

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
 Data File : BN006766.D
 Acq On : 09 Jul 2019 11:33
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jul 09 12:32:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 12:25:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2945	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	11810	0.40	ng	-0.01
13) Acenaphthene-d10	14.23	164	6632	0.40	ng	-0.01
19) Phenanthrene-d10	17.00	188	15036	0.40	ng	0.00
27) Chrysene-d12	21.24	240	15560	0.40	ng	0.00
34) Perylene-d12	23.49	264	16106	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	23334	2.92	ng	-0.03
5) Phenol-d6	6.77	99	32123	3.17	ng	-0.05
8) Nitrobenzene-d5	8.73	82	29944	3.31	ng	-0.05
11) 2-Methylnaphthalene-d10	11.96	152	57267	3.23	ng	-0.02
14) 2,4,6-Tribromophenol	15.75	330	11480	3.52	ng	-0.02
15) 2-Fluorobiphenyl	12.85	172	81560	3.14	ng	-0.01
25) Fluoranthene-d10	19.05	212	144637	3.36	ng	0.00
29) Terphenyl-d14	19.66	244	108292	3.02	ng	0.00

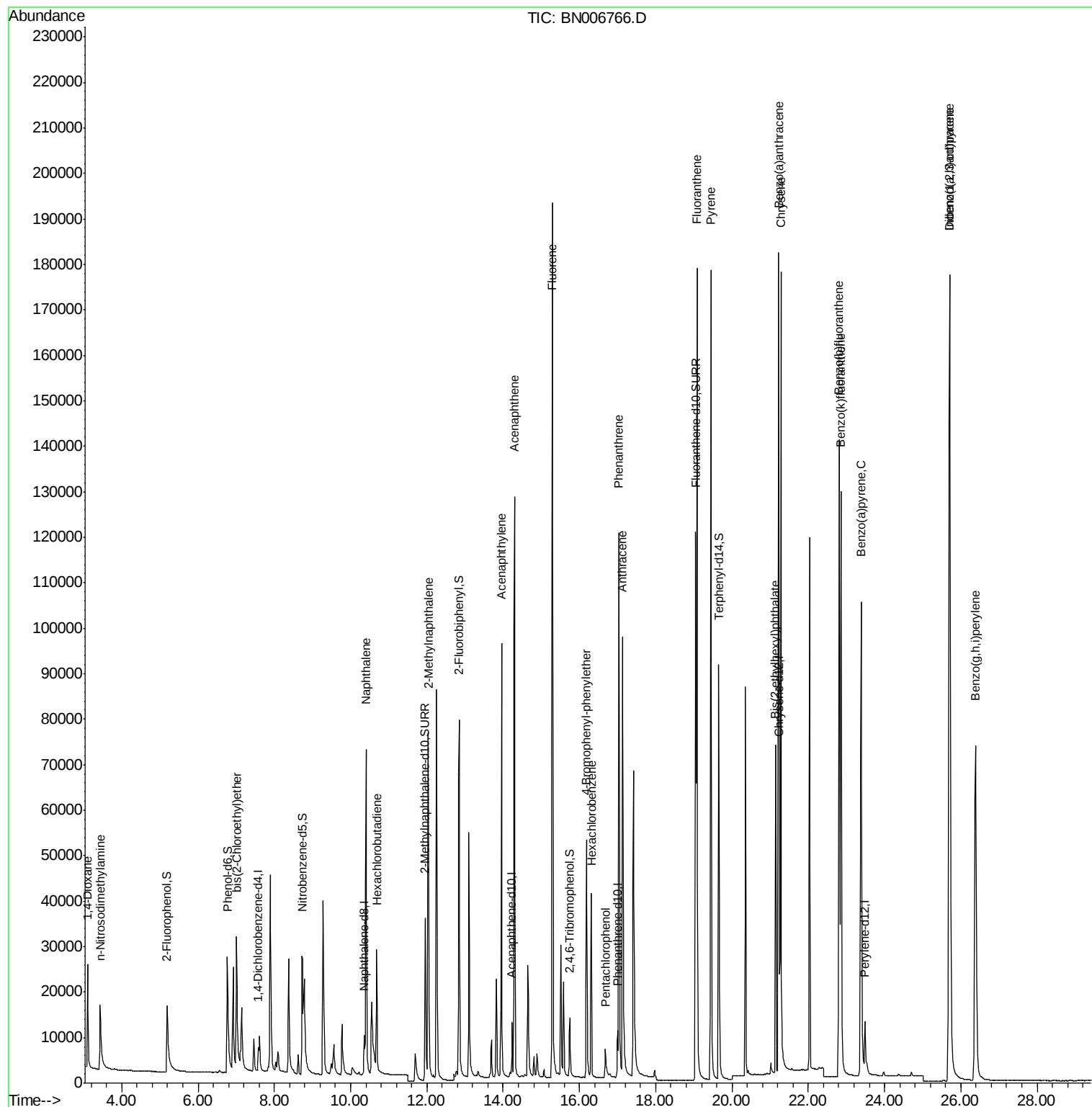
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	14161	3.077	ng	95
3) n-Nitrosodimethylamine	3.43	42	14631	4.215	ng	# 98
6) bis(2-Chloroethyl)ether	7.01	93	28260	3.304	ng	# 79
9) Naphthalene	10.40	128	100131	3.099	ng	98
10) Hexachlorobutadiene	10.68	225	20373	3.115	ng	# 99
12) 2-Methylnaphthalene	12.03	142	66753	2.784	ng	97
16) Acenaphthylene	13.95	152	108672	3.288	ng	100
17) Acenaphthene	14.30	154	67543	3.204	ng	99
18) Fluorene	15.29	166	86275	3.297	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	29243	3.301	ng	96
21) Hexachlorobenzene	16.31	284	34997	3.321	ng	99
22) Pentachlorophenol	16.69	266	6580	4.353	ng	90
23) Phenanthrene	17.04	178	138511	3.196	ng	100
24) Anthracene	17.13	178	126934	3.241	ng	100
26) Fluoranthene	19.08	202	169290	3.327	ng	99
28) Pyrene	19.45	202	170746	2.742	ng	100
30) Benzo(a)anthracene	21.23	228	159485	2.972	ng	99
31) Chrysene	21.28	228	172893	3.126	ng	100
32) Bis(2-ethylhexyl)phthalate	21.14	149	73261	0.458	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	205526	3.107	ng	100
35) Benzo(b)fluoranthene	22.81	252	172544	3.338	ng	97
36) Benzo(k)fluoranthene	22.86	252	186634	3.329	ng	97
37) Benzo(a)pyrene	23.38	252	165025	3.295	ng	95
38) Dibenzo(a,h)anthracene	25.71	278	165758	3.332	ng	97
39) Benzo(g,h,i)perylene	26.38	276	168665	3.294	ng	99

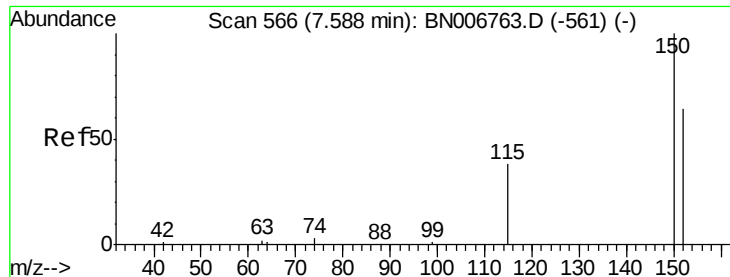
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.58 min Scan# 565

Delta R.T. -0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

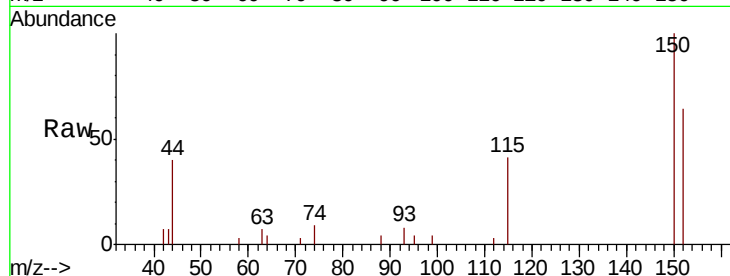
Tot Ion:152 Resp: 2945

Ion Ratio Lower Upper

152 100

150 155.1 123.6 185.4

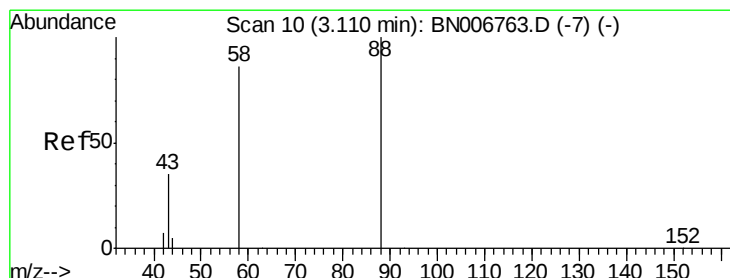
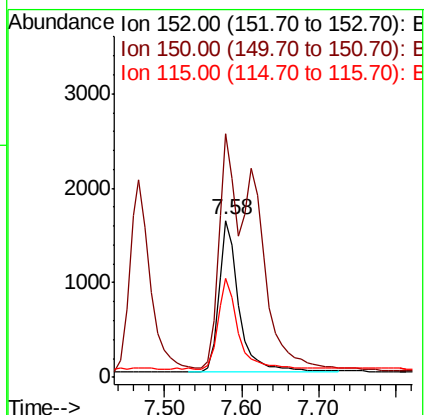
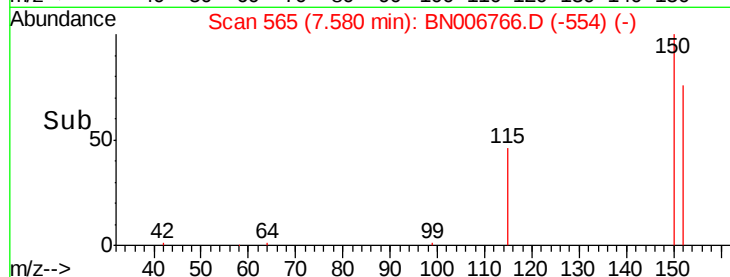
115 63.5 52.5 78.7



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: 3.077 ng

RT: 3.11 min Scan# 10

Delta R.T. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

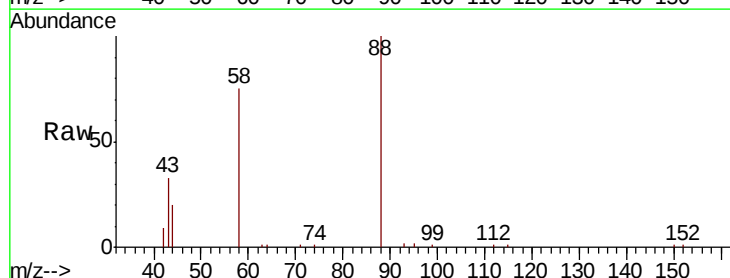
Tgt Ion: 88 Resp: 14161

Ion Ratio Lower Upper

88 100

58 83.6 61.8 92.6

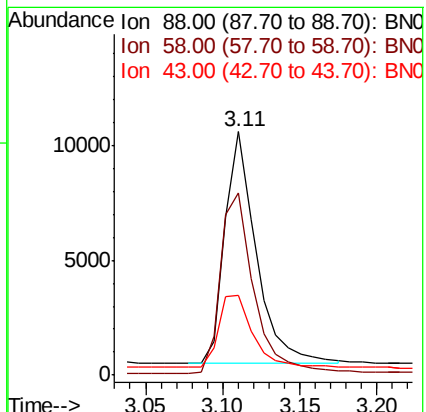
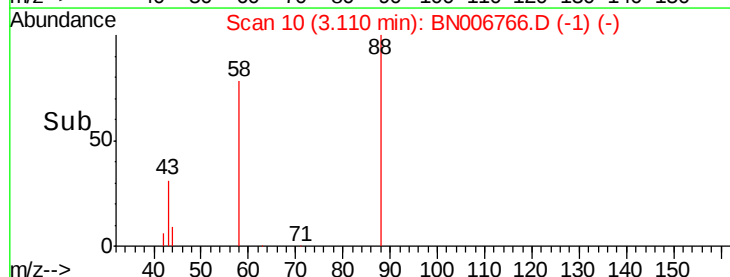
43 34.4 27.9 41.9

