

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
 Data File : BN007607.D
 Acq On : 12 Sep 2019 13:59
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Sep 12 14:31:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 12:56:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	7240	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	29058	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	15505	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	34377	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36281	0.40	ng	0.00
34) Perylene-d12	23.50	264	33041	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	111211	5.04	ng	0.00
5) Phenol-d6	6.89	99	147287	4.35	ng	0.00
8) Nitrobenzene-d5	8.86	82	127208	7.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	255080	5.09	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	34572	5.87	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	346194	5.40	ng	0.00
25) Fluoranthene-d10	19.11	212	584391	5.23	ng	0.00
29) Terphenyl-d14	19.72	244	482844	5.12	ng	0.00

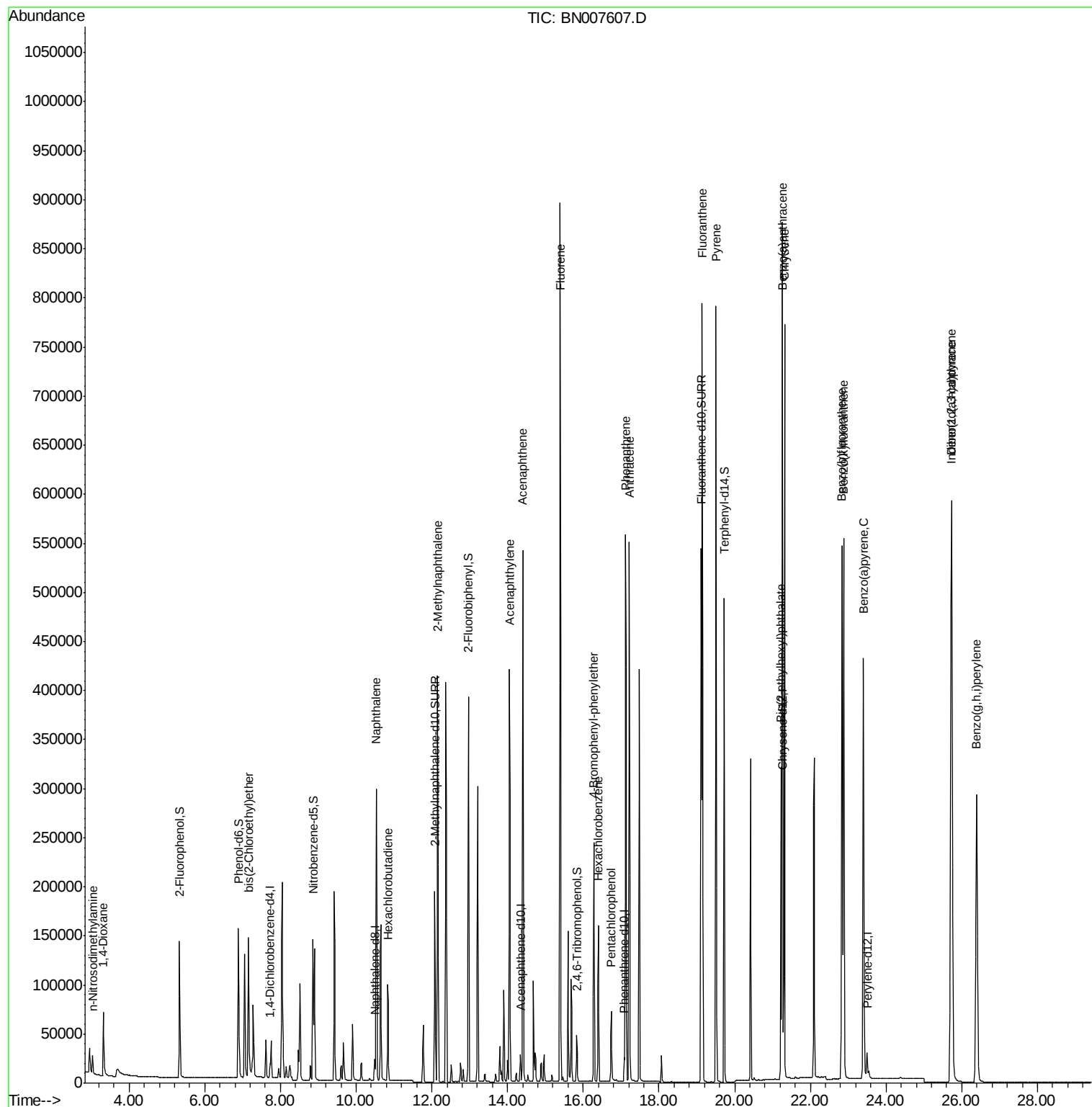
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	49061	6.424	ng	88
3) n-Nitrosodimethylamine	3.03	42	2424	0.560	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	122864	8.604	ng	94
9) Naphthalene	10.53	128	424379	5.192	ng	99
10) Hexachlorobutadiene	10.84	225	85177	5.197	ng	# 100
12) 2-Methylnaphthalene	12.15	142	287398	5.016	ng	99
16) Acenaphthylene	14.05	152	453611	5.447	ng	100
17) Acenaphthene	14.40	154	281547	5.352	ng	97
18) Fluorene	15.39	166	357333	5.159	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	114292	5.622	ng	92
21) Hexachlorobenzene	16.40	284	116472	5.447	ng	99
22) Pentachlorophenol	16.74	266	38326	6.449	ng	98
23) Phenanthrene	17.12	178	570104	5.373	ng	100
24) Anthracene	17.22	178	533831	5.454	ng	100
26) Fluoranthene	19.14	202	676058	5.251	ng	100
28) Pyrene	19.51	202	673051	5.162	ng	100
30) Benzo(a)anthracene	21.26	228	706200	5.440	ng	99
31) Chrysene	21.31	228	685610	5.198	ng	98
32) Bis(2-ethylhexyl)phthalate	21.22	149	264258	5.948	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	737823	5.291	ng	100
35) Benzo(b)fluoranthene	22.84	252	655849	5.582	ng	99
36) Benzo(k)fluoranthene	22.88	252	670005	5.771	ng	97
37) Benzo(a)pyrene	23.40	252	600823	5.752	ng	97
38) Dibenzo(a,h)anthracene	25.74	278	606356	5.781	ng	98
39) Benzo(g,h,i)perylene	26.39	276	601482	5.663	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: 7.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

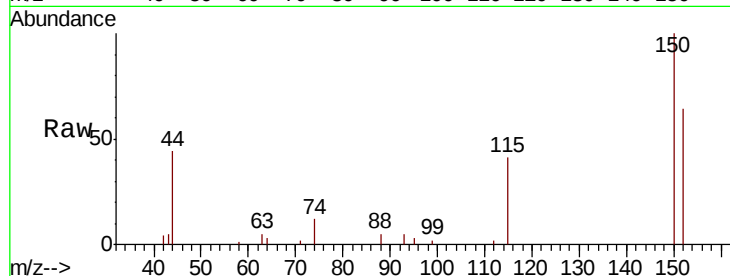
Tot Ion:152 Resp: 7240

Ion Ratio Lower Upper

152 100

150 155.2 122.4 183.6

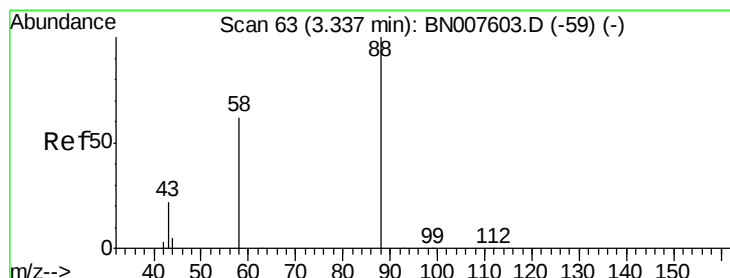
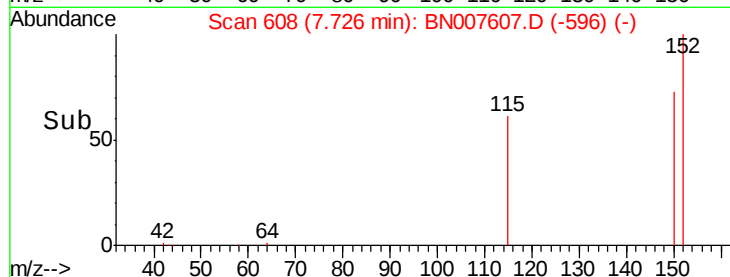
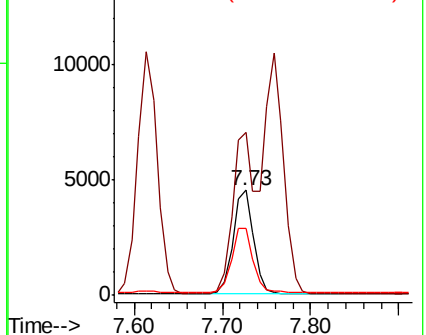
115 63.6 50.4 75.6



