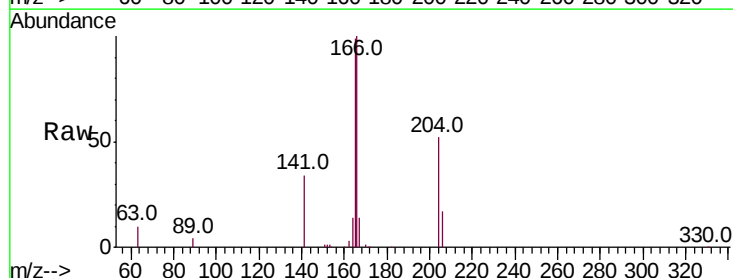
Tgt Ion:166 Resp: 27607

Ion Ratio Lower Upper

166 100

165 97.6 78.0 117.0

167 13.8 10.9 16.3

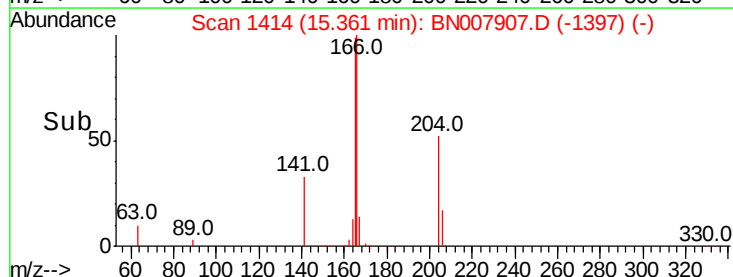
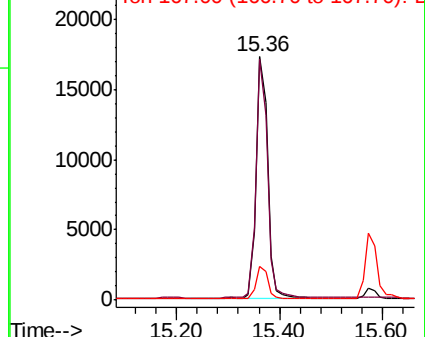


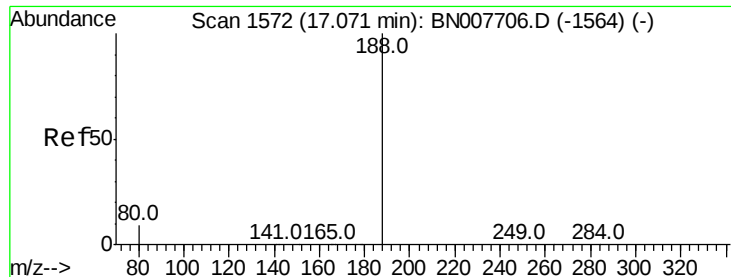
Abundance

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: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

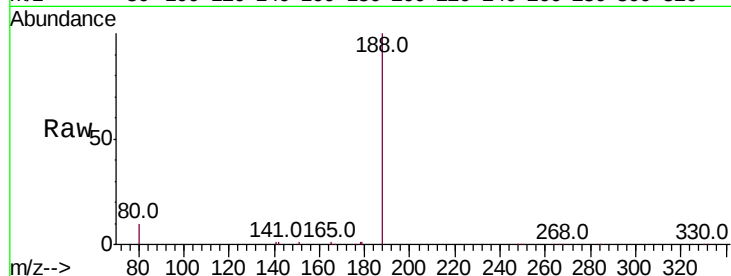
Tot Ion:188 Resp: 32007

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

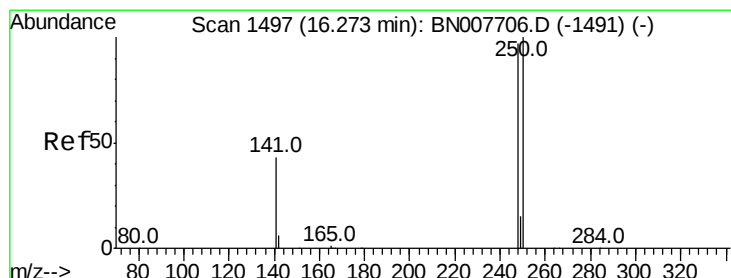
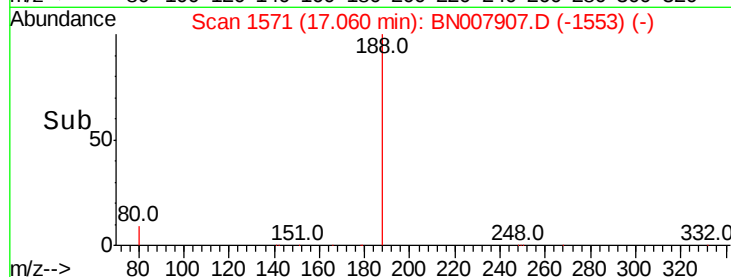
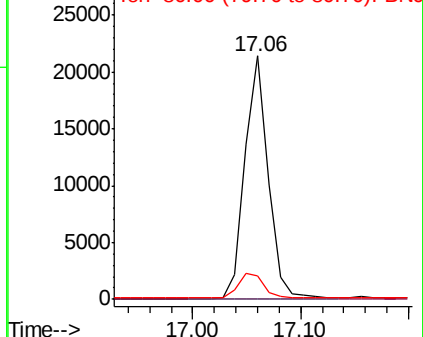
80 9.7 7.4 11.2



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: 0.445 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.02 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

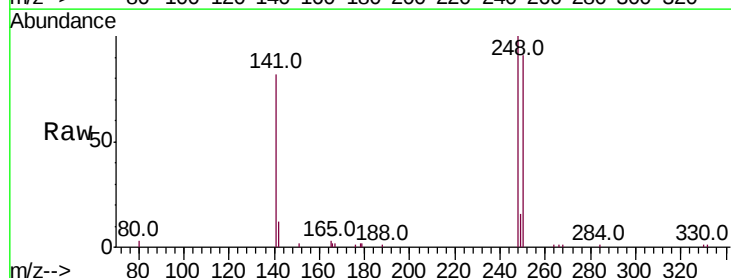
Tgt Ion:248 Resp: 8643

Ion Ratio Lower Upper

248 100

250 91.0 82.2 123.4

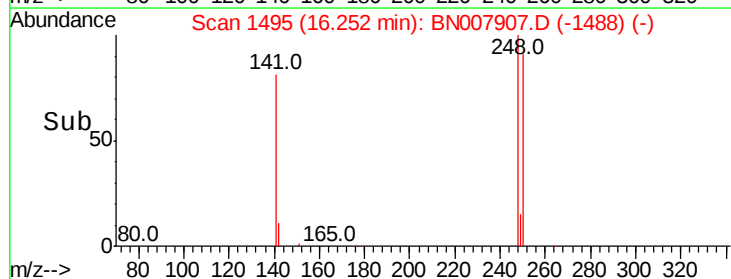
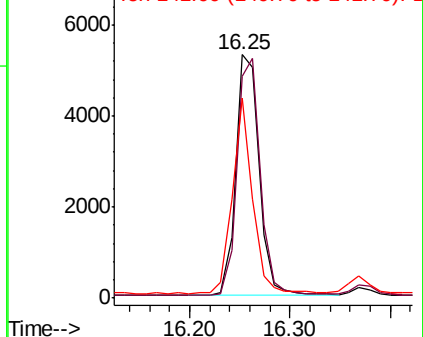
141 82.0 36.3 54.5#