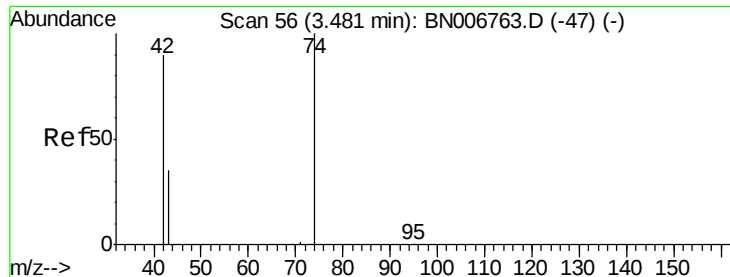


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



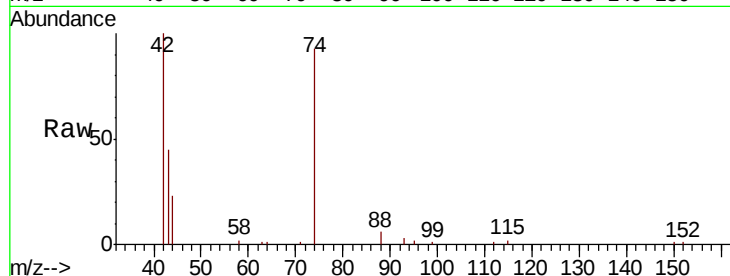


#3

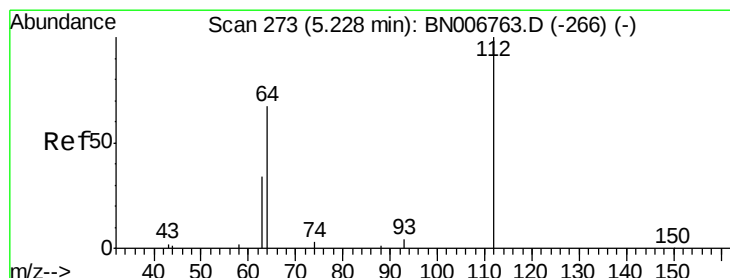
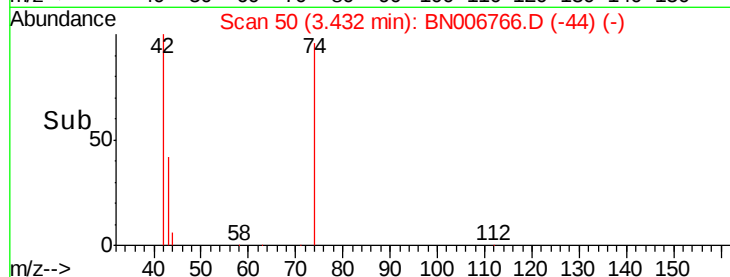
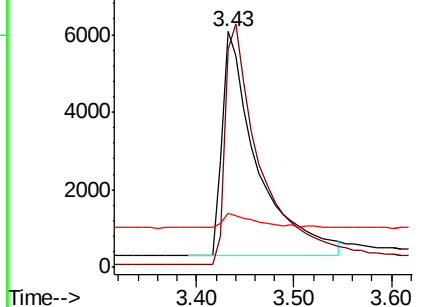
n-Nitrosodimethylamine
 Concen: 4.215 ng
 RT: 3.43 min Scan# 50
 Delta R.T. -0.05 min
 Lab File: BN006766.D
 Acq: 09 Jul 2019 11:33

Instrument :
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 SSTDICC3.2

Tot Ion: 42 Resp: 14631
 Ion Ratio Lower Upper
 42 100
 74 109.3 86.2 129.4
 44 6.4 7.0 10.6#



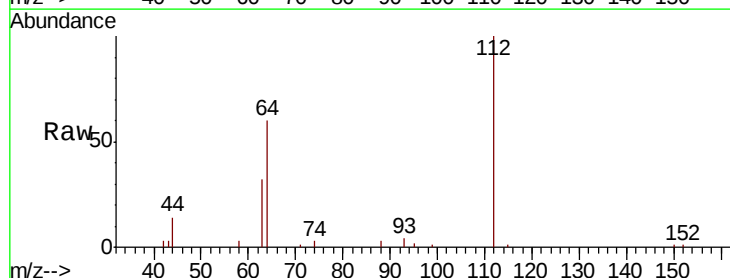
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



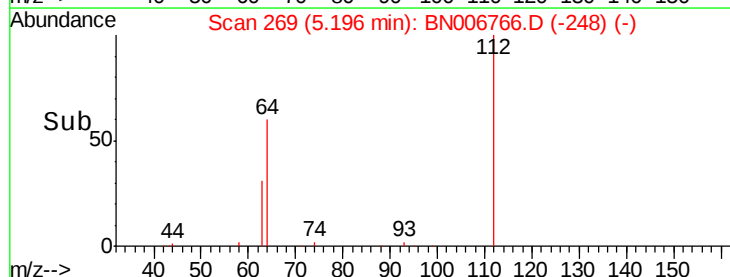
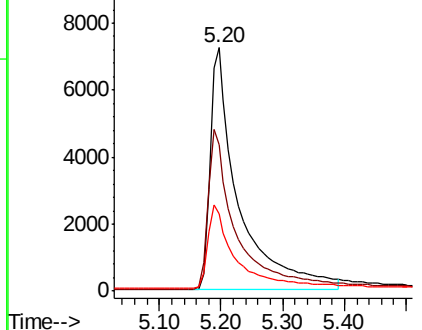
#4

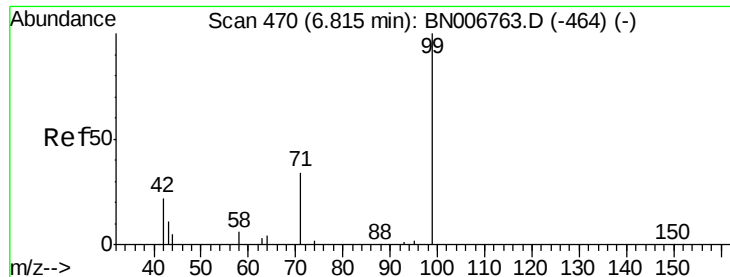
2-Fluorophenol
 Concen: 2.918 ng
 RT: 5.20 min Scan# 269
 Delta R.T. -0.03 min
 Lab File: BN006766.D
 Acq: 09 Jul 2019 11:33

Tgt Ion: 112 Resp: 23334
 Ion Ratio Lower Upper
 112 100
 64 65.1 52.7 79.1
 63 34.2 27.7 41.5



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: 3.173 ng

RT: 6.77 min Scan# 464

Delta R.T. -0.05 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

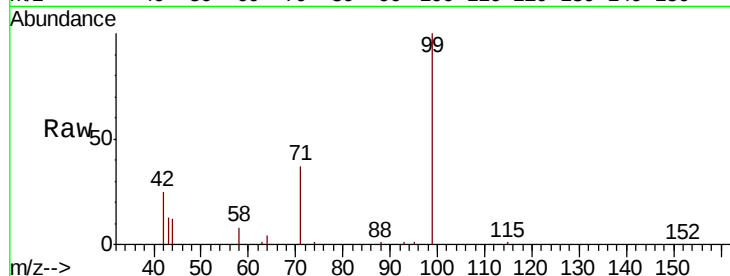
Tot Ion: 99 Resp: 32123

Ion Ratio Lower Upper

99 100

42 23.6 17.0 25.6

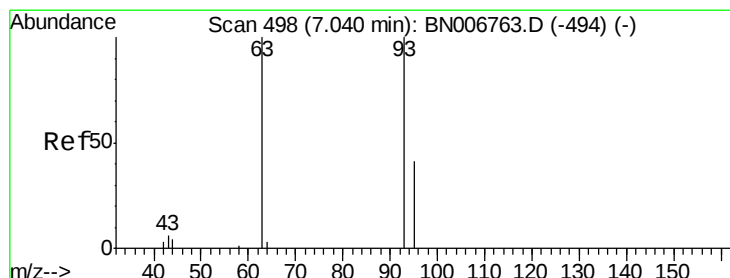
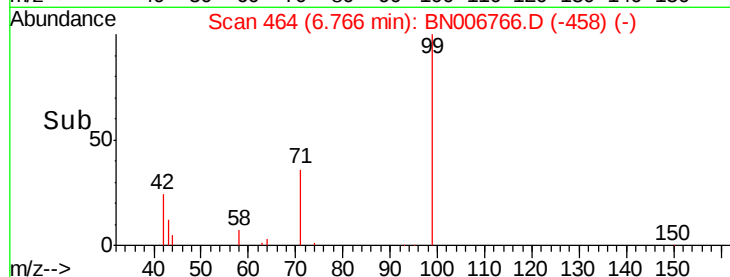
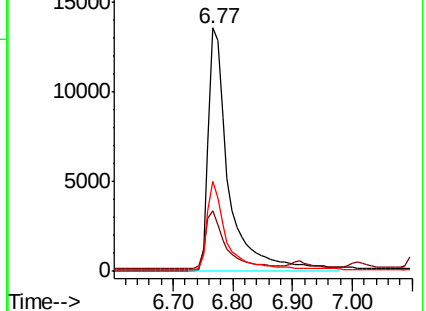
71 35.0 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BN006766.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006766.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006766.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.304 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.03 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

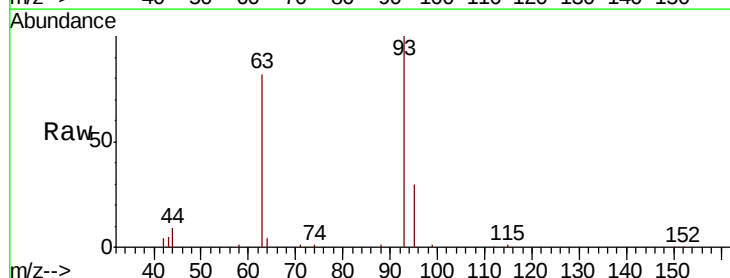
Tgt Ion: 93 Resp: 28260

Ion Ratio Lower Upper

93 100

63 80.7 48.6 73.0#

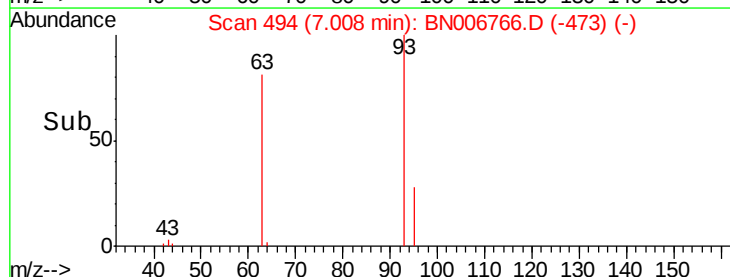
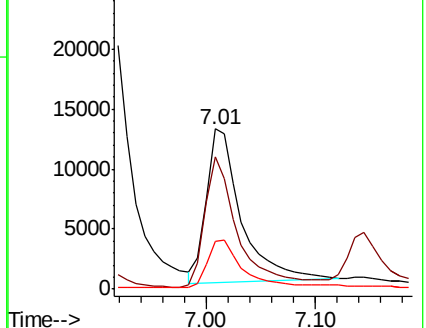
95 34.1 22.9 34.3

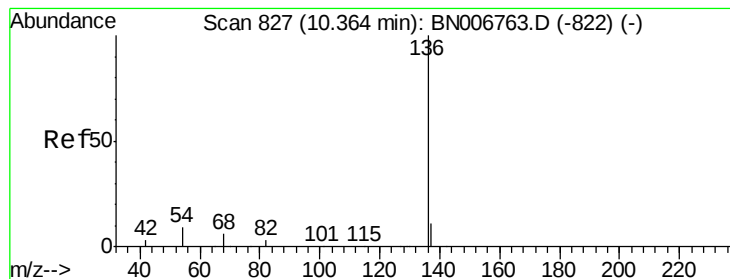


Abundance Ion 93.00 (92.70 to 93.70): BN006766.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN006766.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN006766.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 11810

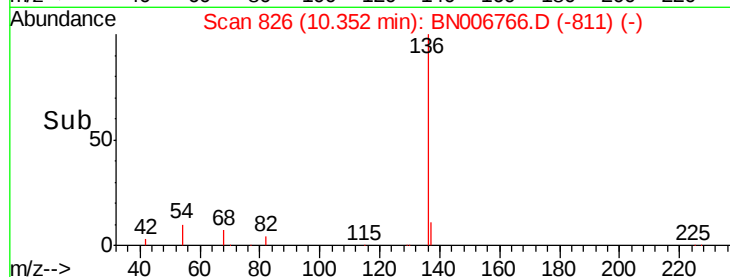
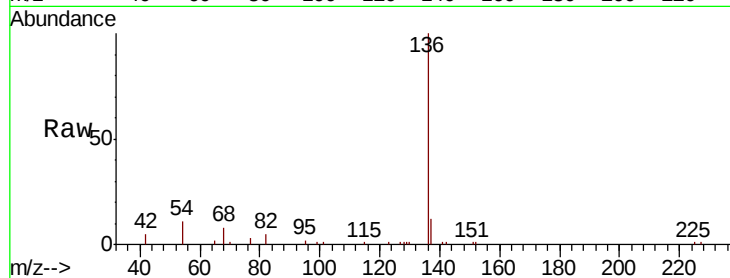
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 11.2 8.4 12.6

68 8.3 6.4 9.6

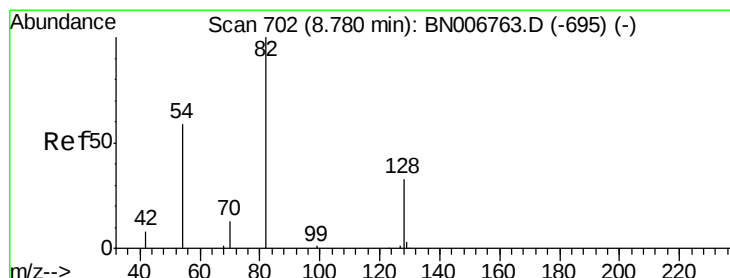
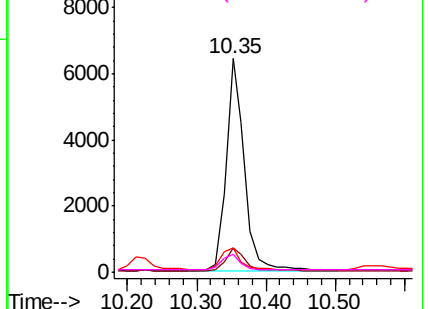


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.306 ng

RT: 8.73 min Scan# 698

Delta R.T. -0.05 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

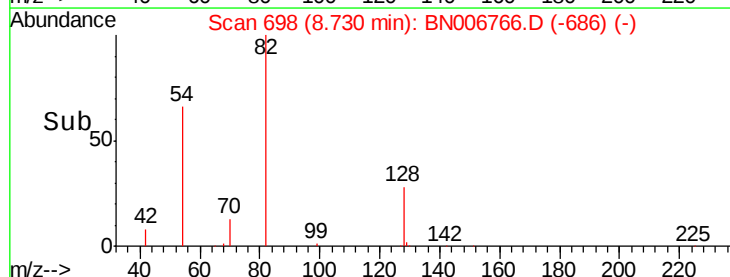
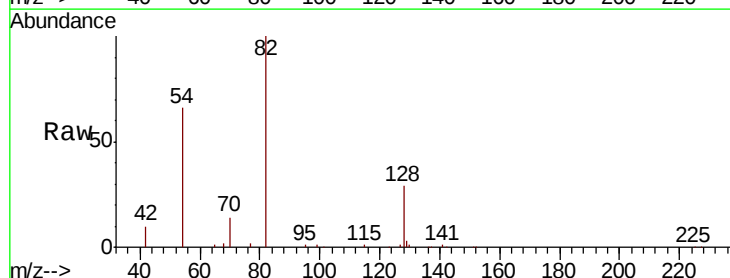
Tgt Ion: 82 Resp: 29944