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: 6.424 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.02 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

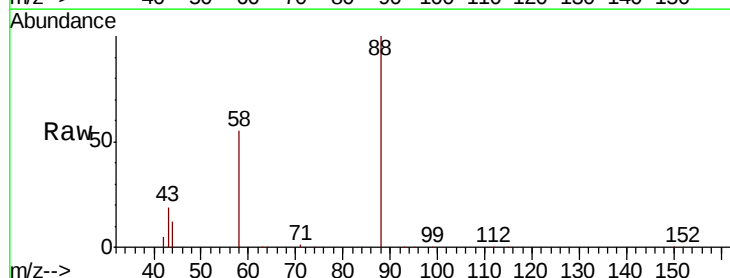
Tgt Ion: 88 Resp: 49061

Ion Ratio Lower Upper

88 100

58 60.4 57.0 85.4

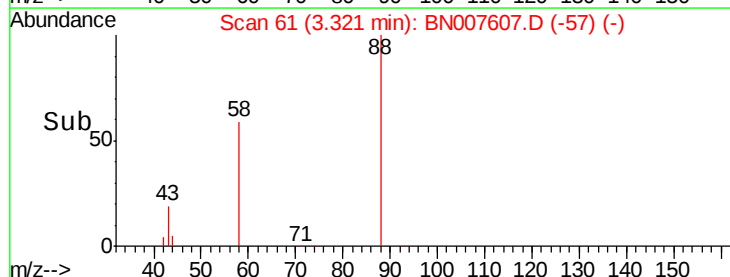
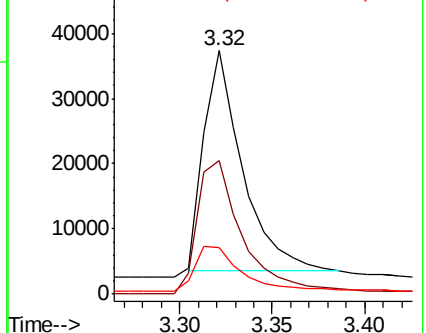
43 20.8 20.0 30.0

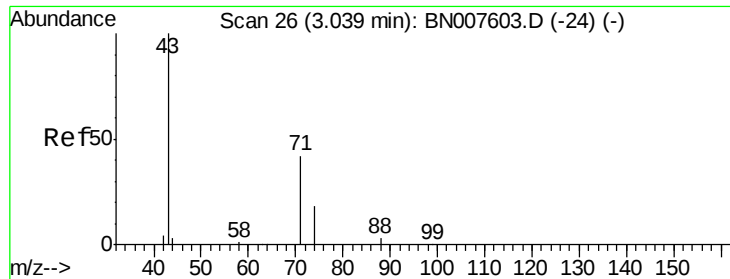


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.560 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

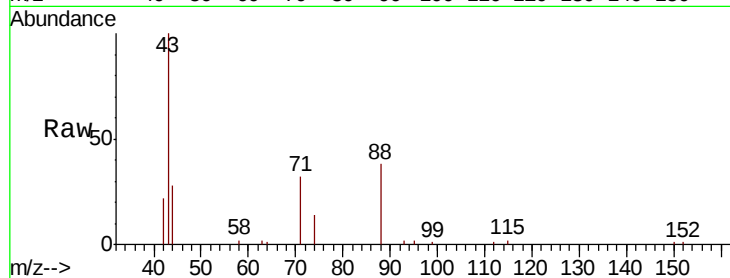
Tot Ion: 42 Resp: 2424

Ion Ratio Lower Upper

42 100

74 109.2 9.8 14.8#

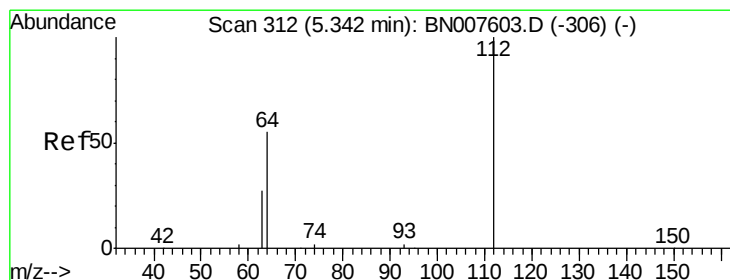
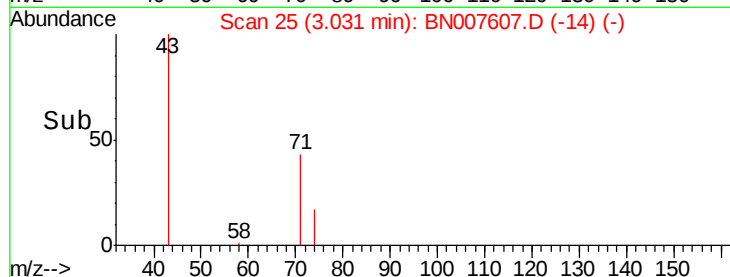
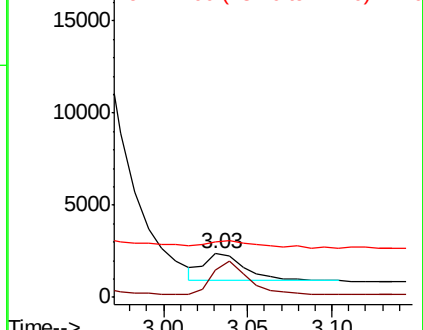
44 33.5 0.0 0.0#



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: 5.044 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

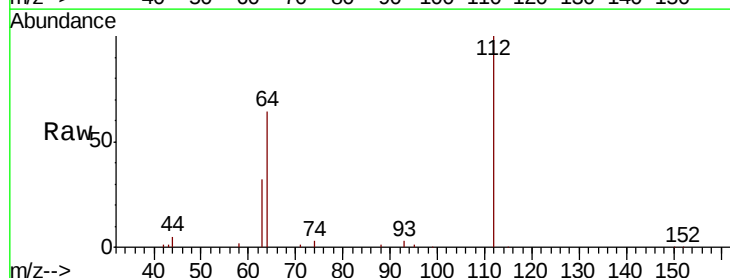
Tgt Ion: 112 Resp: 111211

Ion Ratio Lower Upper

112 100

64 60.2 48.5 72.7

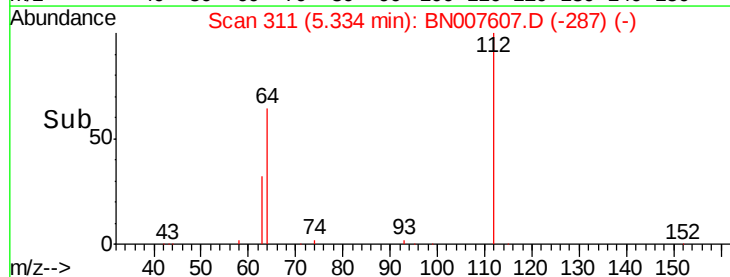
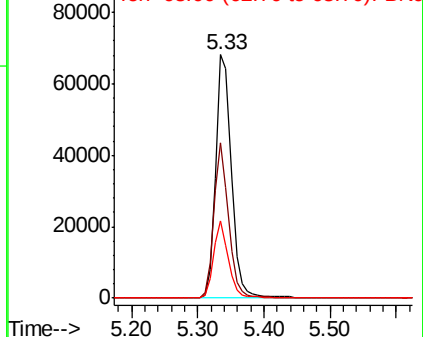
63 29.9 24.4 36.6

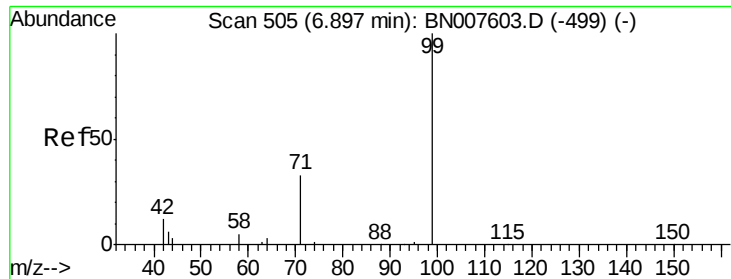


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 4.352 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