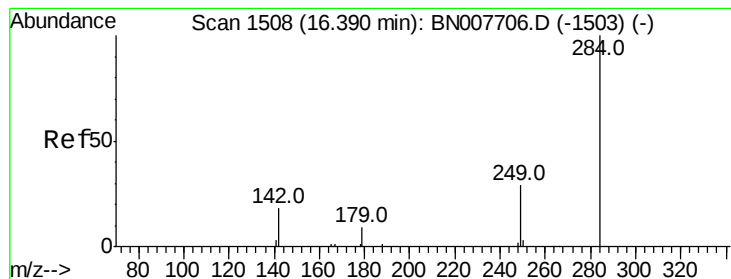


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.459 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

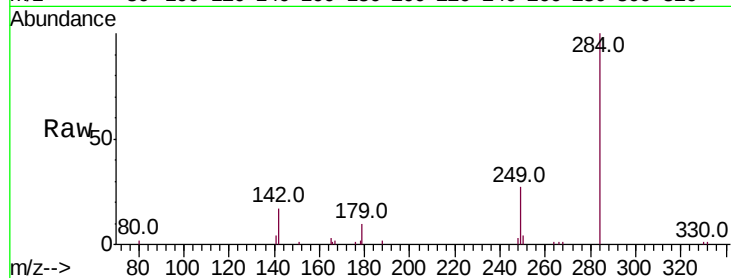
Tot Ion:284 Resp: 9746

Ion Ratio Lower Upper

284 100

142 31.1 25.8 38.6

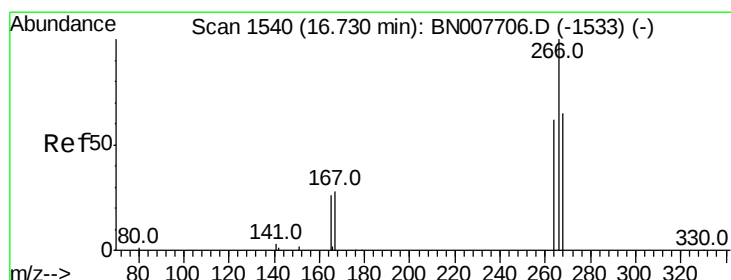
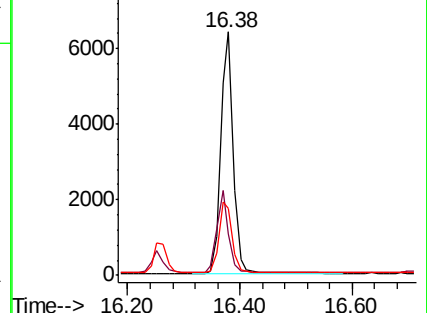
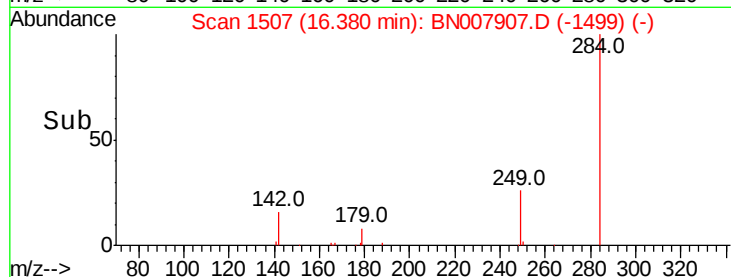
249 30.7 25.9 38.9



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: 0.434 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

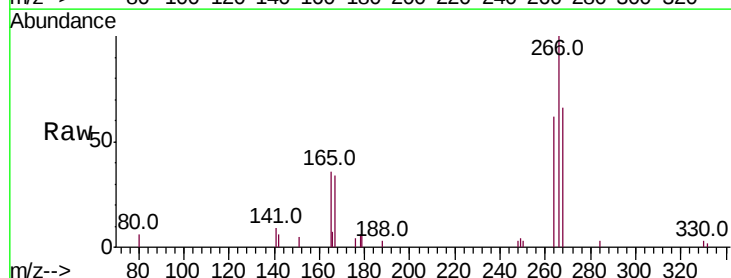
Tgt Ion:266 Resp: 3402

Ion Ratio Lower Upper

266 100

264 62.1 50.0 75.0

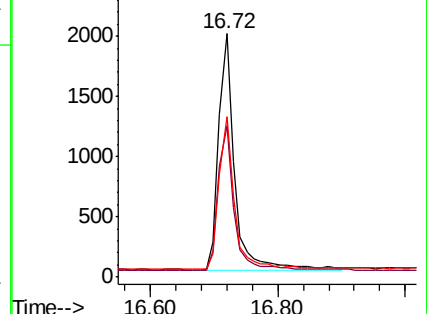
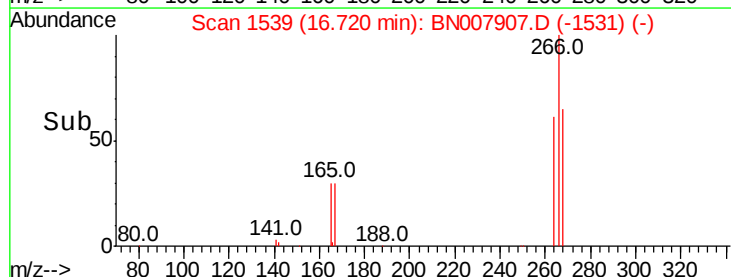
268 66.0 54.2 81.4

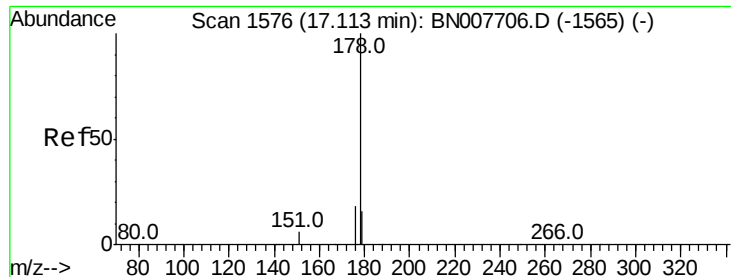


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.422 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