Ion Ratio Lower Upper

82 100

128 28.9 33.0 49.6#

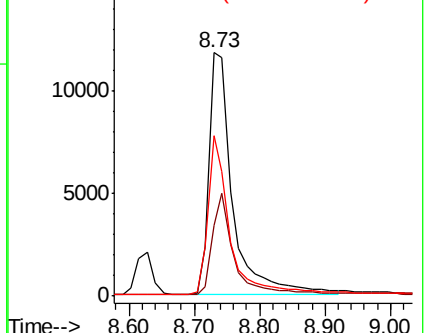
54 66.0 52.2 78.2

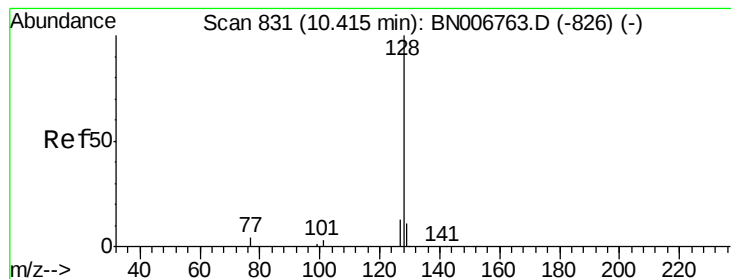


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.099 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

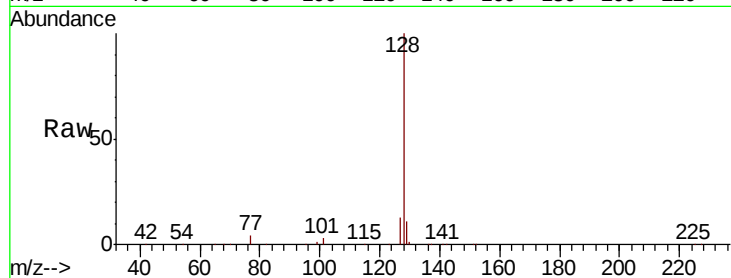
Tot Ion:128 Resp: 100131

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

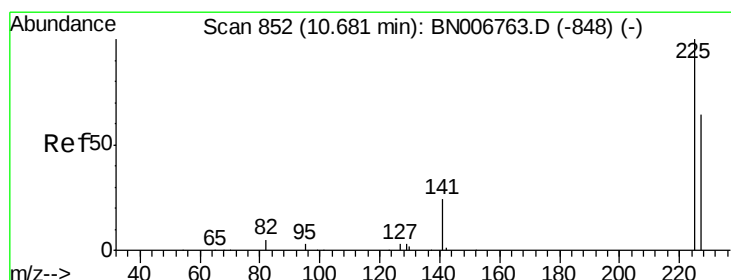
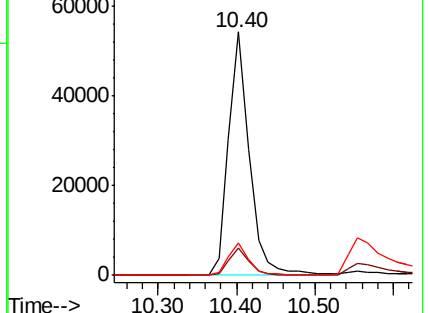
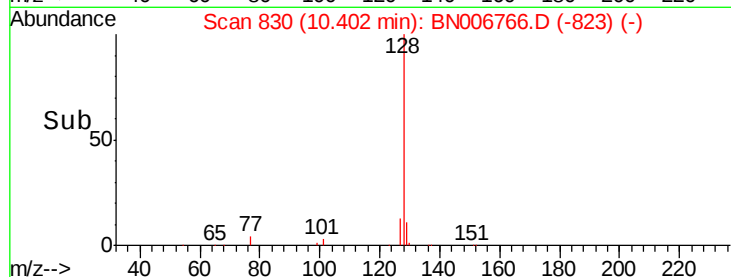
127 13.1 11.0 16.4



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: 3.115 ng

RT: 10.68 min Scan# 852

Delta R.T. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

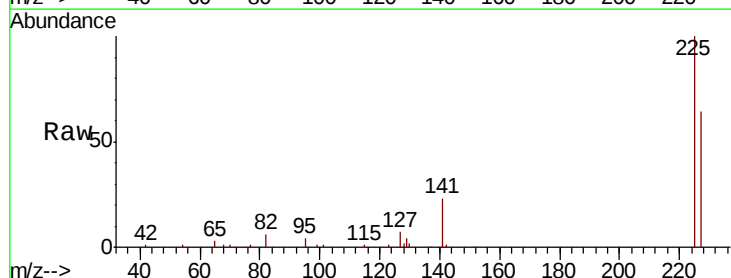
Tgt Ion:225 Resp: 20373

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

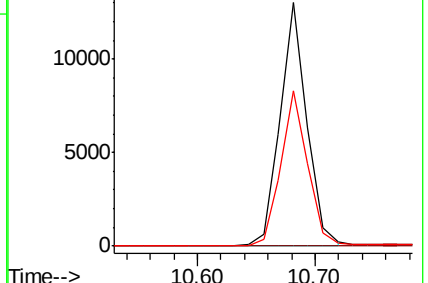
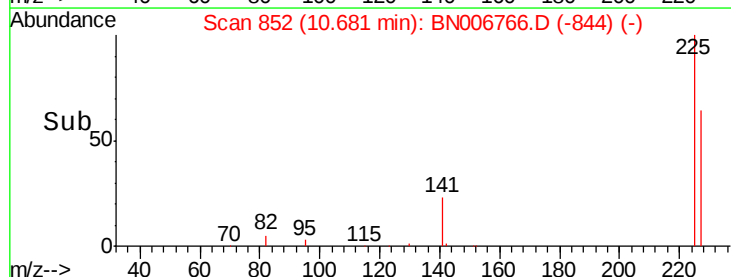
227 64.0 50.8 76.2

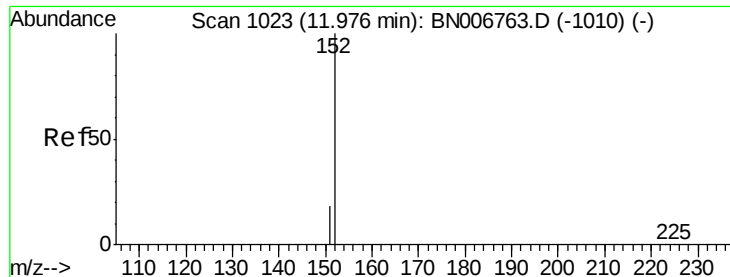


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

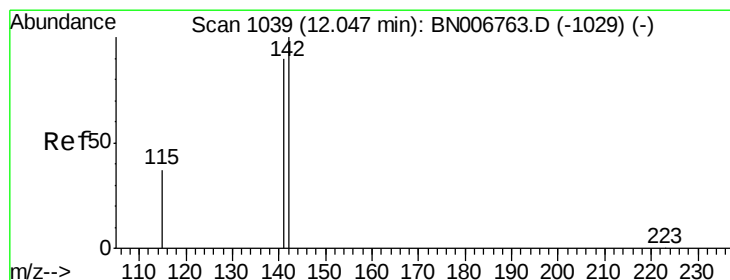
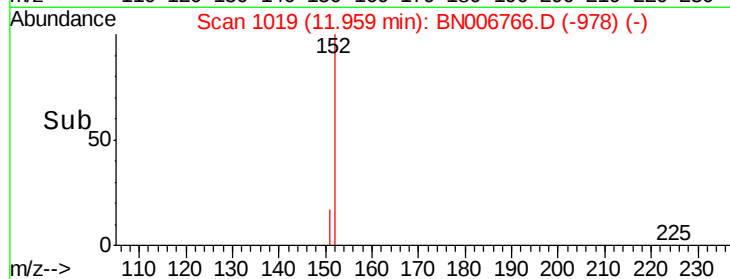
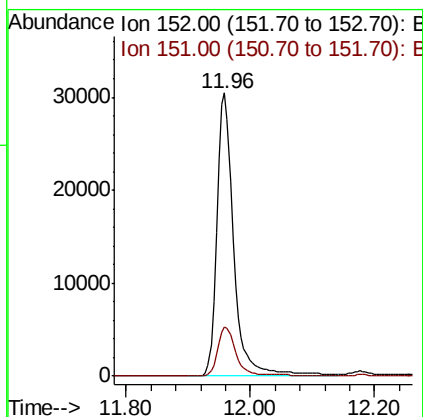
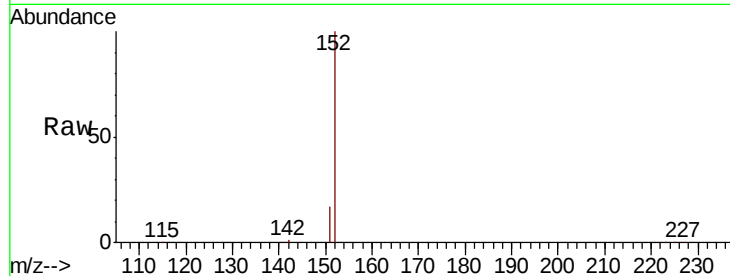




#11
2-Methylnaphthalene-d10
Concen: 3.226 ng
RT: 11.96 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

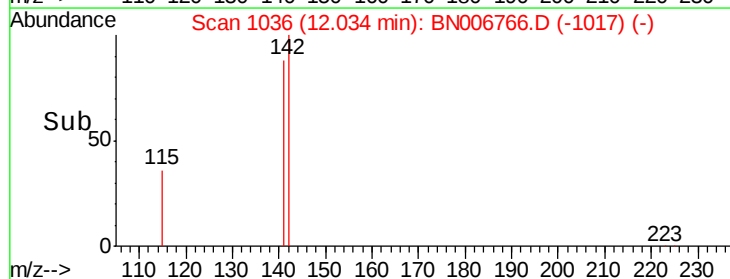
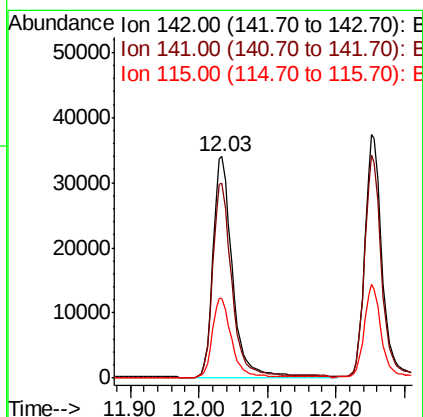
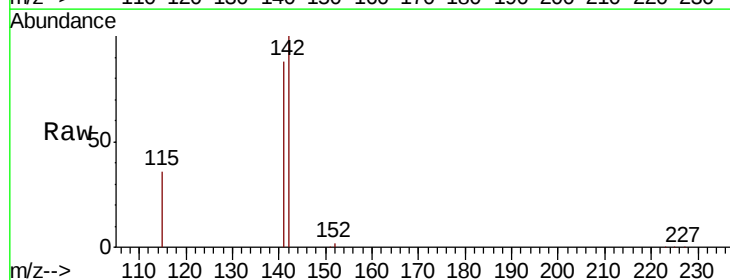
Instrument :
BNA_N
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SSTDICC3.2

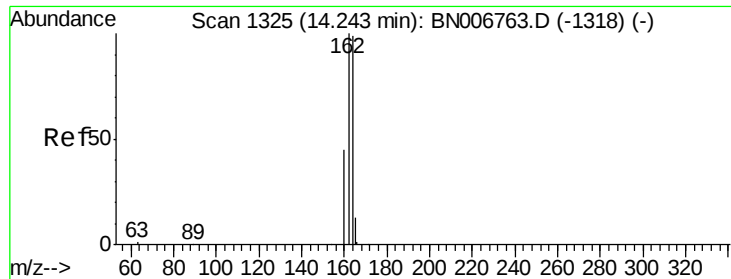
Tot Ion:152 Resp: 57267
Ion Ratio Lower Upper
152 100
151 18.9 15.1 22.7



#12
2-Methylnaphthalene
Concen: 2.784 ng
RT: 12.03 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:142 Resp: 66753
Ion Ratio Lower Upper
142 100
141 87.6 71.7 107.5
115 35.7 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.23 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

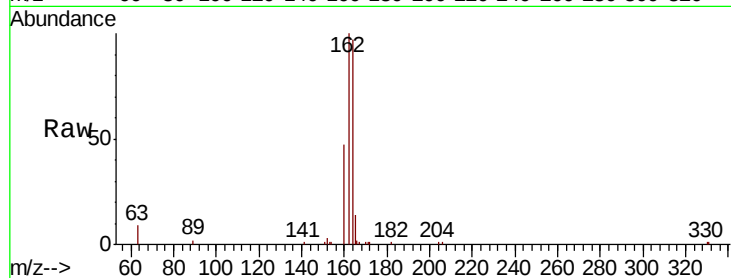
Tot Ion:164 Resp: 6632

Ion Ratio Lower Upper

164 100

162 103.0 81.0 121.4

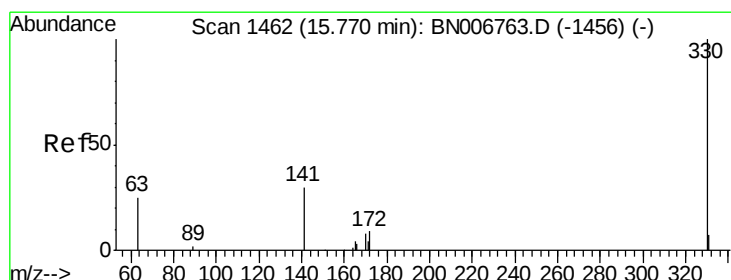
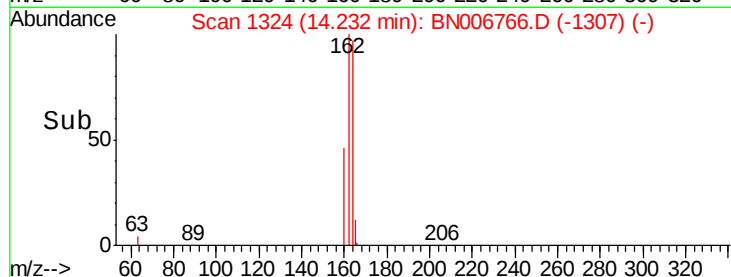
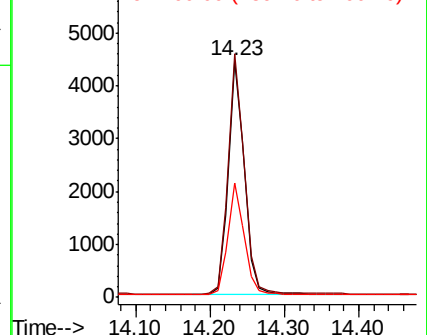
160 48.1 37.4 56.0



