

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007867.D
 Acq On : 25 Sep 2019 23:04
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 26 03:54:52 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	9149	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	35853	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	19981	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	37228	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	35851	0.40	ng	-0.02
34) Perylene-d12	23.46	264	39244	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	11579	0.37	ng	0.00
5) Phenol-d6	6.87	99	15110	0.38	ng	0.00
8) Nitrobenzene-d5	8.83	82	13369	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	25054	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	3314	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	34521	0.42	ng	-0.01
25) Fluoranthene-d10	19.09	212	47981	0.38	ng	-0.02
29) Terphenyl-d14	19.70	244	39808	0.45	ng	-0.02

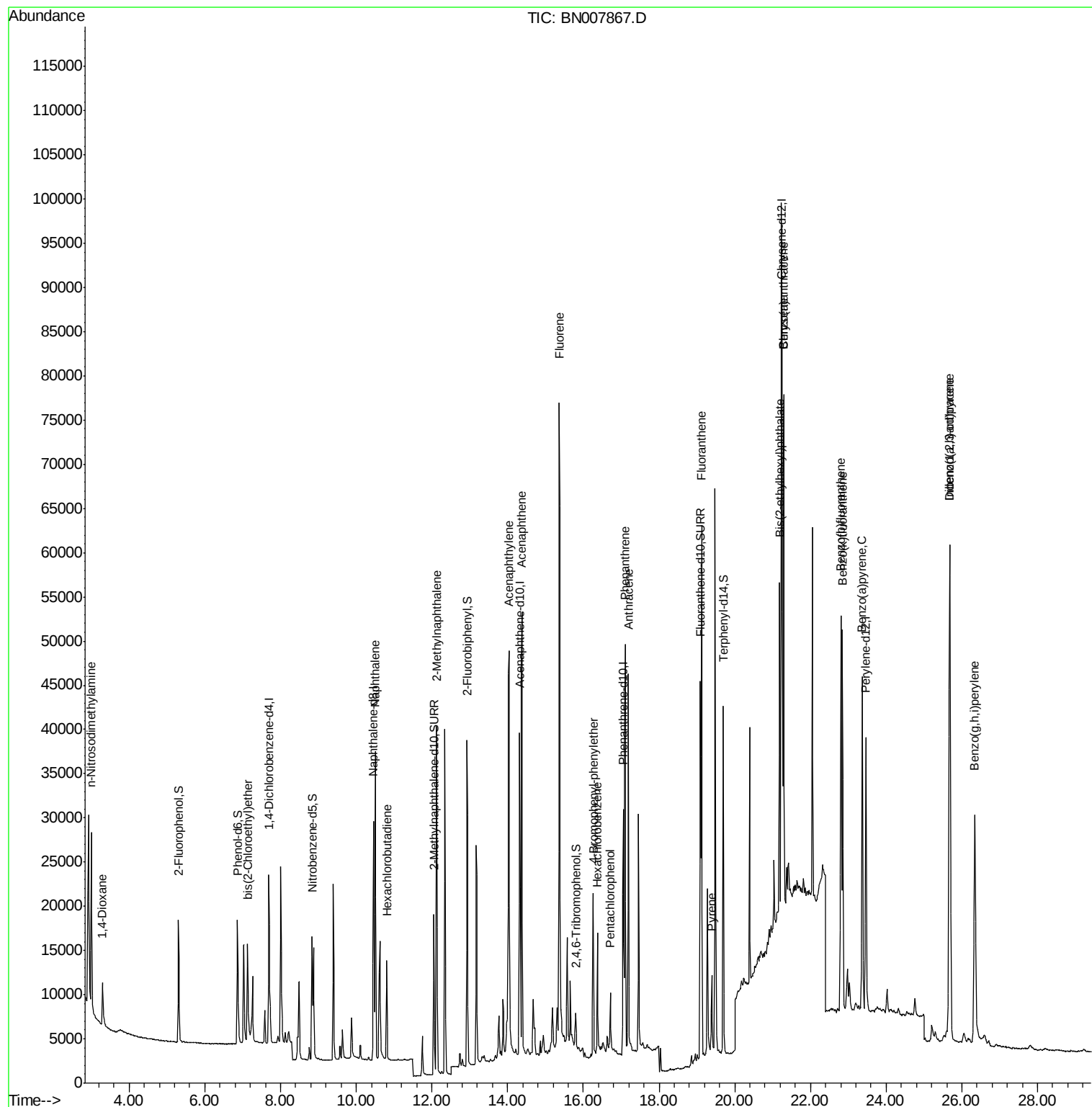
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	4032	0.395	ng	# 86
3) n-Nitrosodimethylamine	3.00	42	2533	0.542	ng	# 89
6) bis(2-Chloroethyl)ether	7.13	93	12219	0.472	ng	90
9) Naphthalene	10.51	128	42915	0.427	ng	100
10) Hexachlorobutadiene	10.81	225	9458	0.446	ng	# 100
12) 2-Methylnaphthalene	12.13	142	28453	0.418	ng	99
16) Acenaphthylene	14.03	152	78246	0.738	ng	99
17) Acenaphthene	14.38	154	28676	0.420	ng	96
18) Fluorene	15.36	166	38028	0.434	ng	92
20) 4-Bromophenyl-phenylether	16.26	248	10443	0.462	ng	99
21) Hexachlorobenzene	16.38	284	11140	0.451	ng	98
22) Pentachlorophenol	16.72	266	3682	0.404	ng	99
23) Phenanthrene	17.10	178	49529	0.427	ng	99
24) Anthracene	17.19	178	47182	0.450	ng	98
26) Fluoranthene	19.12	202	55463	0.385	ng	100
28) Pyrene	19.39	202	8587	0.070	ng	95
30) Benzo(a)anthracene	21.29	228	52295	0.396	ng	91
31) Chrysene	21.29	228	52053	0.405	ng	94
32) Bis(2-ethylhexyl)phthalate	21.18	149	35245	0.519	ng	96
33) Indeno(1,2,3-cd)pyrene	25.68	276	63969	0.397	ng	99
35) Benzo(b)fluoranthene	22.80	252	56039	0.411	ng	96
36) Benzo(k)fluoranthene	22.85	252	53434	0.397	ng	96
37) Benzo(a)pyrene	23.37	252	53058	0.414	ng	# 94
38) Dibenzo(a,h)anthracene	25.69	278	51650	0.394	ng	96
39) Benzo(g,h,i)perylene	26.34	276	56400	0.435	ng	97

(#) = 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: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

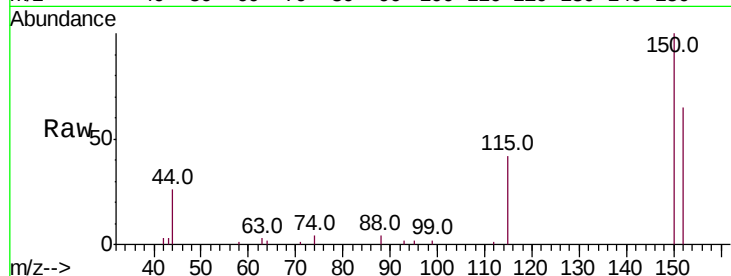
Tot Ion:152 Resp: 9149

Ion Ratio Lower Upper

152 100

150 153.3 125.6 188.4

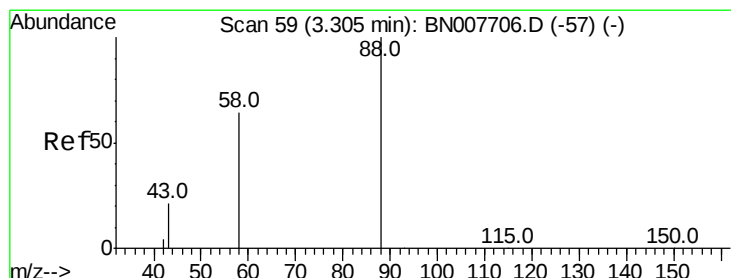
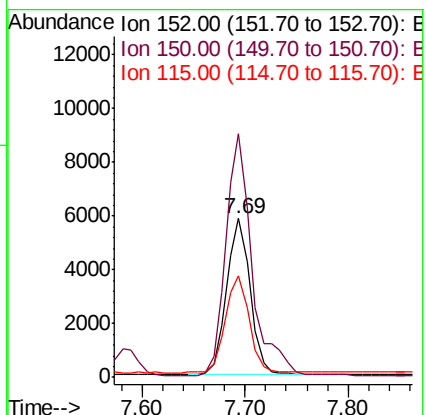
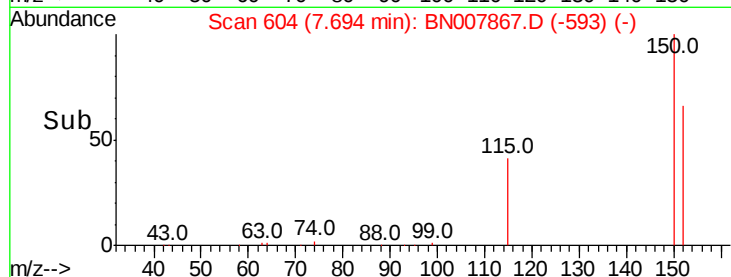
115 63.8 53.3 79.9



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: 0.395 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

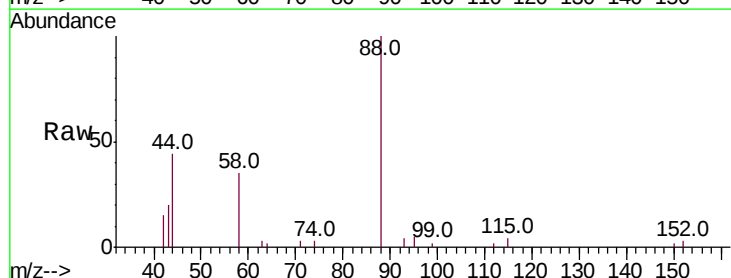
Tgt Ion: 88 Resp: 4032

Ion Ratio Lower Upper

88 100

58 66.9 44.6 66.8#

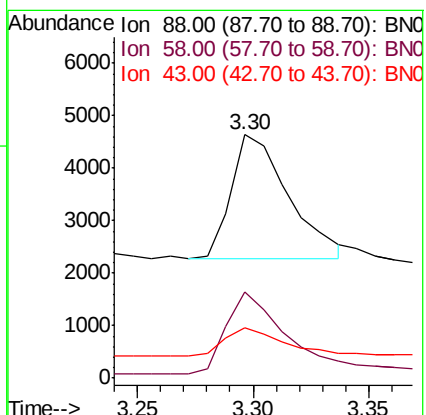
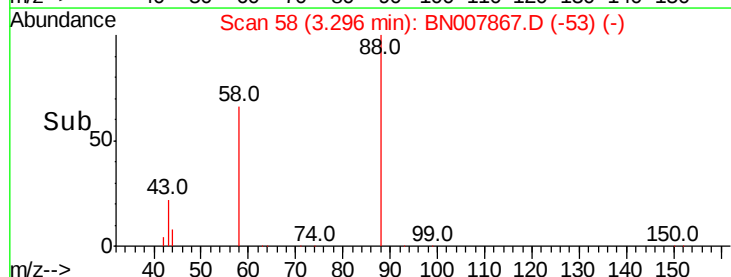
43 22.5 14.4 21.6#



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: 0.542 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

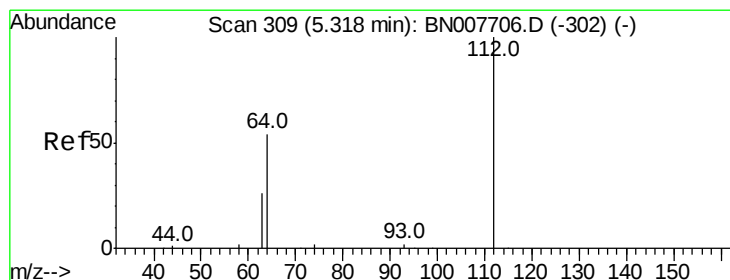
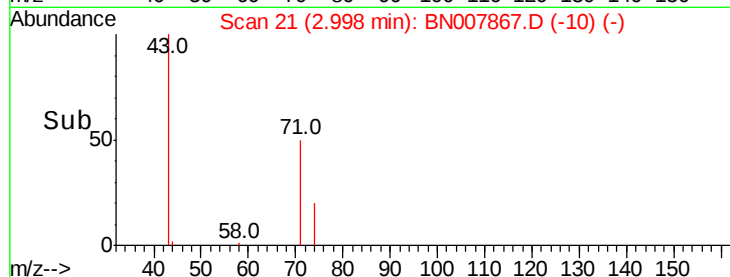
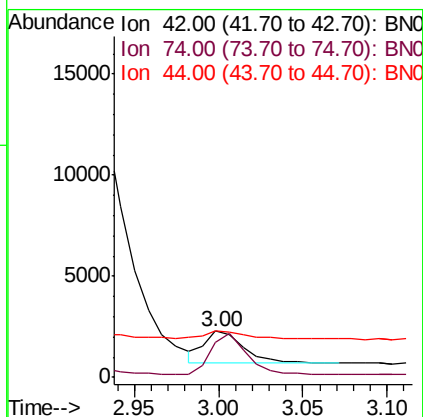
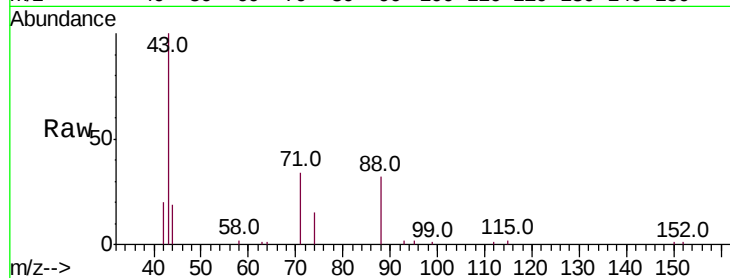
Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion: 42 Resp: 2533