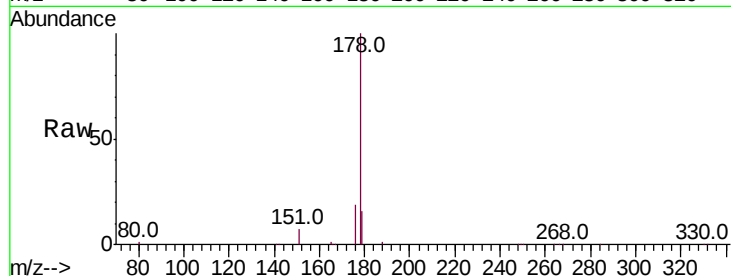
Tot Ion:178 Resp: 42054

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

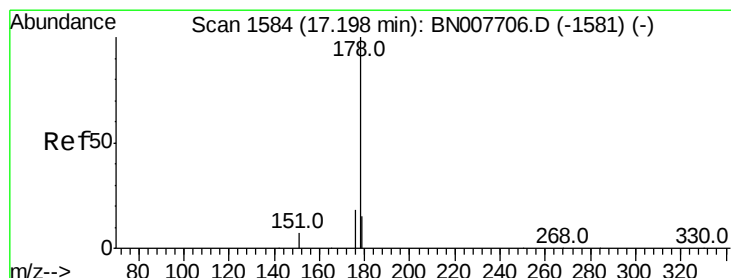
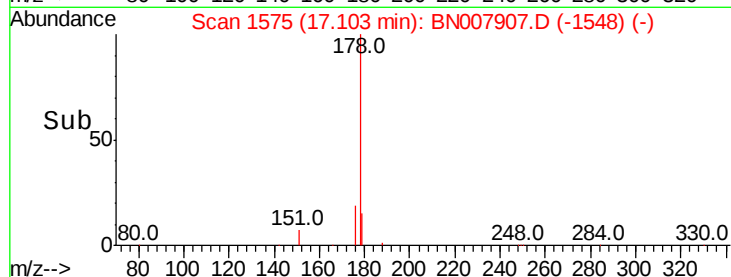
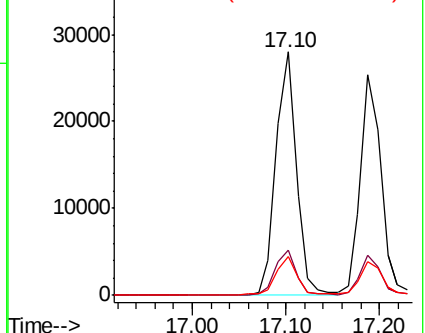
179 15.5 12.5 18.7



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: 0.433 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

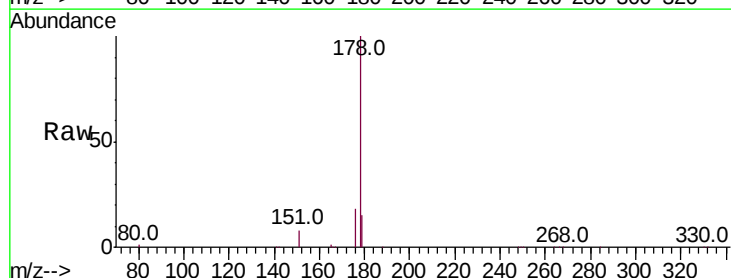
Tgt Ion:178 Resp: 39000

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

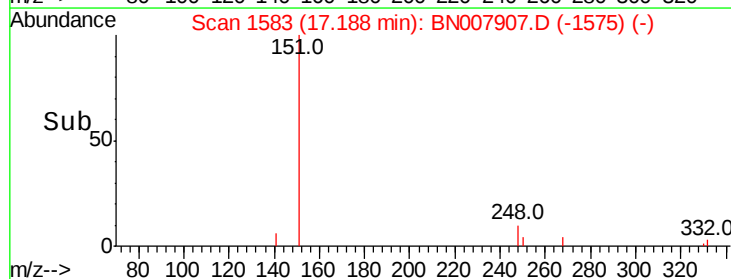
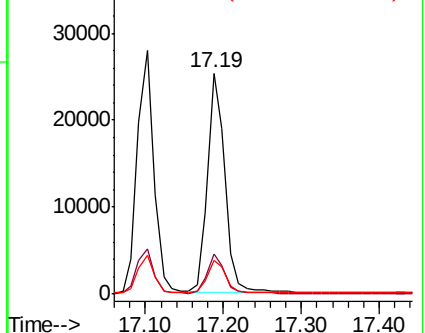
179 14.8 12.2 18.4

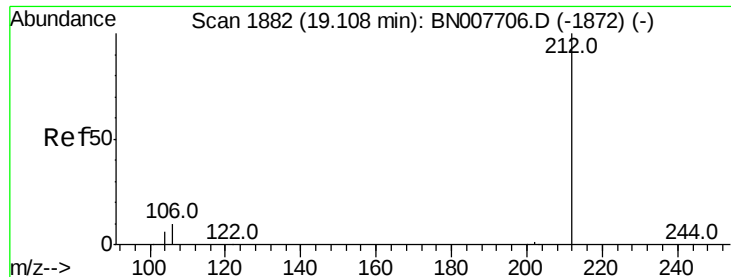


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.421 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

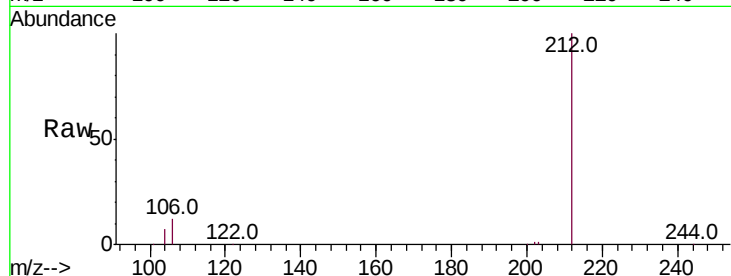
Tot Ion:212 Resp: 45383

Ion Ratio Lower Upper

212 100

106 11.5 9.4 14.0

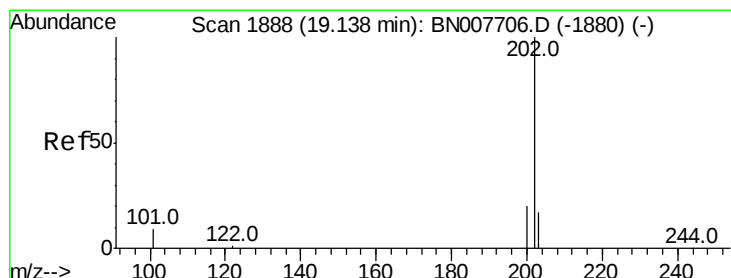
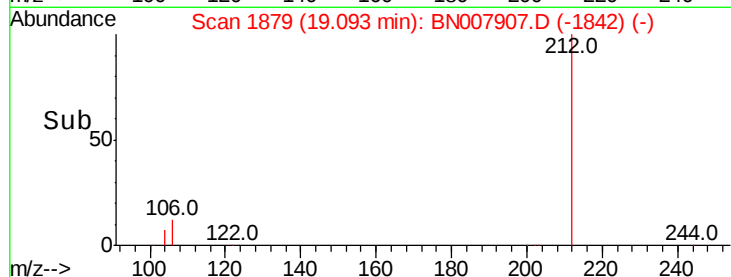
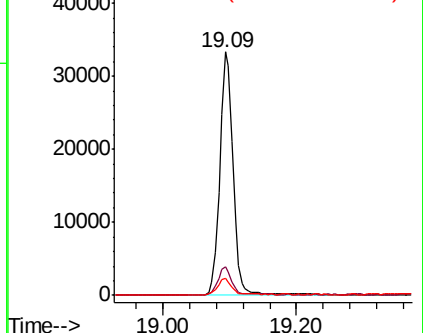
104 6.6 5.3 7.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.420 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

