

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006705.D
 Acq On : 05 Jul 2019 09:03
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 05 10:44:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2676	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	10739	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	6734	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	16222	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	16354	0.40	ng	-0.02
34) Perylene-d12	23.47	264	19285	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2636	0.36	ng	-0.02
5) Phenol-d6	6.81	99	3366	0.37	ng	-0.02
8) Nitrobenzene-d5	8.77	82	2920	0.35	ng	-0.03
11) 2-Methylnaphthalene-d10	11.97	152	6554	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1418	0.43	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	9412	0.36	ng	-0.02
25) Fluoranthene-d10	19.06	212	19432	0.42	ng	-0.02
29) Terphenyl-d14	19.66	244	14358	0.38	ng	-0.02

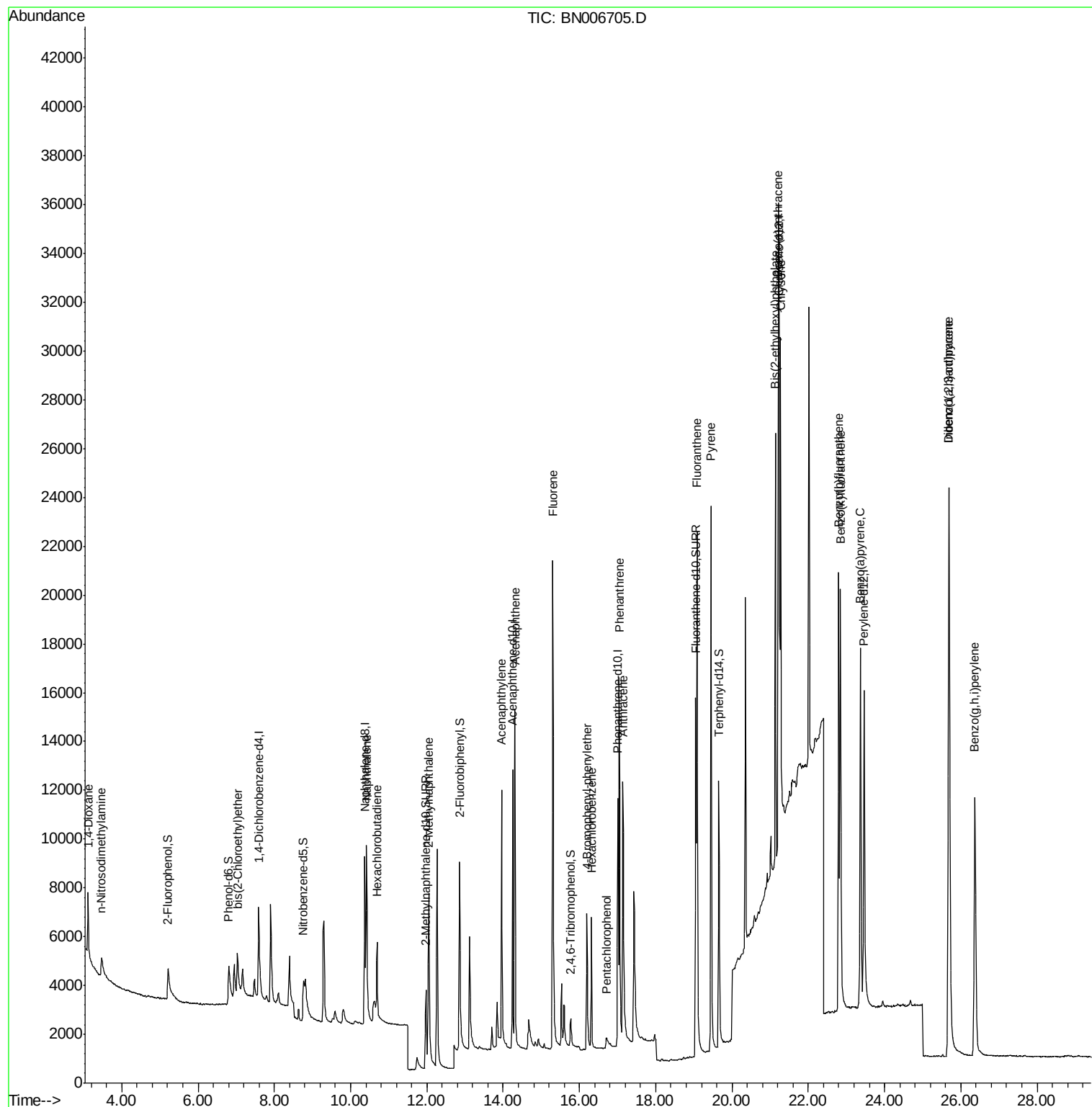
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	1785	0.427	ng	99
3) n-Nitrosodimethylamine	3.47	42	1193	0.378	ng	# 85
6) bis(2-Chloroethyl)ether	7.03	93	3467	0.446	ng	# 83
9) Naphthalene	10.41	128	11566	0.394	ng	99
10) Hexachlorobutadiene	10.69	225	2446	0.411	ng	# 99
12) 2-Methylnaphthalene	12.05	142	7669	0.367	ng	98
16) Acenaphthylene	13.96	152	12847	0.383	ng	99
17) Acenaphthene	14.31	154	8287	0.387	ng	97
18) Fluorene	15.30	166	10635	0.400	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	3510	0.367	ng	98
21) Hexachlorobenzene	16.31	284	4474	0.393	ng	99
22) Pentachlorophenol	16.72	266	689	0.547	ng	94
23) Phenanthrene	17.05	178	17324	0.371	ng	100
24) Anthracene	17.14	178	15511	0.367	ng	100
26) Fluoranthene	19.09	202	22414	0.408	ng	100
28) Pyrene	19.45	202	23428	0.358	ng	99
30) Benzo(a)anthracene	21.22	228	20921	0.371	ng	98
31) Chrysene	21.28	228	22211	0.382	ng	97
32) Bis(2-ethylhexyl)phthalate	21.14	149	14070	0.084	ng	99
33) Indeno(1,2,3-cd)pyrene	25.69	276	28911	0.416	ng	98
35) Benzo(b)fluoranthene	22.80	252	22648	0.366	ng	99
36) Benzo(k)fluoranthene	22.85	252	25508	0.380	ng	99
37) Benzo(a)pyrene	23.37	252	22747	0.379	ng	99
38) Dibenzo(a,h)anthracene	25.69	278	22852	0.384	ng	98
39) Benzo(g,h,i)perylene	26.37	276	24023	0.392	ng	99

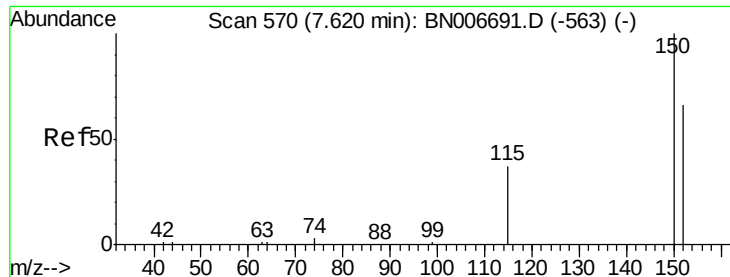
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
Data File : BN006705.D
Acq On : 05 Jul 2019 09:03
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 05 10:44:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.59 min Scan# 566

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

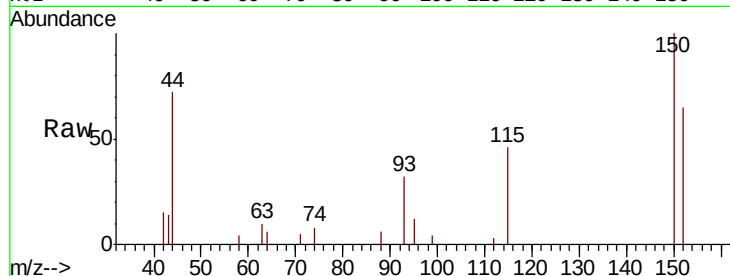
Tot Ion:152 Resp: 2676

Ion Ratio Lower Upper

152 100

150 154.5 120.6 181.0

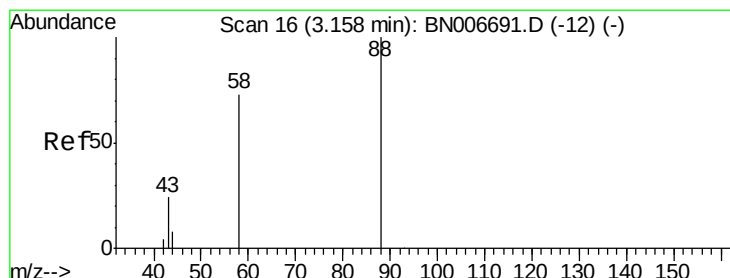
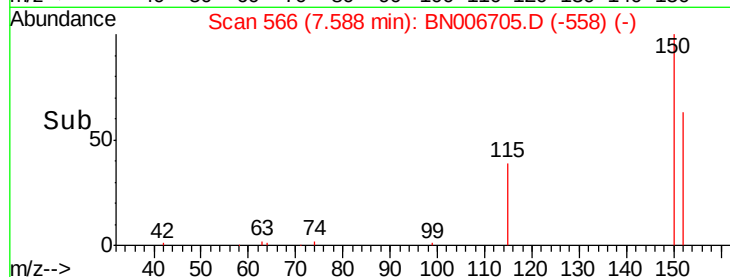
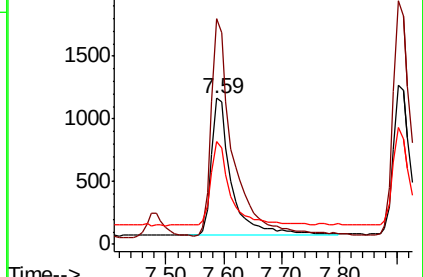
115 70.4 51.0 76.6



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: 0.427 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

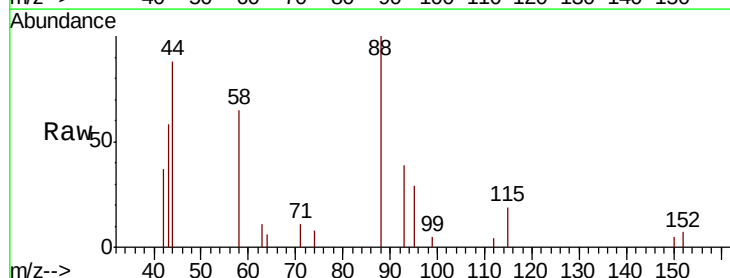
Tgt Ion: 88 Resp: 1785

Ion Ratio Lower Upper

88 100

58 74.8 61.1 91.7

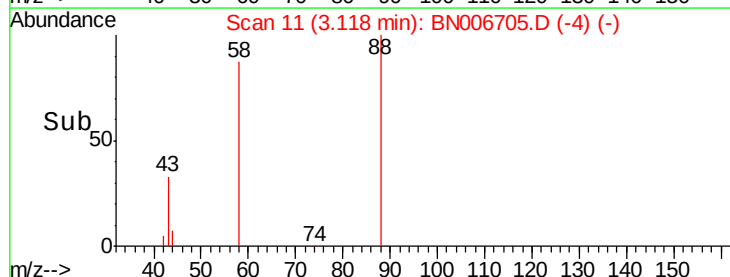
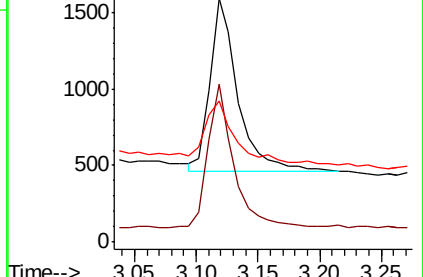
43 40.3 32.4 48.6

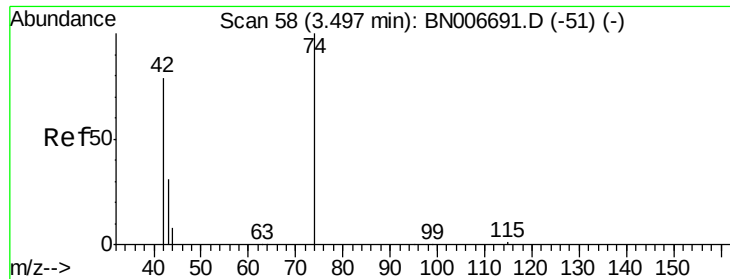


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



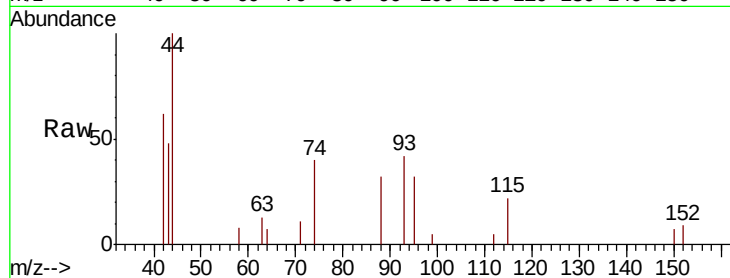


#3

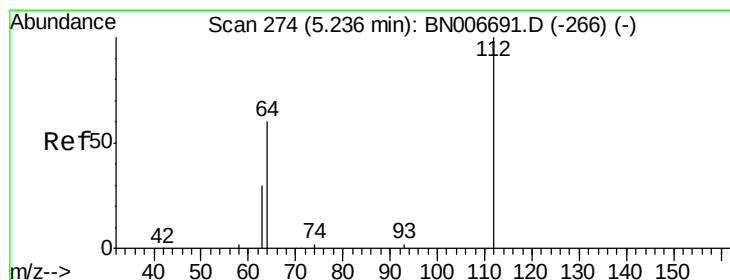
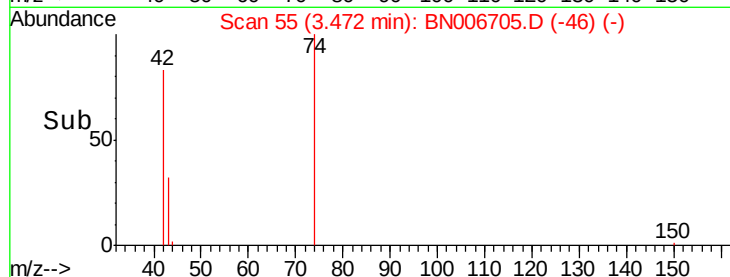
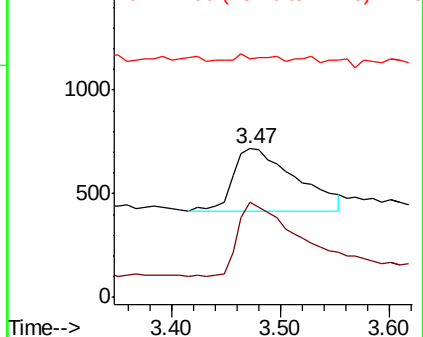
n-Nitrosodimethylamine
 Concen: 0.378 ng
 RT: 3.47 min Scan# 55
 Delta R.T. -0.02 min
 Lab File: BN006705.D
 Acq: 05 Jul 2019 09:03