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: 3.522 ng

RT: 15.75 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

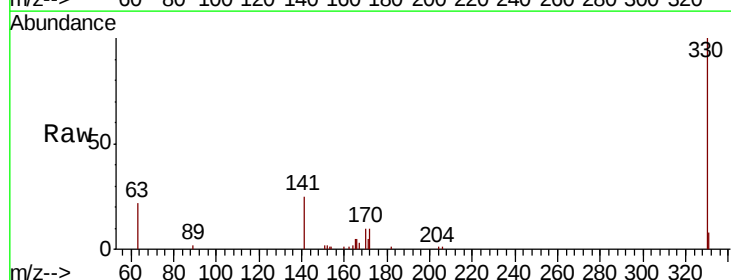
Tgt Ion:330 Resp: 11480

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

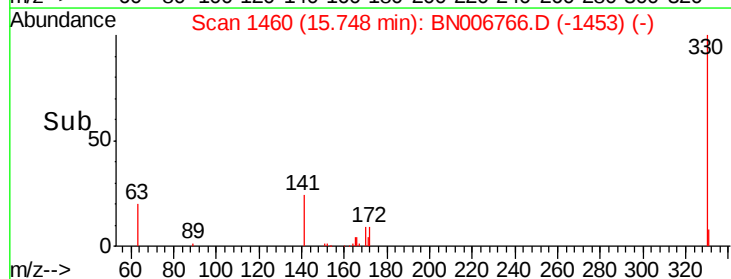
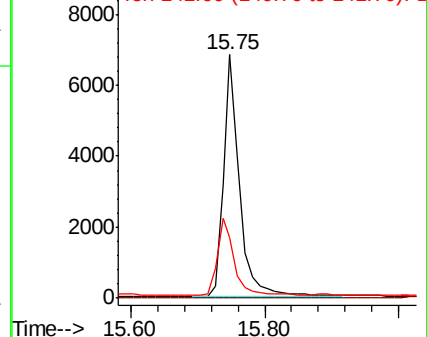
141 32.8 26.6 39.8

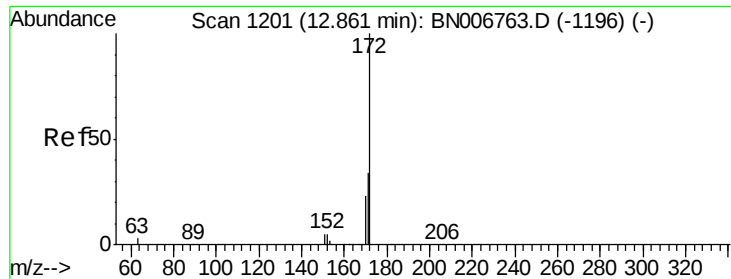


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

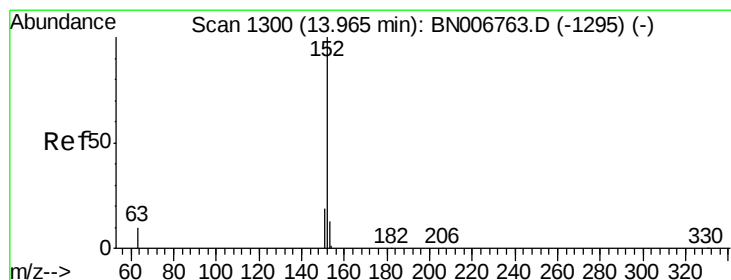
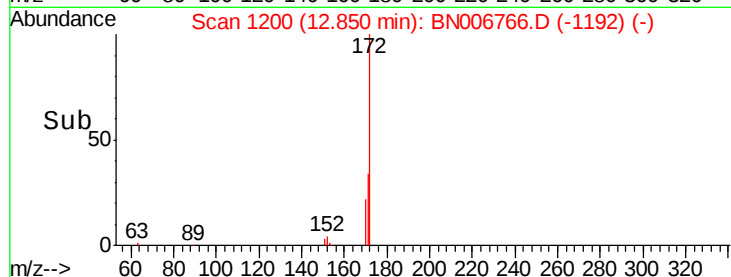
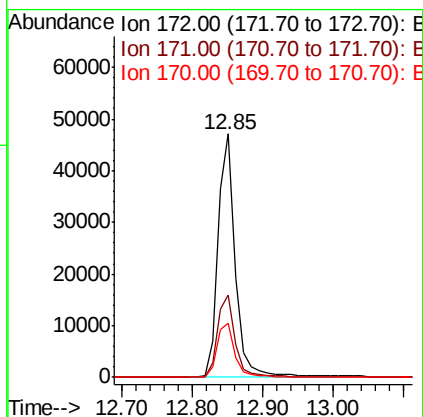
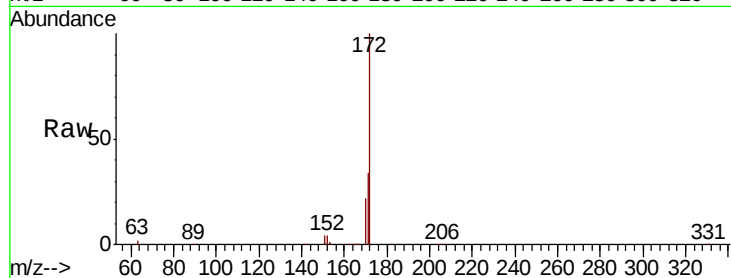




#15
2-Fluorobiphenyl
Concen: 3.144 ng
RT: 12.85 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

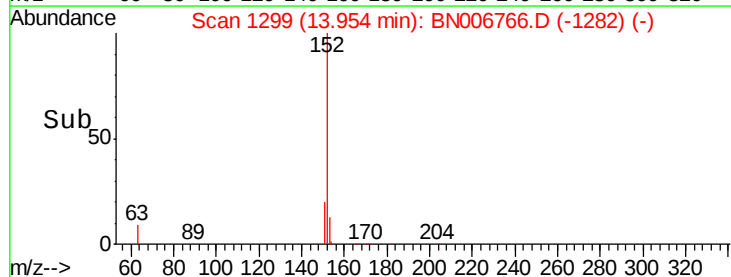
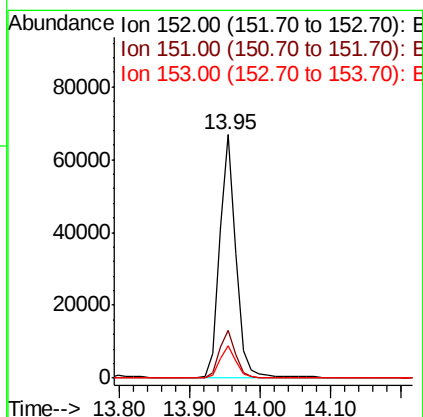
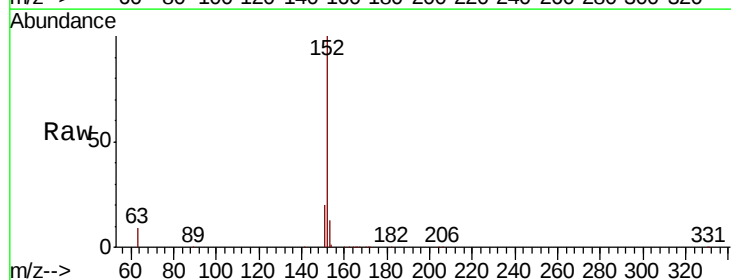
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

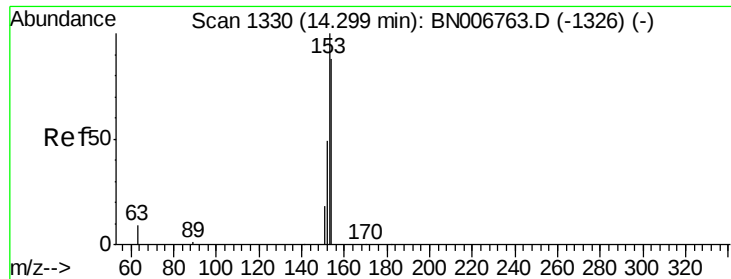
Tot Ion:172 Resp: 81560
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.6
170 22.1 19.0 28.6



#16
Acenaphthylene
Concen: 3.288 ng
RT: 13.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:152 Resp: 108672
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.204 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

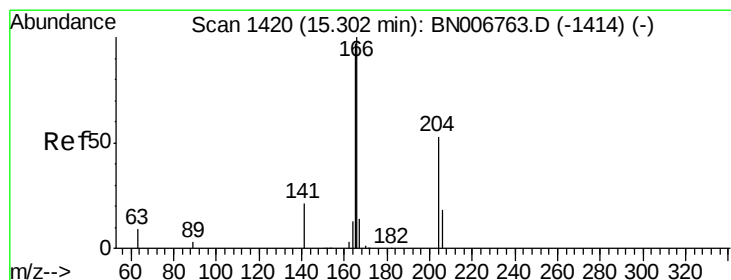
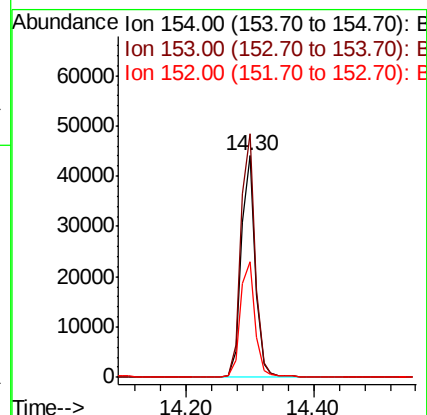
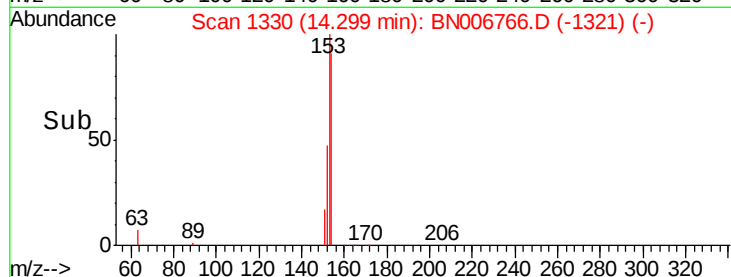
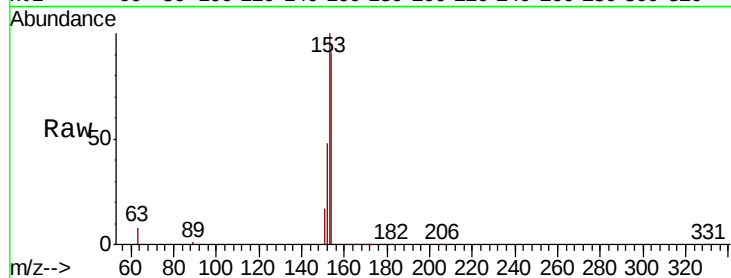
Tot Ion:154 Resp: 67543

Ion Ratio Lower Upper

154 100

153 112.4 90.8 136.2

152 54.5 44.9 67.3



#18

Fluorene

Concen: 3.297 ng

RT: 15.29 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

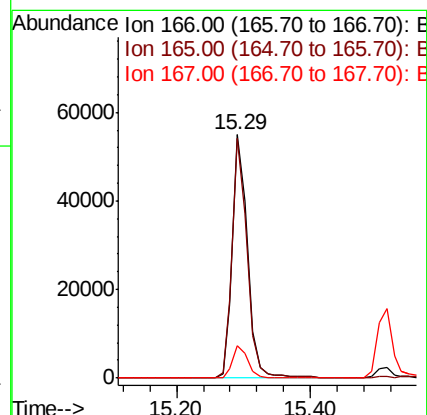
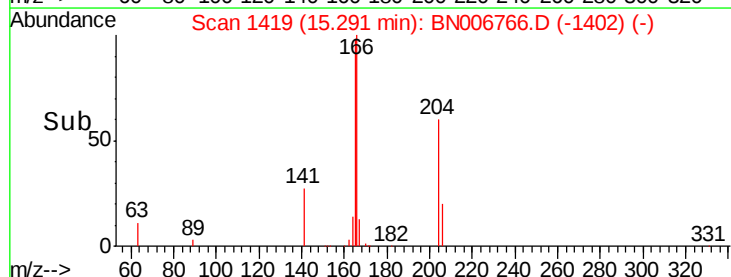
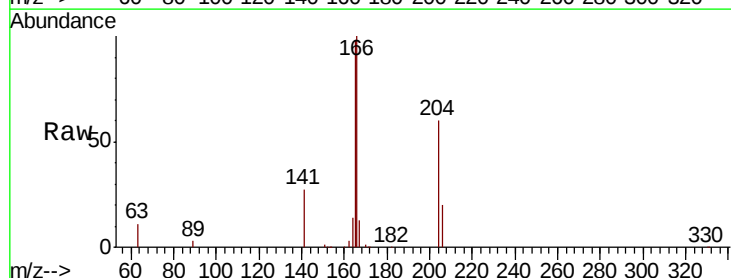
Tgt Ion:166 Resp: 86275