Ion	Ratio	Lower	Upper
42	100		
74	118.2	87.9	131.9
44	25.4	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.368 ng

RT: 5.31 min Scan# 308

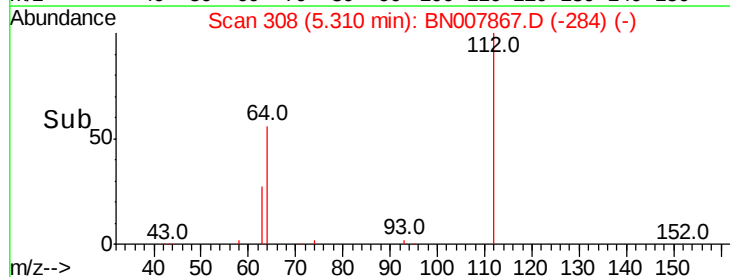
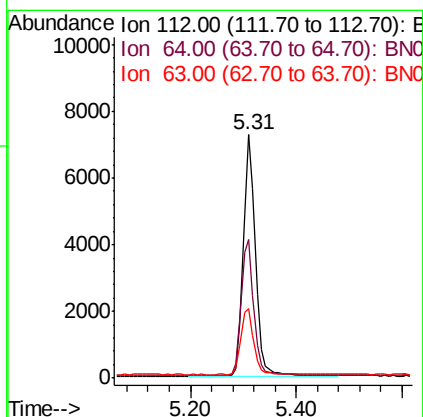
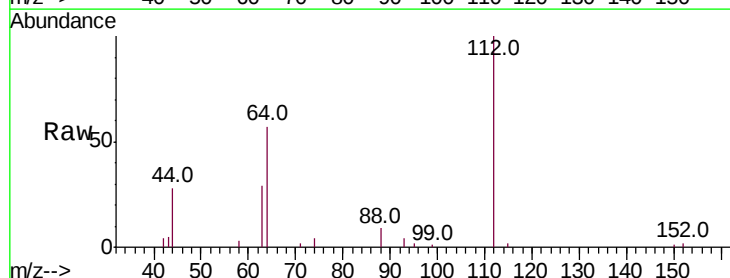
Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Tgt Ion: 112 Resp: 11579

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.6	70.0
63	28.8	23.1	34.7





#5

Phenol-d6

Concen: 0.385 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

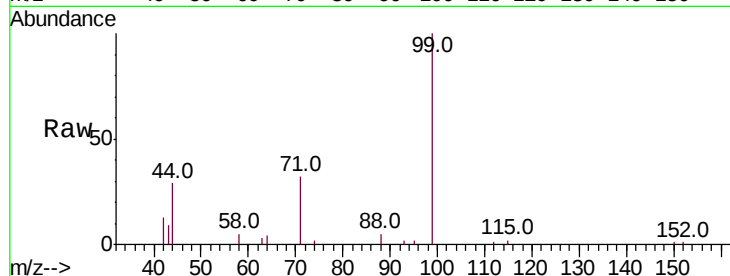
Tot Ion: 99 Resp: 15110

Ion Ratio Lower Upper

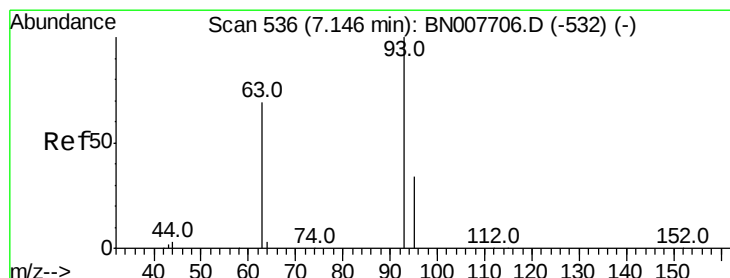
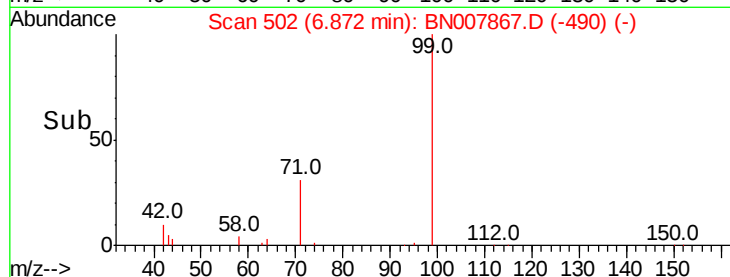
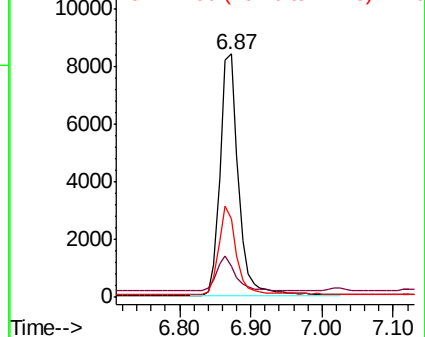
99 100

42 14.3 12.8 19.2

71 34.9 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: 0.472 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

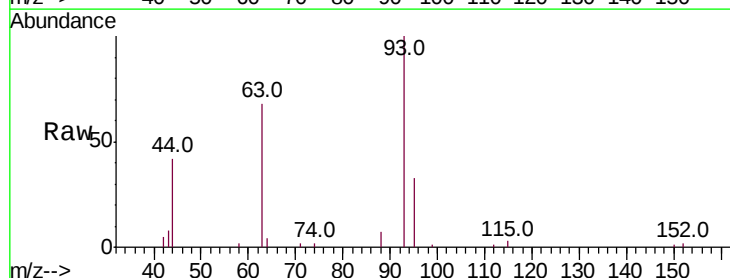
Tgt Ion: 93 Resp: 12219

Ion Ratio Lower Upper

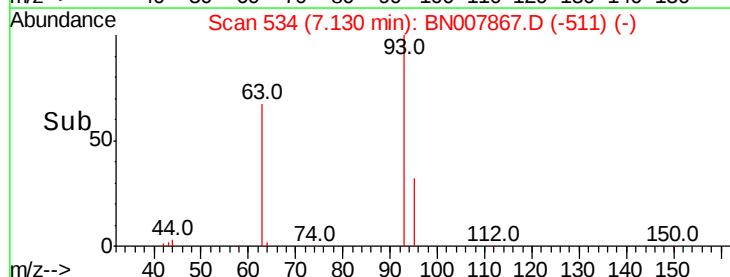
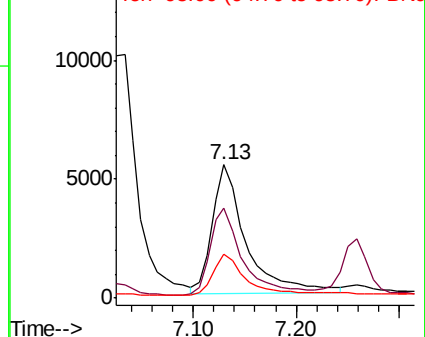
93 100

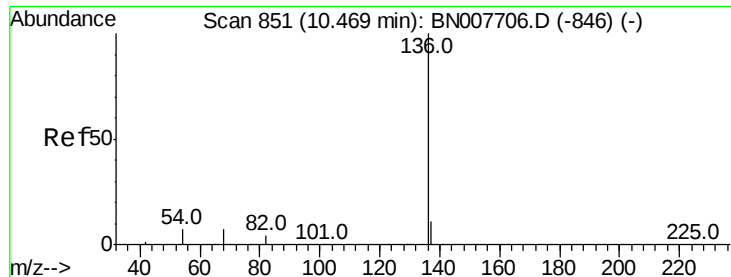
63 65.7 59.3 88.9

95 33.1 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: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 35853

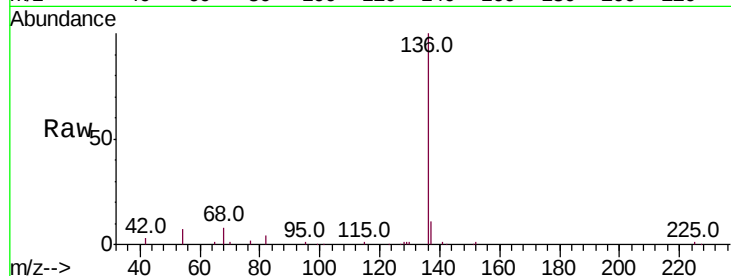
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.1 5.8 8.8

68 7.6 6.5 9.7

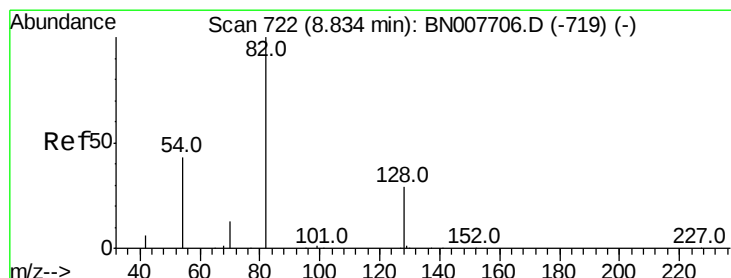
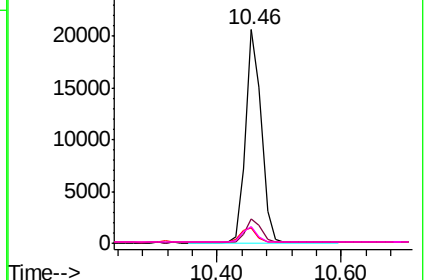
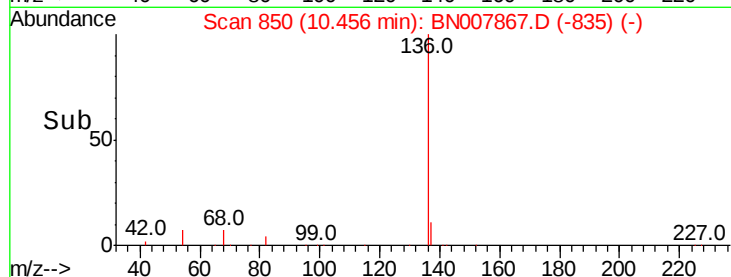


Abundance Ion 136.00 (135.70 to 136.70): E

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: BN007867.D

Acq: 25 Sep 2019 23:04

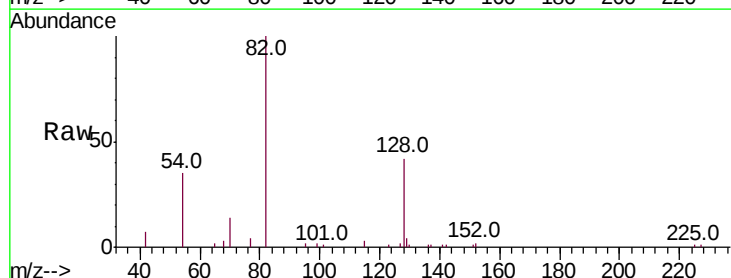
Tgt Ion: 82 Resp: 13369

Ion Ratio Lower Upper

82 100

128 41.9 24.5 36.7#

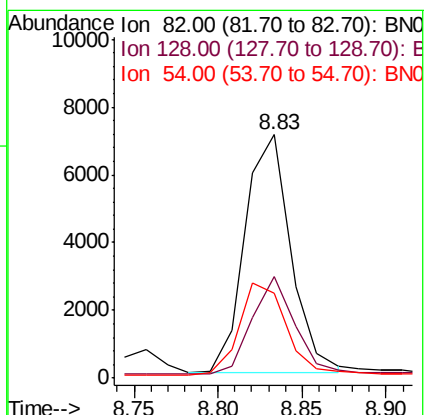
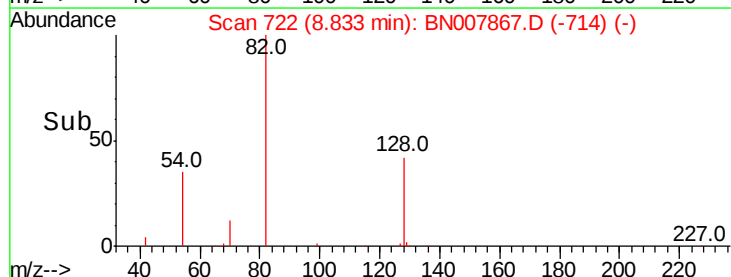
54 35.0 35.2 52.8#

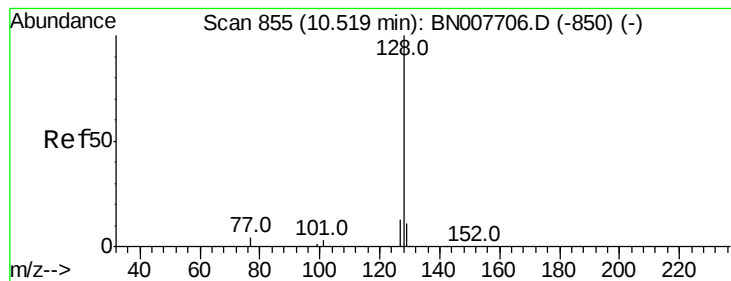


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.427 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