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 1193
 Ion Ratio Lower Upper
 42 100
 74 114.8 106.6 160.0
 44 5.7 8.0 12.0#



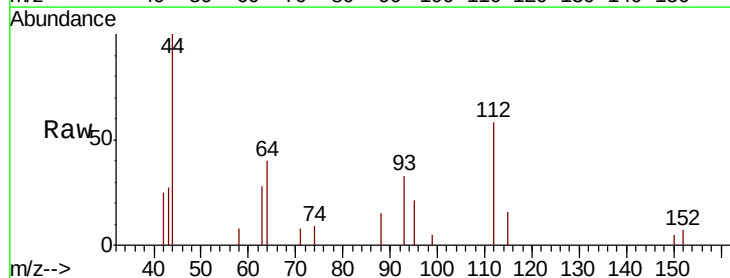
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



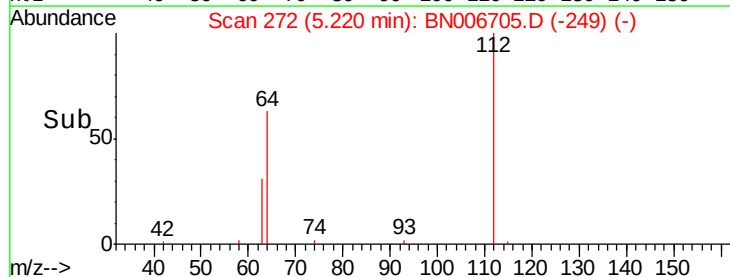
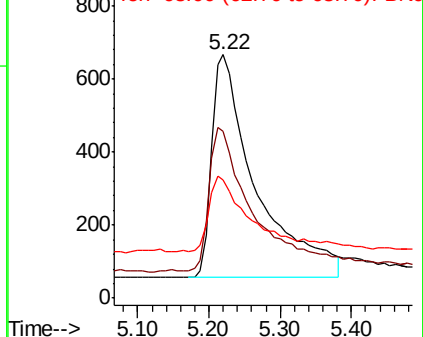
#4

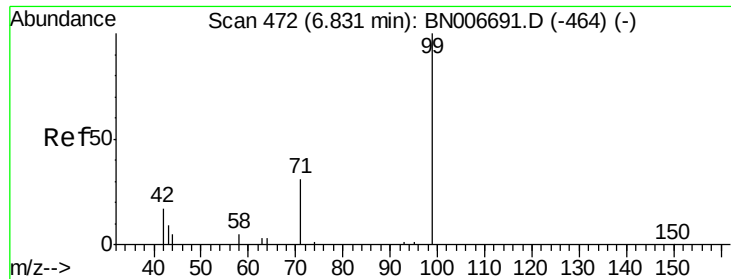
2-Fluorophenol
 Concen: 0.363 ng
 RT: 5.22 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN006705.D
 Acq: 05 Jul 2019 09:03

Tgt Ion: 112 Resp: 2636
 Ion Ratio Lower Upper
 112 100
 64 64.2 49.8 74.6
 63 34.4 25.8 38.6



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





#5

Phenol-d6

Concen: 0.366 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

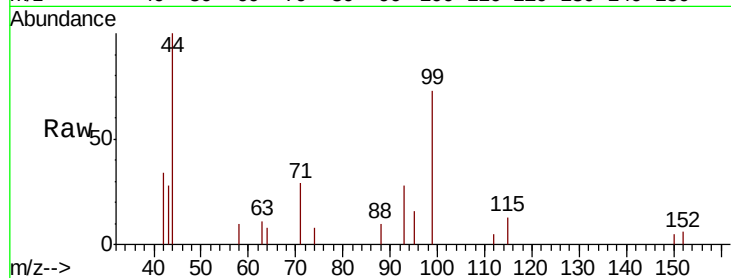
Tot Ion: 99 Resp: 3366

Ion Ratio Lower Upper

99 100

42 21.7 16.6 25.0

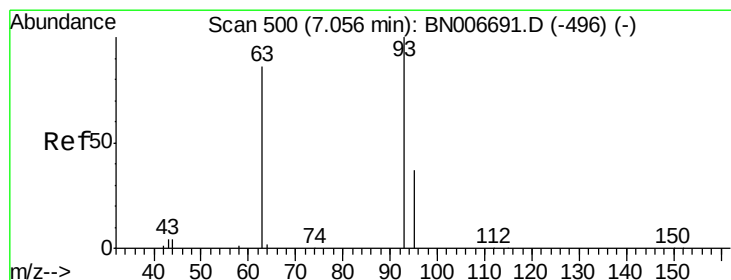
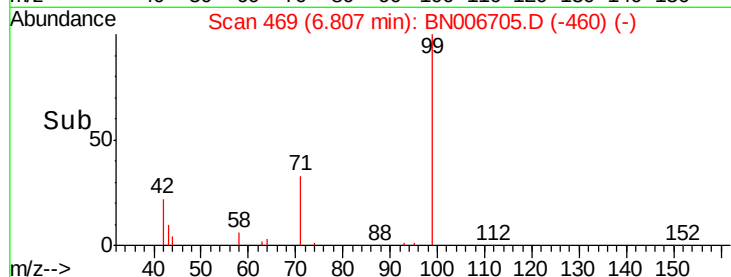
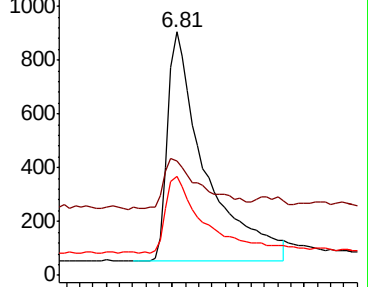
71 33.6 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.446 ng

RT: 7.03 min Scan# 497

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

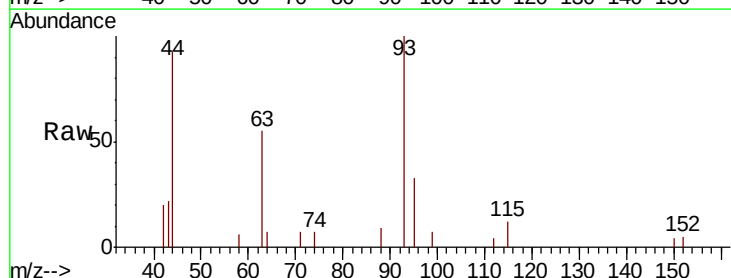
Tgt Ion: 93 Resp: 3467

Ion Ratio Lower Upper

93 100

63 57.1 58.6 87.8#

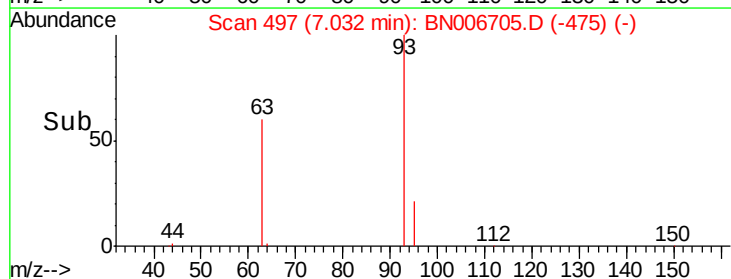
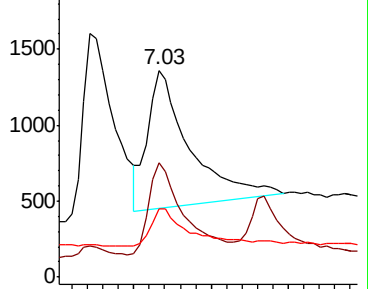
95 27.5 28.3 42.5#

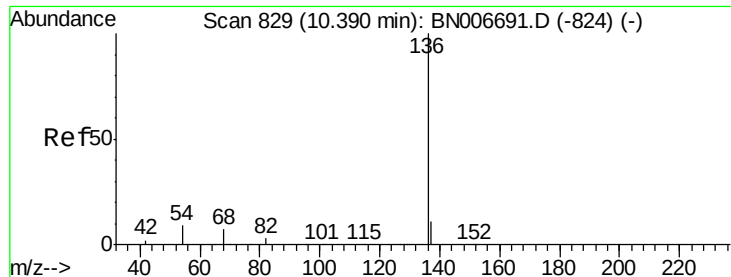


Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 10739

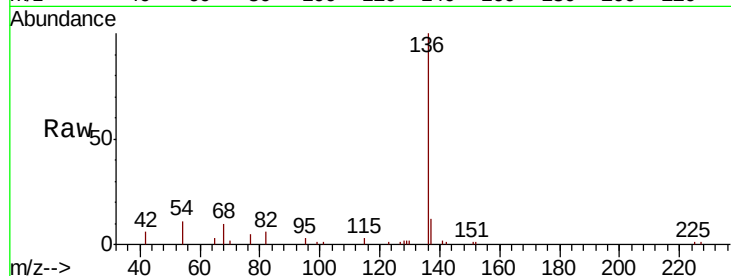
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 11.4 8.4 12.6