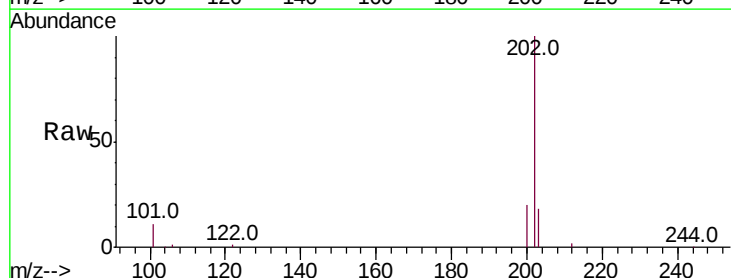
Tgt Ion:202 Resp: 52055

Ion Ratio Lower Upper

202 100

101 10.6 8.4 12.6

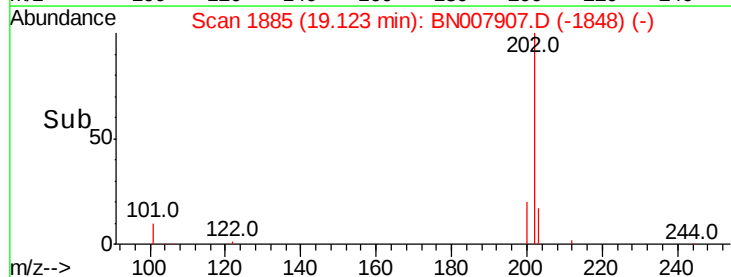
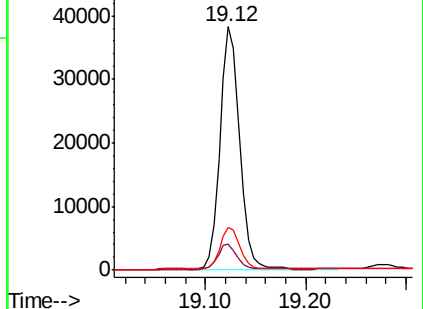
203 17.2 13.8 20.8



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: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

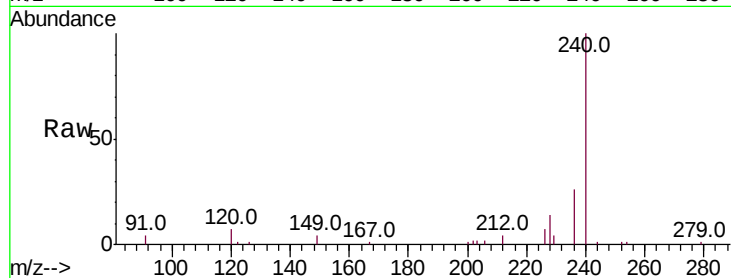
Tot Ion:240 Resp: 36127

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.2

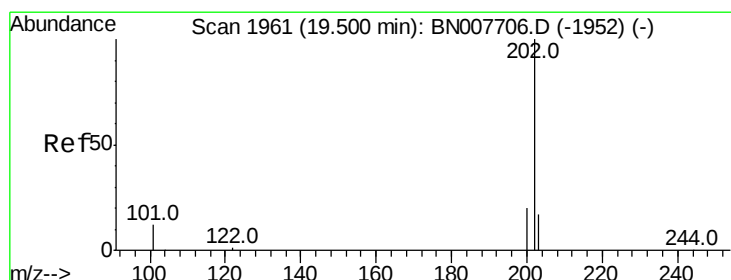
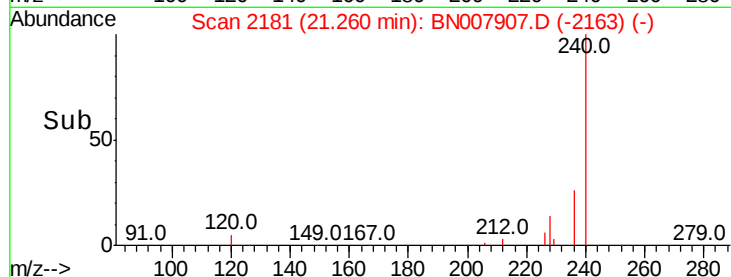
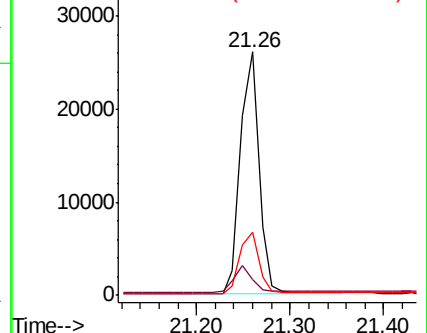
236 26.2 21.0 31.4



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: 0.442 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

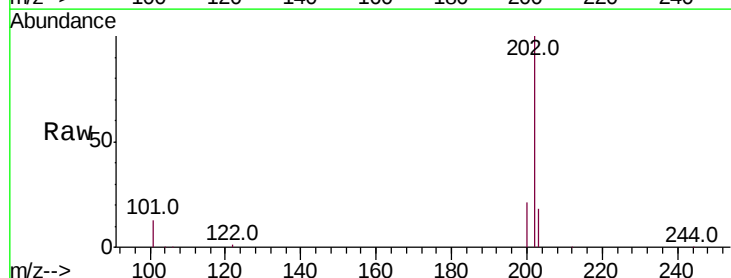
Tgt Ion:202 Resp: 54415

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

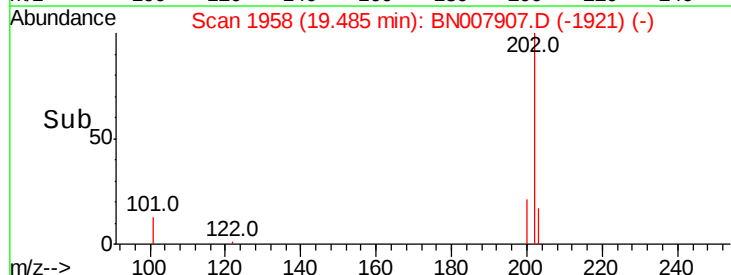
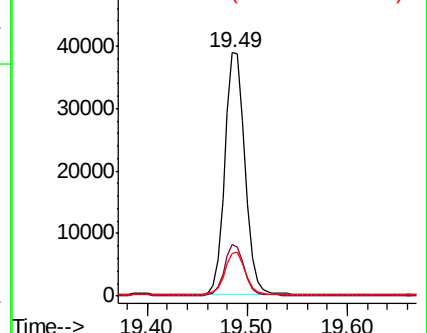
203 17.7 14.1 21.1