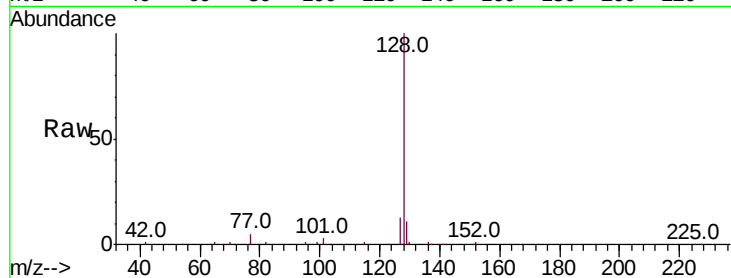
Tot Ion:128 Resp: 42915

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

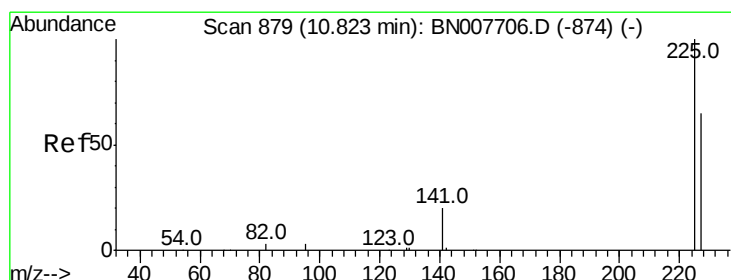
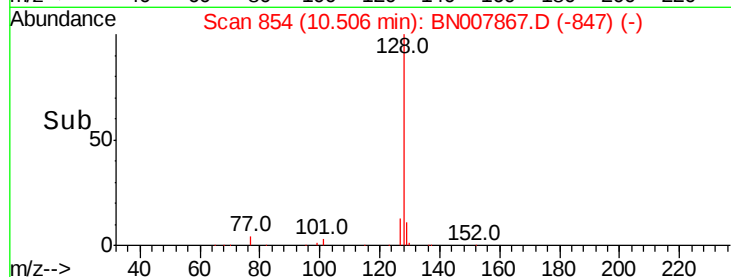
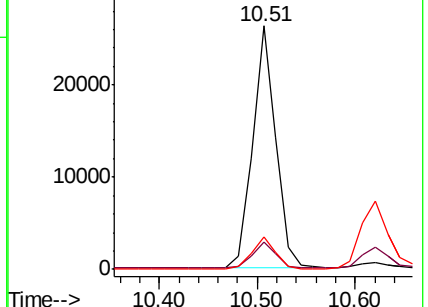
127 13.2 10.6 15.8



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: 0.446 ng

RT: 10.81 min Scan# 878

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

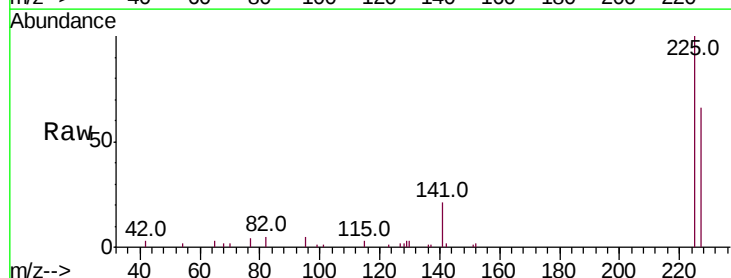
Tgt Ion:225 Resp: 9458

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

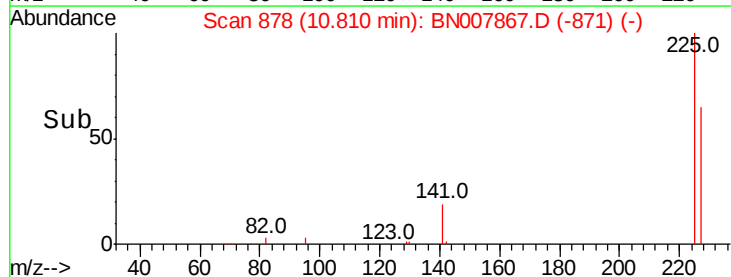
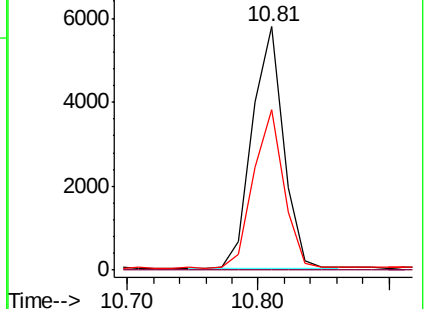
227 63.9 51.2 76.8

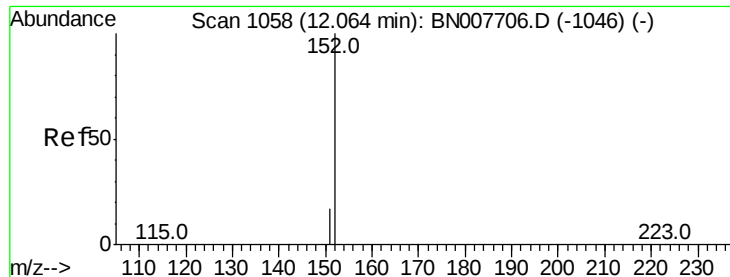


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

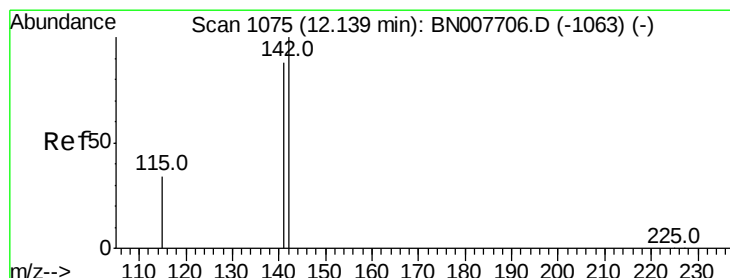
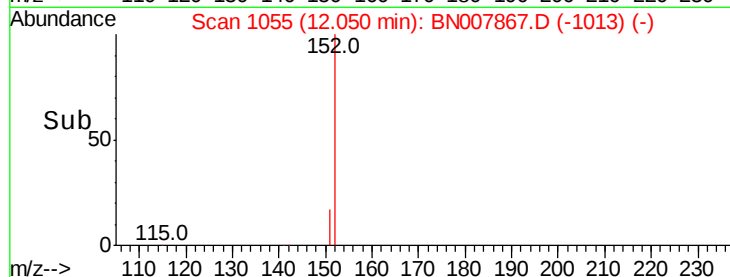
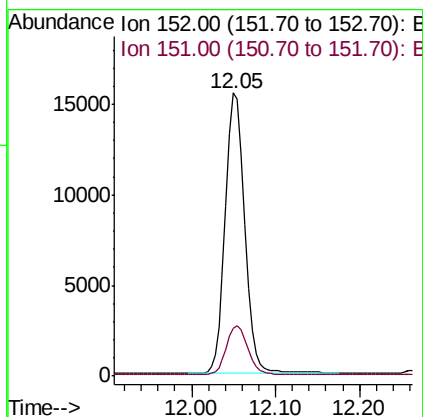
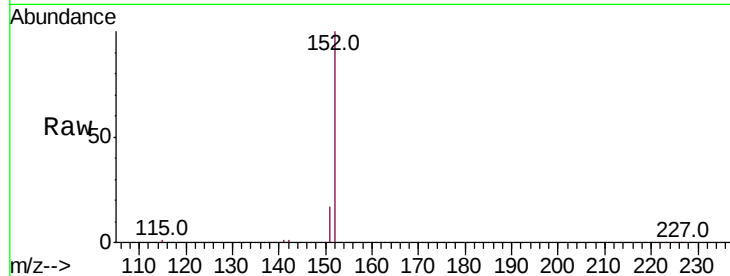




#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN007867.D
 Acq: 25 Sep 2019 23:04

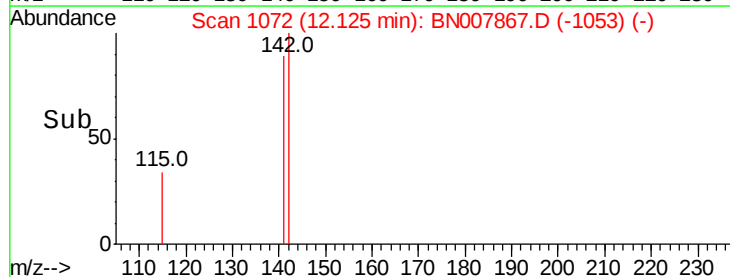
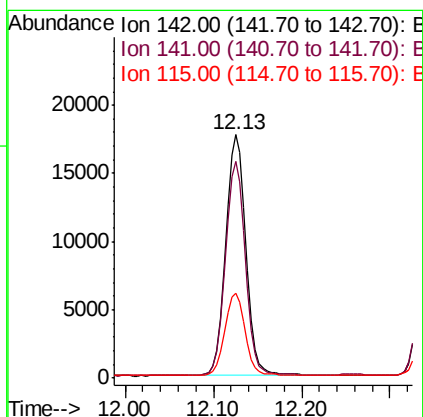
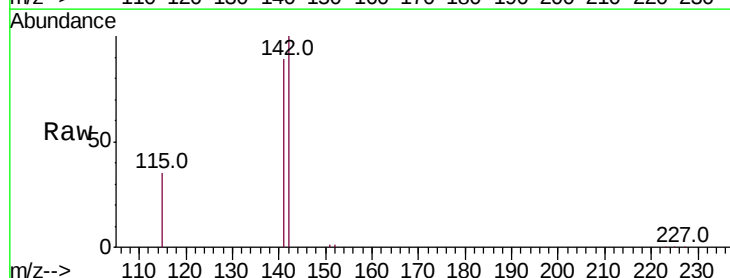
Instrument :
 BNA_N
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 SSTDCCC0.4EC

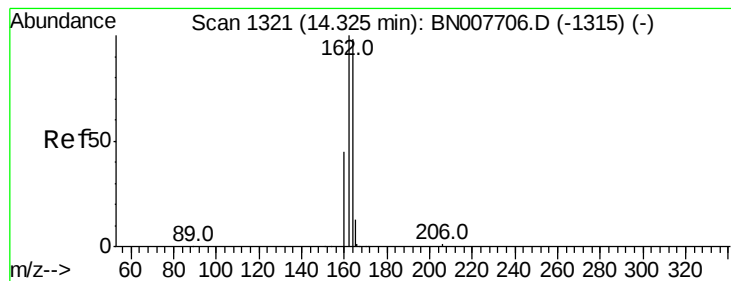
Tot Ion:152 Resp: 25054
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.418 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007867.D
 Acq: 25 Sep 2019 23:04

Tgt Ion:142 Resp: 28453
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.6 106.0
 115 34.8 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: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

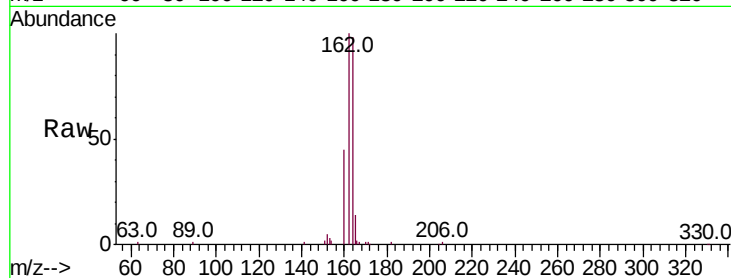
Tot Ion:164 Resp: 19981

Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

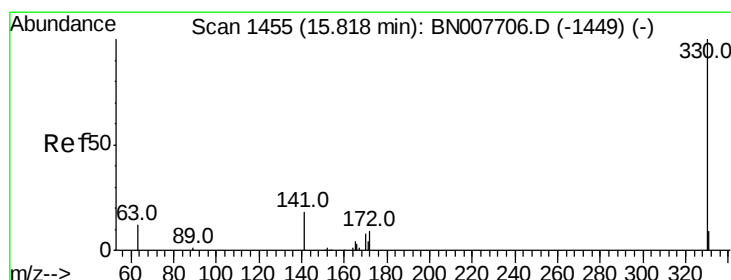
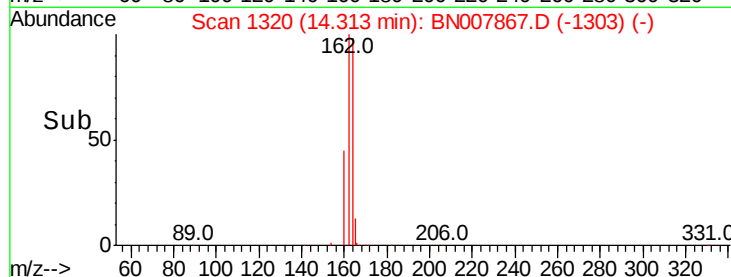
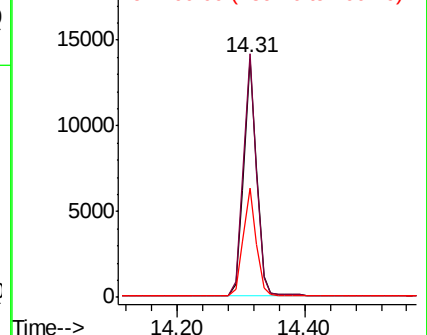
160 45.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.305 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