68 10.2 6.8 10.2#

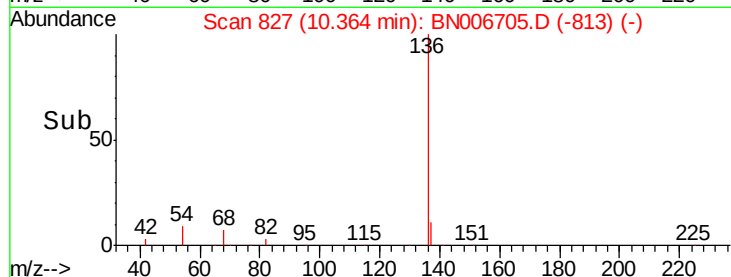


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

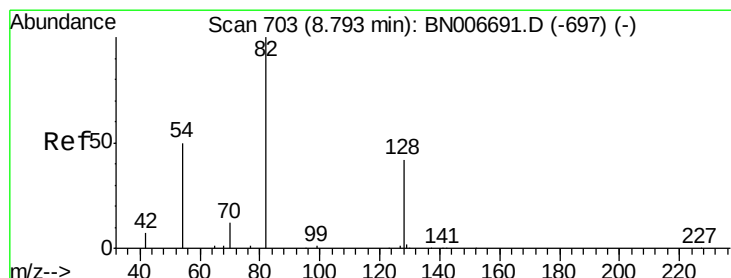
Ion 68.00 (67.70 to 68.70): BNC



Abundance

10.36

Time-->



#8

Nitrobenzene-d5

Concen: 0.355 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

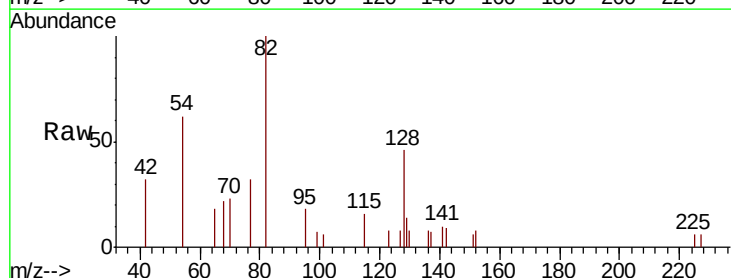
Tgt Ion: 82 Resp: 2920

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

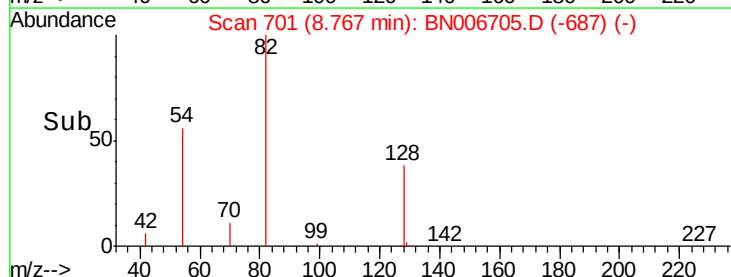
54 62.1 44.5 66.7



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

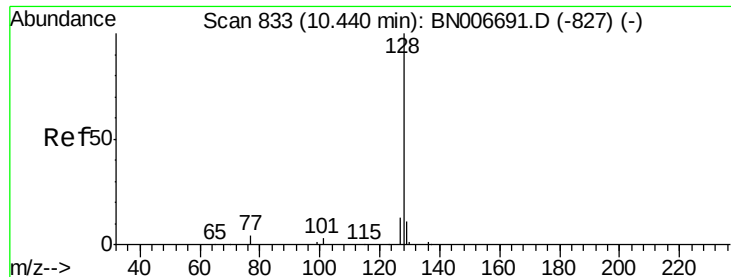
Ion 54.00 (53.70 to 54.70): BNC



Abundance

8.77

Time-->



#9

Naphthalene

Concen: 0.394 ng

RT: 10.41 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

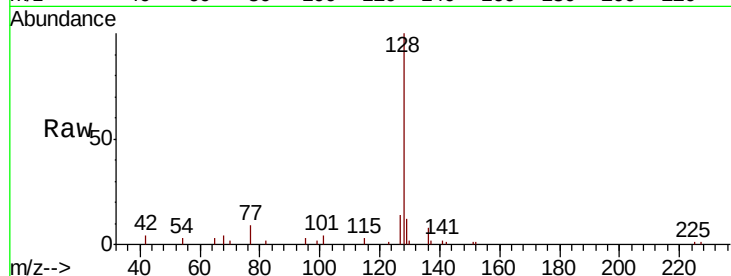
Tot Ion:128 Resp: 11566

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

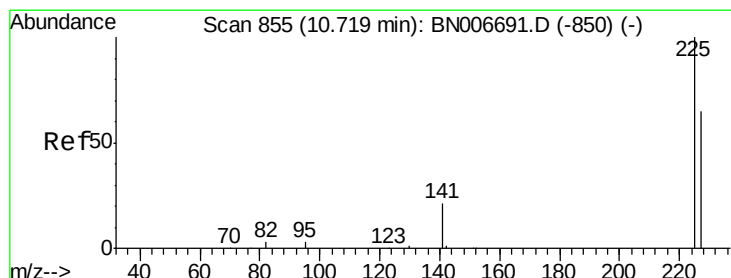
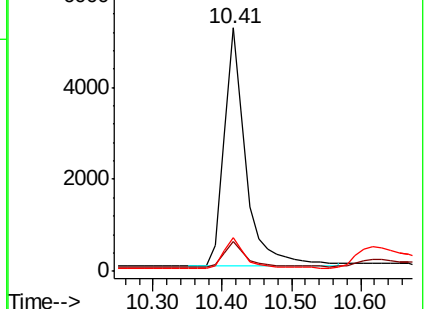
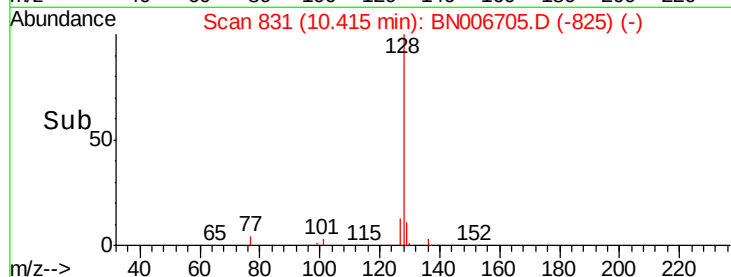
127 14.1 11.0 16.4



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: 0.411 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

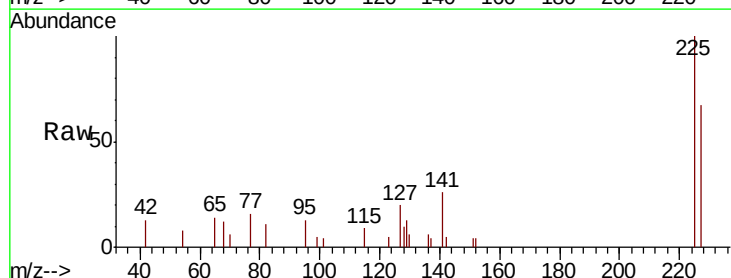
Tgt Ion:225 Resp: 2446

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

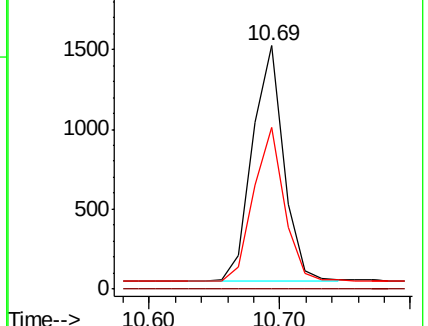
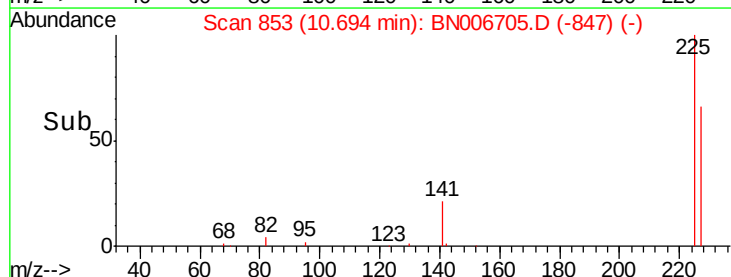
227 64.2 50.9 76.3

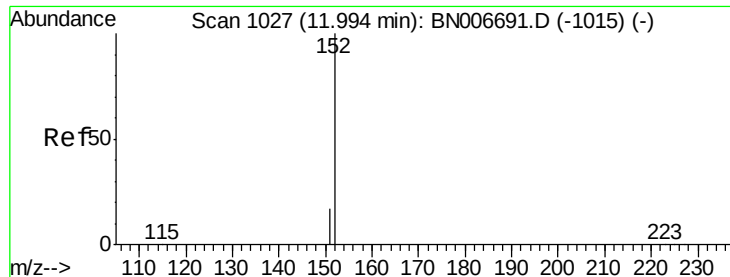


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

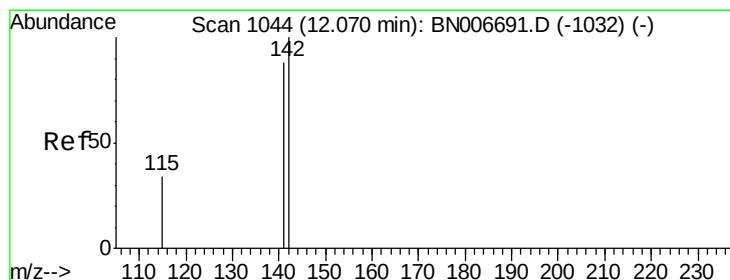
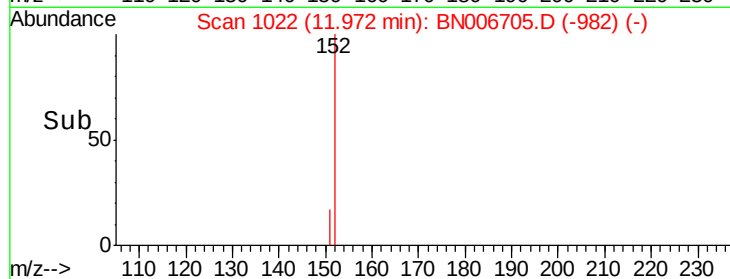
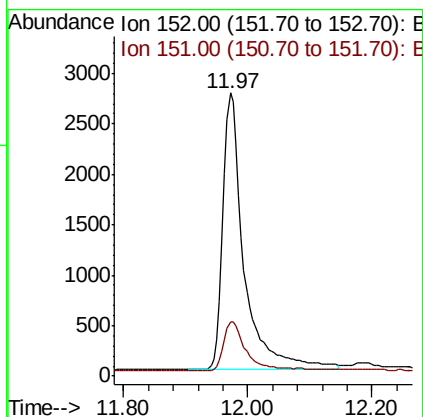
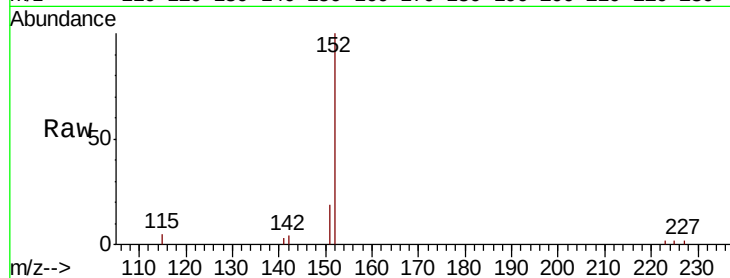




#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 11.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BN006705.D
 Acq: 05 Jul 2019 09:03

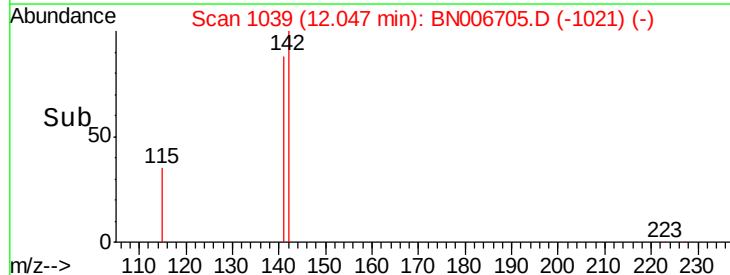
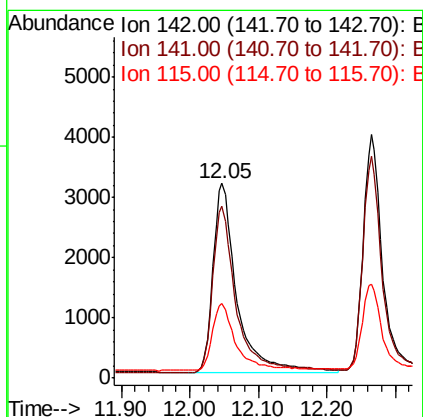
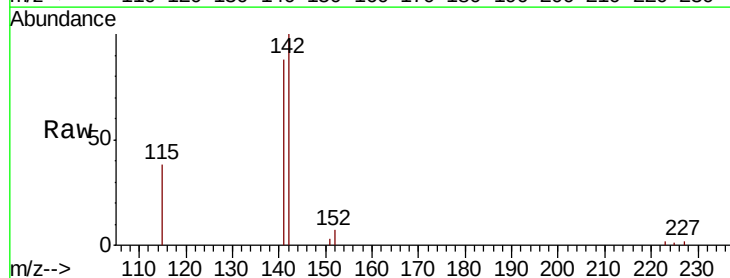
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

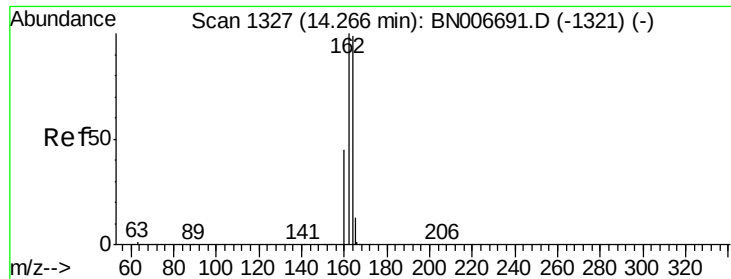
Tot Ion:152 Resp: 6554
 Ion Ratio Lower Upper
 152 100
 151 19.3 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.367 ng
 RT: 12.05 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BN006705.D
 Acq: 05 Jul 2019 09:03

Tgt Ion:142 Resp: 7669
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.3 105.5
 115 38.4 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

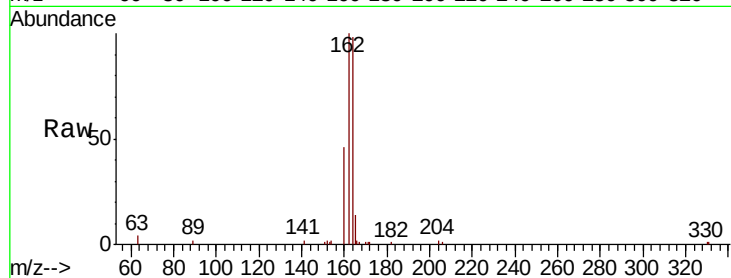
Tot Ion:164 Resp: 6734

Ion Ratio Lower Upper

164 100

162 101.8 80.8 121.2

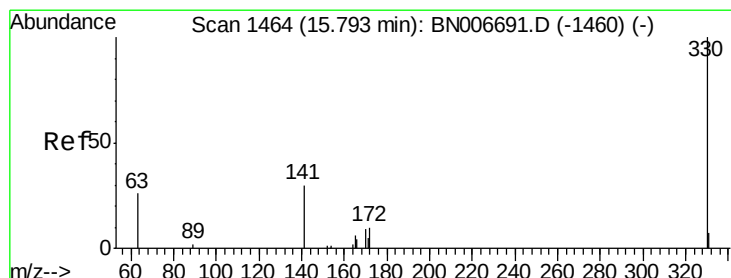
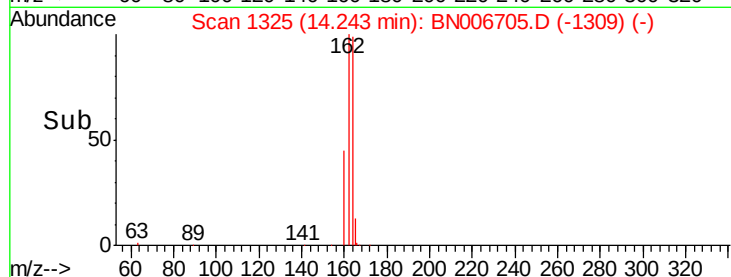
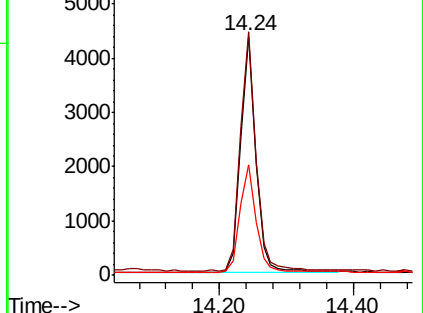
160 46.5 37.0 55.6