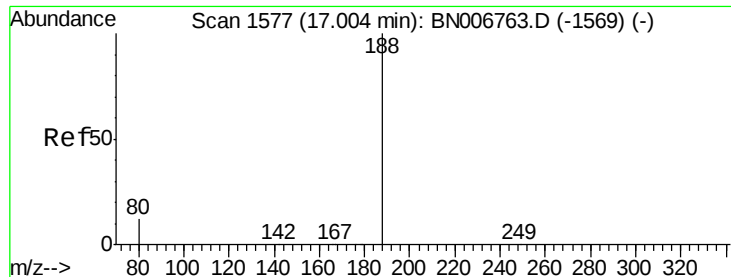
Ion Ratio Lower Upper

166 100

165 97.0 78.2 117.4

167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

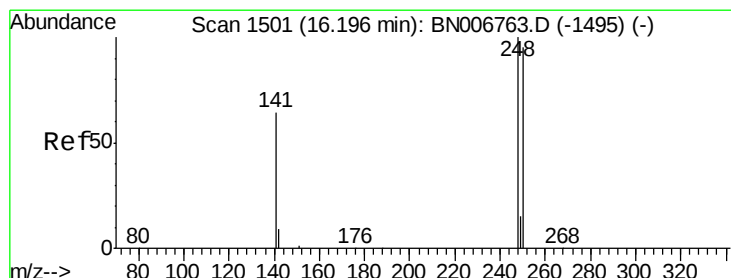
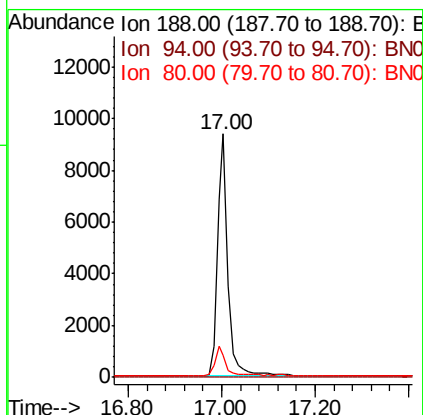
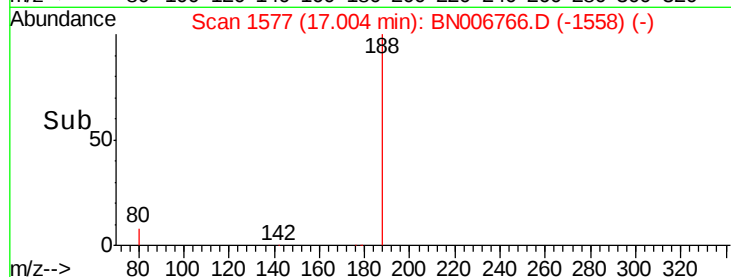
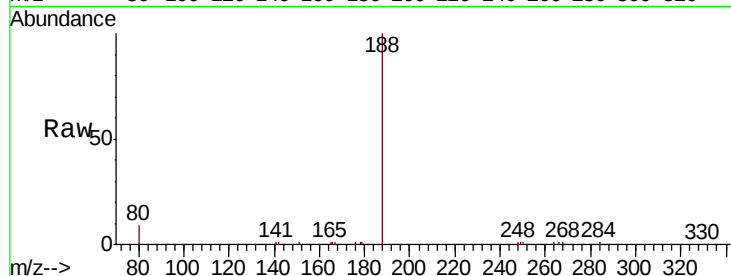
Tot Ion:188 Resp: 15036

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 10.1 15.1#



#20

4-Bromophenyl-phenylether

Concen: 3.301 ng

RT: 16.19 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

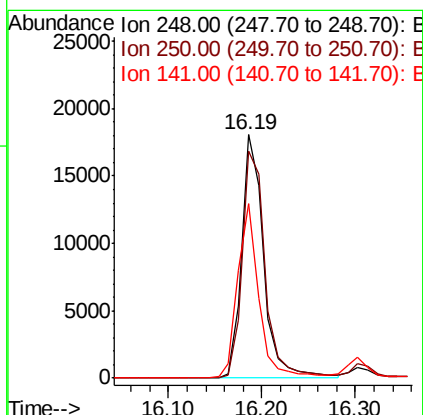
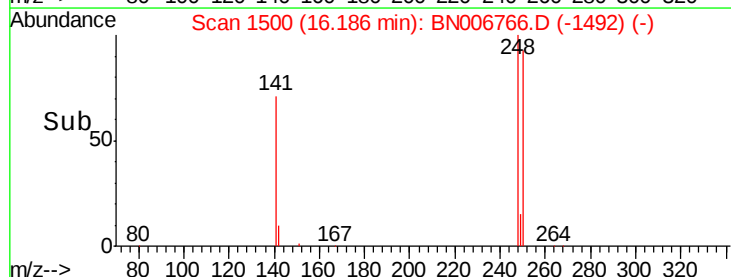
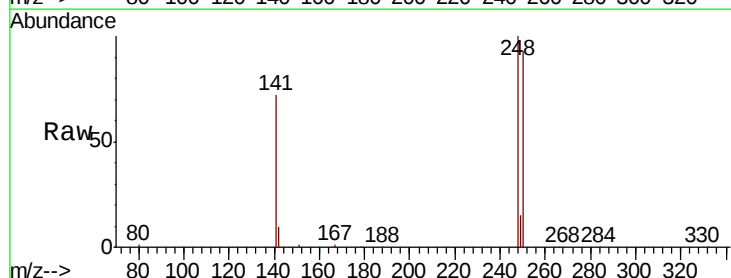
Tgt Ion:248 Resp: 29243

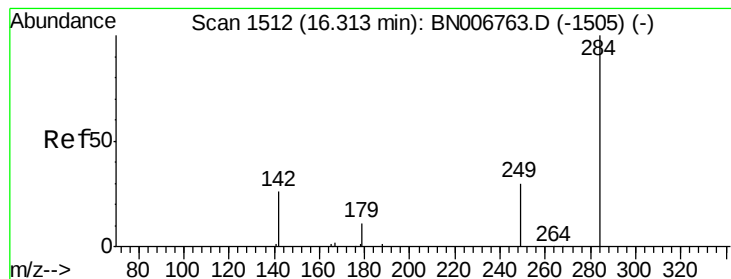
Ion Ratio Lower Upper

248 100

250 93.0 76.5 114.7

141 71.7 53.2 79.8





#21

Hexachlorobenzene

Concen: 3.321 ng

RT: 16.31 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

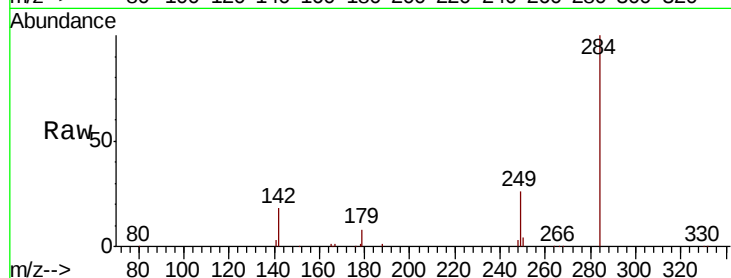
Tot Ion:284 Resp: 34997

Ion Ratio Lower Upper

284 100

142 33.3 27.0 40.4

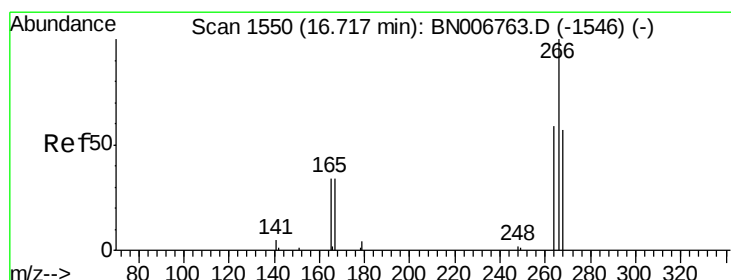
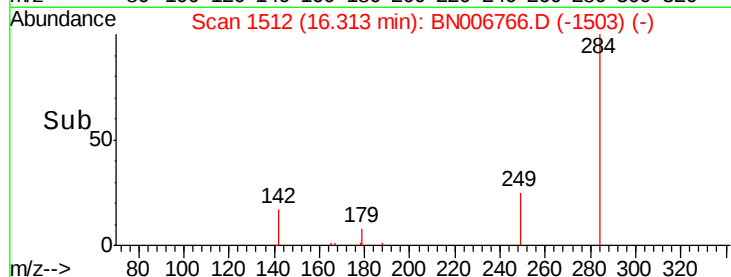
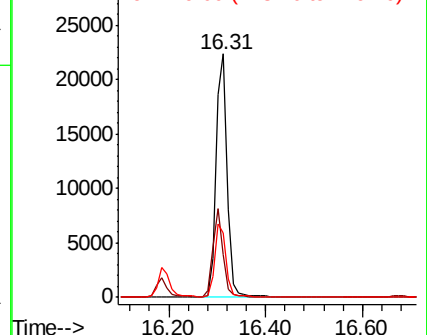
249 30.2 24.3 36.5



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: 4.353 ng

RT: 16.69 min Scan# 1547

Delta R.T. -0.03 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

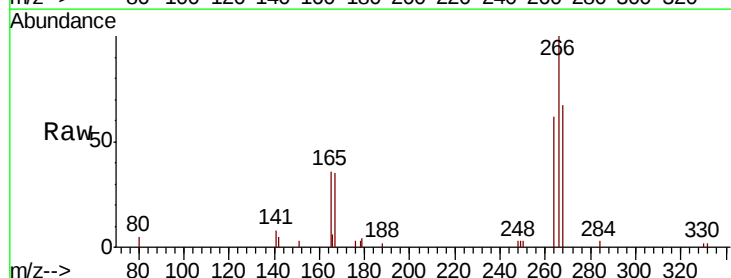
Tgt Ion:266 Resp: 6580

Ion Ratio Lower Upper

266 100

264 61.7 56.2 84.4

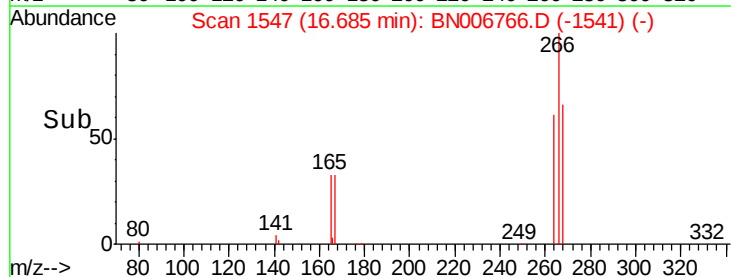
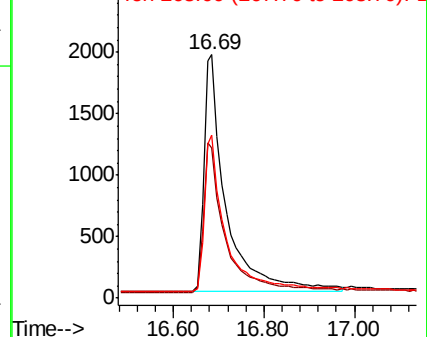
268 67.0 60.2 90.2

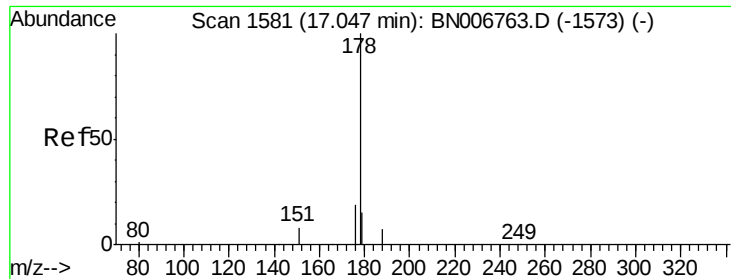


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.196 ng

RT: 17.04 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

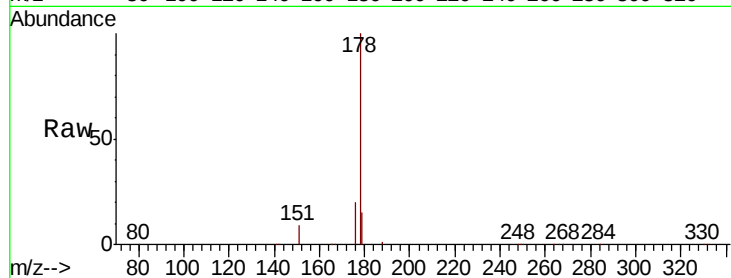
Tot Ion:178 Resp: 138511

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

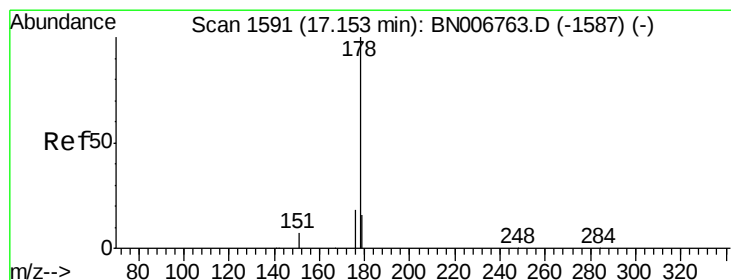
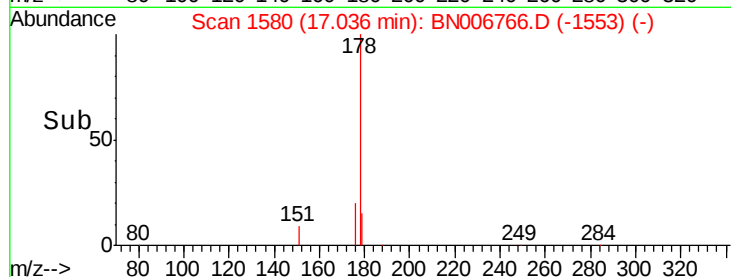
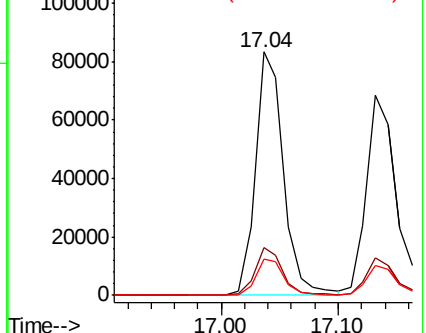
179 15.2 12.2 18.2