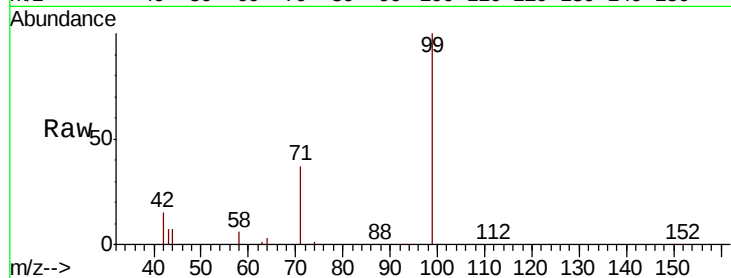
Tot Ion: 99 Resp: 147287

Ion Ratio Lower Upper

99 100

42 14.8 11.8 17.6

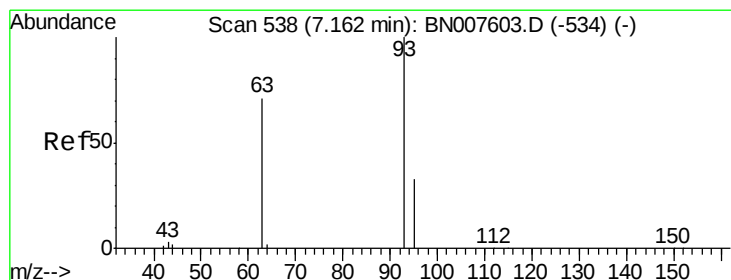
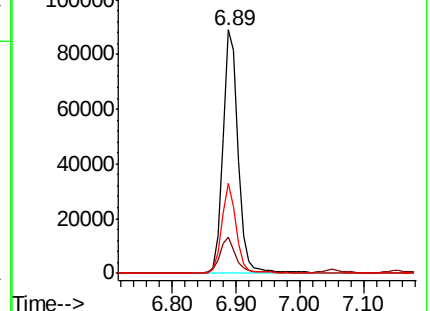
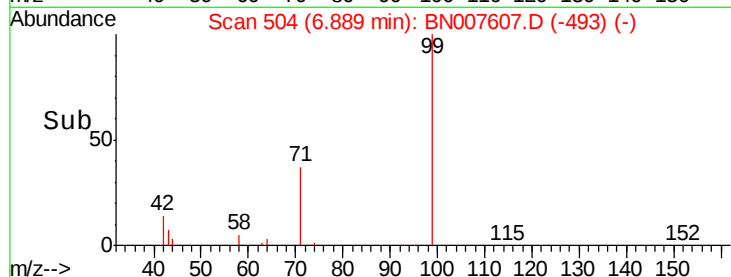
71 35.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007607.D (-513) (-)

Ion 42.00 (41.70 to 42.70): BN007607.D (-513) (-)

Ion 71.00 (70.70 to 71.70): BN007607.D (-513) (-)



#6

bis(2-Chloroethyl)ether

Concen: 8.604 ng

RT: 7.15 min Scan# 537

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

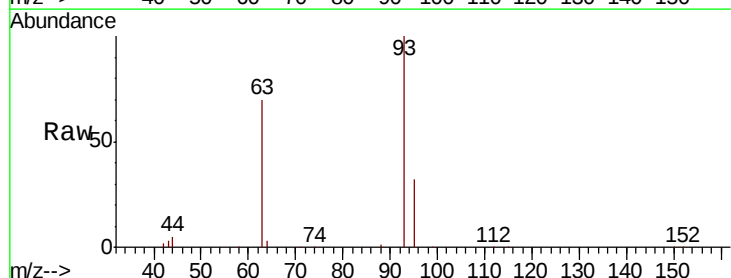
Tgt Ion: 93 Resp: 122864

Ion Ratio Lower Upper

93 100

63 70.2 61.2 91.8

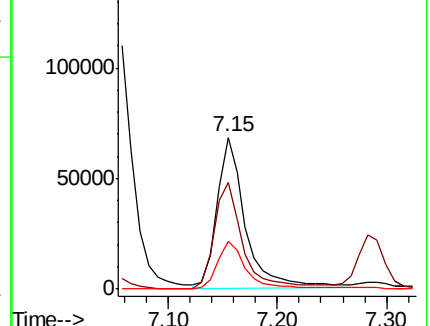
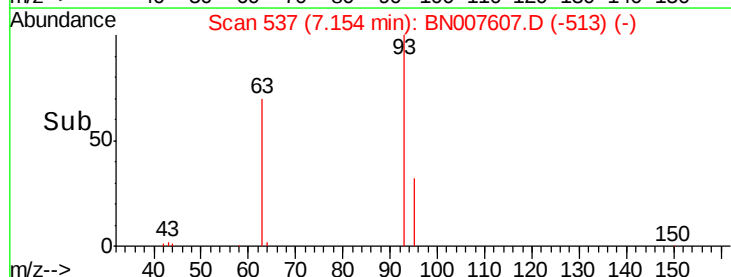
95 31.6 27.2 40.8

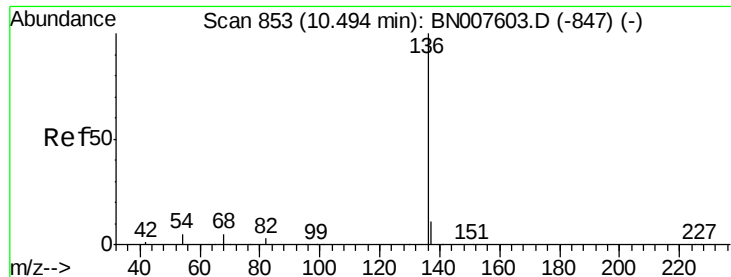


Abundance Ion 93.00 (92.70 to 93.70): BN007607.D (-513) (-)

Ion 63.00 (62.70 to 63.70): BN007607.D (-513) (-)

Ion 95.00 (94.70 to 95.70): BN007607.D (-513) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 29058

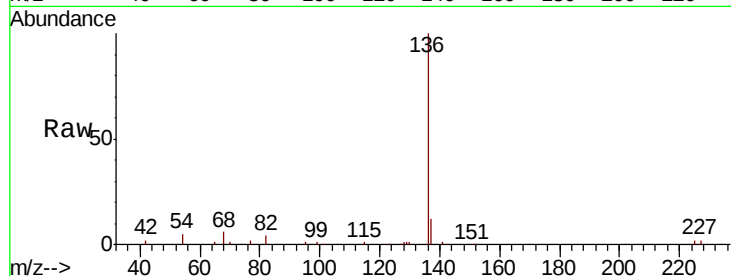
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 4.9 4.2 6.4

68 5.6 4.6 7.0

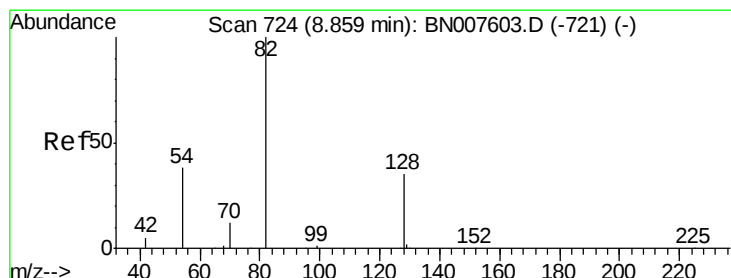
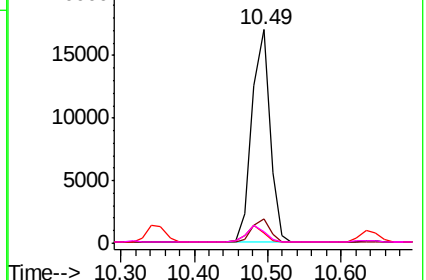
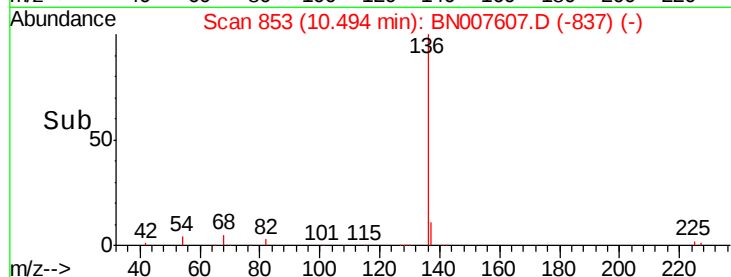


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.186 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