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: 0.428 ng

RT: 15.77 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

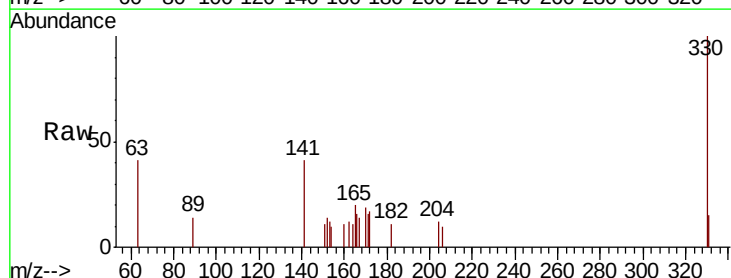
Tgt Ion:330 Resp: 1418

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

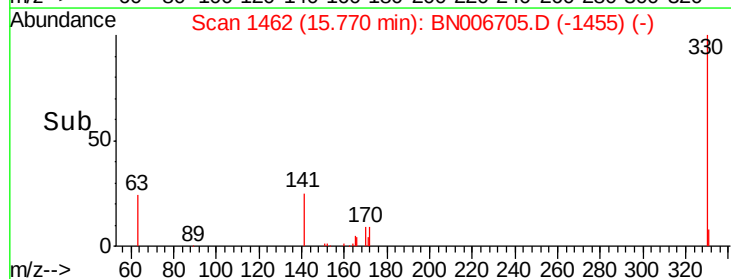
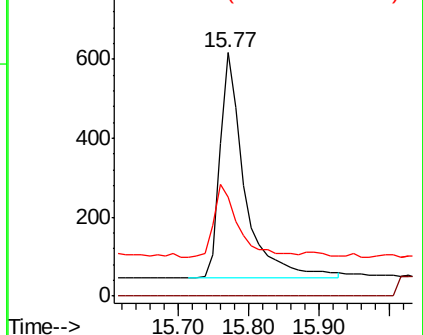
141 30.7 24.8 37.2

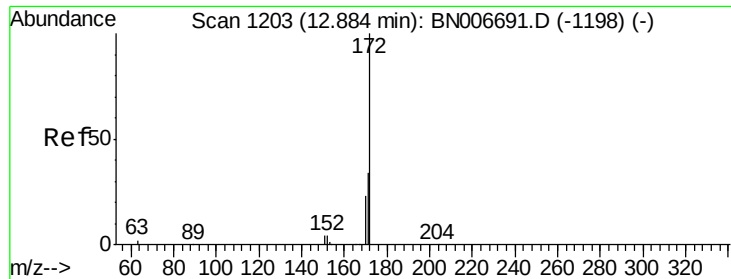


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

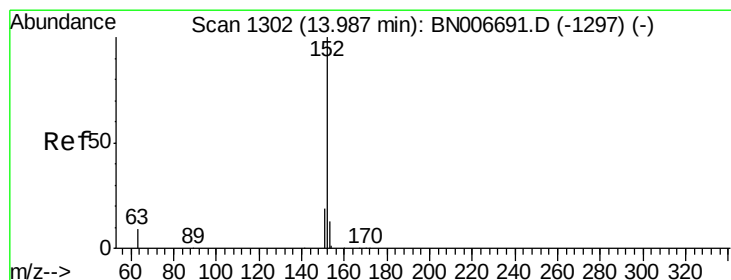
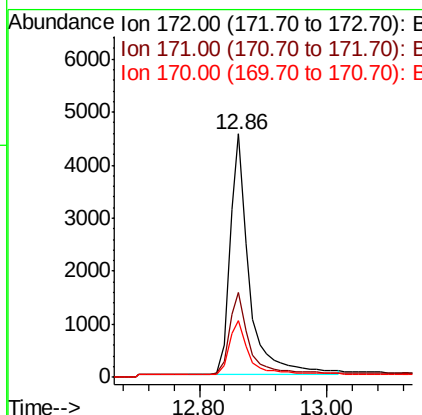
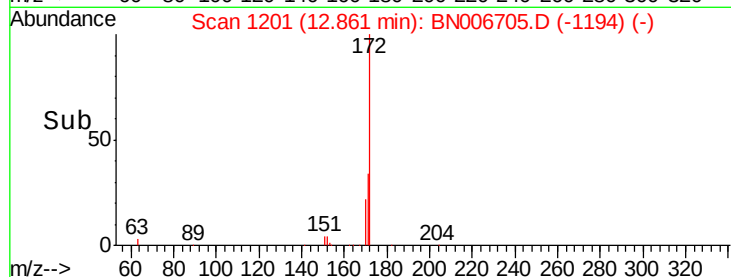
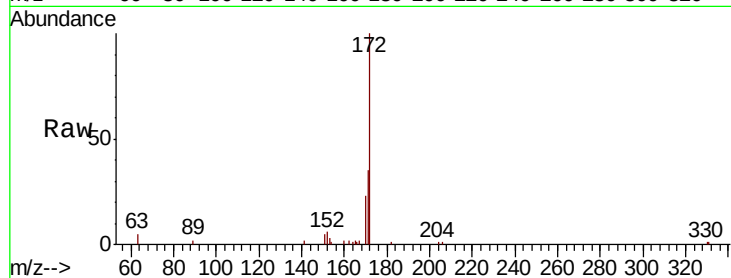




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

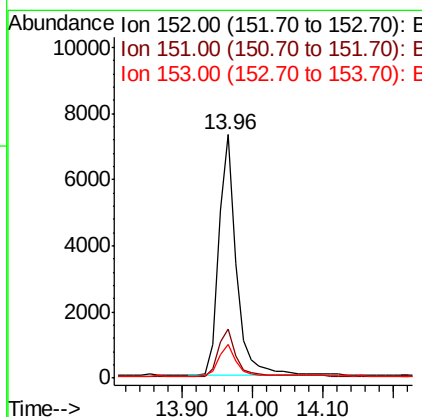
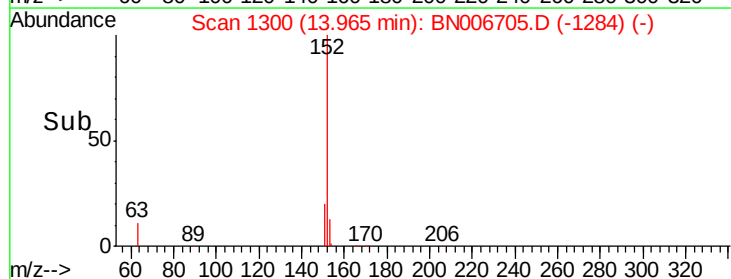
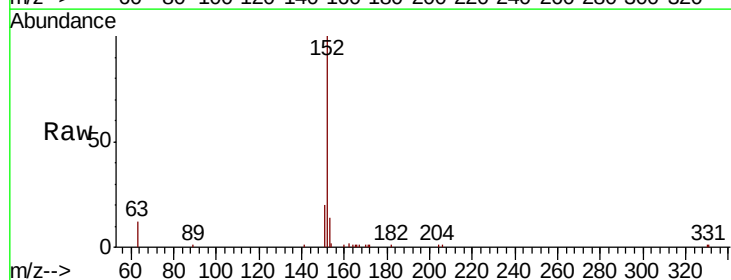
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

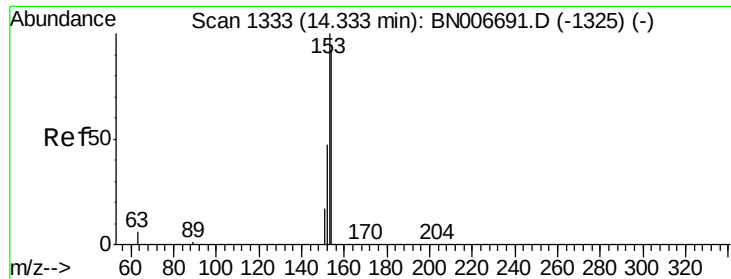
Tot Ion:172 Resp: 9412
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.4 18.9 28.3



#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006705.D
Acq: 05 Jul 2019 09:03

Tgt Ion:152 Resp: 12847
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

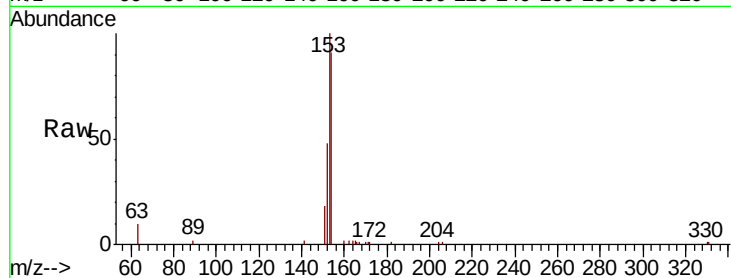
Tot Ion:154 Resp: 8287

Ion Ratio Lower Upper

154 100

153 114.3 88.9 133.3

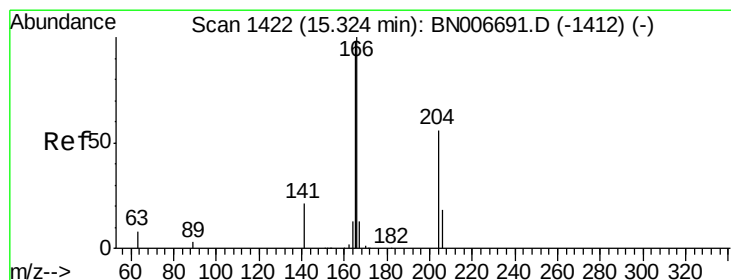
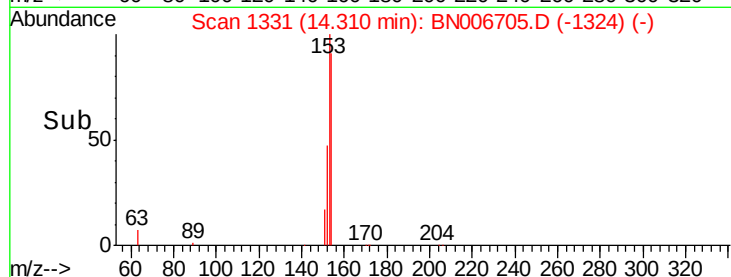
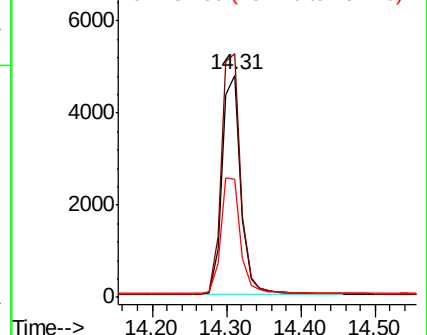
152 55.5 42.8 64.2



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: 0.400 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

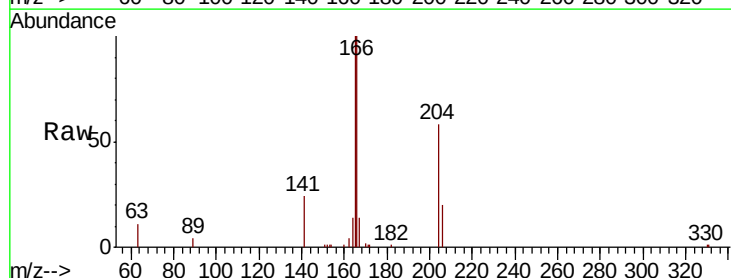
Tgt Ion:166 Resp: 10635

Ion Ratio Lower Upper

166 100

165 97.9 78.0 117.0

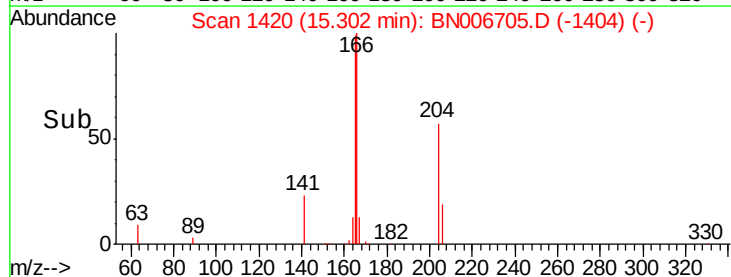
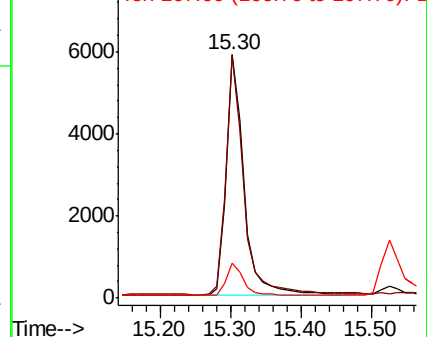
167 13.4 10.7 16.1