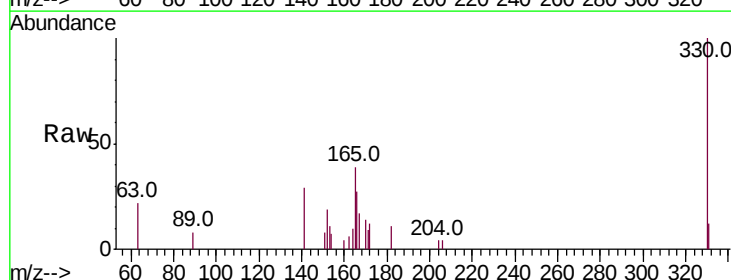
Tgt Ion:330 Resp: 3314

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

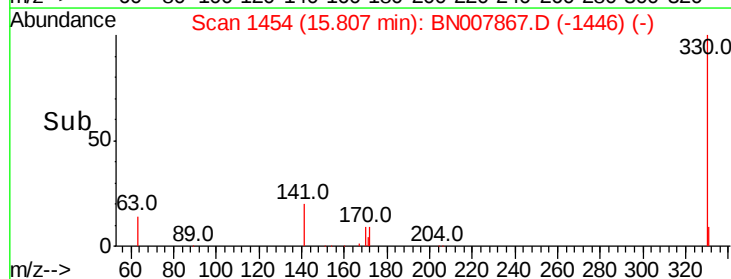
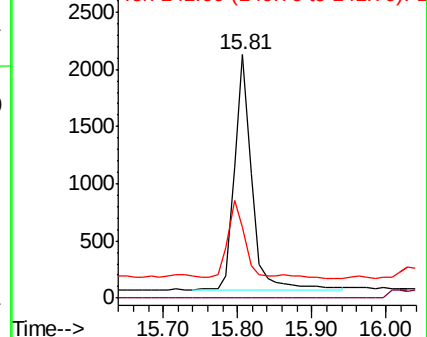
141 31.1 28.7 43.1



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

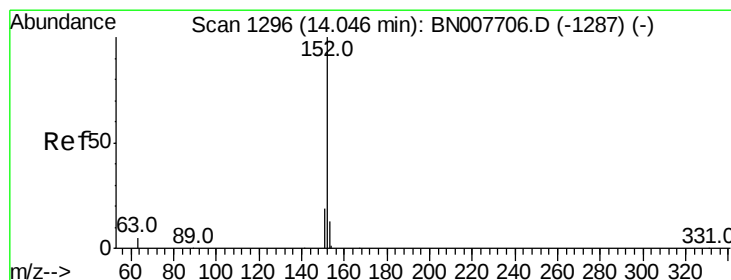
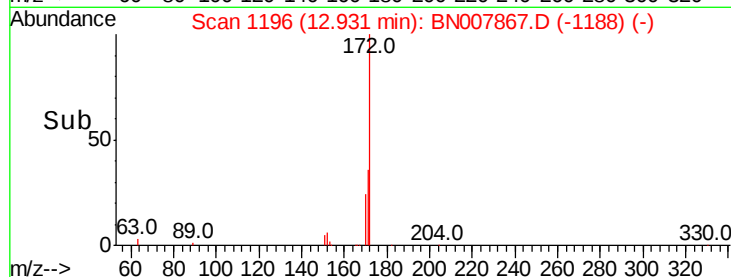
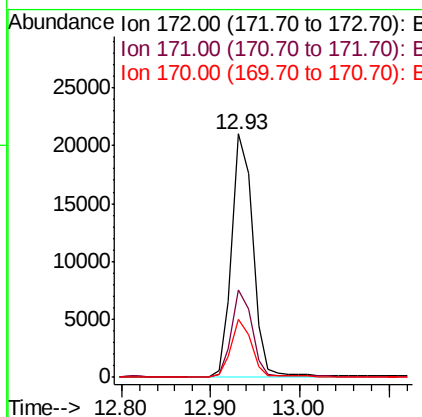
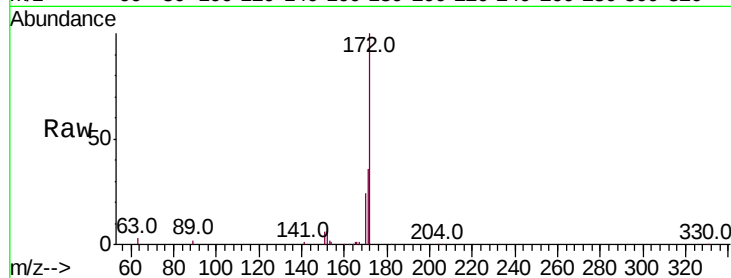




#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007867.D
Acq: 25 Sep 2019 23:04

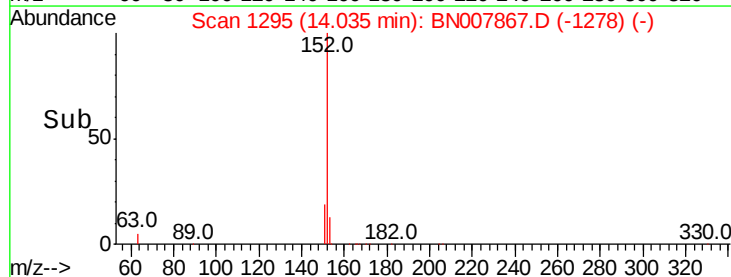
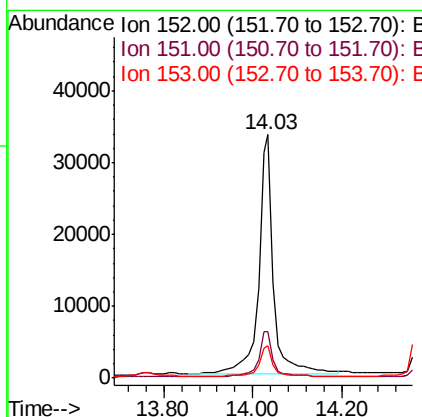
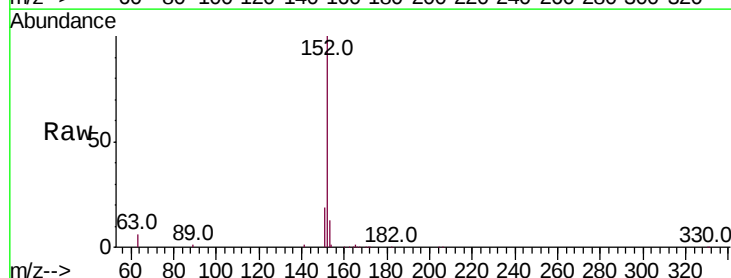
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

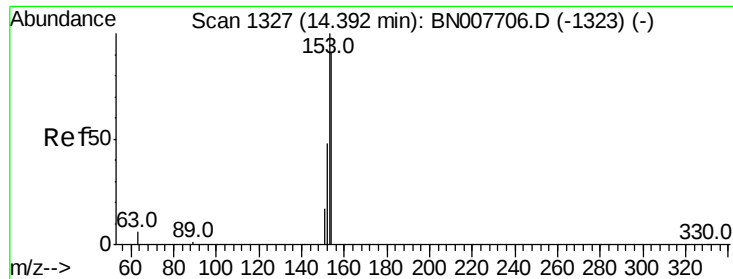
Tot Ion:172 Resp: 34521
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.9 19.5 29.3



#16
Acenaphthylene
Concen: 0.738 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007867.D
Acq: 25 Sep 2019 23:04

Tgt Ion:152 Resp: 78246
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 12.1 10.4 15.6





#17

Acenaphthene

Concen: 0.420 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

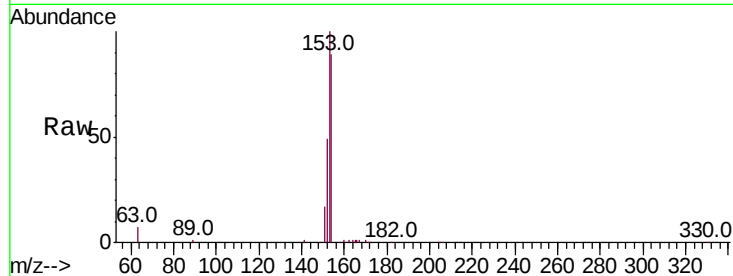
Tot Ion:154 Resp: 28676

Ion Ratio Lower Upper

154 100

153 112.4 87.0 130.4

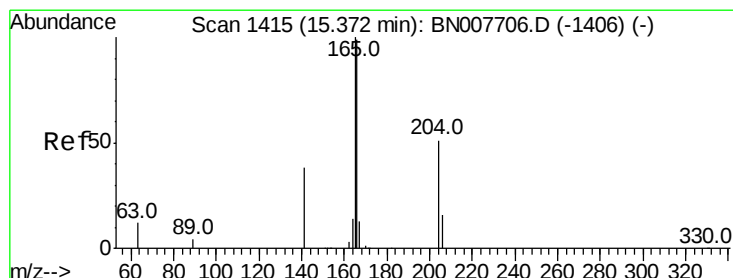
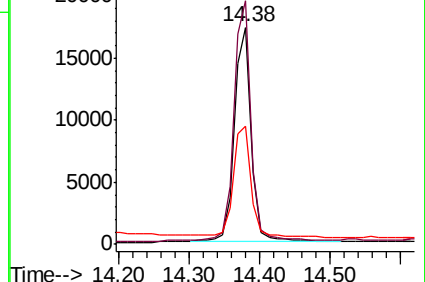
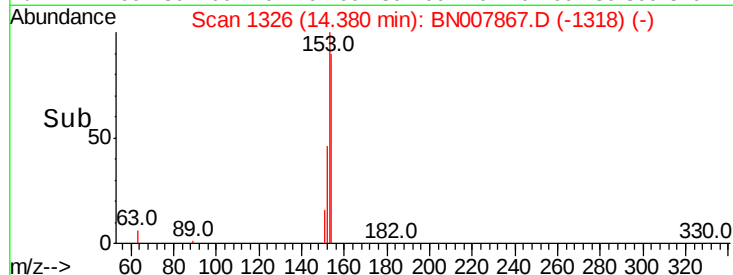
152 56.1 42.7 64.1



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: 0.434 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

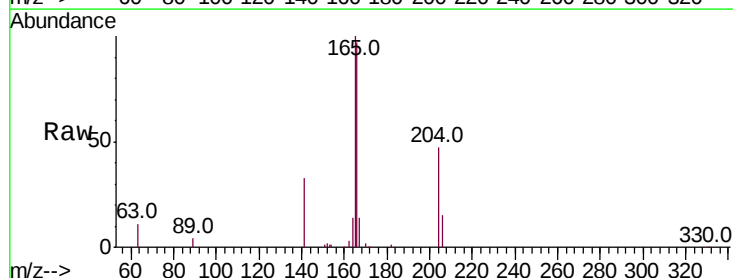
Tgt Ion:166 Resp: 38028

Ion Ratio Lower Upper

166 100

165 105.7 78.0 117.0

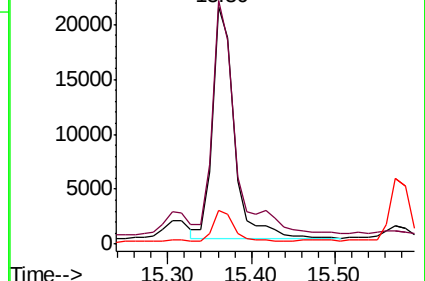
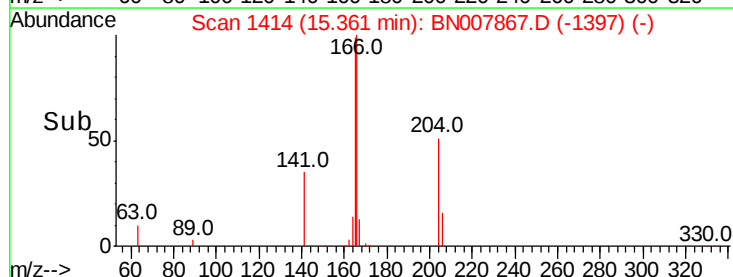
167 12.7 10.9 16.3