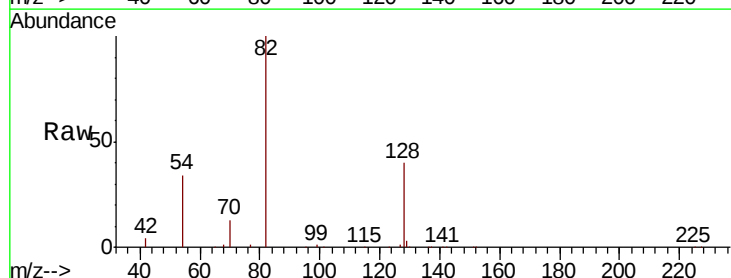
Tgt Ion: 82 Resp: 127208

Ion Ratio Lower Upper

82 100

128 39.8 27.9 41.9

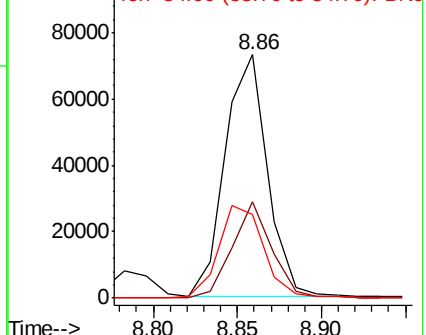
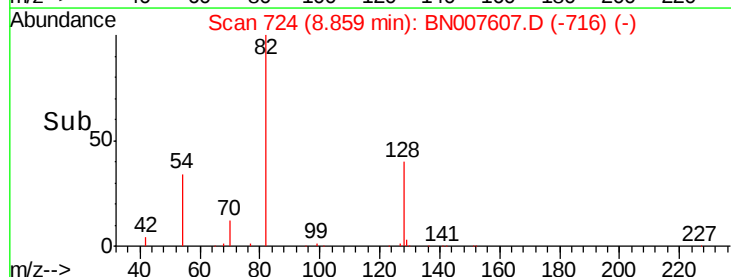
54 34.4 30.9 46.3

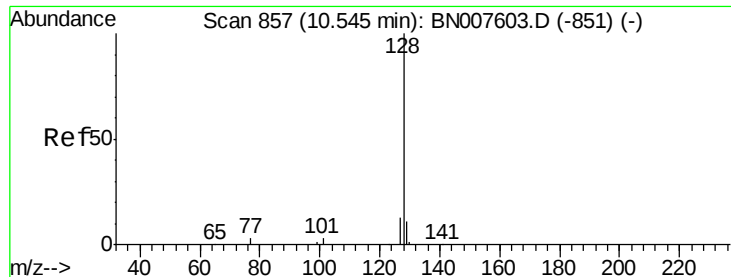


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.192 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

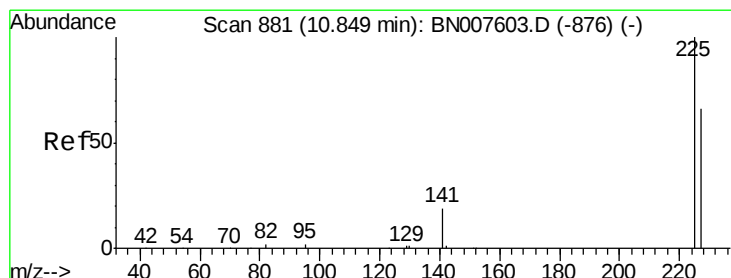
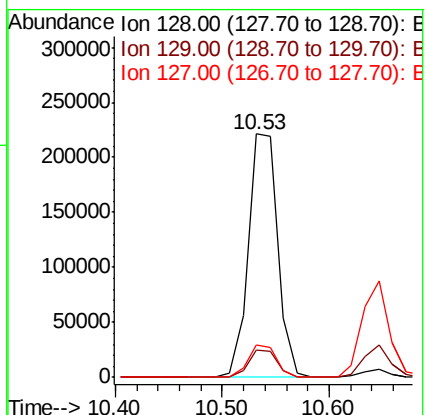
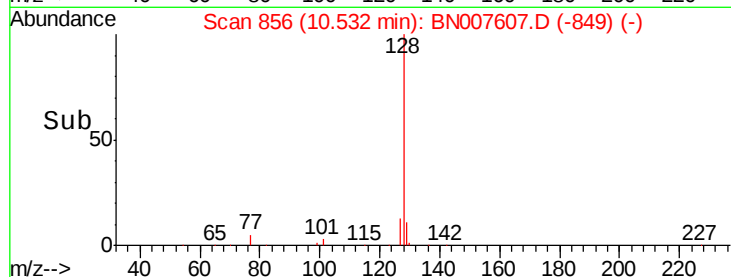
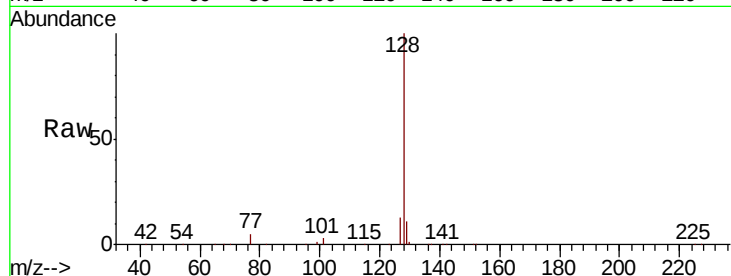
Tot Ion:128 Resp: 424379

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.5 10.4 15.6



#10

Hexachlorobutadiene

Concen: 5.197 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

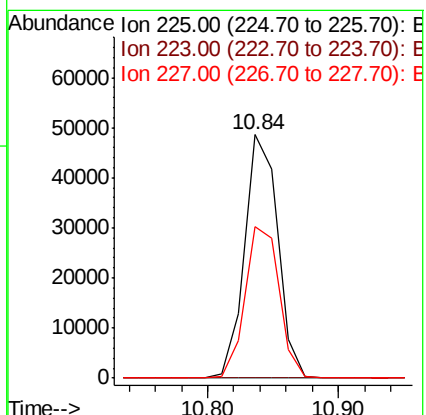
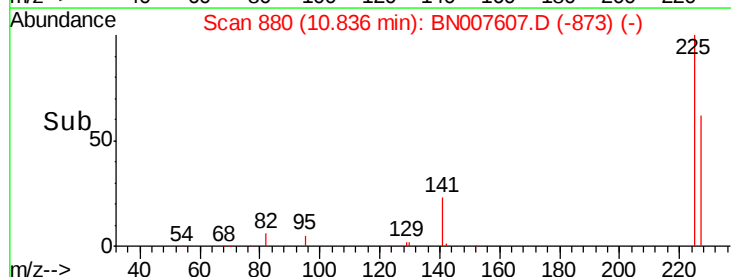
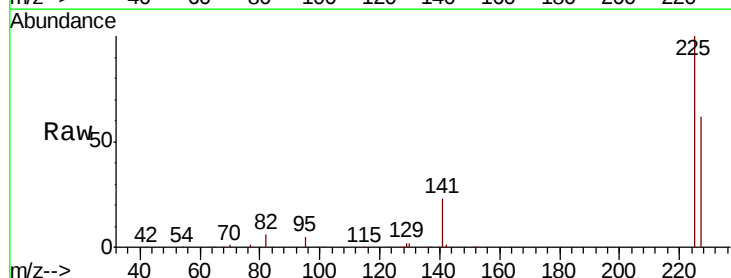
Tgt Ion:225 Resp: 85177

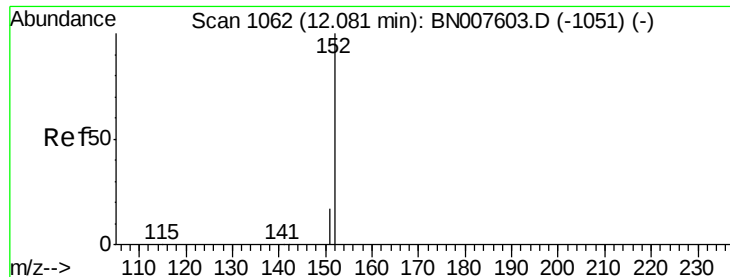
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.2 51.3 76.9

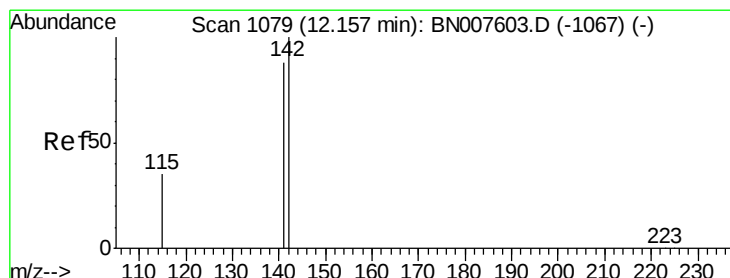
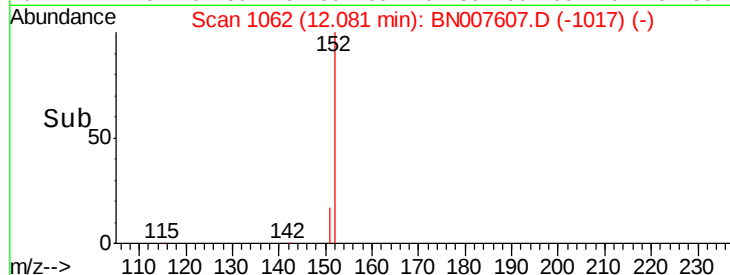
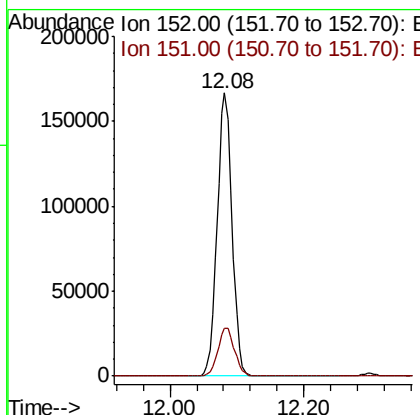
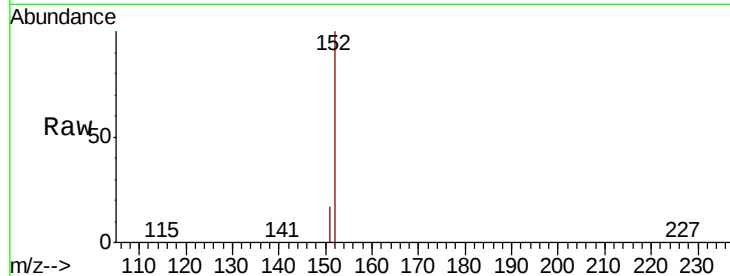