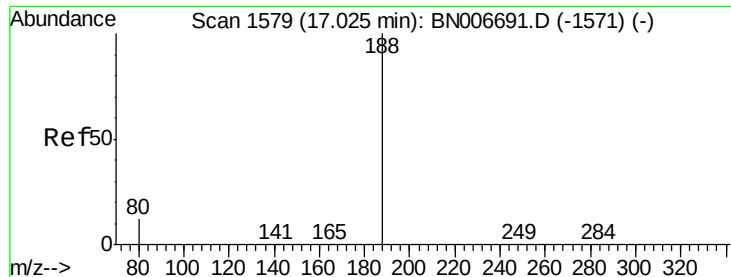


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

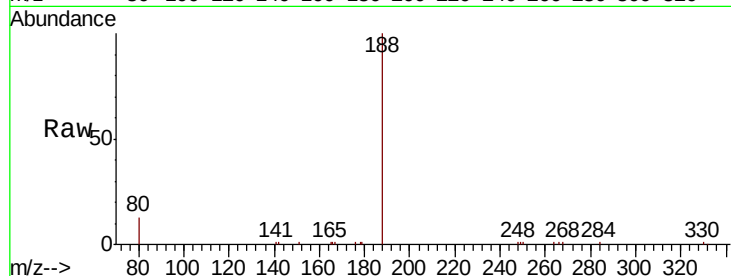
Tot Ion:188 Resp: 16222

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

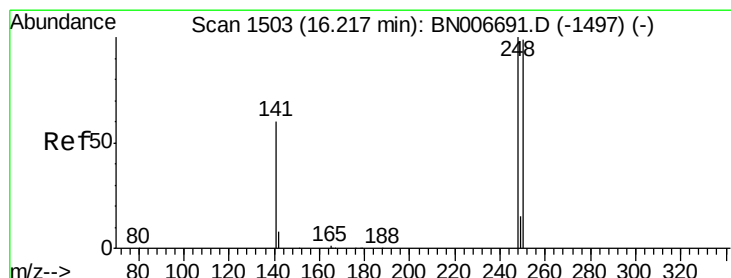
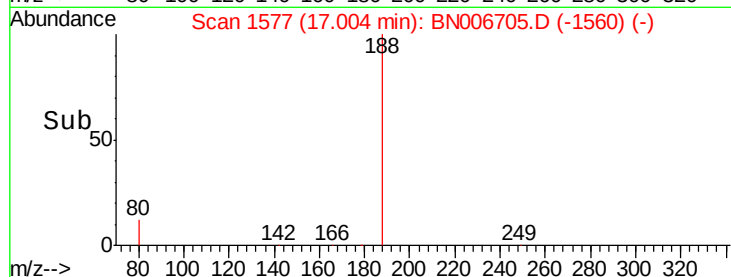
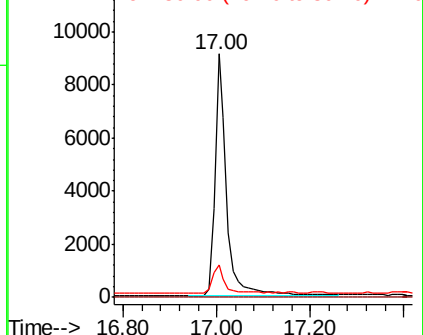
80 13.3 10.3 15.5



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: 0.367 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

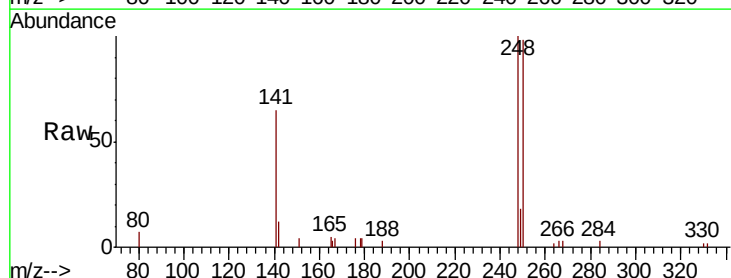
Tgt Ion:248 Resp: 3510

Ion Ratio Lower Upper

248 100

250 97.9 79.0 118.6

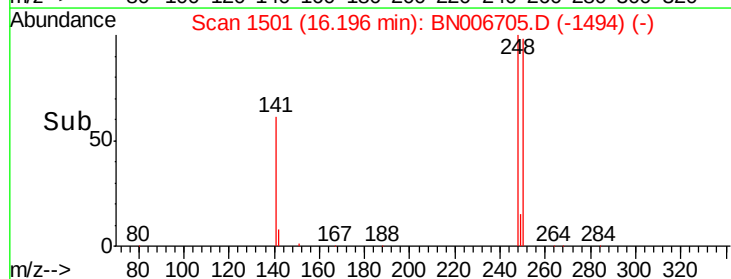
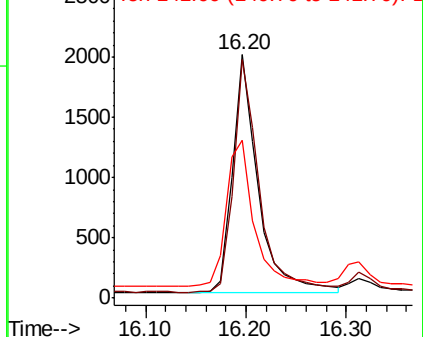
141 64.8 50.2 75.4

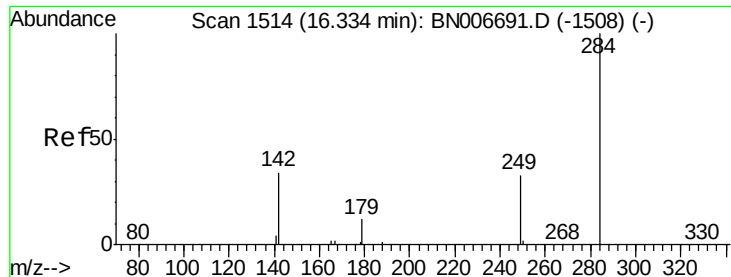


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.31 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

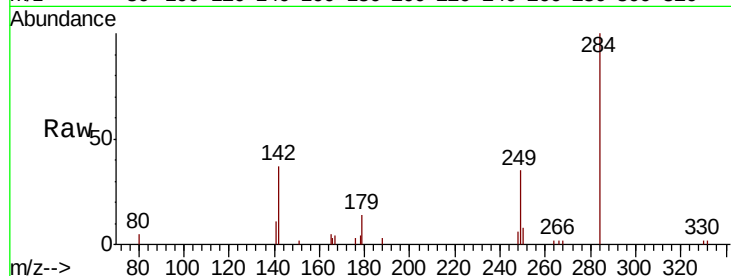
Tot Ion:284 Resp: 4474

Ion Ratio Lower Upper

284 100

142 33.1 26.9 40.3

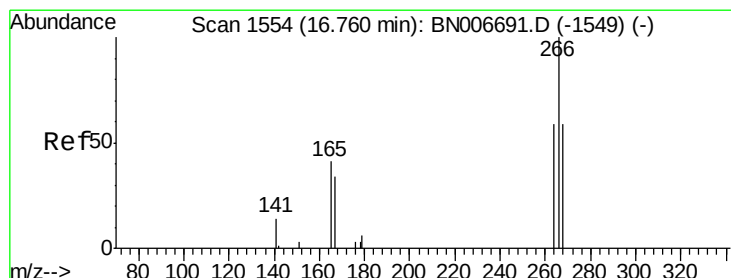
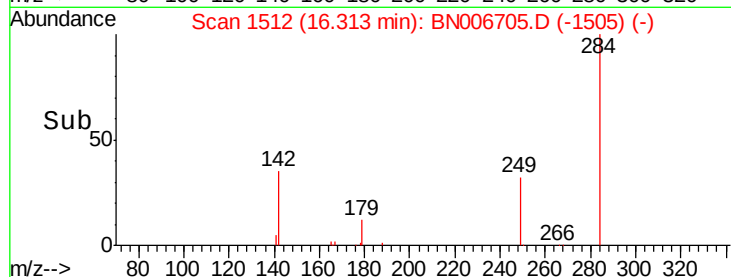
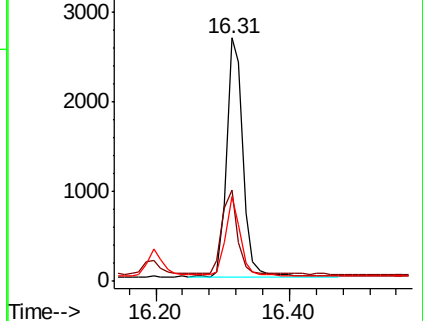
249 30.1 24.4 36.6



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: 0.547 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

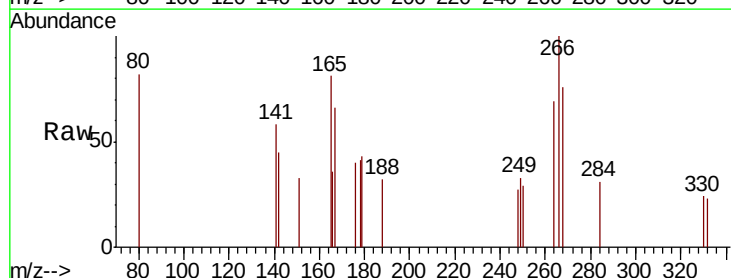
Tgt Ion:266 Resp: 689

Ion Ratio Lower Upper

266 100

264 68.8 57.6 86.4

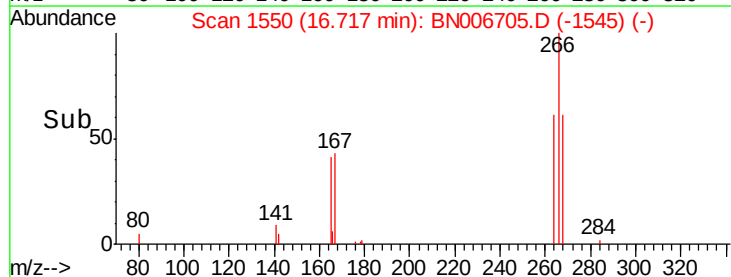
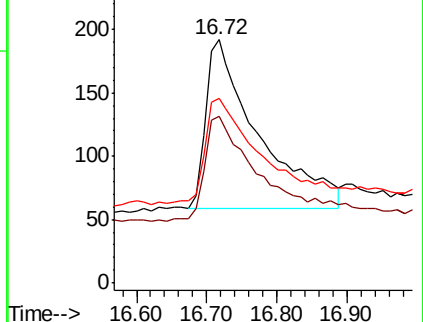
268 76.0 66.6 99.8

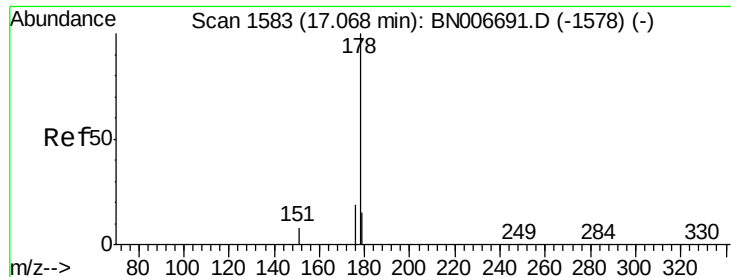


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.371 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

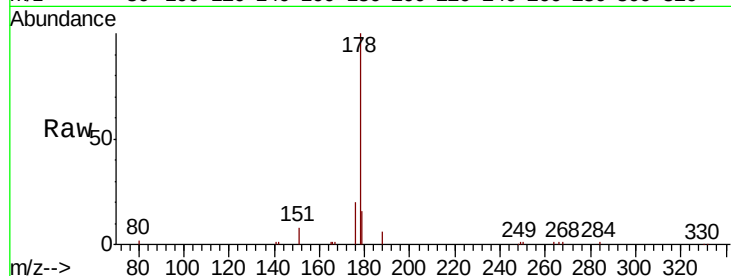
Tot Ion:178 Resp: 17324

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

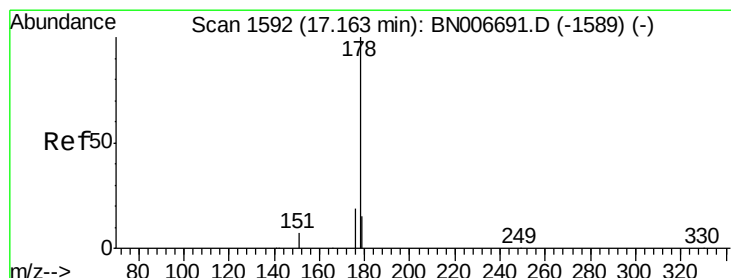
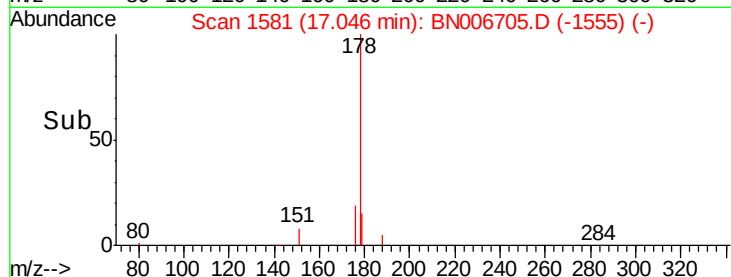
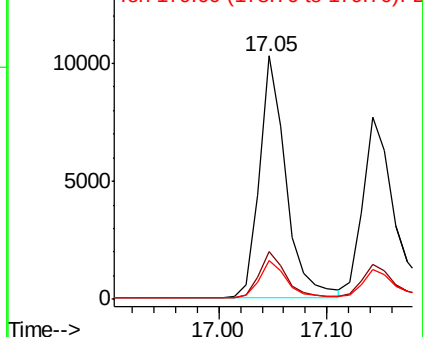
179 15.4 12.4 18.6



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: 0.367 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