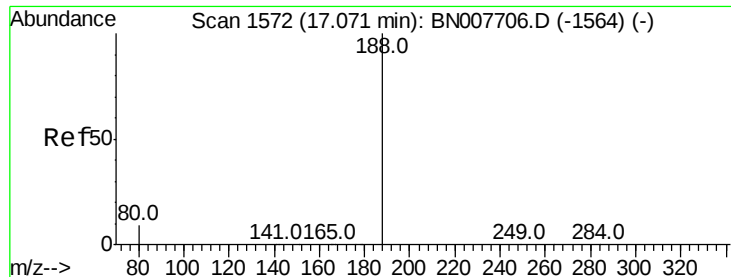


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

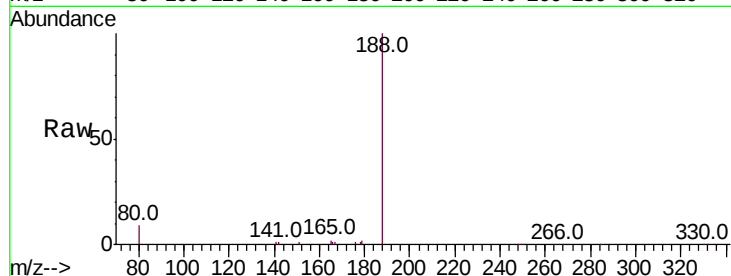
Tot Ion:188 Resp: 37228

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

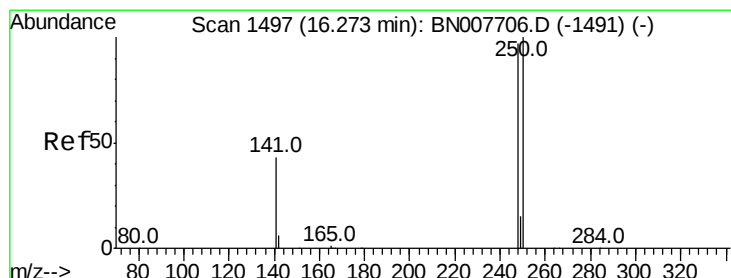
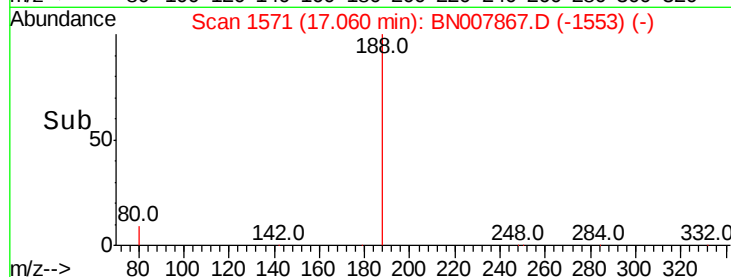
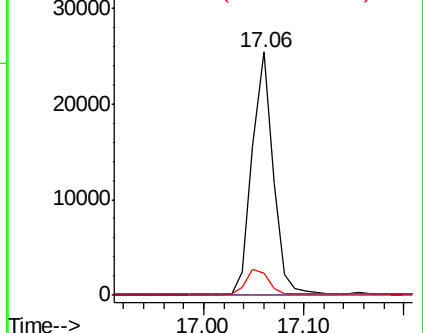
80 9.2 7.4 11.2



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: 0.462 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

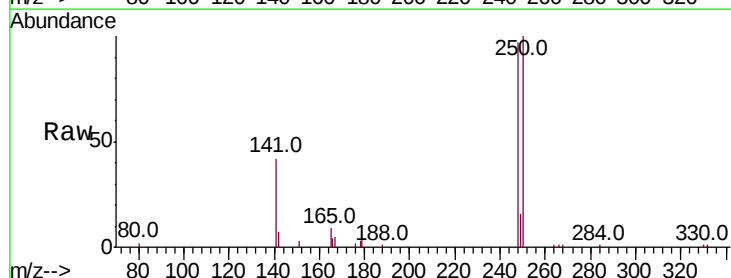
Tgt Ion:248 Resp: 10443

Ion Ratio Lower Upper

248 100

250 102.8 82.2 123.4

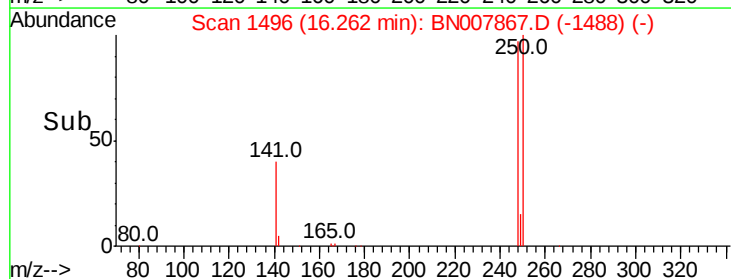
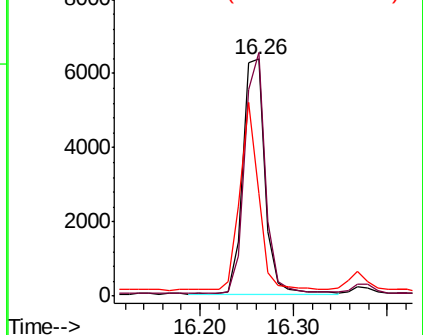
141 43.2 36.3 54.5

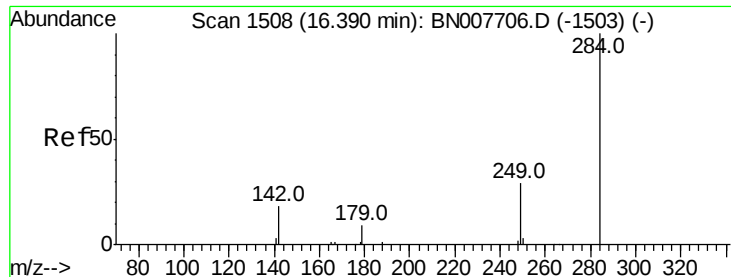


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.451 ng

RT: 16.38 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

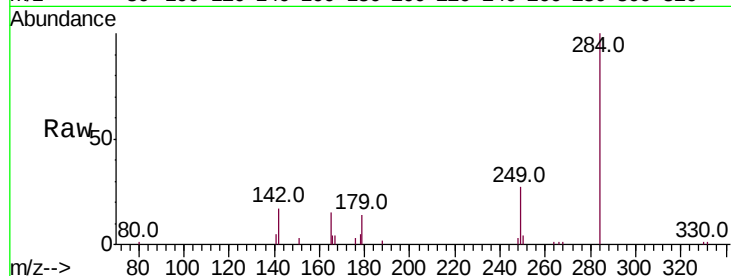
Tot Ion:284 Resp: 11140

Ion Ratio Lower Upper

284 100

142 31.4 25.8 38.6

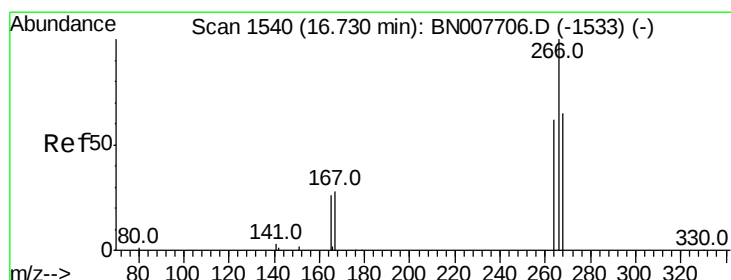
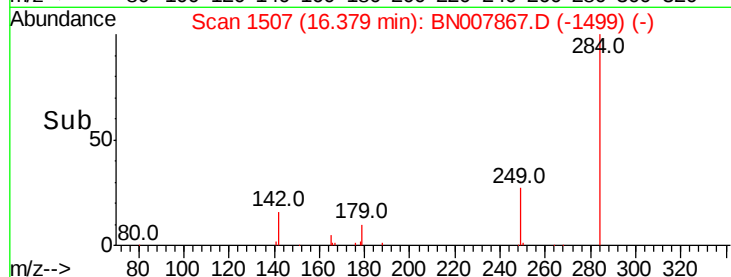
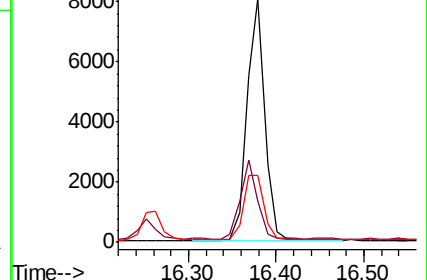
249 31.2 25.9 38.9



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: 0.404 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

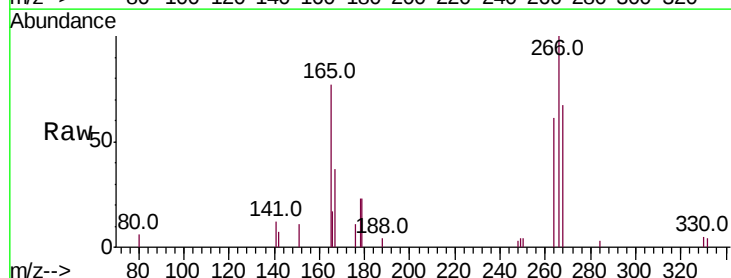
Tgt Ion:266 Resp: 3682

Ion Ratio Lower Upper

266 100

264 61.3 50.0 75.0

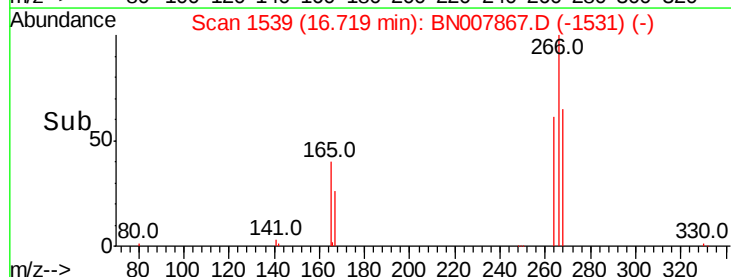
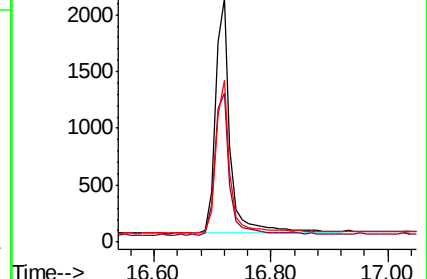
268 66.7 54.2 81.4

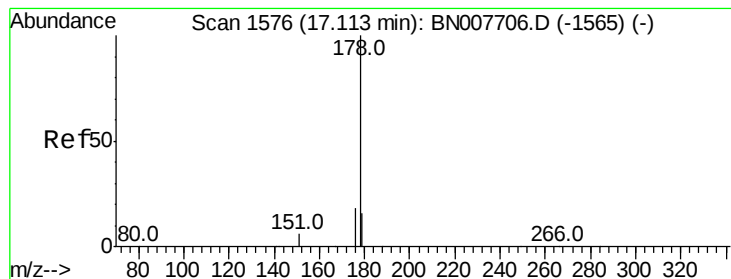


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.427 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

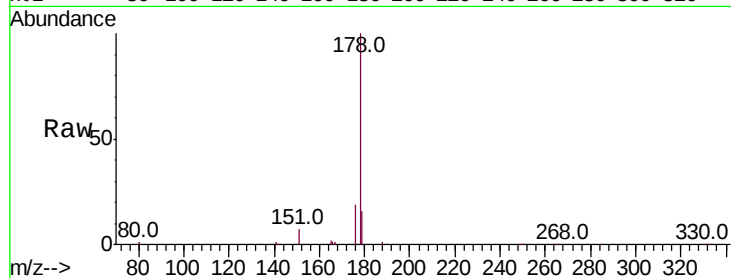
Tot Ion:178 Resp: 49529

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

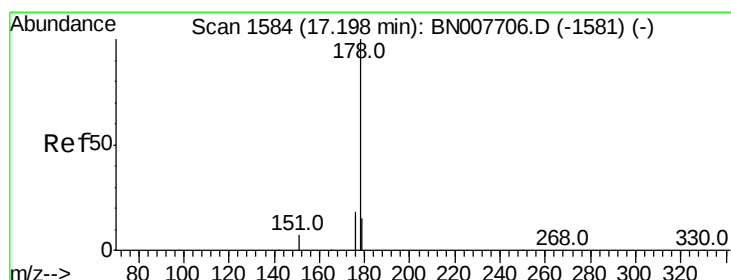
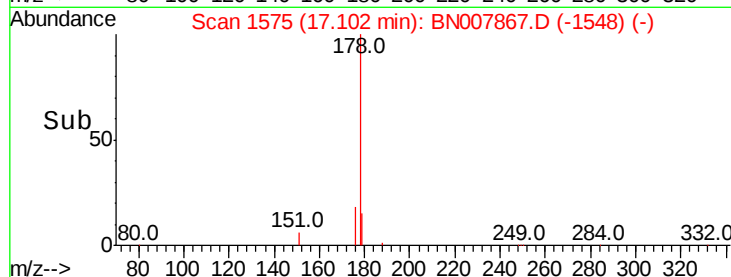
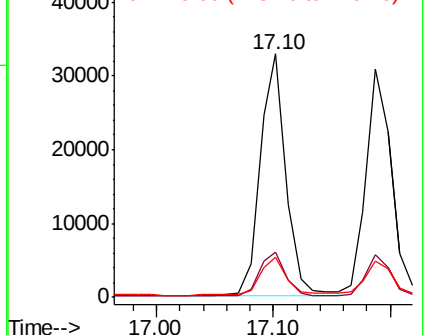
179 16.2 12.5 18.7



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: 0.450 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