#11
 2-Methylnaphthalene-d10
 Concen: 5.086 ng
 RT: 12.08 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BN007607.D
 Acq: 12 Sep 2019 13:59

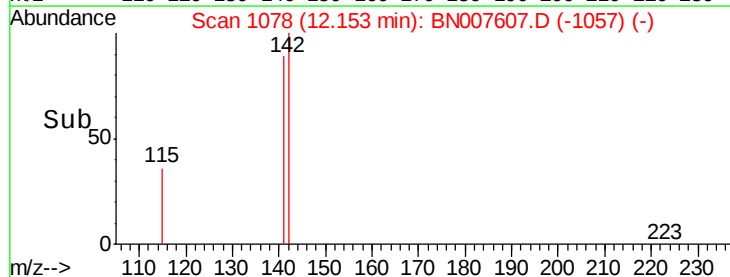
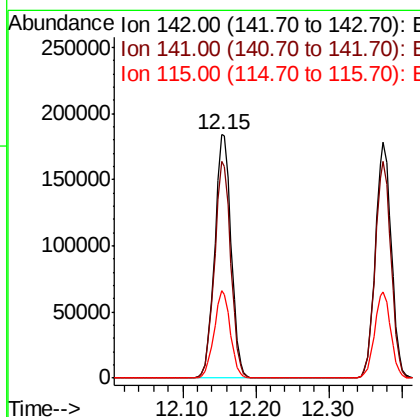
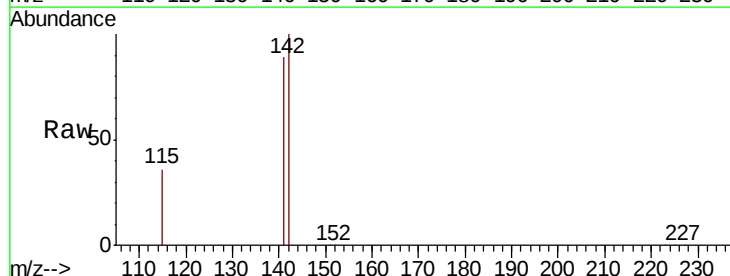
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion:152 Resp: 255080
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 5.016 ng
 RT: 12.15 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BN007607.D
 Acq: 12 Sep 2019 13:59

Tgt Ion:142 Resp: 287398
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.5 105.7
 115 36.1 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

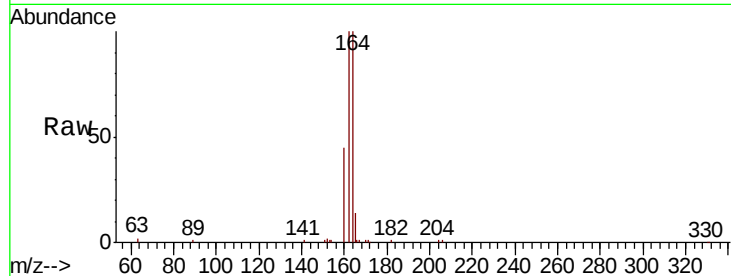
Tot Ion:164 Resp: 15505

Ion Ratio Lower Upper

164 100

162 100.4 82.8 124.2

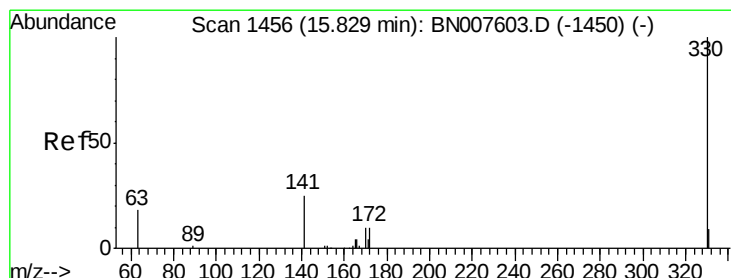
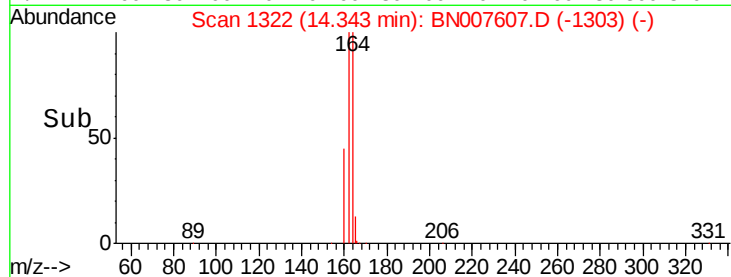
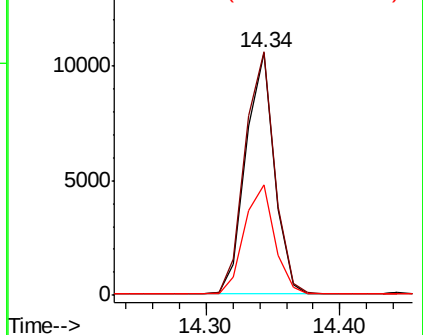
160 45.7 38.0 57.0



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: 5.867 ng

RT: 15.83 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

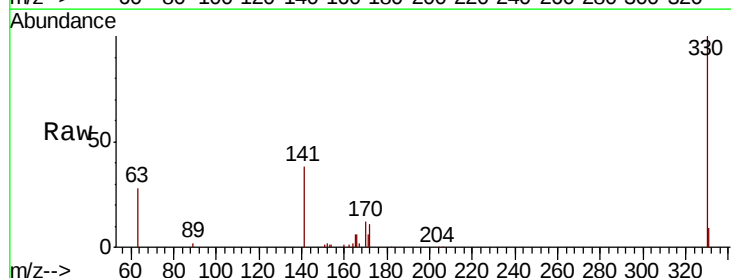
Tgt Ion:330 Resp: 34572

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

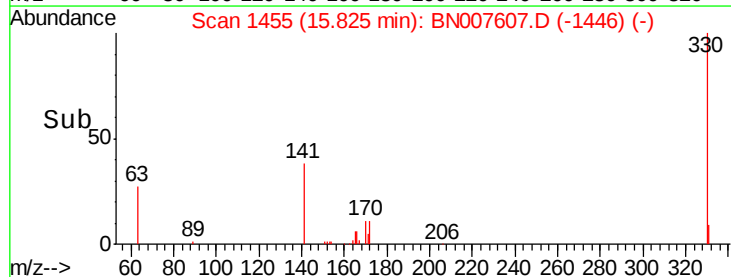
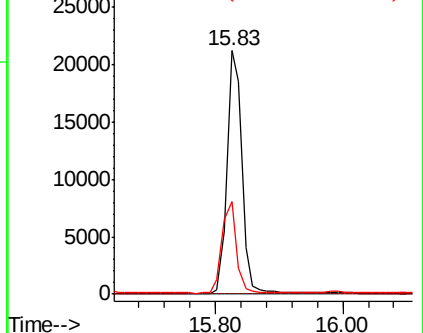
141 36.4 30.1 45.1