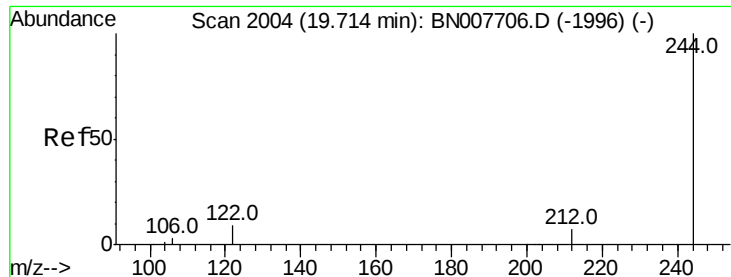


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

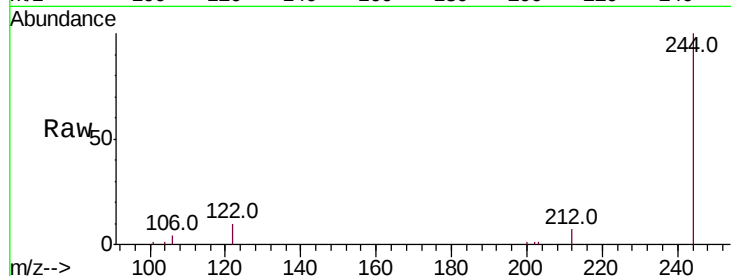
Tot Ion:244 Resp: 40119

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

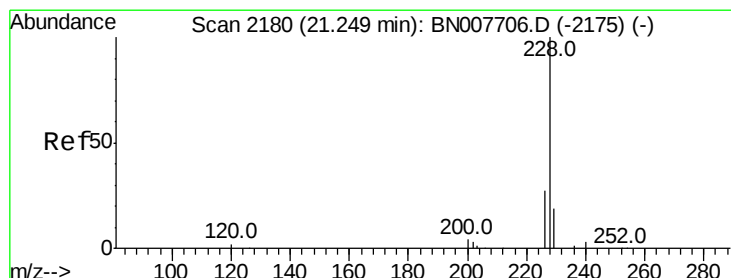
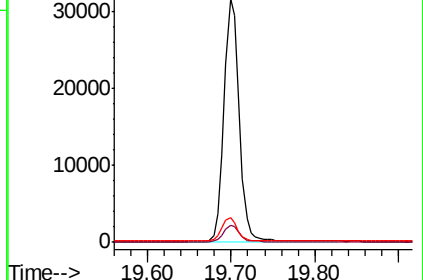
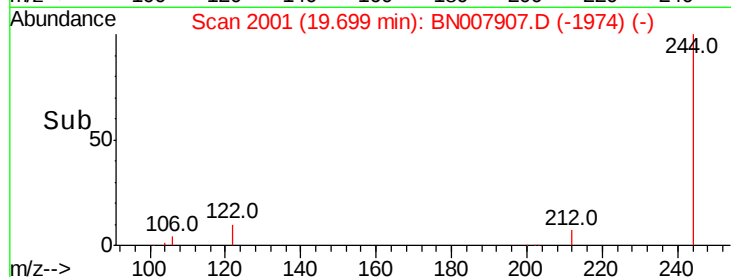
122 10.3 7.4 11.2



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: 0.430 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

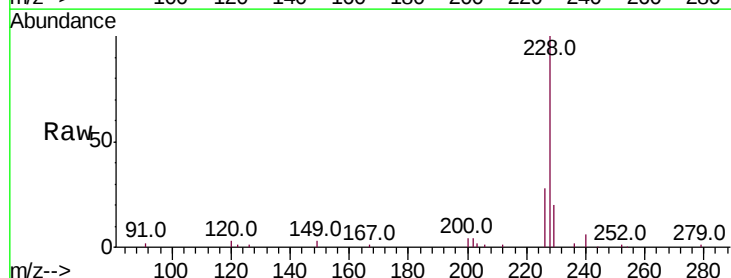
Tgt Ion:228 Resp: 57209

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

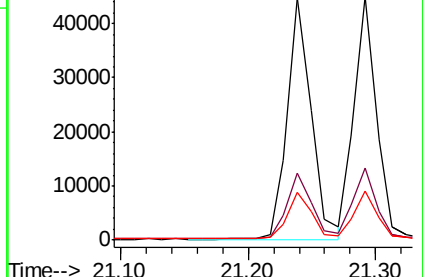
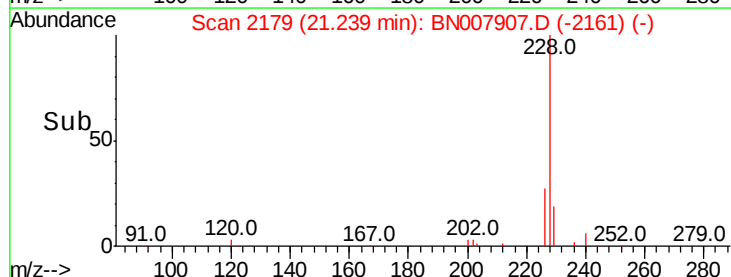
229 19.9 15.8 23.6

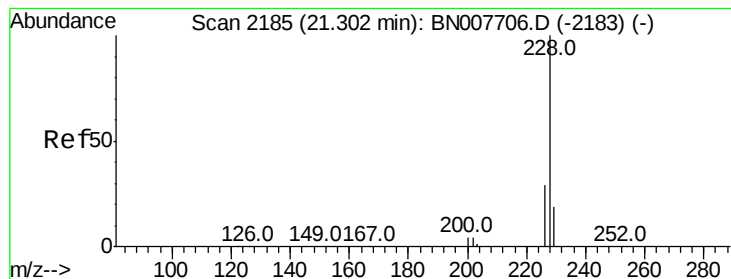


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.414 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

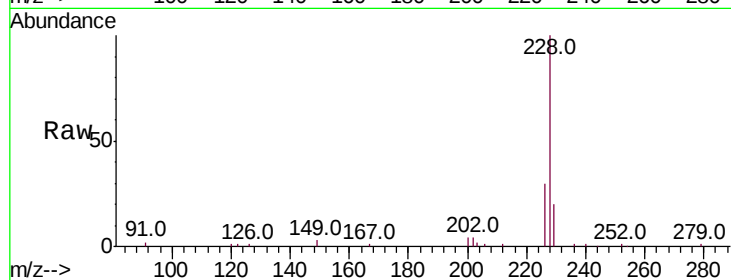
Tot Ion:228 Resp: 53660

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

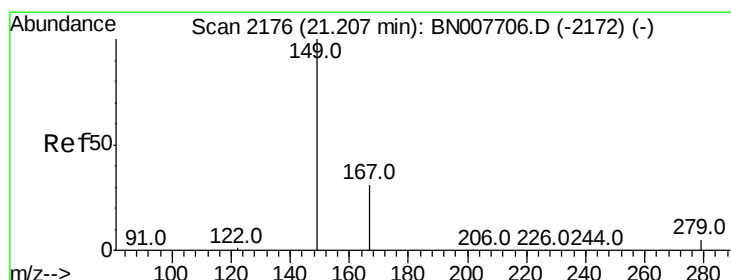
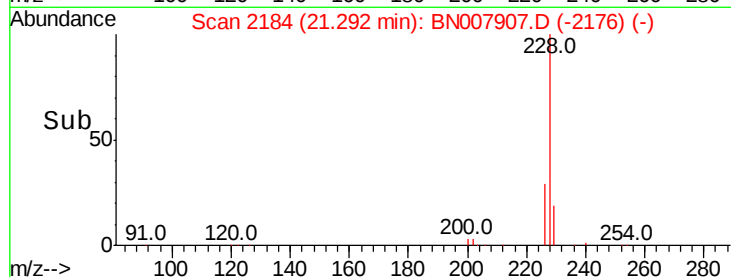
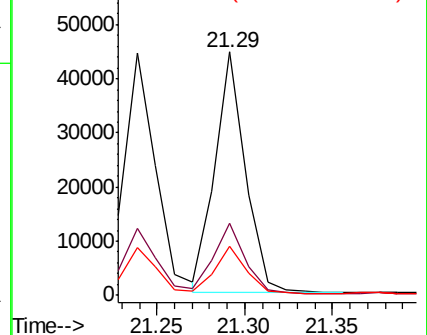
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.495 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