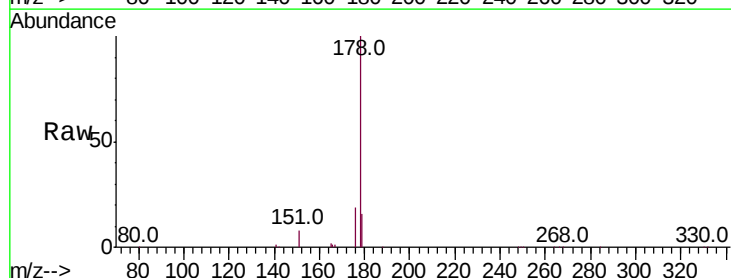
Tgt Ion:178 Resp: 47182

Ion Ratio Lower Upper

178 100

176 17.7 14.6 21.8

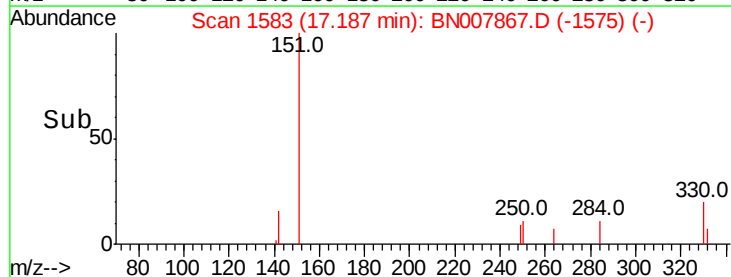
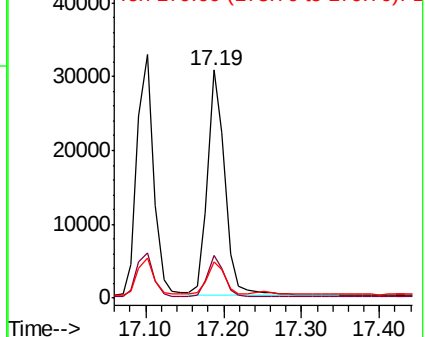
179 14.1 12.2 18.4

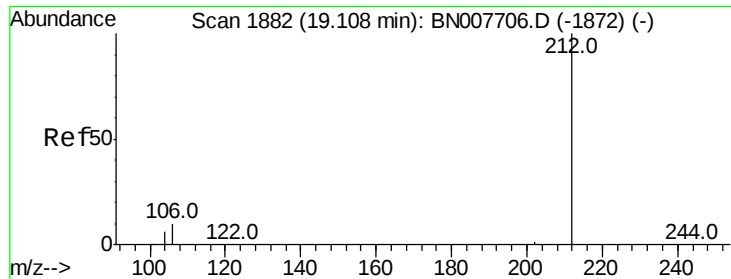


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

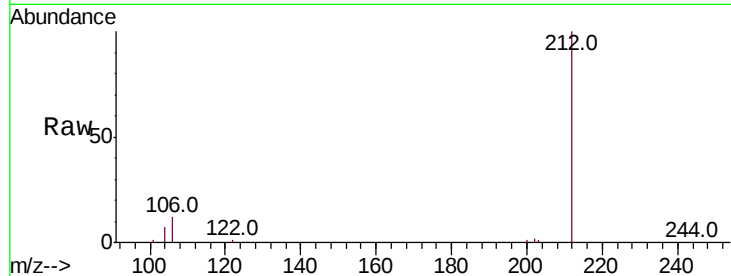
Tot Ion:212 Resp: 47981

Ion Ratio Lower Upper

212 100

106 11.6 9.4 14.0

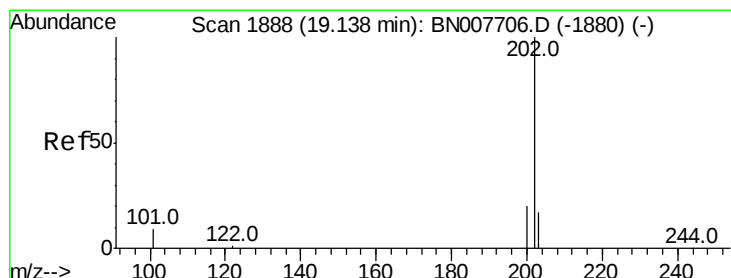
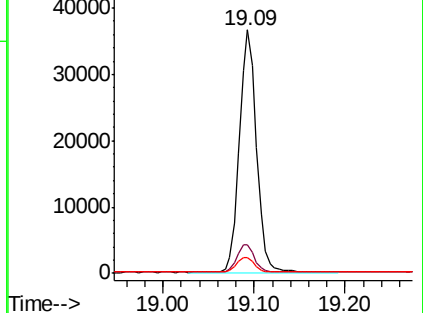
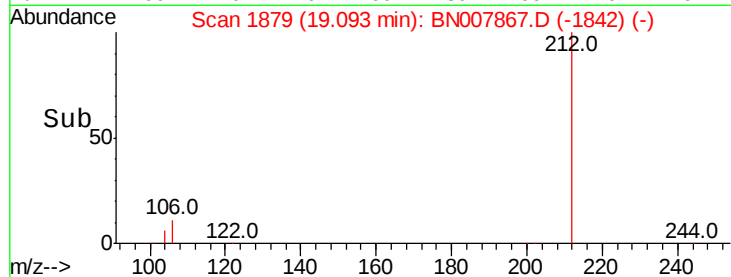
104 6.4 5.3 7.9



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: 0.385 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

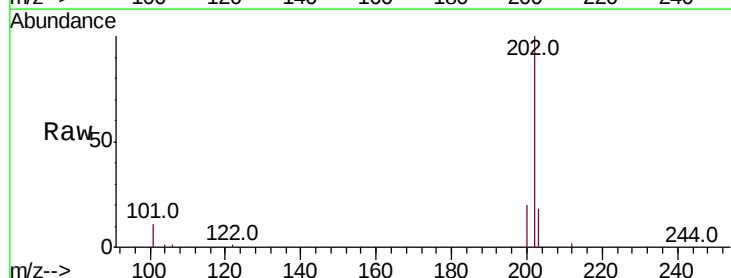
Tgt Ion:202 Resp: 55463

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

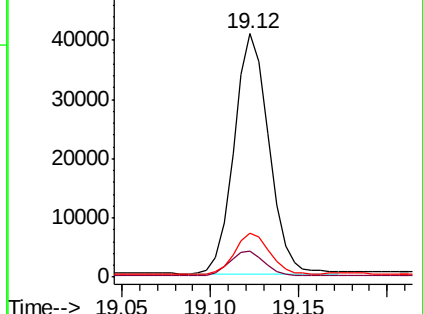
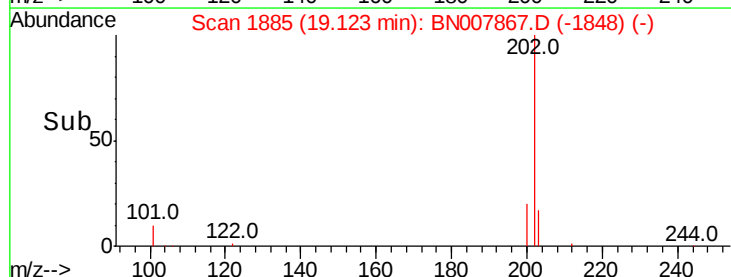
203 17.2 13.8 20.8



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: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

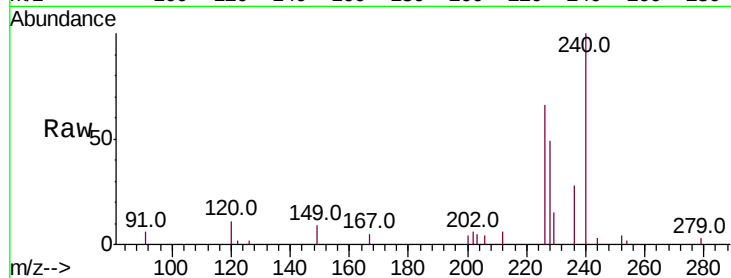
Tot Ion:240 Resp: 35851

Ion Ratio Lower Upper

240 100

120 11.3 5.4 8.2#

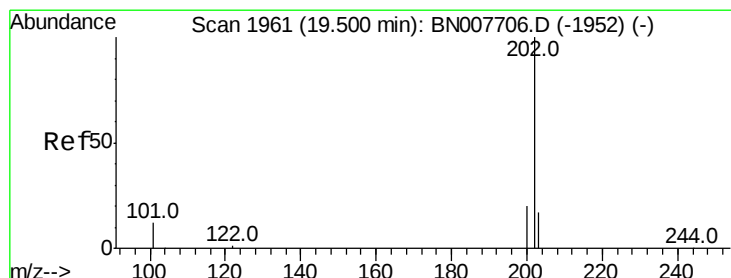
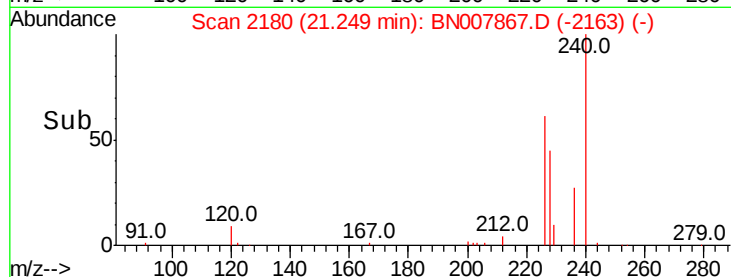
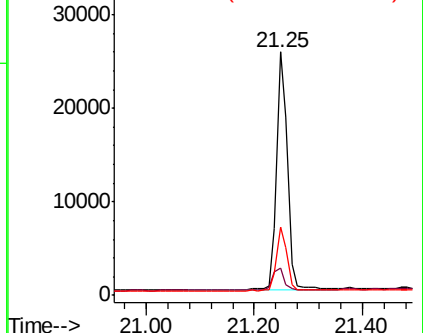
236 27.8 21.0 31.4



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: 0.070 ng

RT: 19.39 min Scan# 1939

Delta R.T. -0.11 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

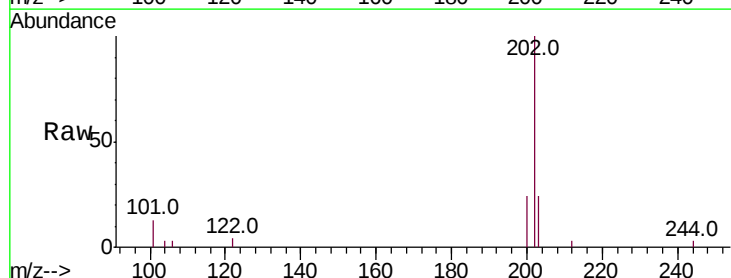
Tgt Ion:202 Resp: 8587

Ion Ratio Lower Upper

202 100

200 22.1 16.4 24.6

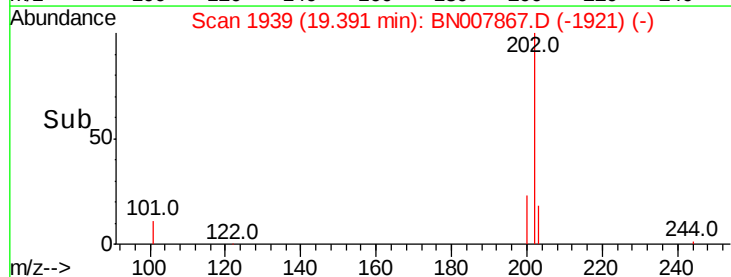
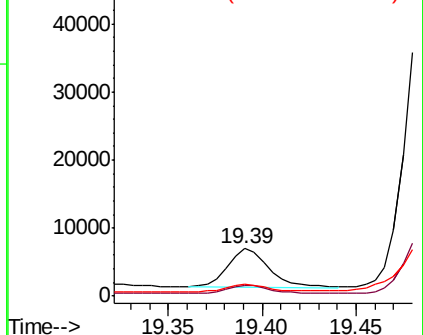
203 20.6 14.1 21.1

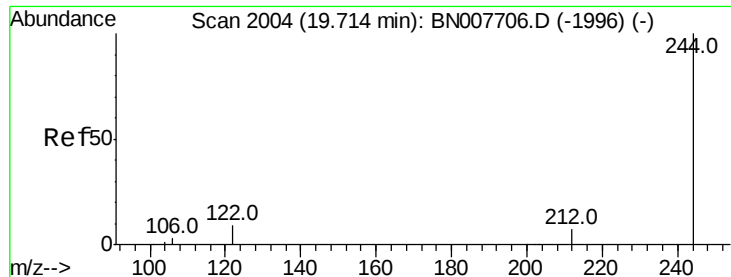


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

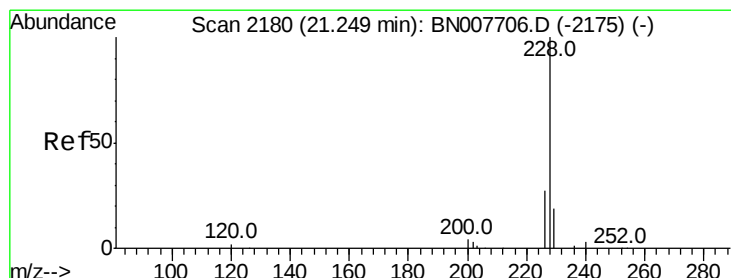
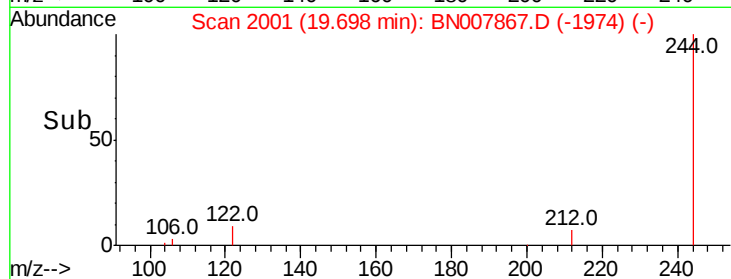
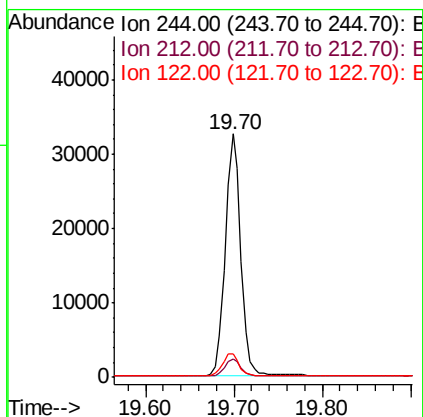
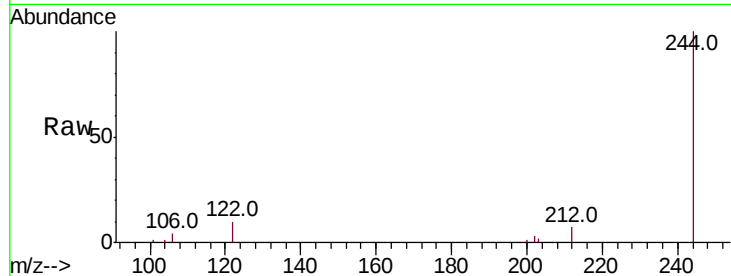