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: 3.241 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

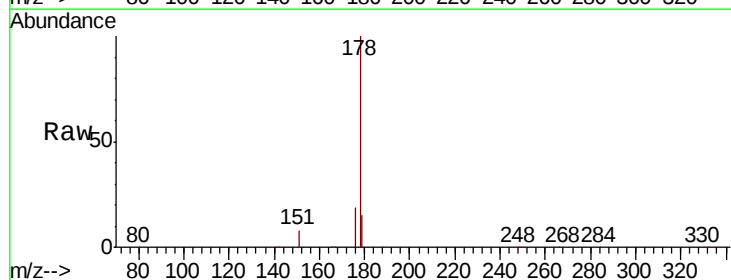
Tgt Ion:178 Resp: 126934

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

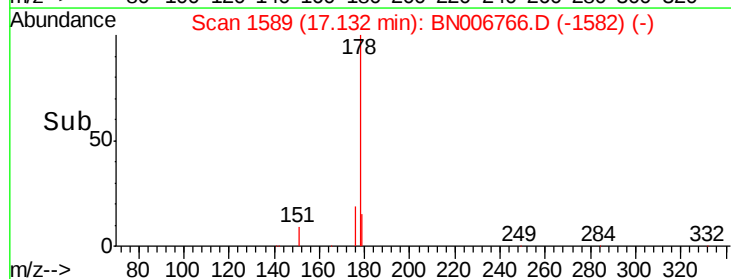
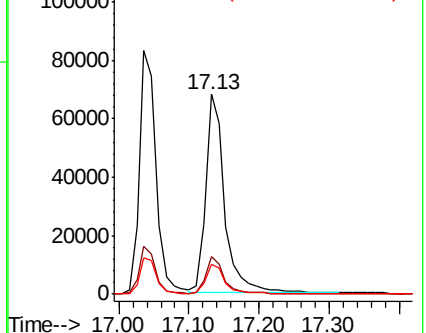
179 15.2 12.1 18.1

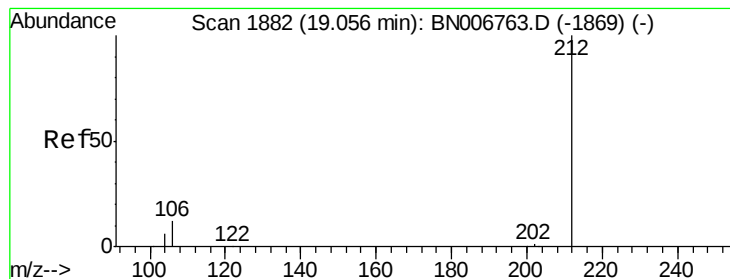


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.362 ng

RT: 19.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

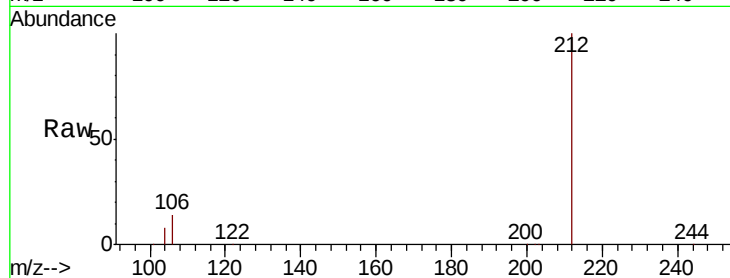
Tot Ion:212 Resp: 144637

Ion Ratio Lower Upper

212 100

106 13.3 10.5 15.7

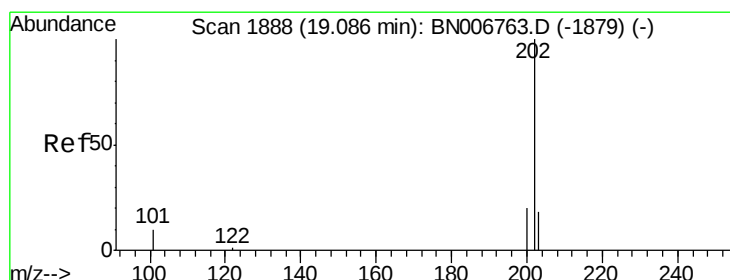
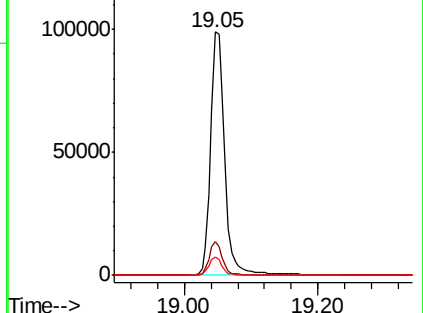
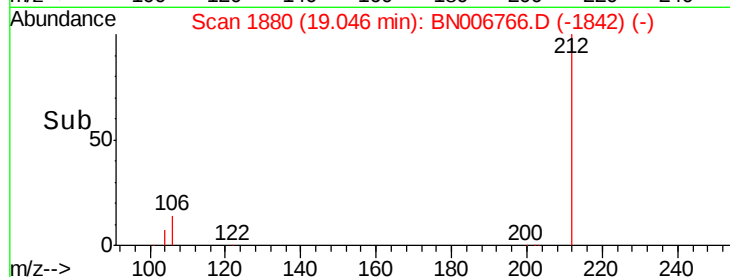
104 7.2 5.9 8.9



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: 3.327 ng

RT: 19.08 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

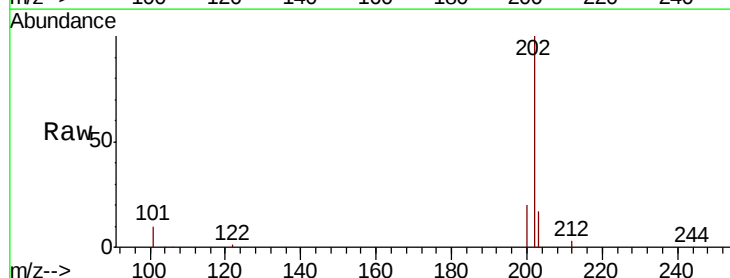
Tgt Ion:202 Resp: 169290

Ion Ratio Lower Upper

202 100

101 11.3 8.8 13.2

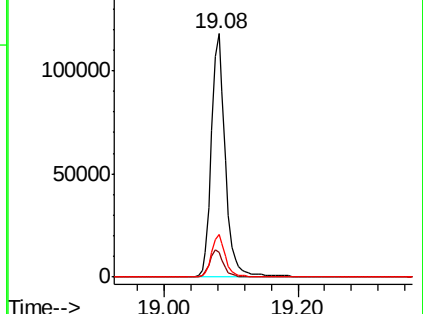
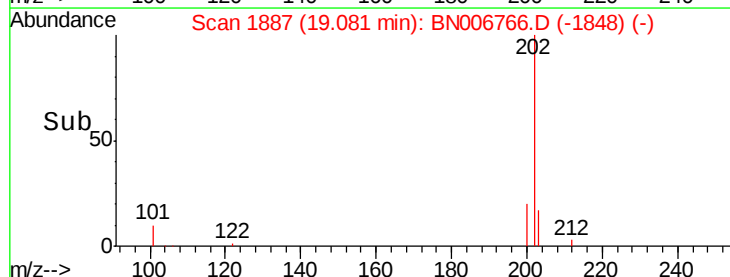
203 17.2 13.6 20.4

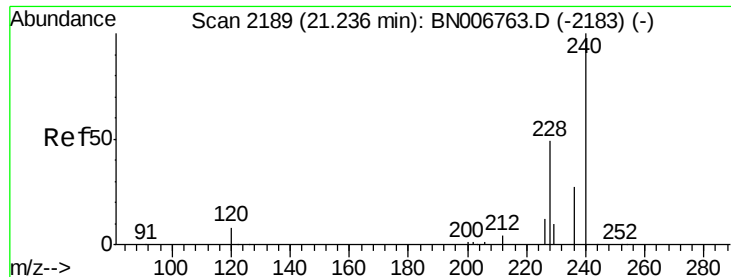


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

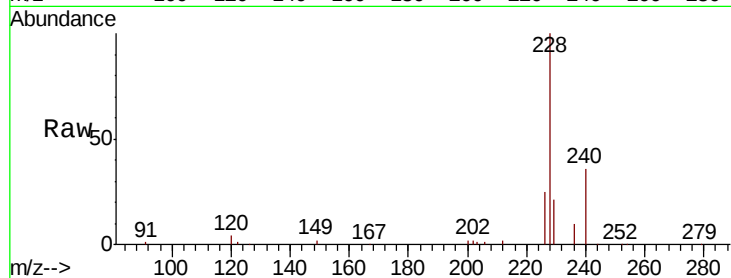
Tot Ion:240 Resp: 15560

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

236 27.1 21.8 32.6

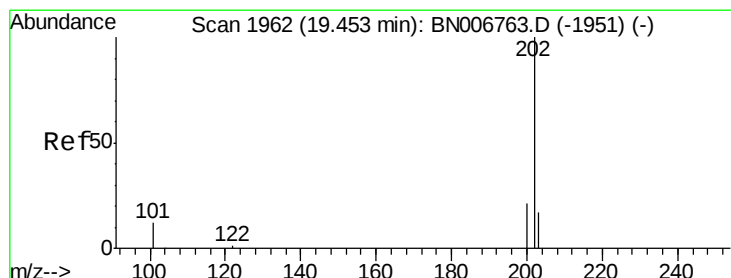
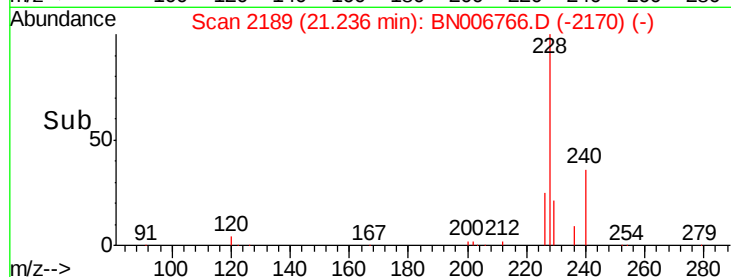
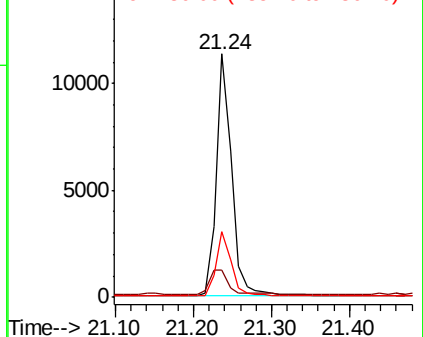


Abundance

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: 2.742 ng

RT: 19.45 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

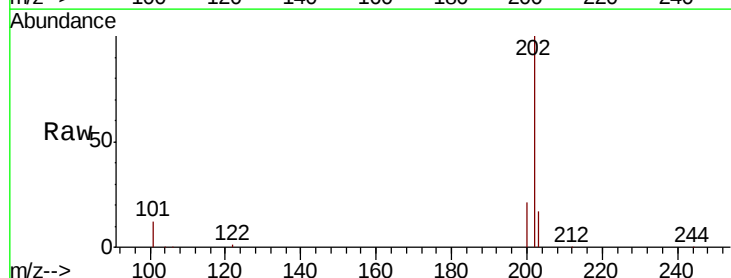
Tgt Ion:202 Resp: 170746

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.4 14.0 21.0

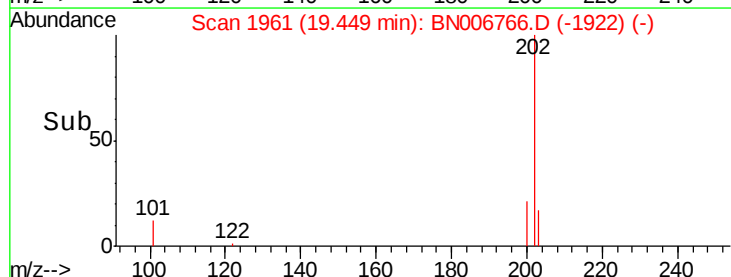
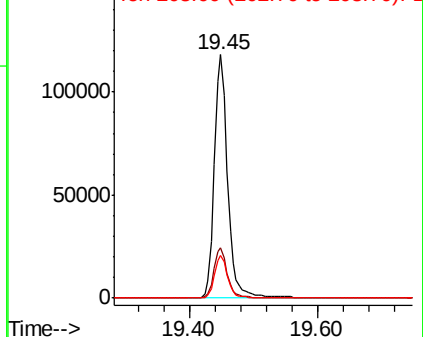