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

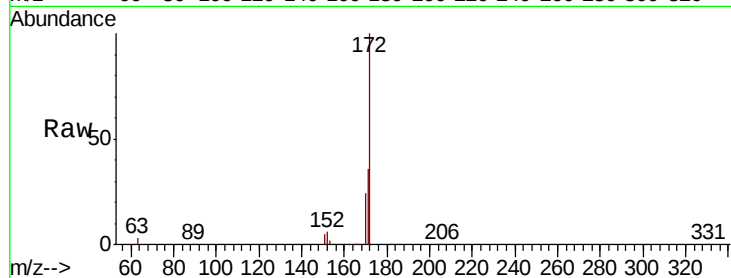




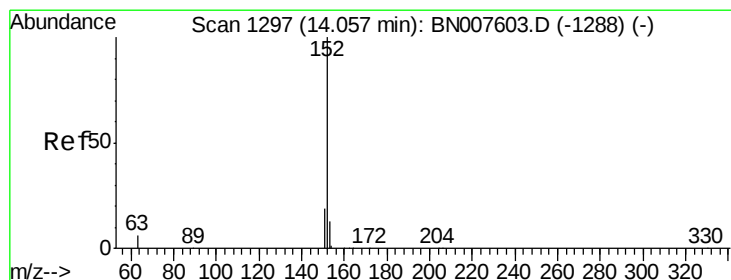
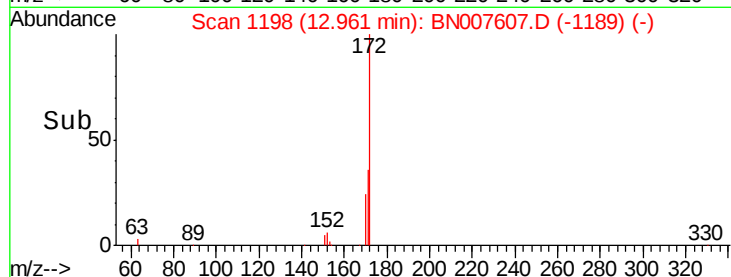
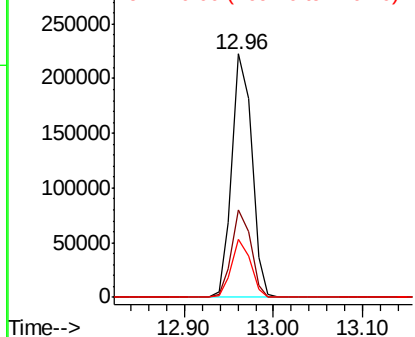
#15
2-Fluorobiphenyl
Concen: 5.401 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:172 Resp: 346194
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.7 18.5 27.7

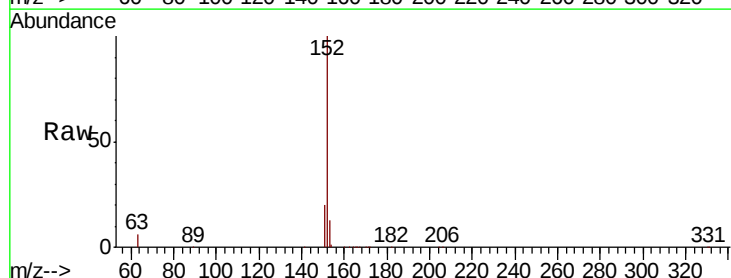


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

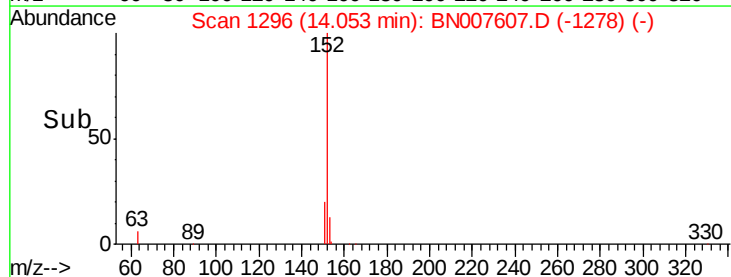
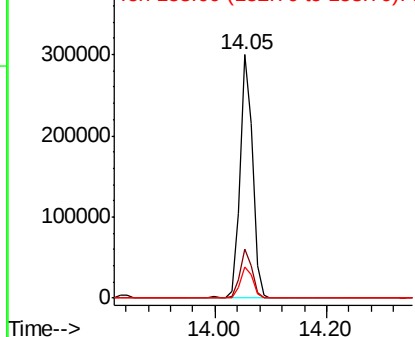


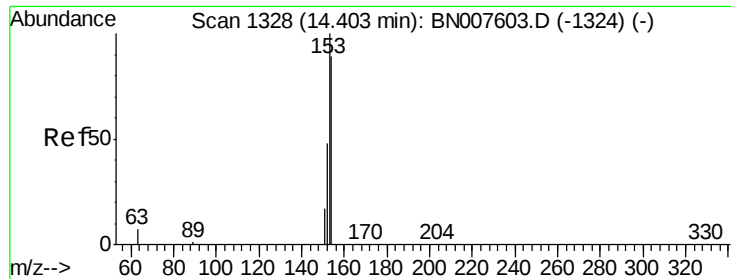
#16
Acenaphthylene
Concen: 5.447 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:152 Resp: 453611
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 5.352 ng

RT: 14.40 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampled :

SSTDICC5.0

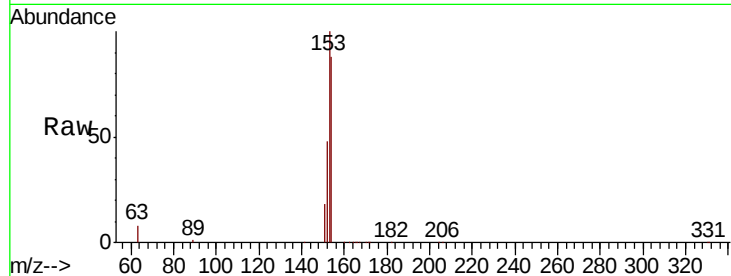
Tot Ion:154 Resp: 281547

Ion Ratio Lower Upper

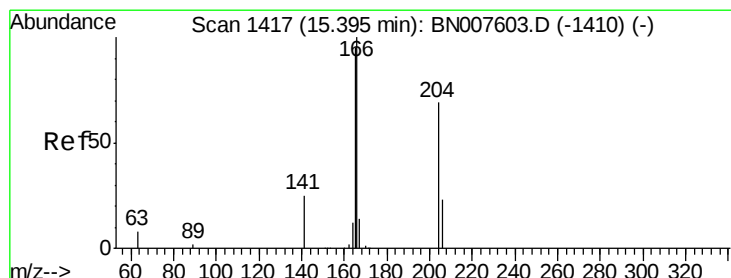
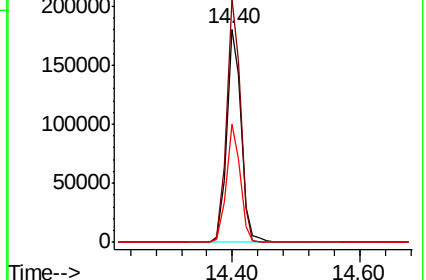
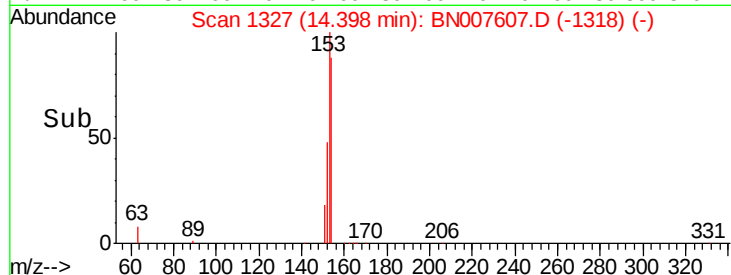
154 100

153 109.4 89.8 134.8

152 52.7 43.8 65.8



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: 5.159 ng

RT: 15.39 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

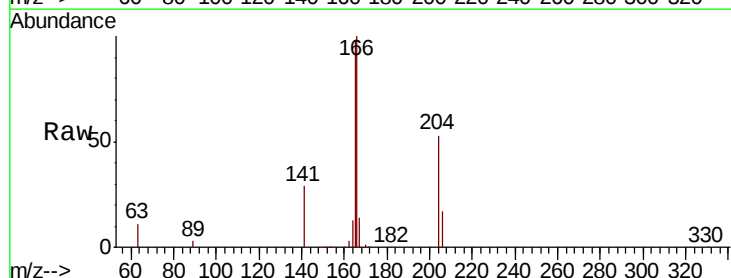
Tgt Ion:166 Resp: 357333

Ion Ratio Lower Upper

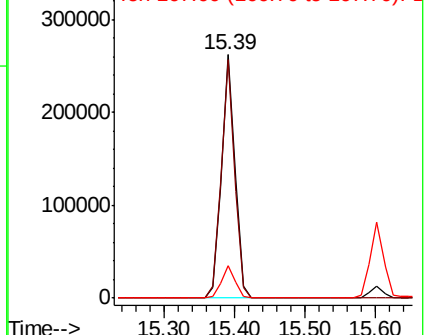
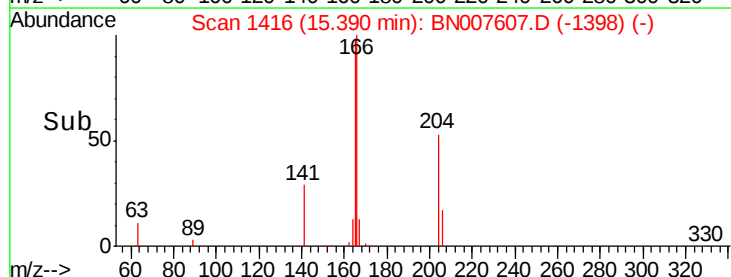
166 100