#29
 Terphenyl-d14
 Concen: 0.452 ng
 RT: 19.70 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BN007867.D
 Acq: 25 Sep 2019 23:04

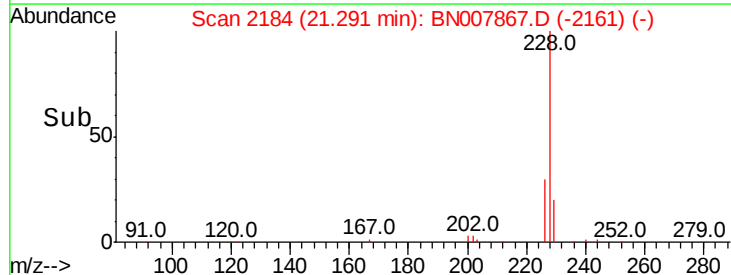
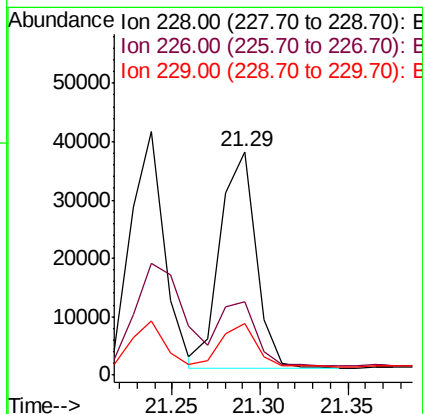
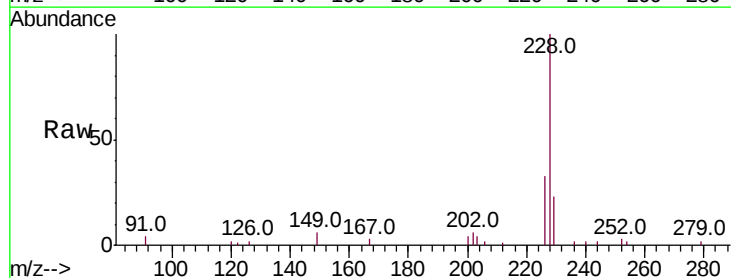
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

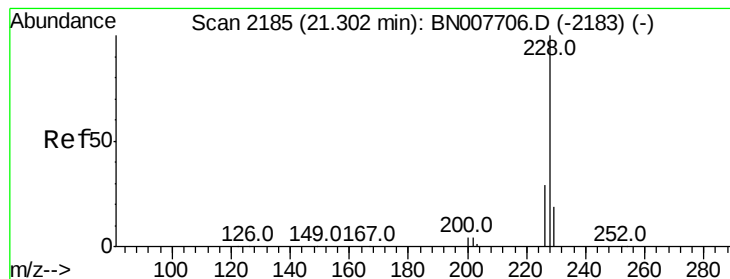
Tot Ion:244 Resp: 39808
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.8 7.4 11.2



#30
 Benzo(a)anthracene
 Concen: 0.396 ng
 RT: 21.29 min Scan# 2184
 Delta R.T. 0.04 min
 Lab File: BN007867.D
 Acq: 25 Sep 2019 23:04

Tgt Ion:228 Resp: 52295
 Ion Ratio Lower Upper
 228 100
 226 32.8 22.1 33.1
 229 23.0 15.8 23.6





#31

Chrysene

Concen: 0.405 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

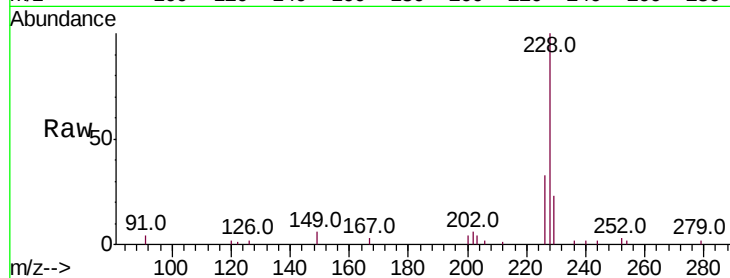
Tot Ion:228 Resp: 52053

Ion Ratio Lower Upper

228 100

226 32.8 23.9 35.9

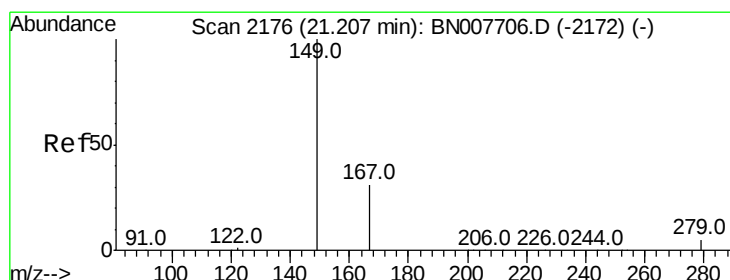
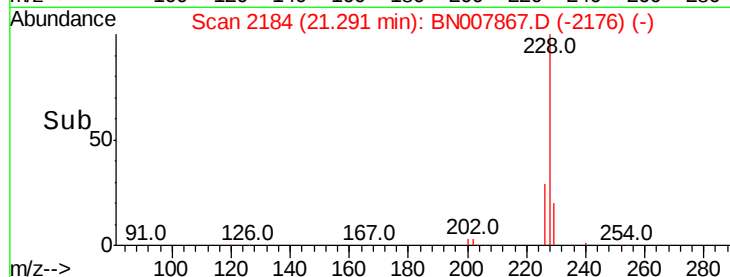
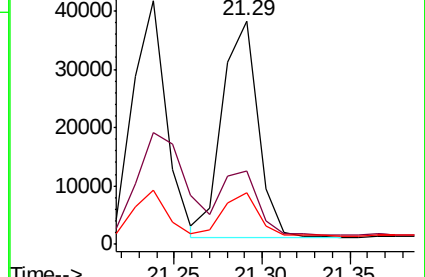
229 23.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.519 ng

RT: 21.18 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

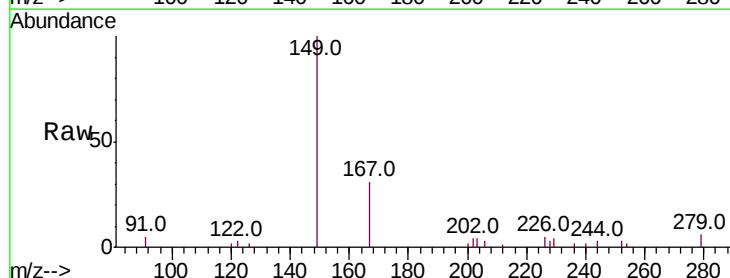
Tgt Ion:149 Resp: 35245

Ion Ratio Lower Upper

149 100

167 27.0 23.7 35.5

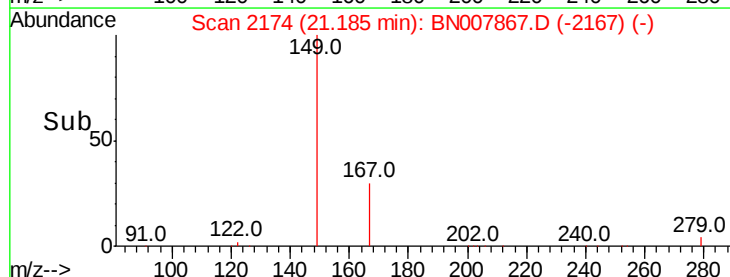
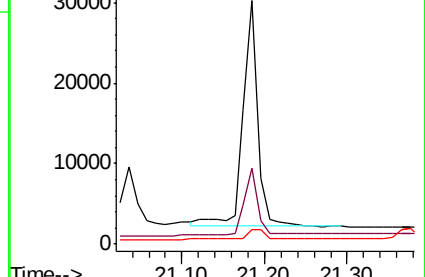
279 5.0 4.2 6.2

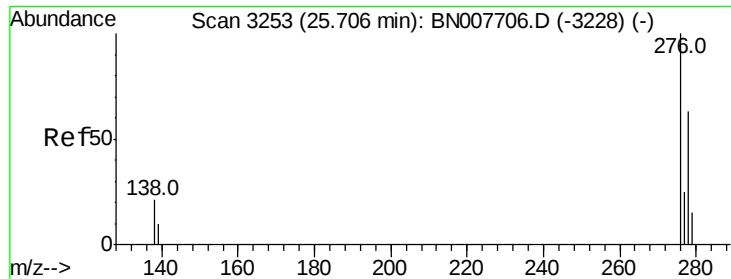


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

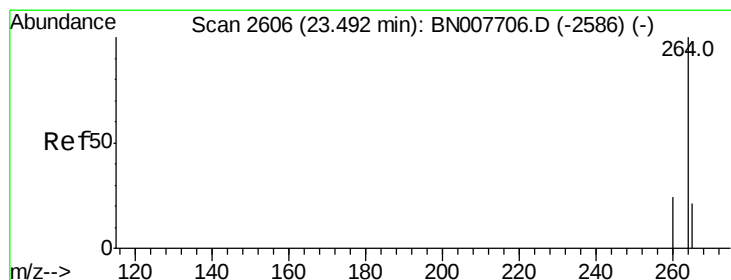
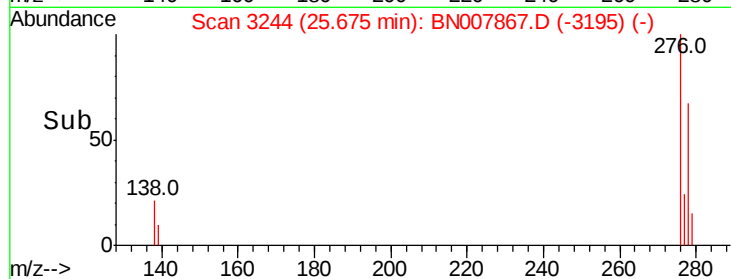
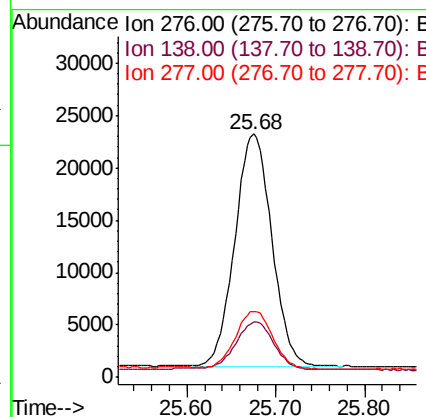
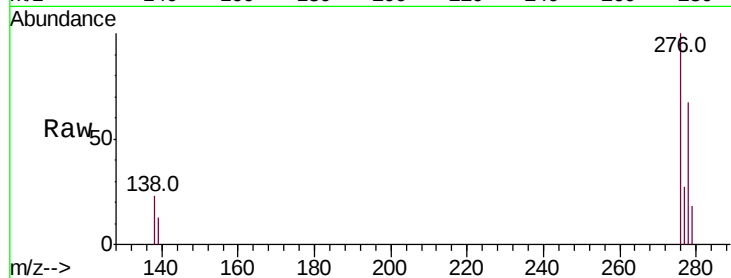




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.397 ng
 RT: 25.68 min Scan# 3244
 Delta R.T. -0.03 min
 Lab File: BN007867.D
 Acq: 25 Sep 2019 23:04

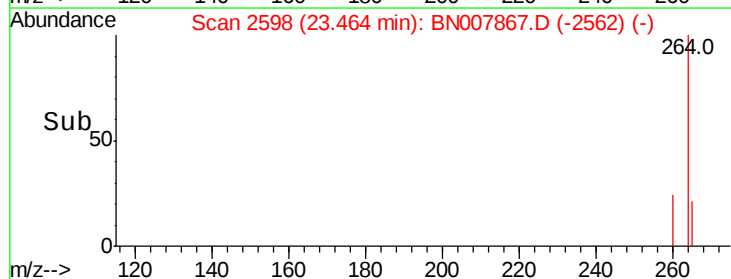
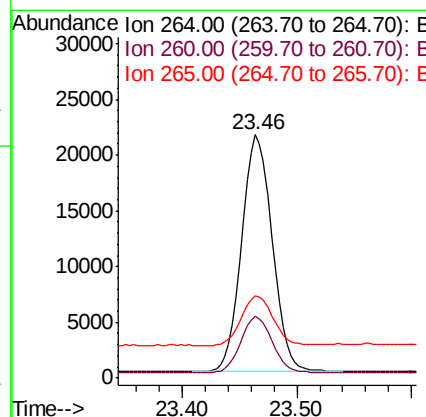
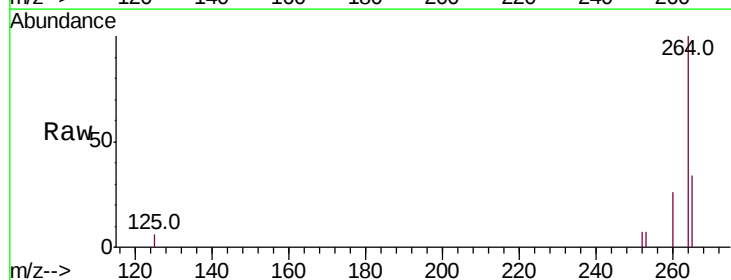
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