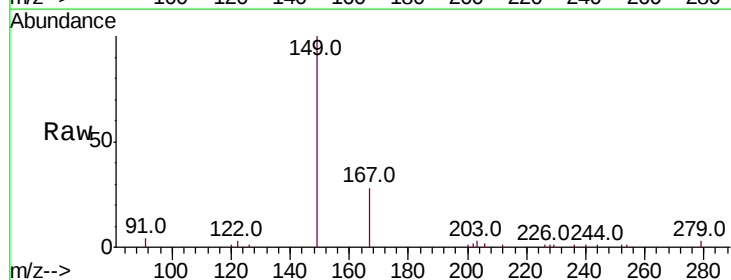
Tgt Ion:149 Resp: 33852

Ion Ratio Lower Upper

149 100

167 26.5 23.7 35.5

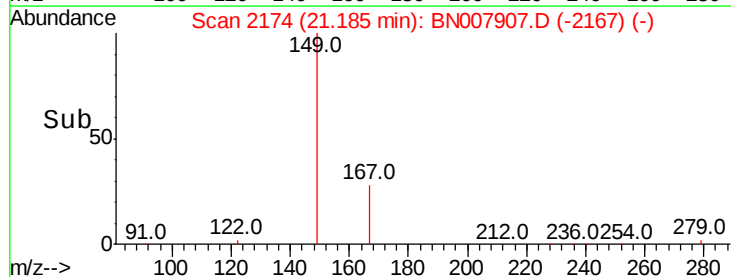
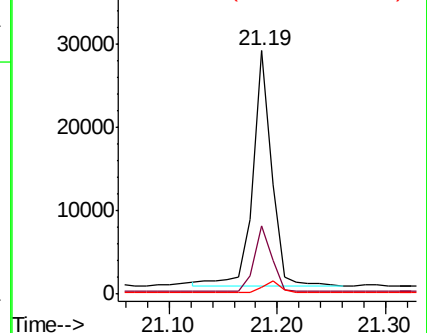
279 4.6 4.2 6.2

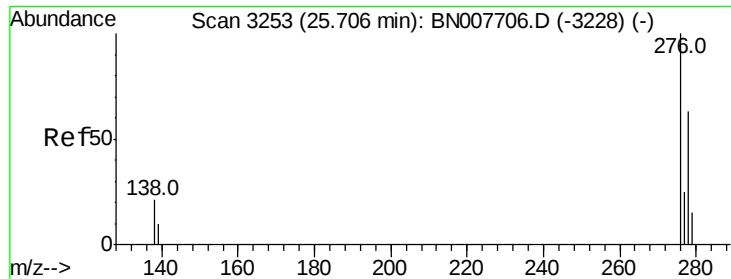


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

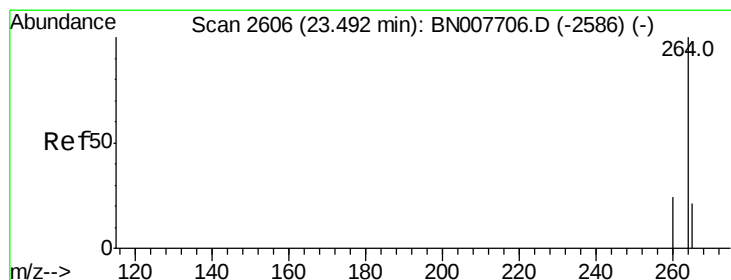
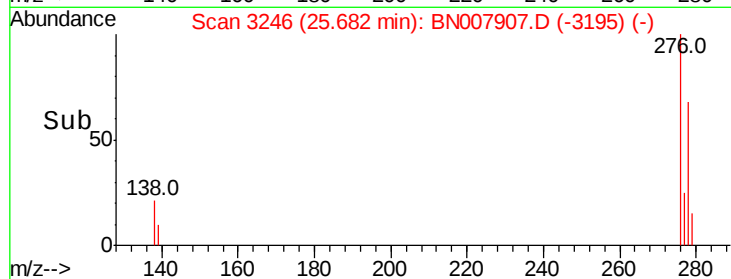
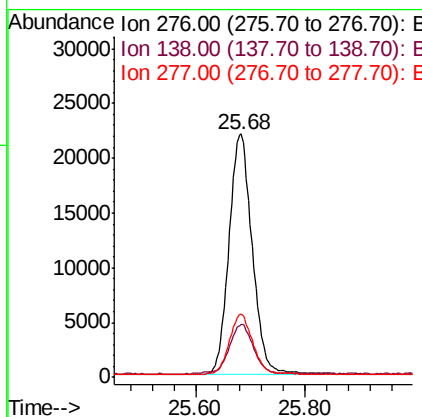
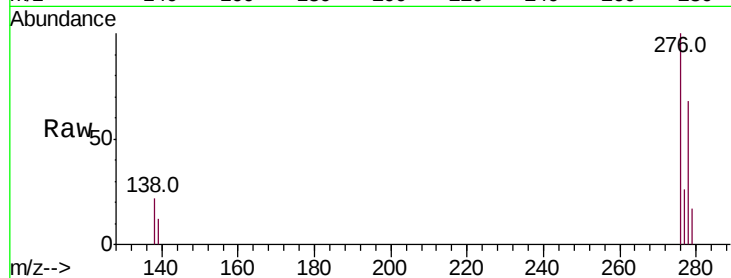




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.401 ng
 RT: 25.68 min Scan# 3246
 Delta R.T. -0.02 min
 Lab File: BN007907.D
 Acq: 30 Sep 2019 21:24