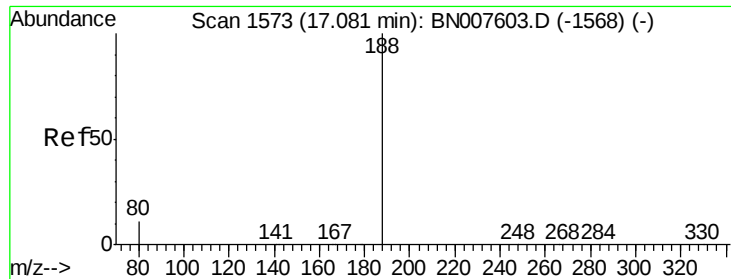
165 97.3 77.8 116.6

167 13.5 10.8 16.2



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: 17.08 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

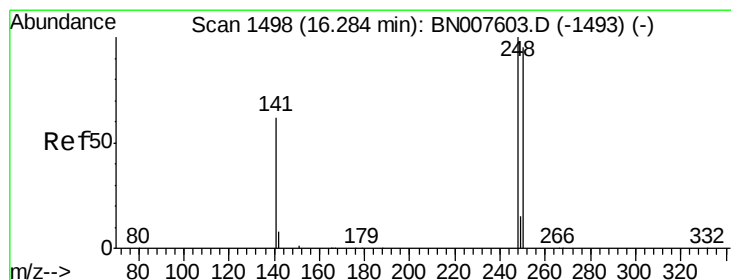
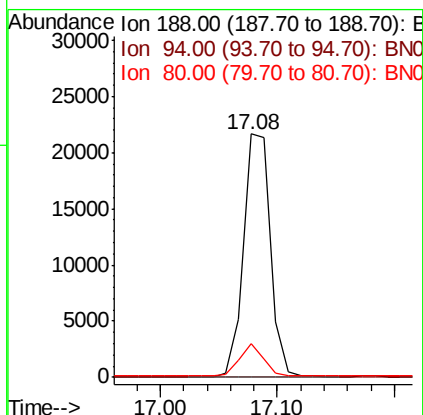
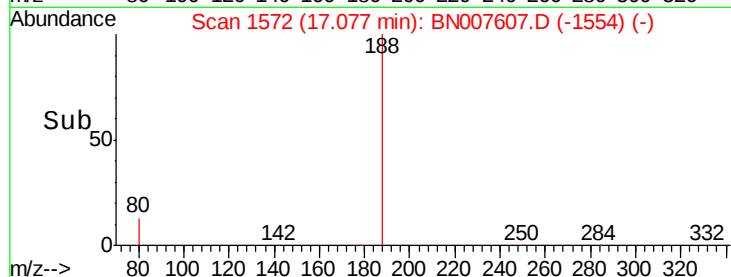
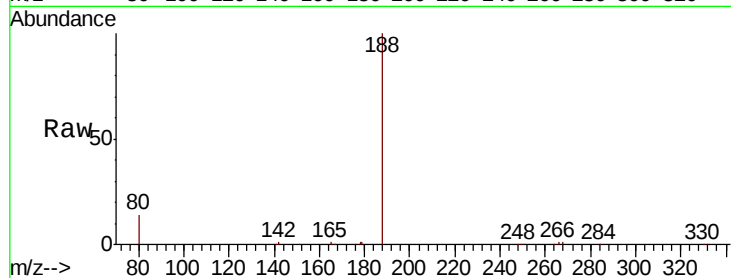
Tot Ion:188 Resp: 34377

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 8.8 13.2#



#20

4-Bromophenyl-phenylether

Concen: 5.622 ng

RT: 16.28 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

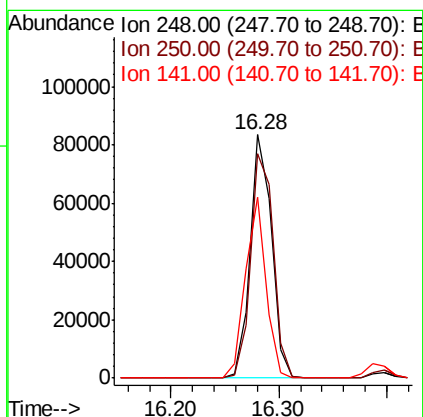
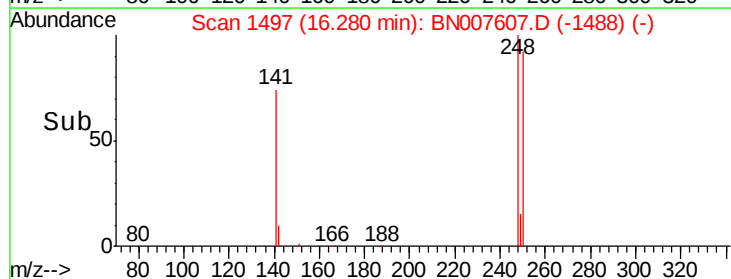
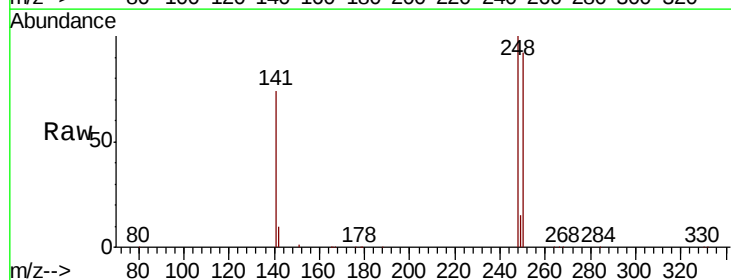
Tgt Ion:248 Resp: 114292

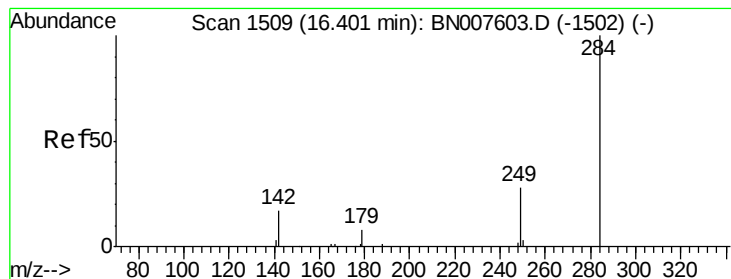
Ion Ratio Lower Upper

248 100

250 91.9 76.3 114.5

141 74.3 49.7 74.5





#21

Hexachlorobenzene

Concen: 5.447 ng

RT: 16.40 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

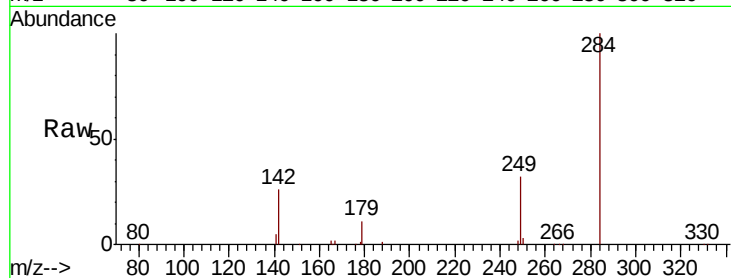
Tot Ion:284 Resp: 116472

Ion Ratio Lower Upper

284 100

142 34.7 27.8 41.6

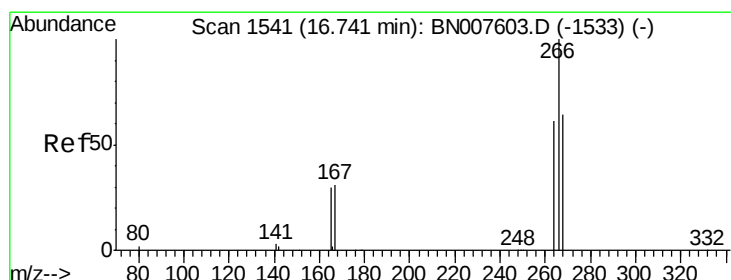
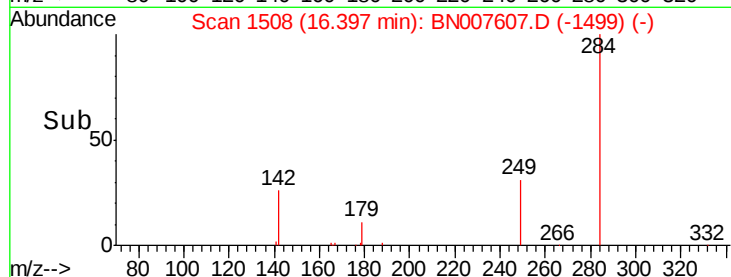
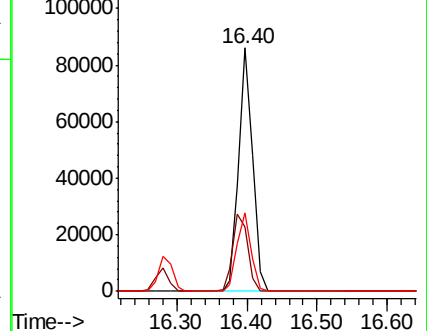
249 32.6 25.5 38.3