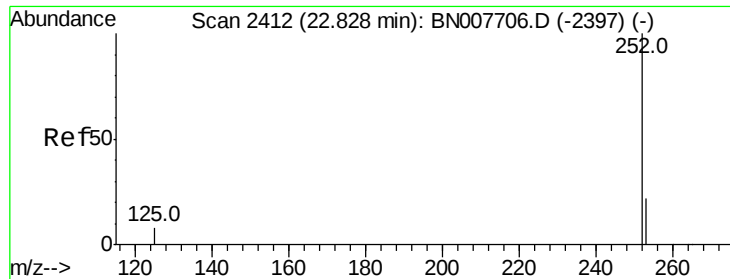
Tot Ion:276 Resp: 63969
 Ion Ratio Lower Upper
 276 100
 138 21.7 17.1 25.7
 277 25.3 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2598
 Delta R.T. -0.03 min
 Lab File: BN007867.D
 Acq: 25 Sep 2019 23:04

Tgt Ion:264 Resp: 39244
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.3 28.9
 265 34.0 26.9 40.3





#35

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 22.80 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

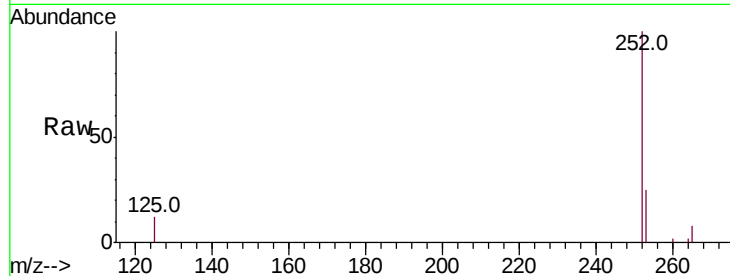
Tot Ion:252 Resp: 56039

Ion Ratio Lower Upper

252 100

253 25.0 18.3 27.5

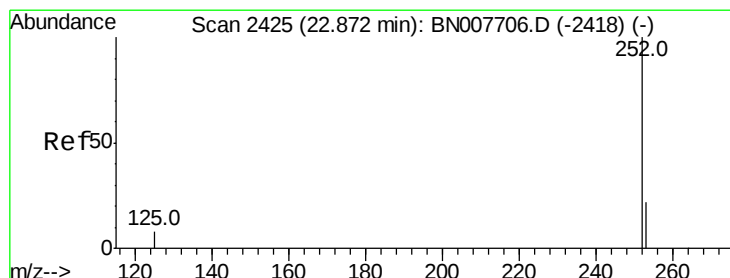
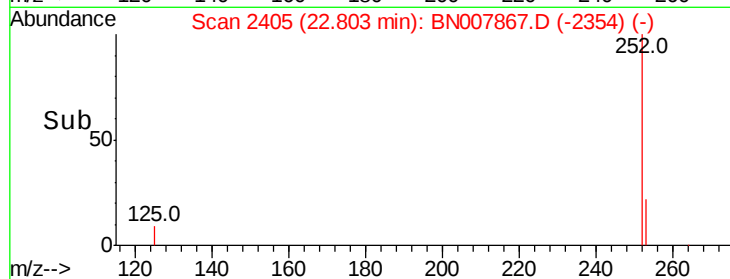
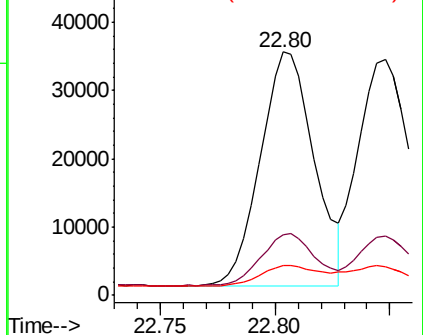
125 12.0 8.2 12.4



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: 0.397 ng

RT: 22.85 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

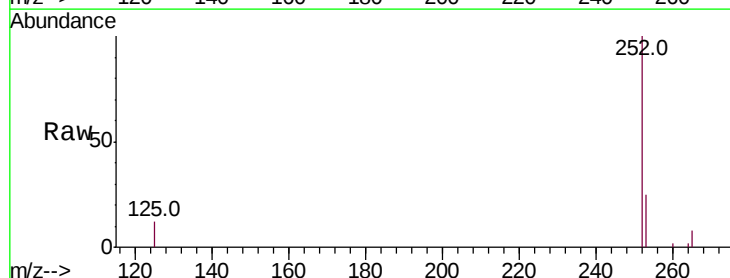
Tgt Ion:252 Resp: 53434

Ion Ratio Lower Upper

252 100

253 25.0 18.5 27.7

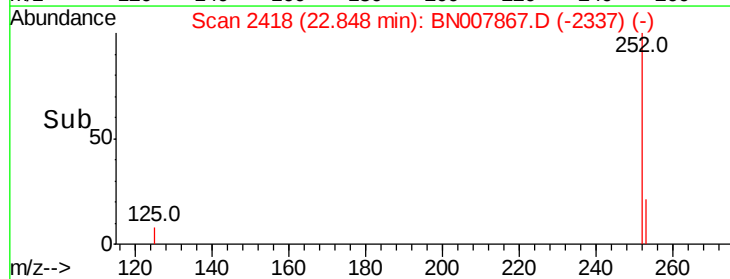
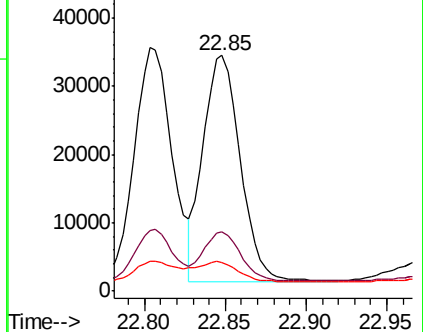
125 12.1 8.4 12.6

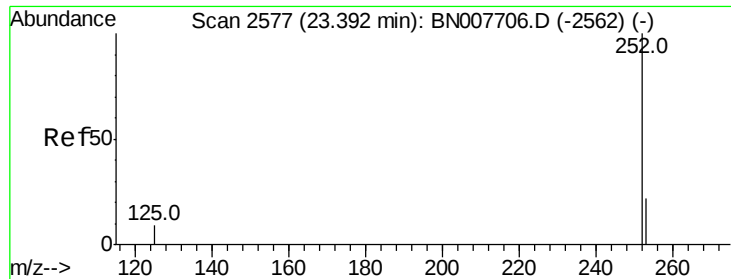


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.414 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

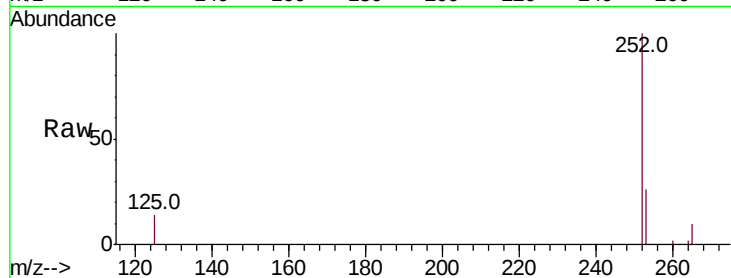
Tot Ion:252 Resp: 53058

Ion Ratio Lower Upper

252 100

253 25.6 18.6 27.8

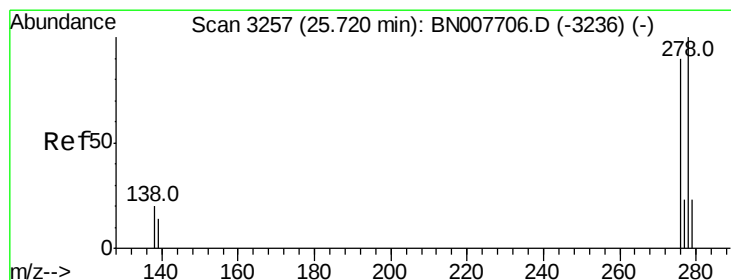
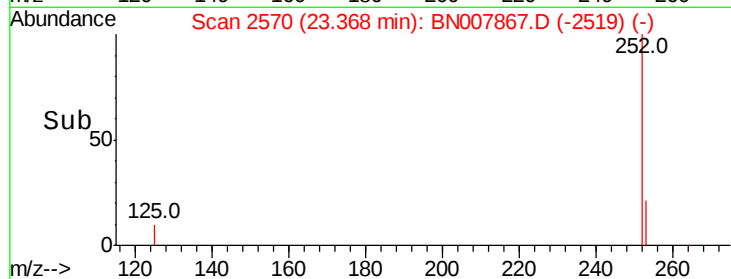
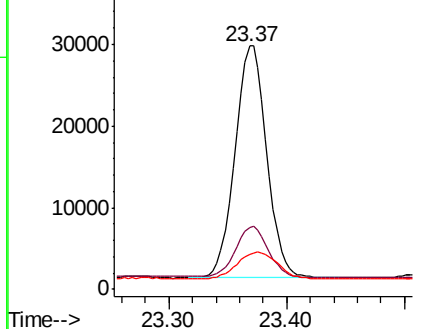
125 14.4 9.4 14.0#



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# 3248

Delta R.T. -0.03 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

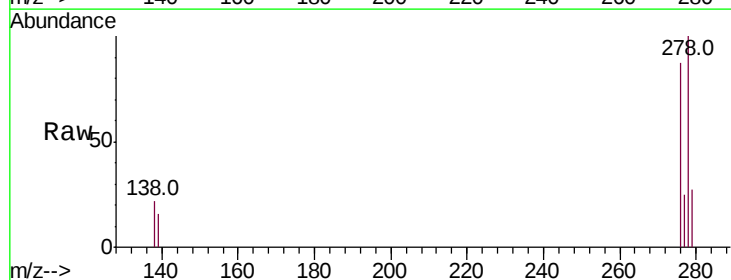
Tgt Ion:278 Resp: 51650

Ion Ratio Lower Upper

278 100

139 16.2 11.8 17.6

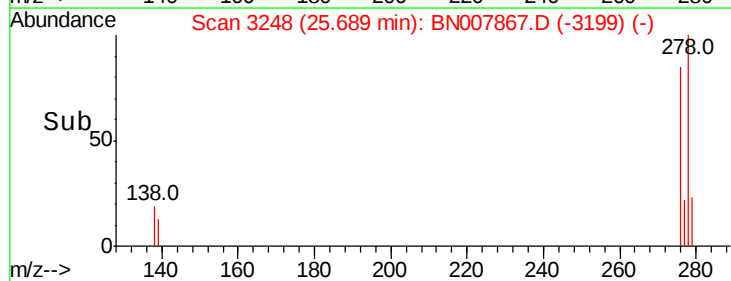
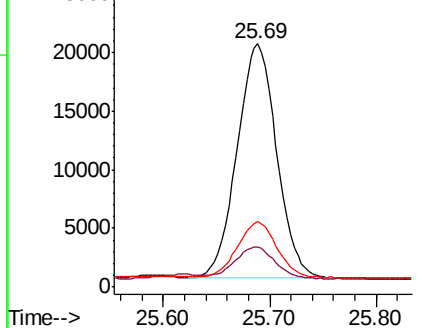
279 26.7 19.4 29.2

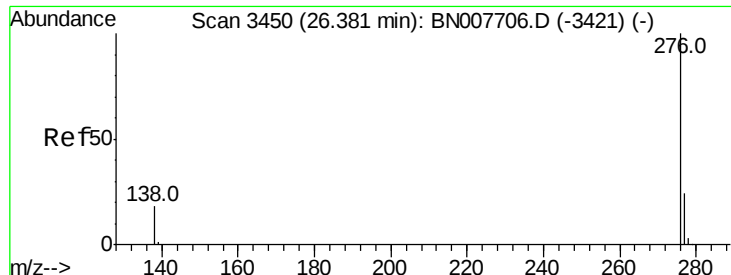


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.435 ng

RT: 26.34 min Scan# 3439

Delta R.T. -0.04 min

Lab File: BN007867.D

Acq: 25 Sep 2019 23:04

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

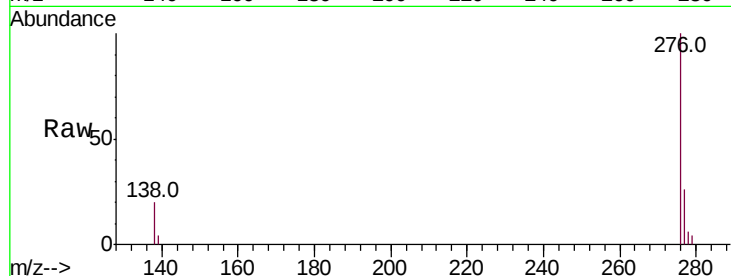
Tot Ion:276 Resp: 56400

Ion Ratio Lower Upper

276 100

277 26.5 19.8 29.8

138 20.3 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