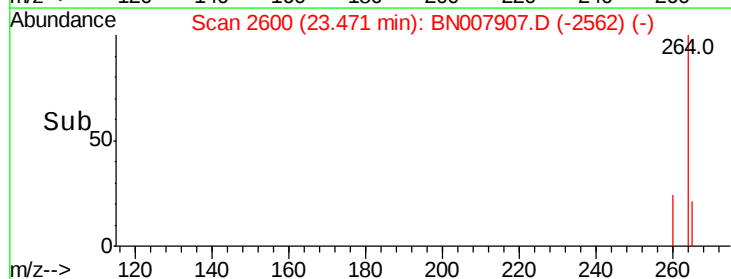
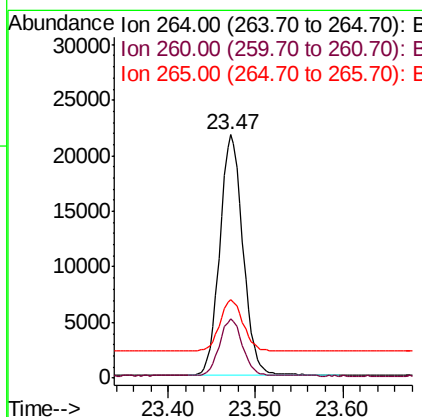
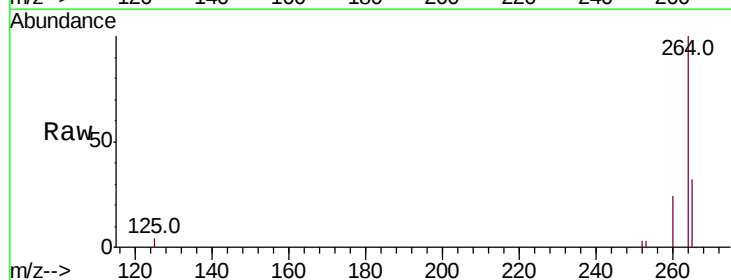
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

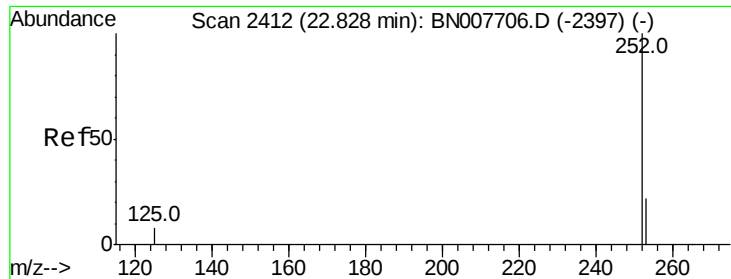
Tot Ion:276 Resp: 65050
 Ion Ratio Lower Upper
 276 100
 138 22.0 17.1 25.7
 277 24.8 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BN007907.D
 Acq: 30 Sep 2019 21:24

Tgt Ion:264 Resp: 40044
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 32.1 26.9 40.3

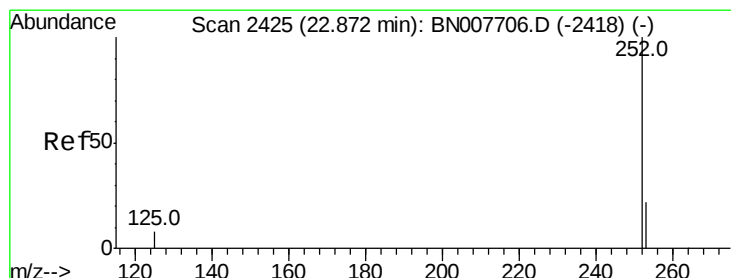
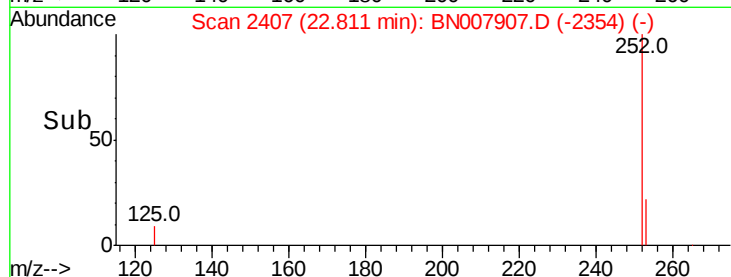
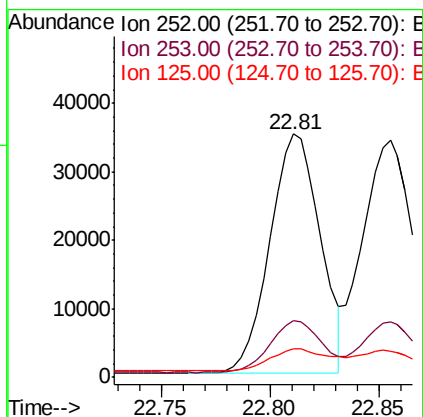
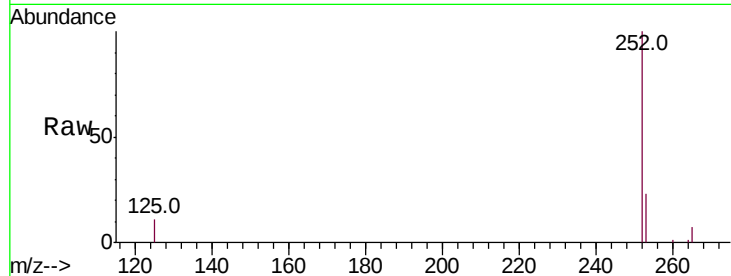




#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

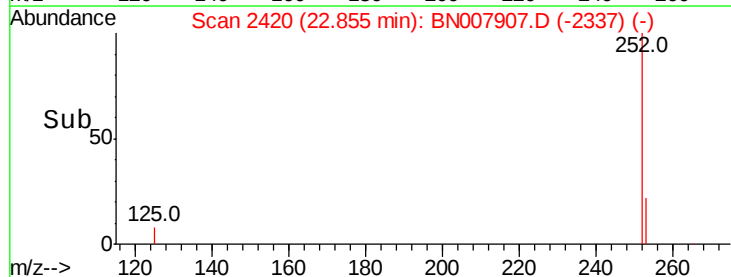
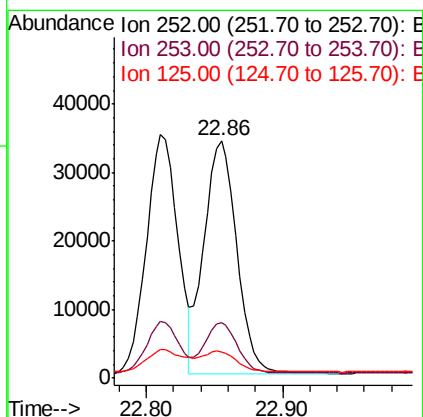
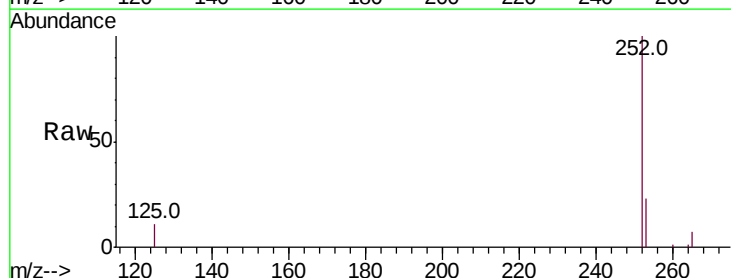
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