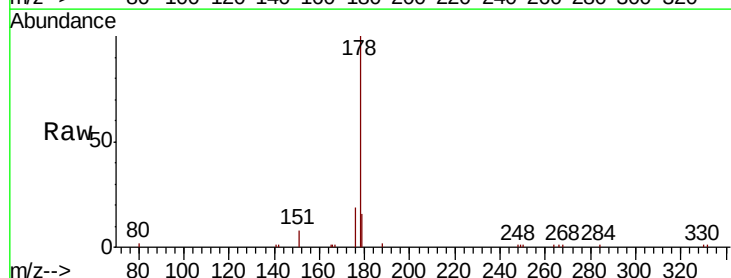
Tgt Ion:178 Resp: 15511

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

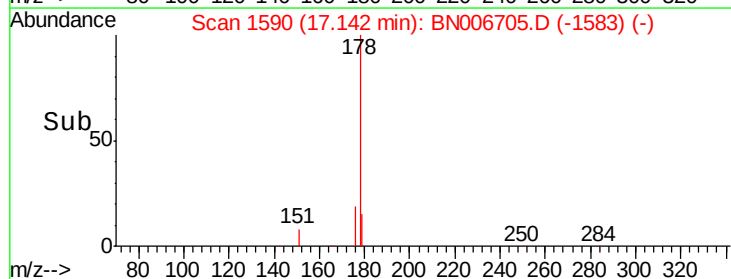
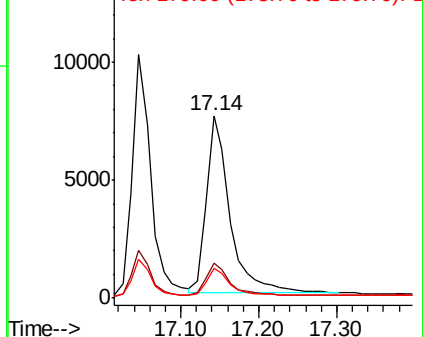
179 15.1 11.9 17.9

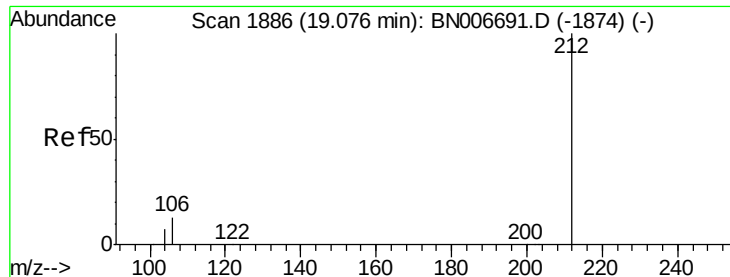


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.419 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

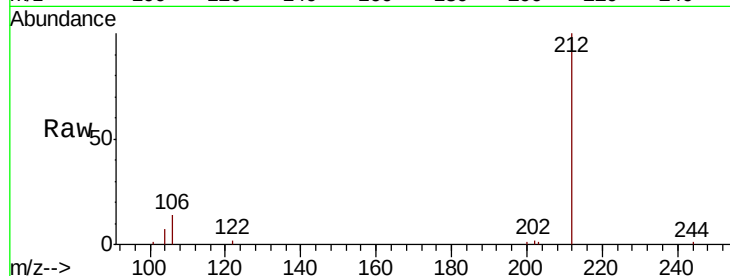
Tot Ion:212 Resp: 19432

Ion Ratio Lower Upper

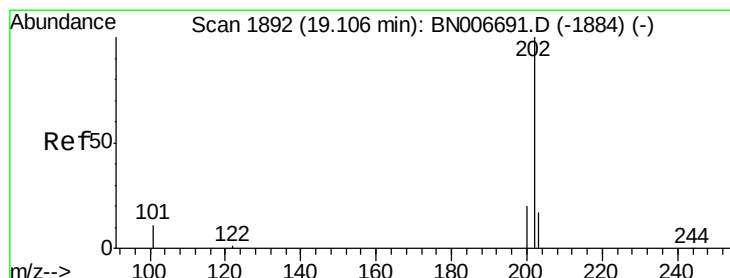
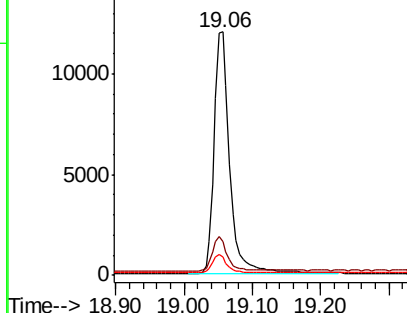
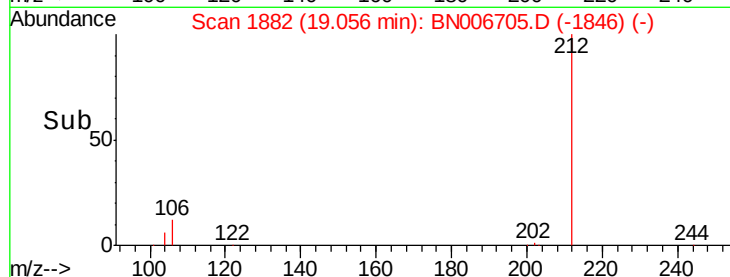
212 100

106 13.5 11.0 16.6

104 7.4 6.1 9.1



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: 0.408 ng

RT: 19.09 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

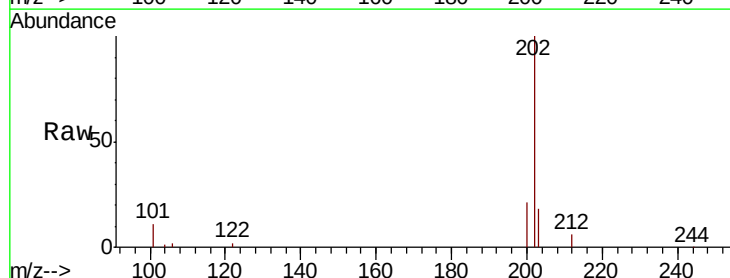
Tgt Ion:202 Resp: 22414

Ion Ratio Lower Upper

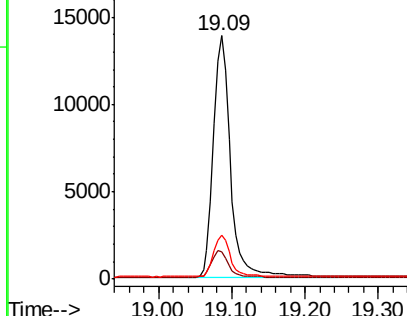
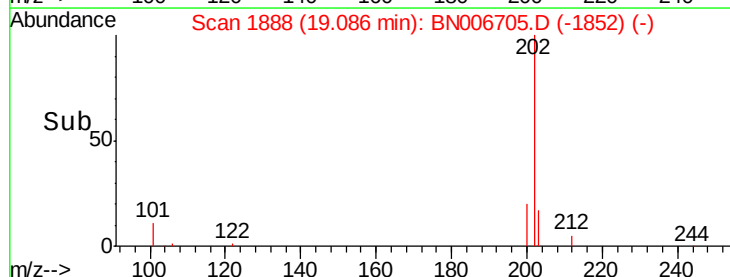
202 100

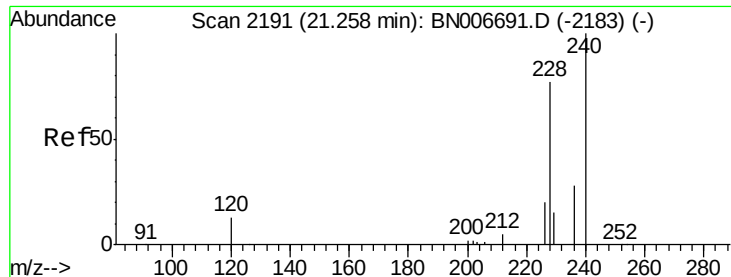
101 11.0 8.7 13.1

203 17.3 13.8 20.6



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

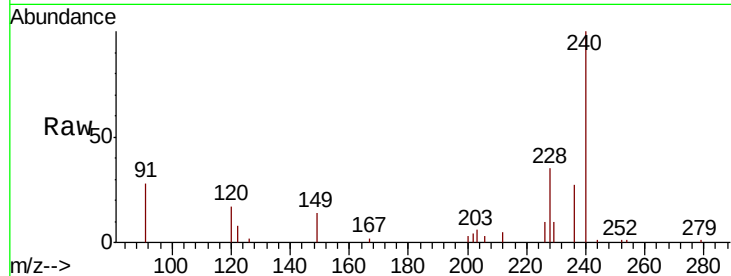




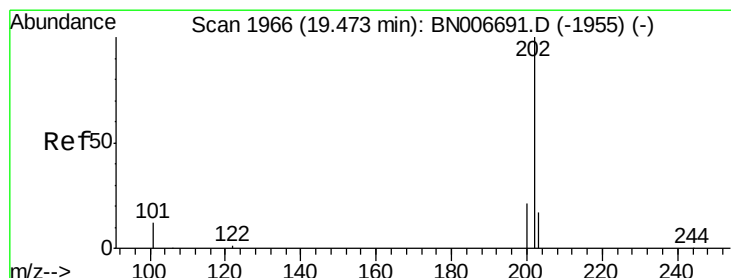
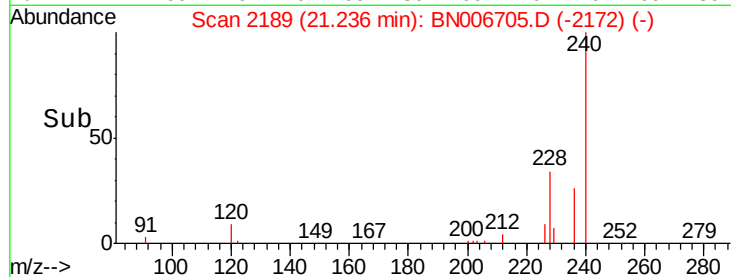
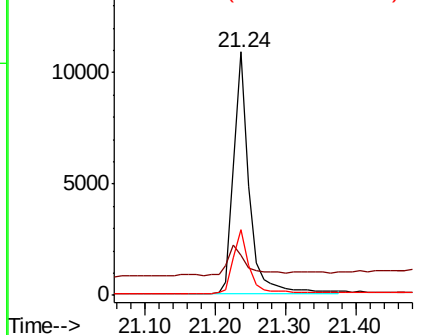
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BN006705.D
 Acq: 05 Jul 2019 09:03

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:240 Resp: 16354
 Ion Ratio Lower Upper
 240 100
 120 16.7 12.9 19.3
 236 27.0 23.2 34.8

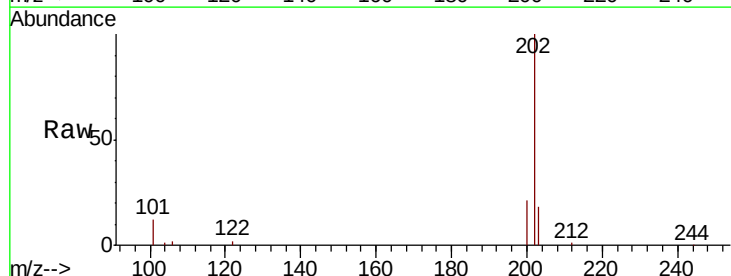


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

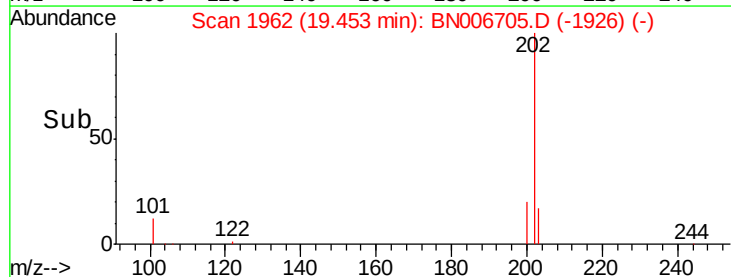
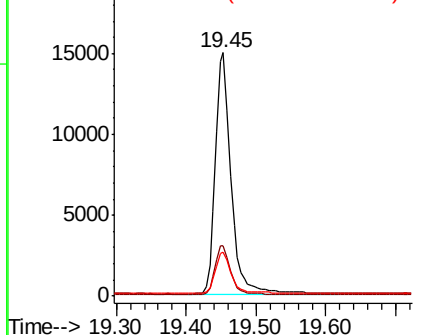


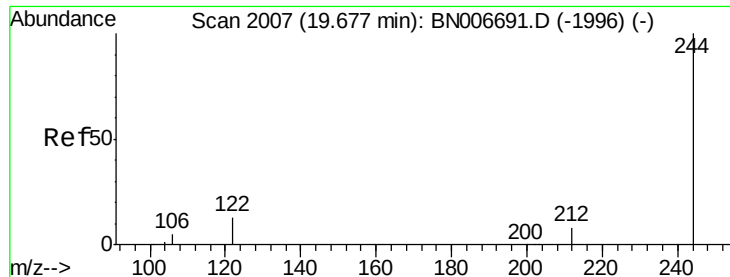
#28
 Pyrene
 Concen: 0.358 ng
 RT: 19.45 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BN006705.D
 Acq: 05 Jul 2019 09:03

Tgt Ion:202 Resp: 23428
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.8 25.2
 203 17.9 14.2 21.2



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: 0.381 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