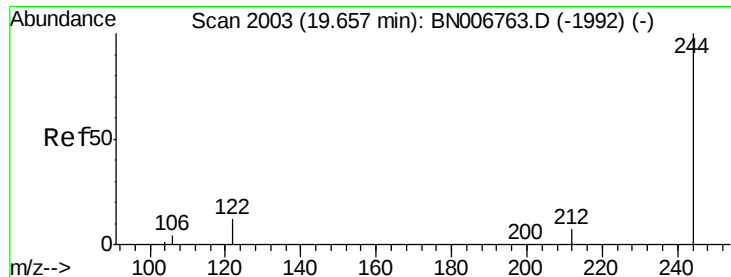
Abundance

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: 3.023 ng

RT: 19.66 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

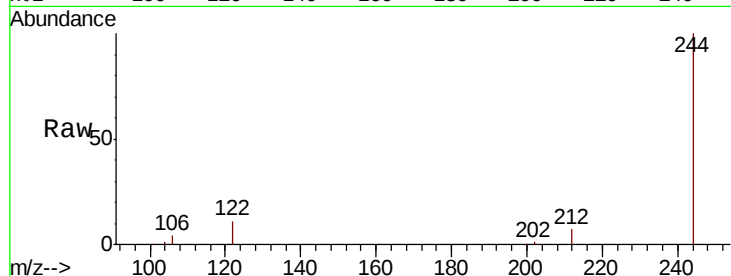
Tot Ion:244 Resp: 108292

Ion Ratio Lower Upper

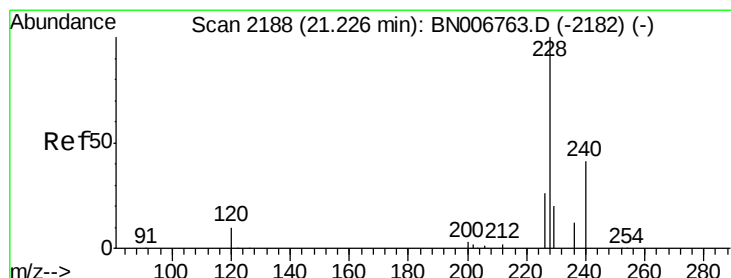
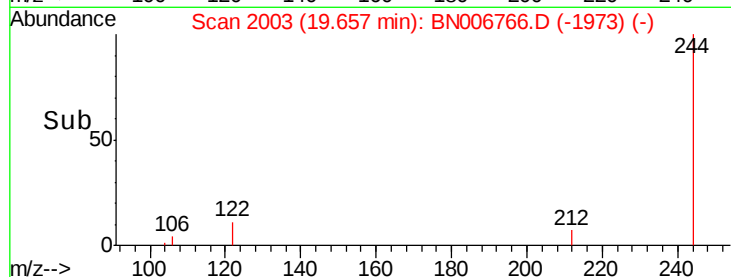
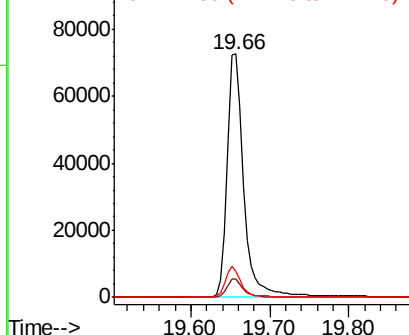
244 100

212 7.3 6.3 9.5

122 10.9 10.3 15.5



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: 2.972 ng

RT: 21.23 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

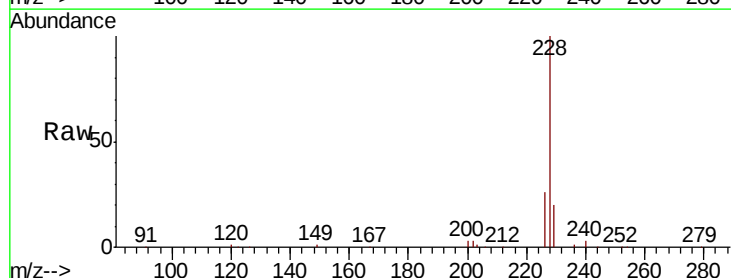
Tgt Ion:228 Resp: 159485

Ion Ratio Lower Upper

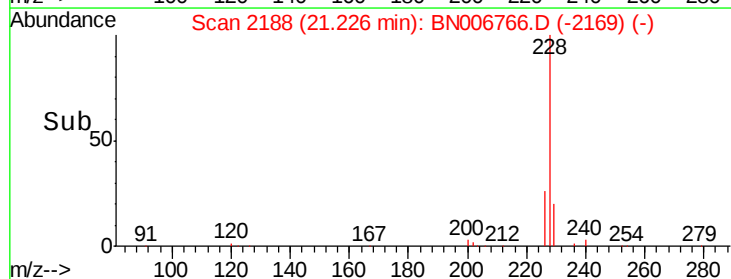
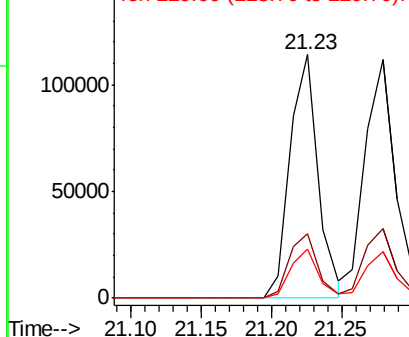
228 100

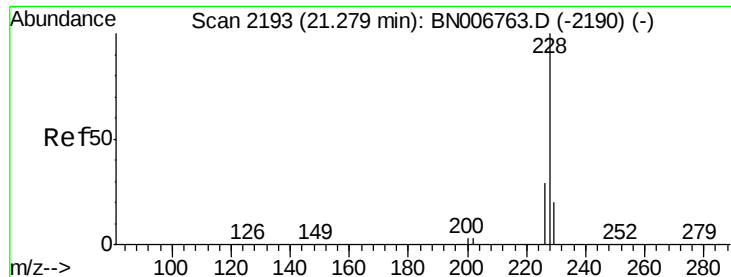
226 26.3 21.2 31.8

229 20.1 16.4 24.6



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: 3.126 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

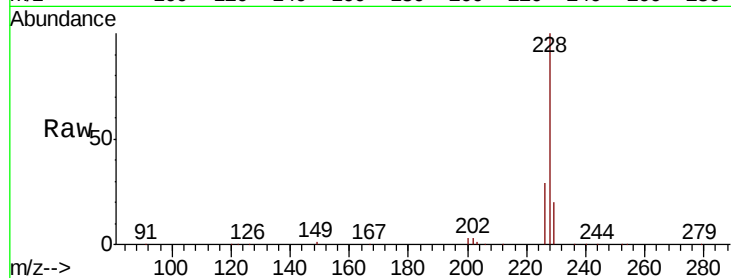
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 172893

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	19.6	16.0	24.0

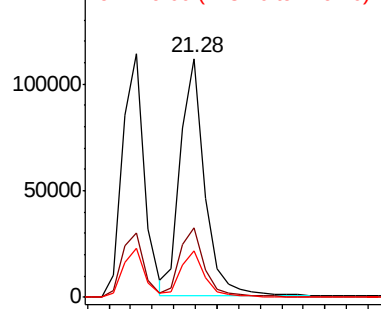


Abundance

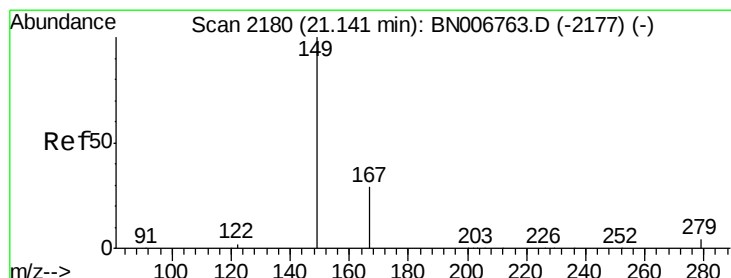
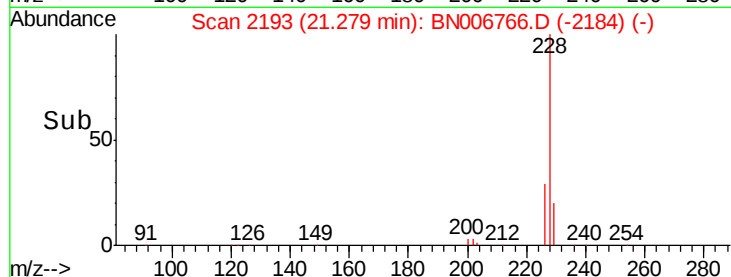
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.458 ng

RT: 21.14 min Scan# 2180

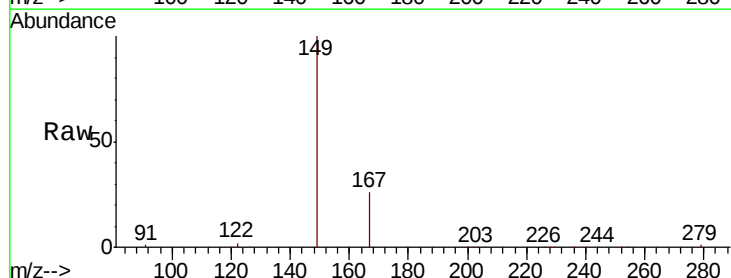
Delta R.T. 0.00 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Tgt Ion:149 Resp: 73261

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.4	3.7	5.5

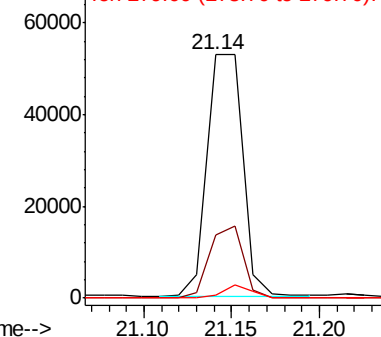


Abundance

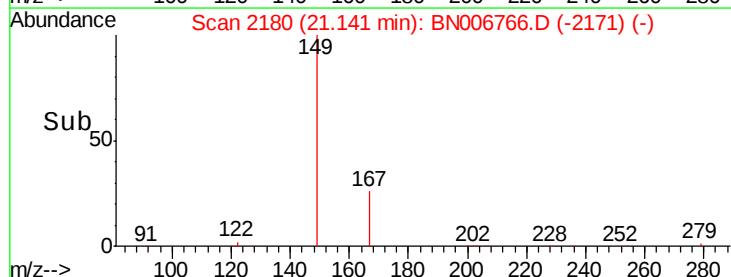
Ion 149.00 (148.70 to 149.70): E

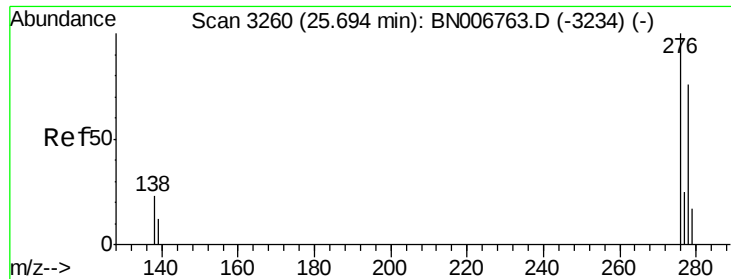
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.107 ng

RT: 25.70 min Scan# 3263

Delta R.T. 0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

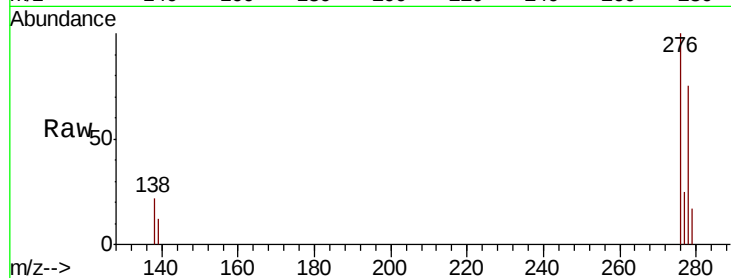
Tot Ion:276 Resp: 205526

Ion Ratio Lower Upper

276 100

138 22.6 17.9 26.9

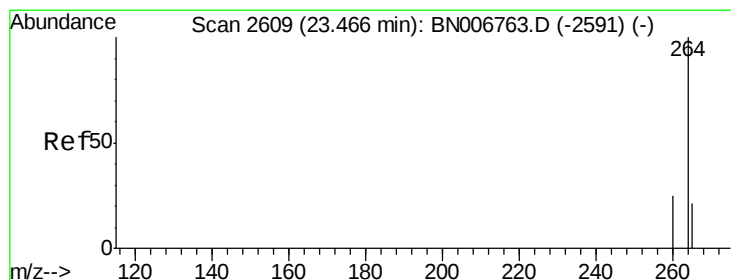
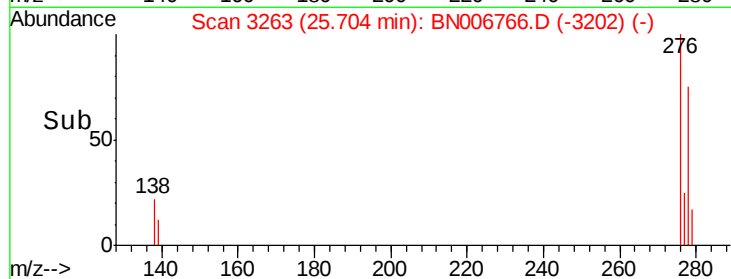
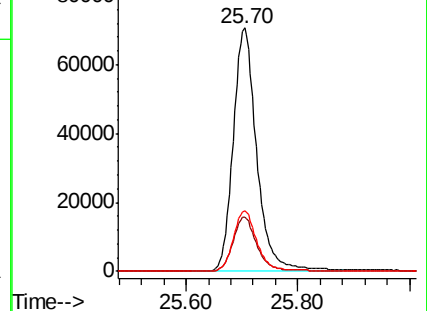
277 25.0 19.8 29.8