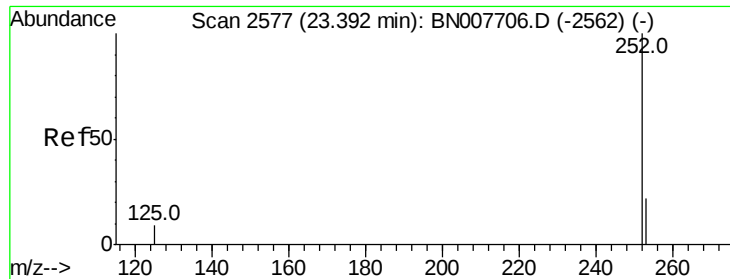
Tot Ion:252 Resp: 56281
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 11.5 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 22.86 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:252 Resp: 56924
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 11.2 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.38 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

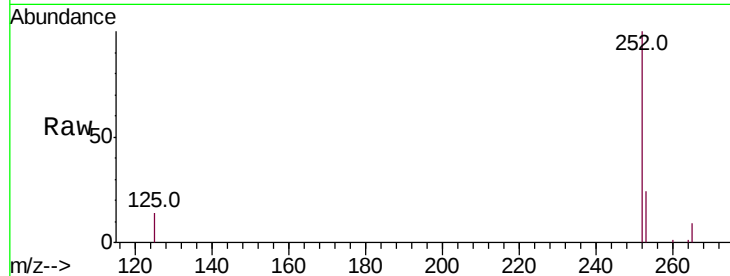
Tot Ion:252 Resp: 53425

Ion Ratio Lower Upper

252 100

253 23.9 18.6 27.8

125 13.9 9.4 14.0

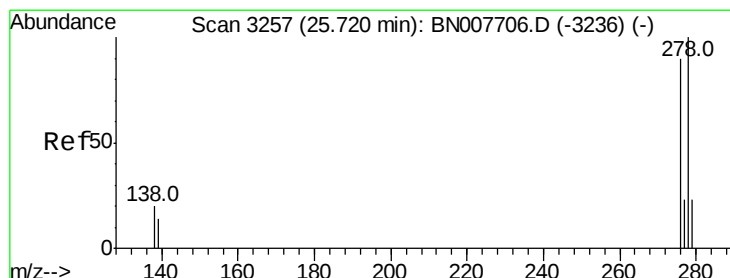
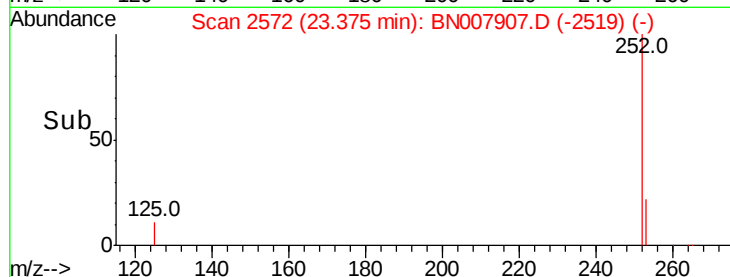
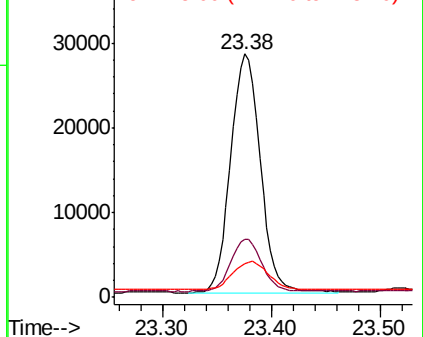


Abundance

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: 0.394 ng

RT: 25.69 min Scan# 3249

Delta R.T. -0.03 min

Lab File: BN007907.D

Acq: 30 Sep 2019 21:24

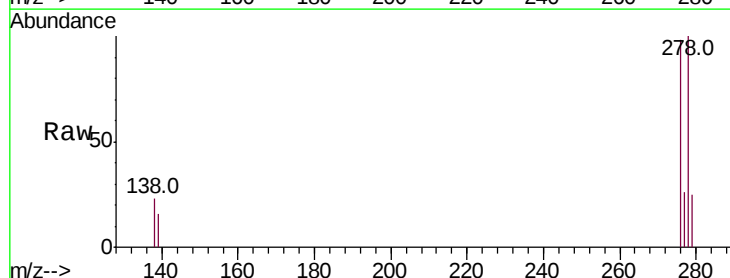
Tgt Ion:278 Resp: 52604

Ion Ratio Lower Upper

278 100

139 15.9 11.8 17.6

279 24.9 19.4 29.2

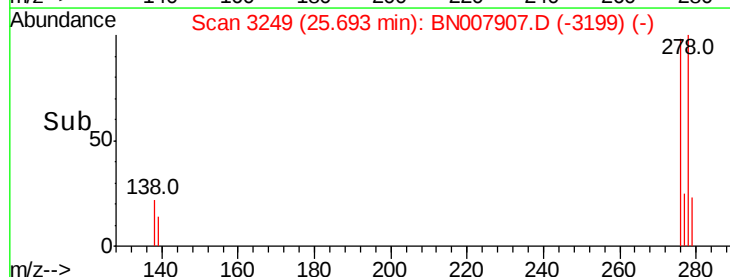
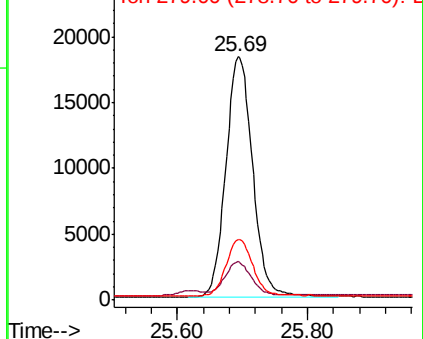


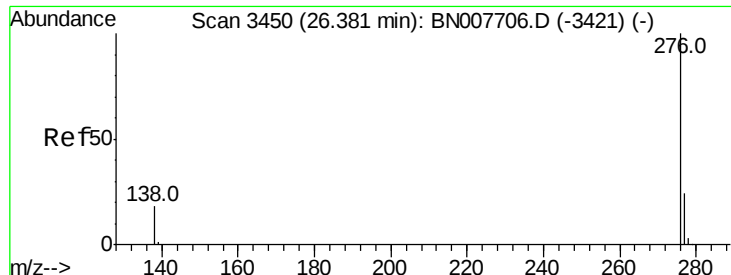
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.403 ng

RT: 26.35 min Scan# 3442

Delta R.T. -0.03 min

Lab File: BN007907.D

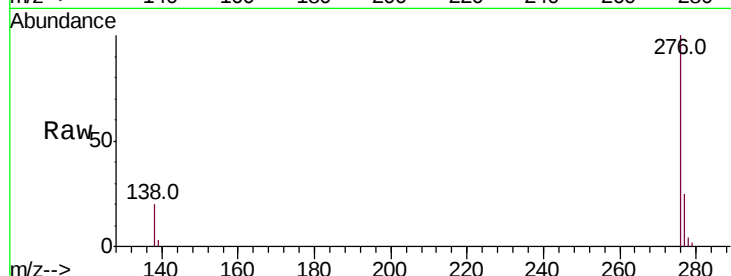
Acq: 30 Sep 2019 21:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 53294

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 20.0 15.1 22.7

Abundance Ion 276.00 (275.70 to 276.70): E
 25000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