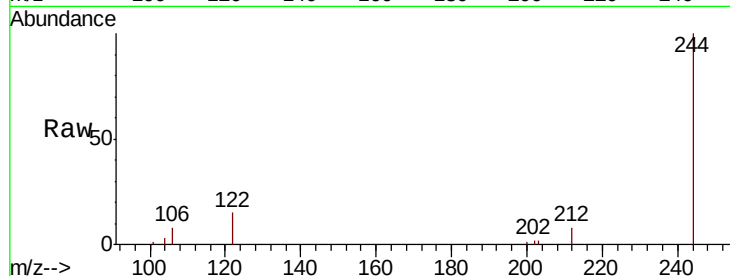
Tot Ion:244 Resp: 14358

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

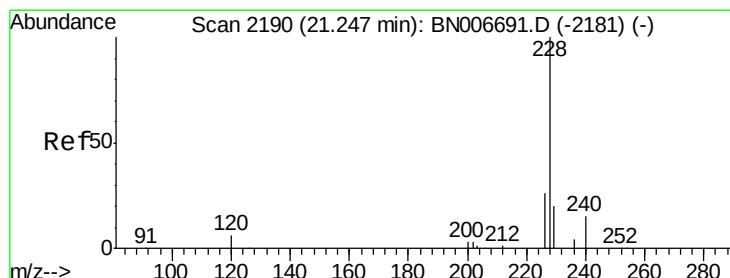
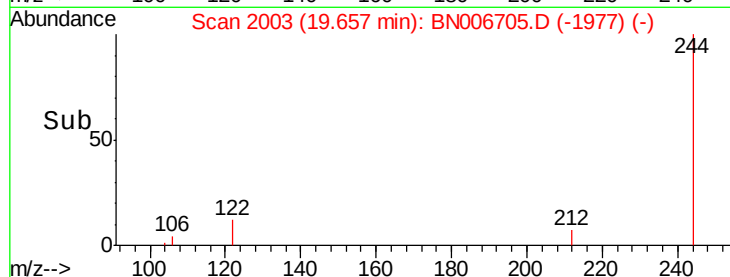
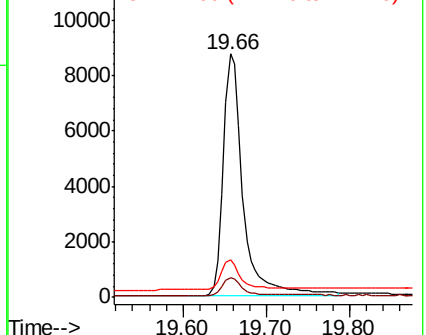
122 15.2 11.5 17.3



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: 0.371 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

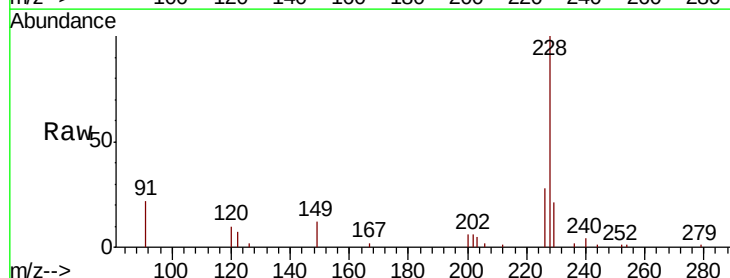
Tgt Ion:228 Resp: 20921

Ion Ratio Lower Upper

228 100

226 27.9 21.5 32.3

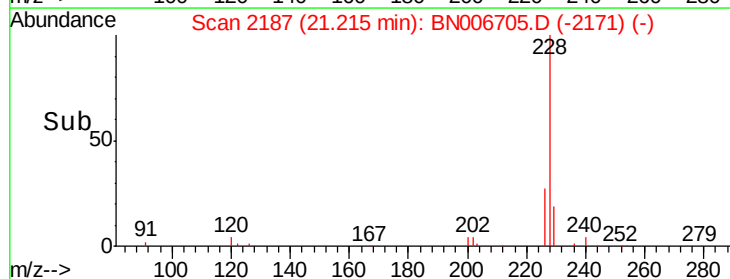
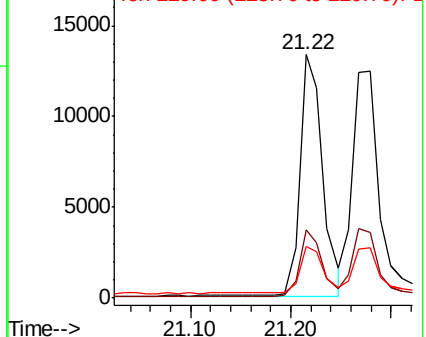
229 21.0 16.2 24.4

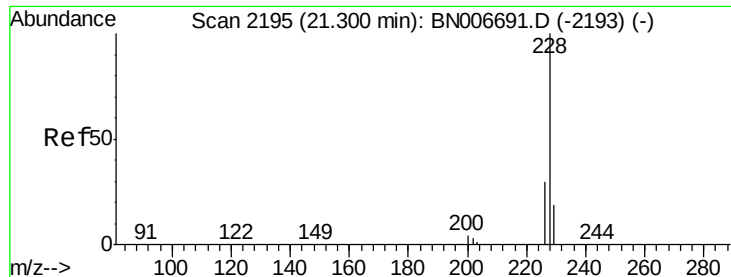


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.382 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

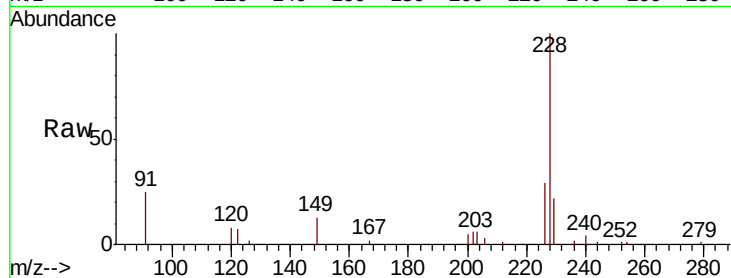
Tot Ion:228 Resp: 22211

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.2

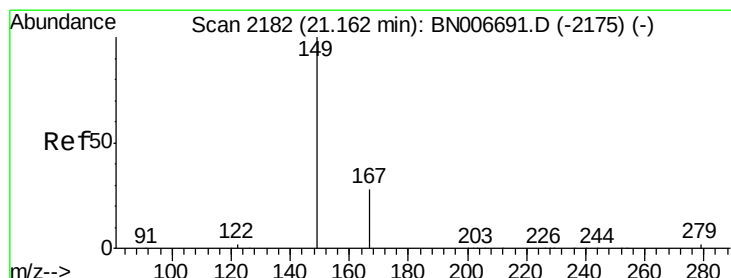
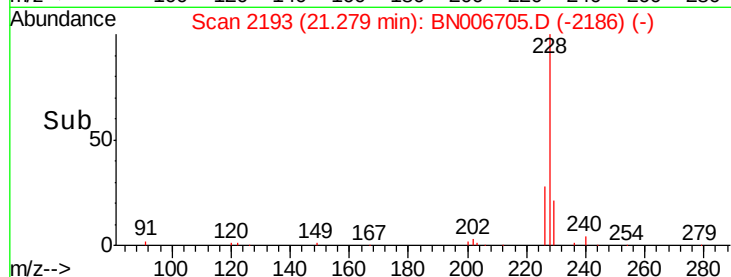
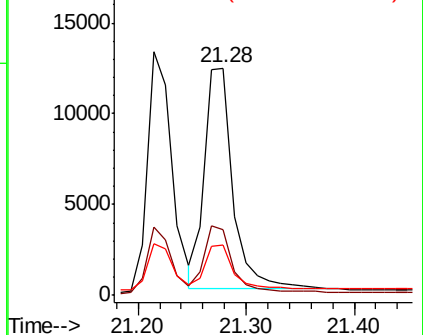
229 22.2 15.8 23.6



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: 0.084 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

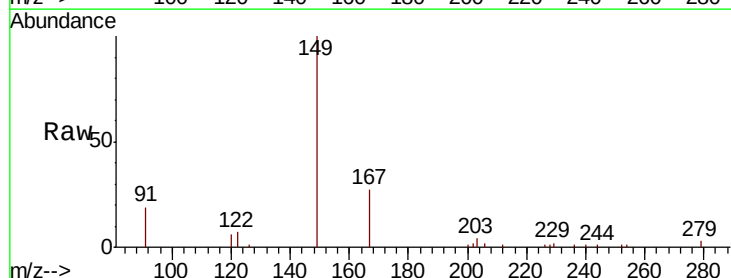
Tgt Ion:149 Resp: 14070

Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

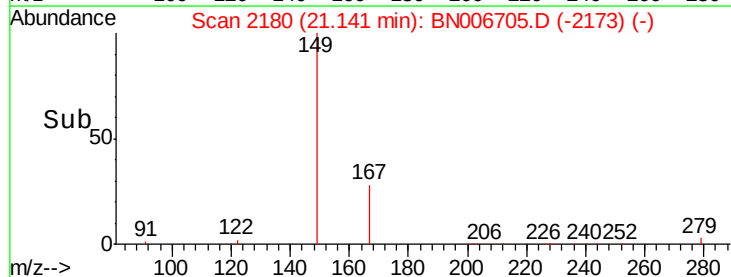
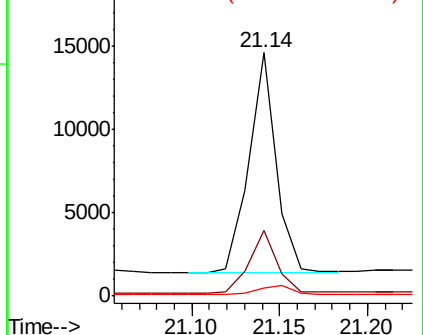
279 4.6 3.2 4.8

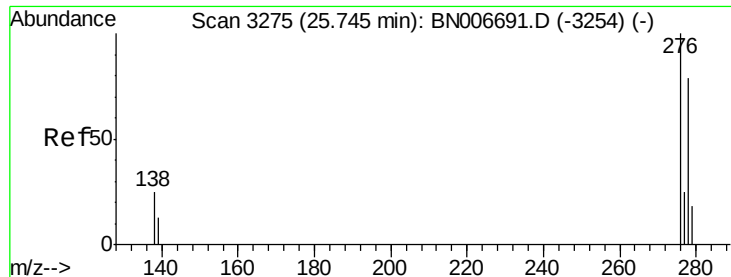


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.416 ng

RT: 25.69 min Scan# 3259

Delta R.T. -0.05 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

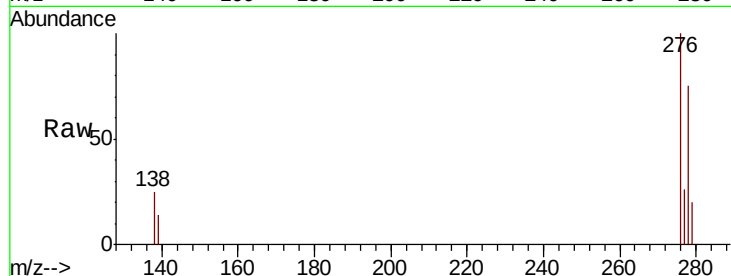
Tot Ion:276 Resp: 28911

Ion Ratio Lower Upper

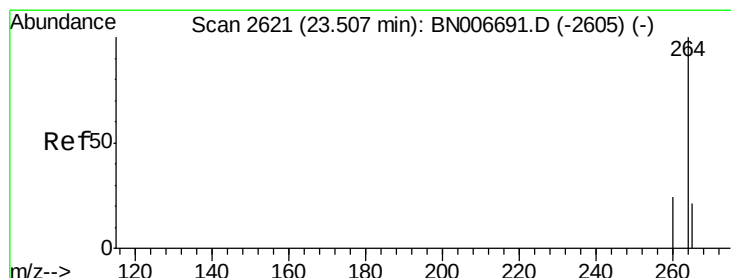
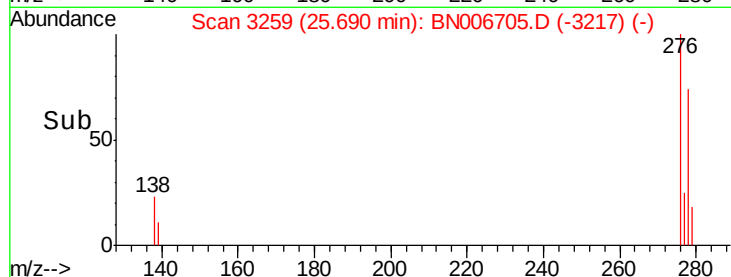
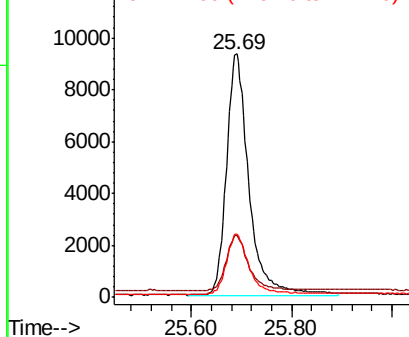
276 100

138 22.8 19.5 29.3

277 24.5 19.7 29.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2609

Delta R.T. -0.04 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

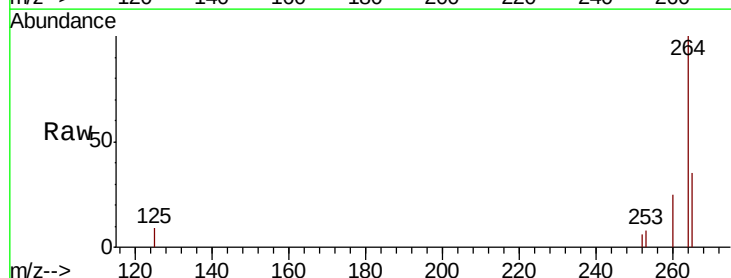
Tgt Ion:264 Resp: 19285

Ion Ratio Lower Upper

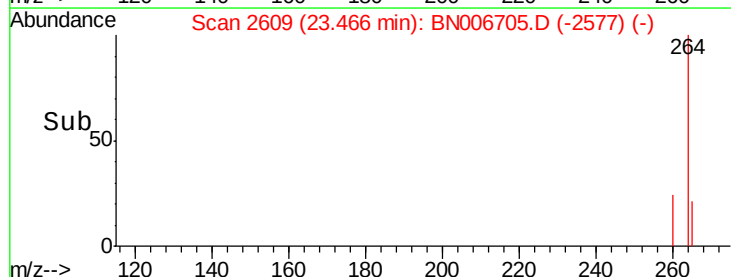
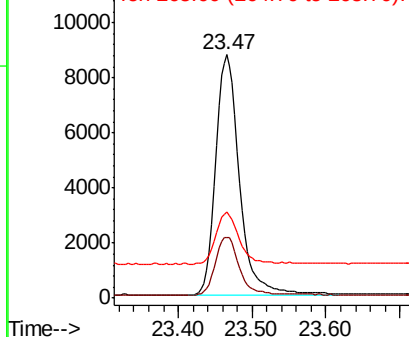
264 100