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: 23.49 min Scan# 2615

Delta R.T. 0.02 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

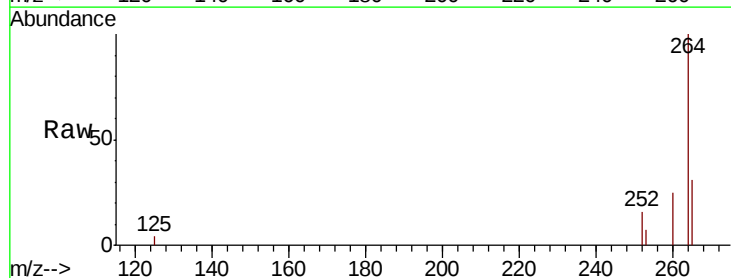
Tgt Ion:264 Resp: 16106

Ion Ratio Lower Upper

264 100

260 24.5 20.2 30.4

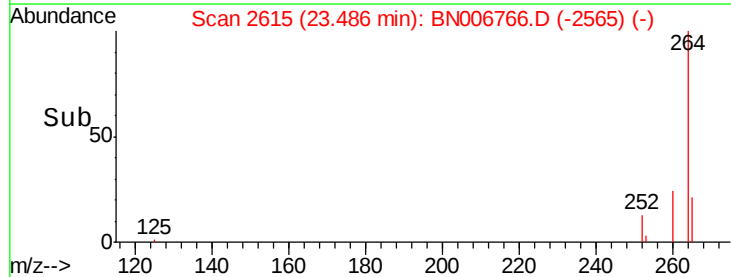
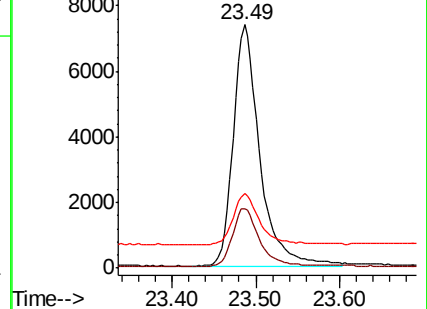
265 30.7 24.6 37.0

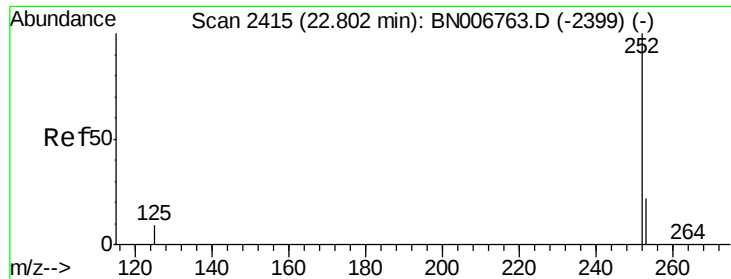


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

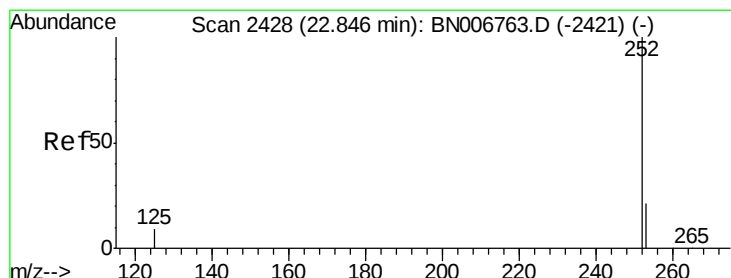
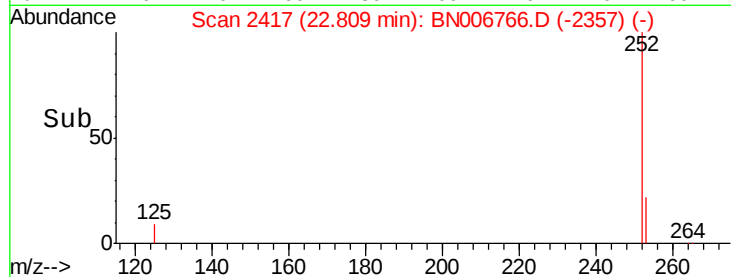
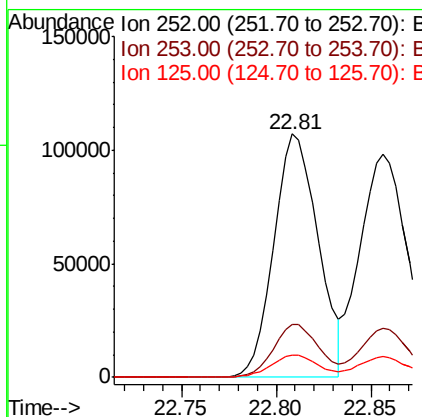
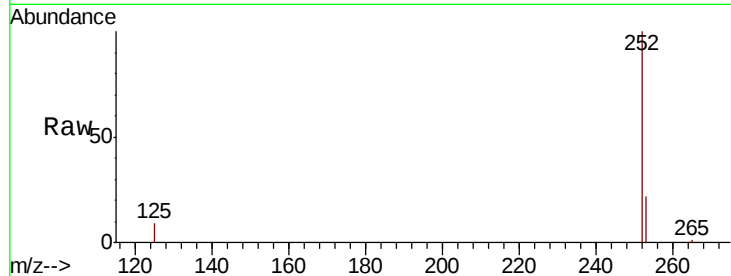




#35
Benzo(b)fluoranthene
Concen: 3.338 ng
RT: 22.81 min Scan# 2417
Delta R.T. 0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

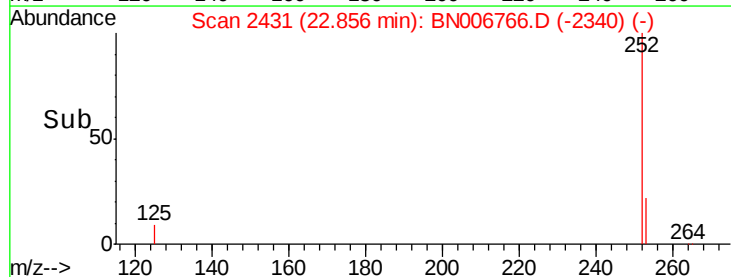
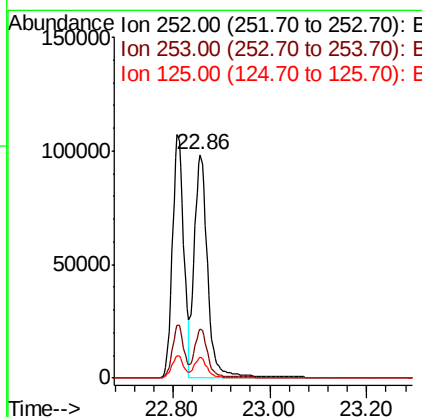
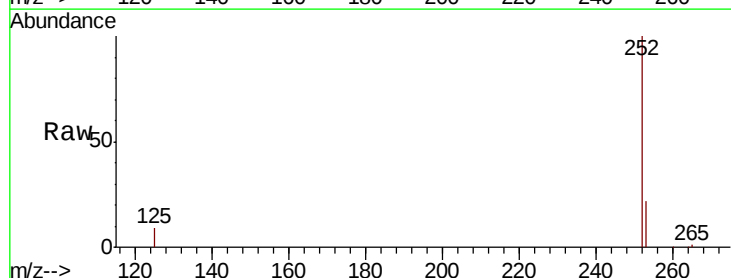
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

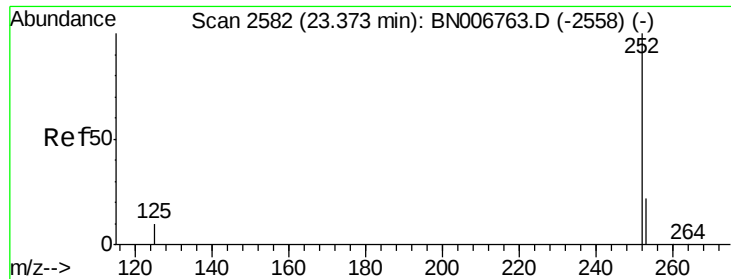
Tot Ion:252 Resp: 172544
Ion Ratio Lower Upper
252 100
253 21.9 18.9 28.3
125 9.3 8.5 12.7



#36
Benzo(k)fluoranthene
Concen: 3.329 ng
RT: 22.86 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:252 Resp: 186634
Ion Ratio Lower Upper
252 100
253 22.0 18.9 28.3
125 9.3 8.4 12.6





#37

Benzo(a)pyrene

Concen: 3.295 ng

RT: 23.38 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

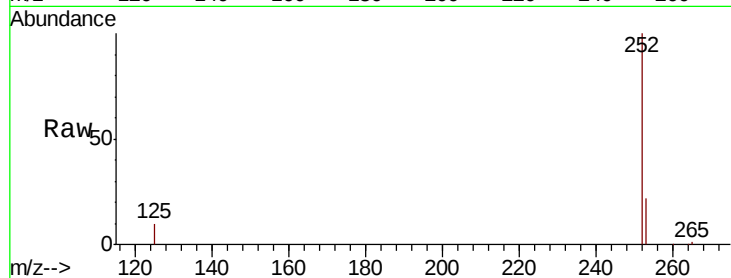
Tot Ion:252 Resp: 165025

Ion Ratio Lower Upper

252 100

253 21.9 19.5 29.3

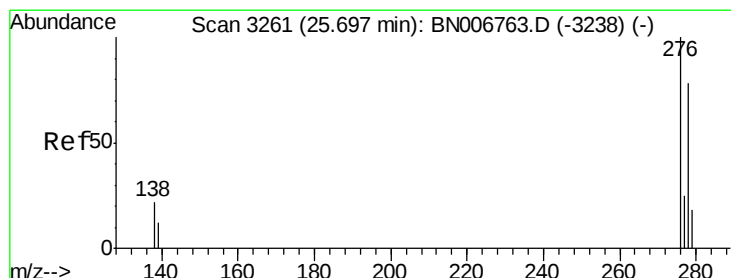
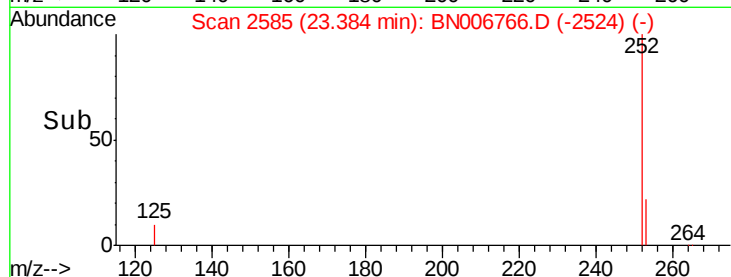
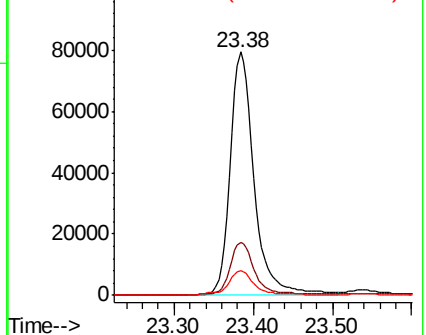
125 10.2 9.5 14.3



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



#38

Dibenzo(a,h)anthracene

Concen: 3.332 ng

RT: 25.71 min Scan# 3264

Delta R.T. 0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

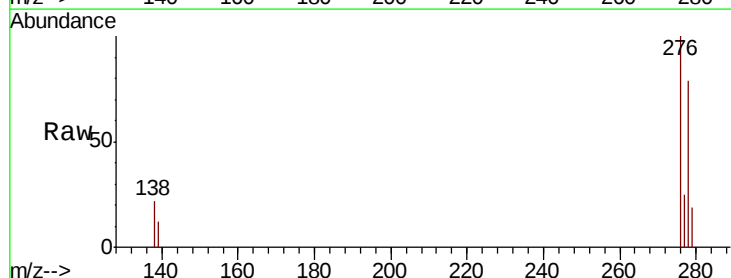
Tgt Ion:278 Resp: 165758

Ion Ratio Lower Upper

278 100

139 15.2 13.1 19.7

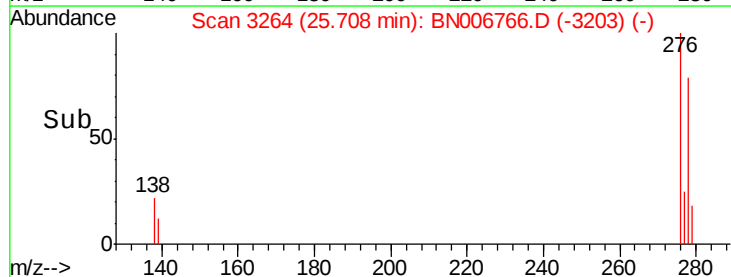
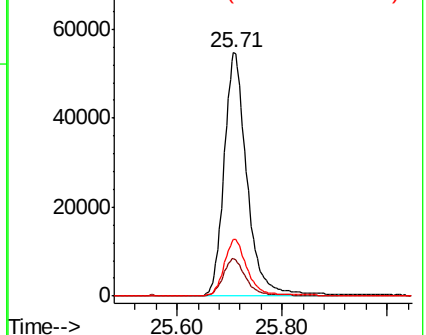
279 23.4 20.2 30.4

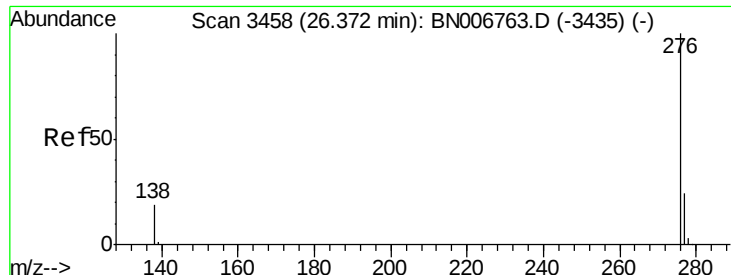


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.294 ng

RT: 26.38 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BN006766.D

Acq: 09 Jul 2019 11:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

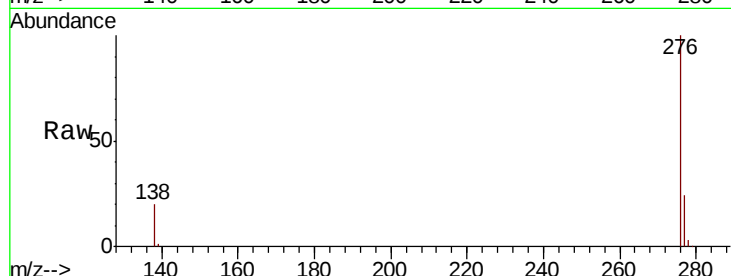
Tot Ion: 276 Resp: 168665

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 19.6 16.2 24.4



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