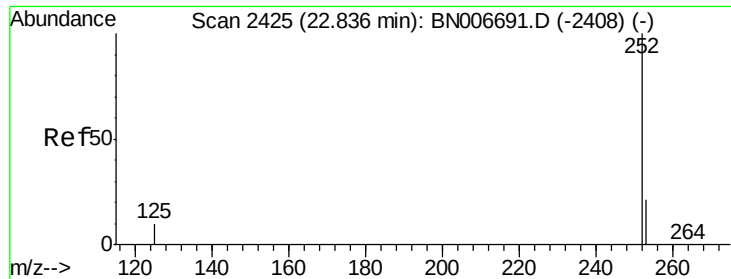
260 25.0 20.2 30.2

265 35.2 33.7 50.5



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





#35

Benzo(b)fluoranthene

Concen: 0.366 ng

RT: 22.80 min Scan# 2415

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

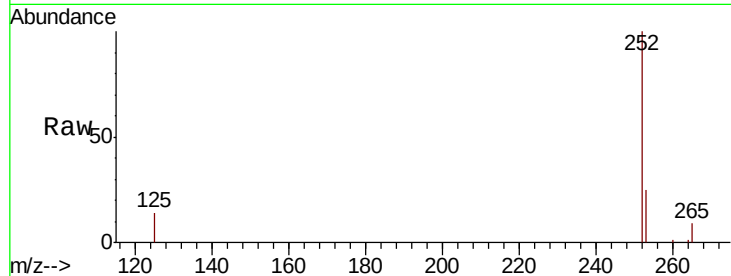
Tot Ion:252 Resp: 22648

Ion Ratio Lower Upper

252 100

253 25.5 20.2 30.2

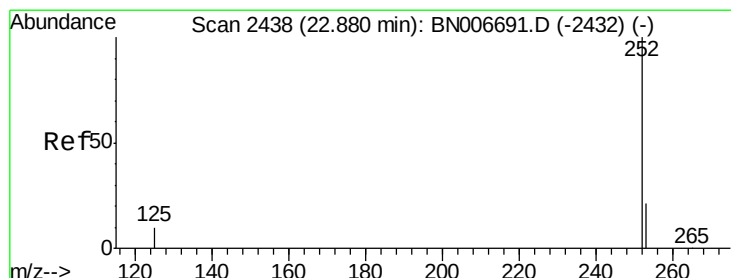
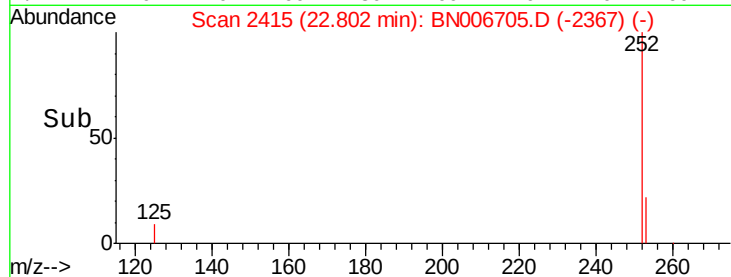
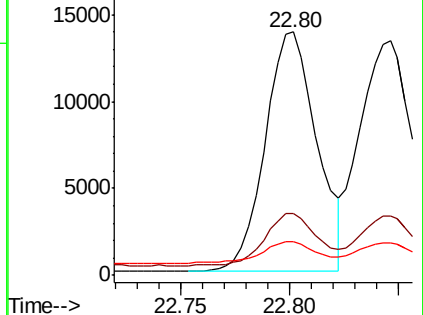
125 13.8 11.5 17.3



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: 0.380 ng

RT: 22.85 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

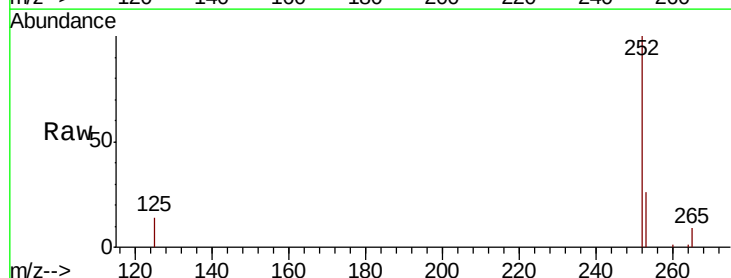
Tgt Ion:252 Resp: 25508

Ion Ratio Lower Upper

252 100

253 25.6 20.1 30.1

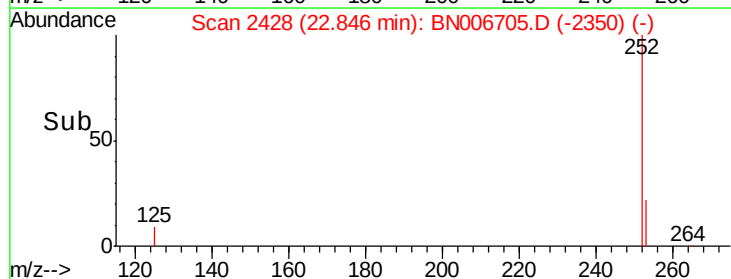
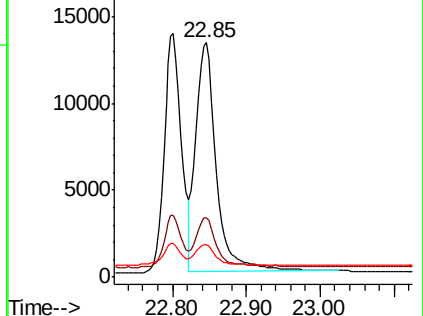
125 14.0 11.4 17.0

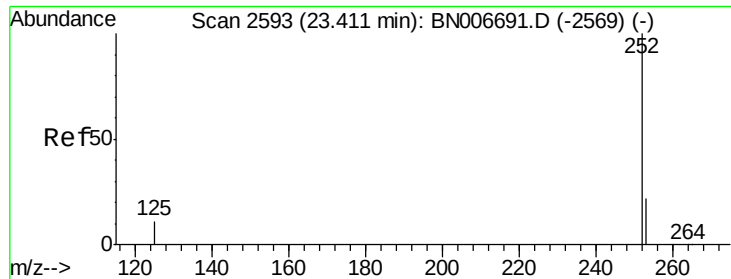


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.37 min Scan# 2581

Delta R.T. -0.04 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

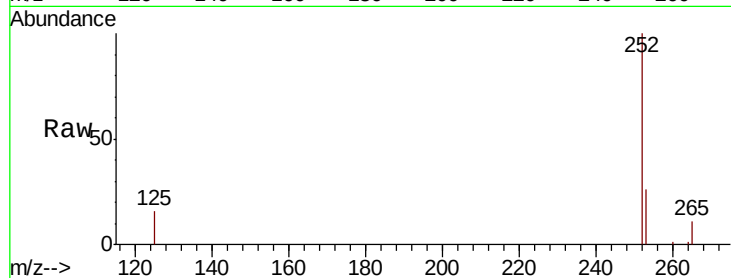
Tot Ion:252 Resp: 22747

Ion Ratio Lower Upper

252 100

253 26.2 21.4 32.2

125 15.8 13.3 19.9

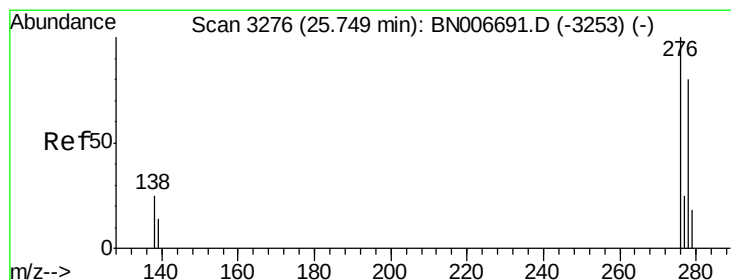
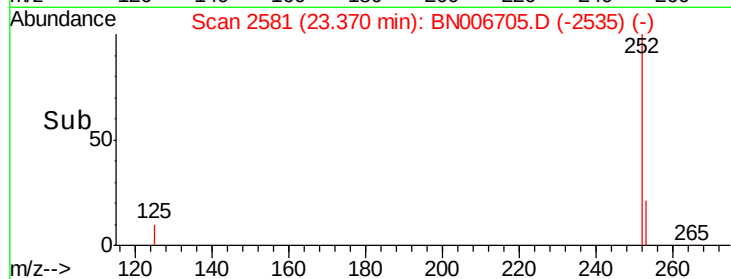
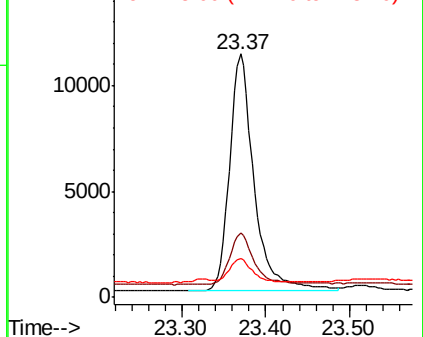


Abundance

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: 0.384 ng

RT: 25.69 min Scan# 3260

Delta R.T. -0.05 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

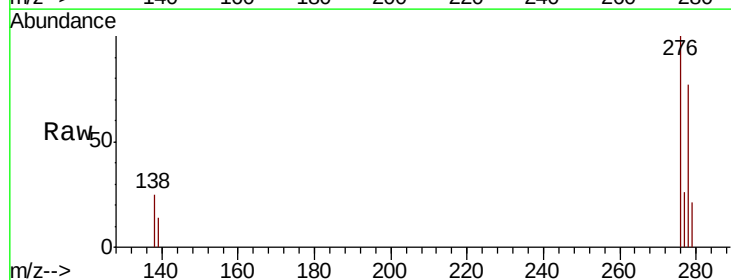
Tgt Ion:278 Resp: 22852

Ion Ratio Lower Upper

278 100

139 18.7 16.2 24.4

279 26.5 20.7 31.1

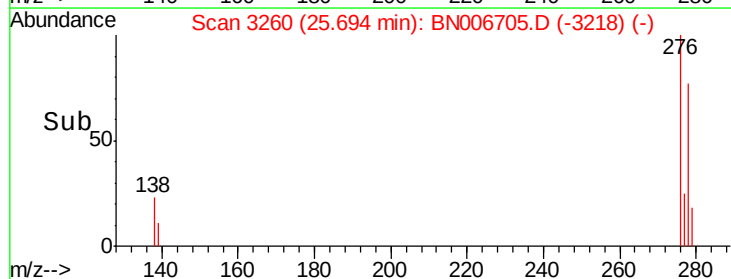
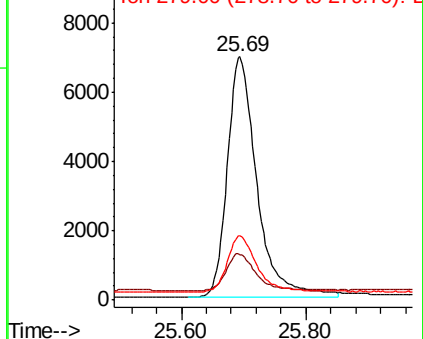


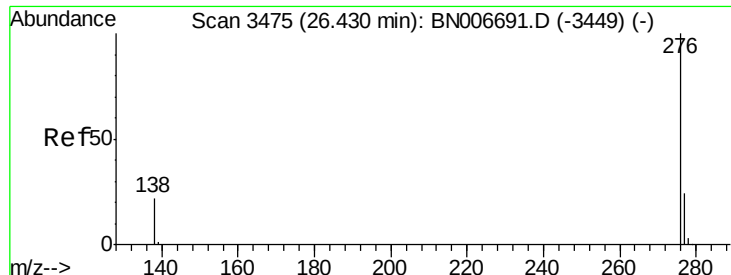
Abundance

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: 0.392 ng

RT: 26.37 min Scan# 3457

Delta R.T. -0.06 min

Lab File: BN006705.D

Acq: 05 Jul 2019 09:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

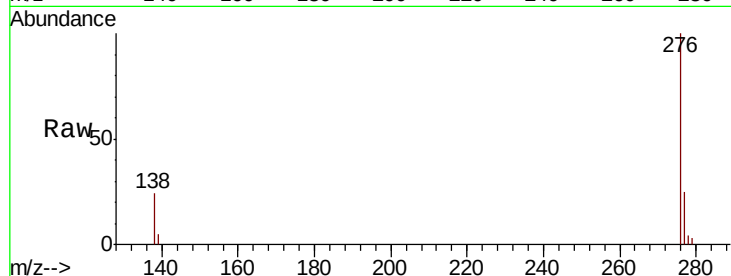
Tot Ion:276 Resp: 24023

Ion Ratio Lower Upper

276 100

277 25.3 20.6 30.8

138 23.6 19.7 29.5



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