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: 6.449 ng

RT: 16.74 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

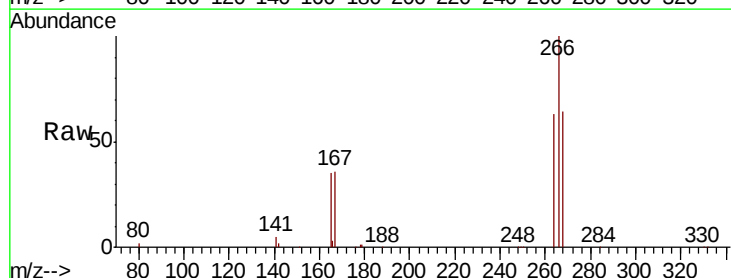
Tgt Ion:266 Resp: 38326

Ion Ratio Lower Upper

266 100

264 63.0 49.4 74.0

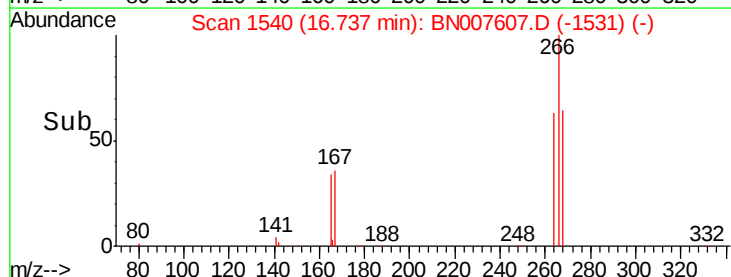
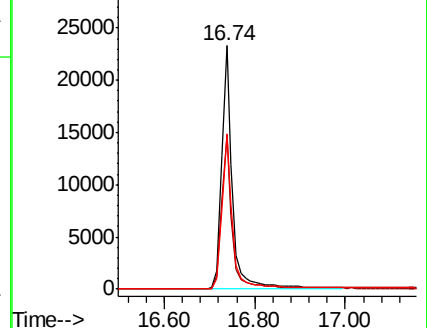
268 63.9 53.0 79.6

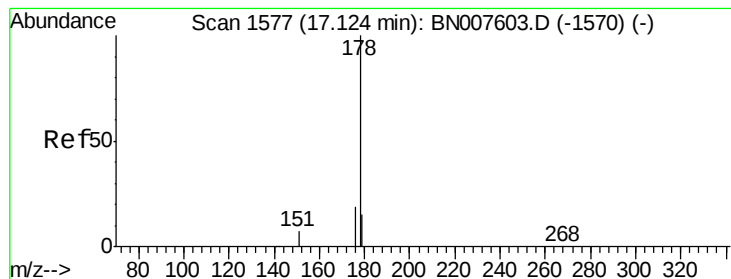


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.373 ng

RT: 17.12 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

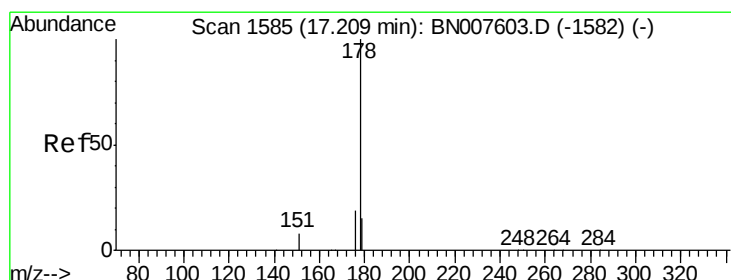
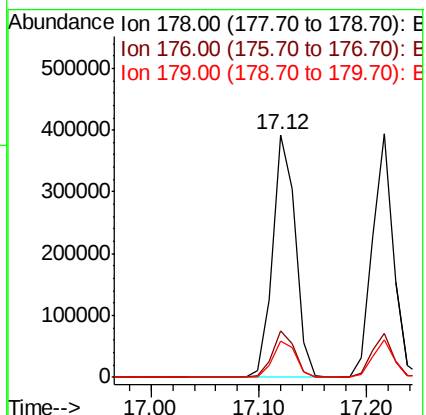
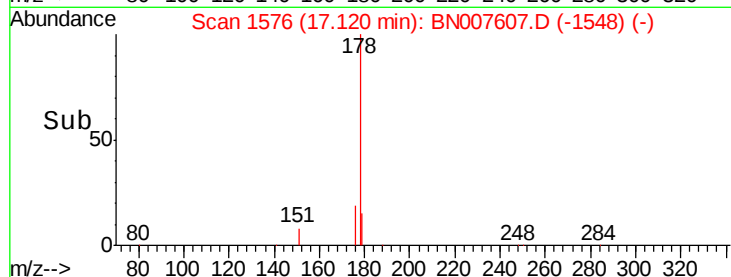
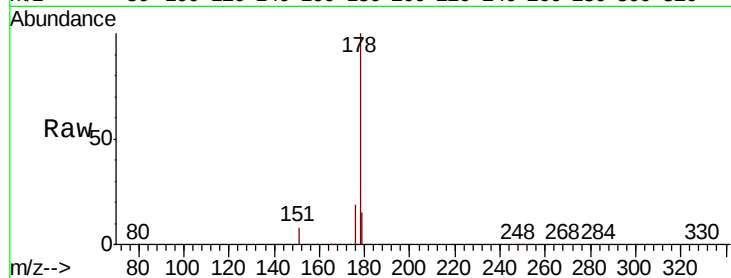
Tot Ion:178 Resp: 570104

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.4 12.4 18.6



#24

Anthracene

Concen: 5.454 ng

RT: 17.22 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

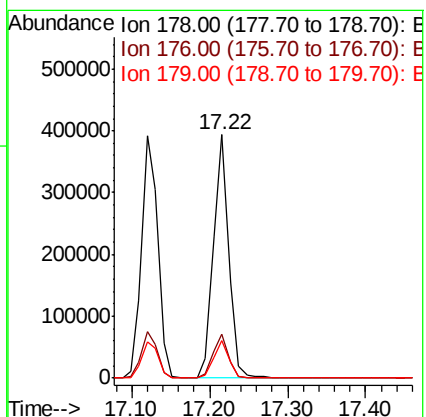
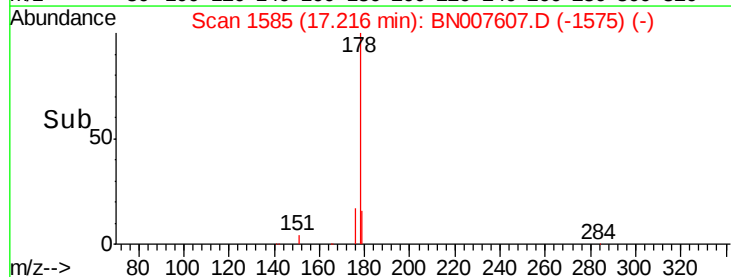
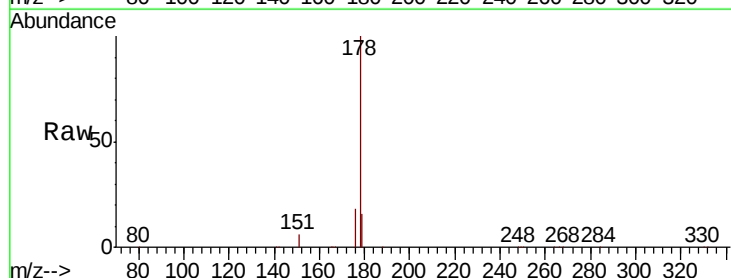
Tgt Ion:178 Resp: 533831

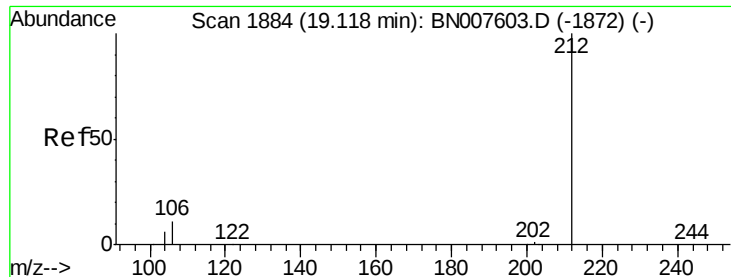
Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

179 15.5 12.4 18.6





#25

Fluoranthene-d10

Concen: 5.233 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

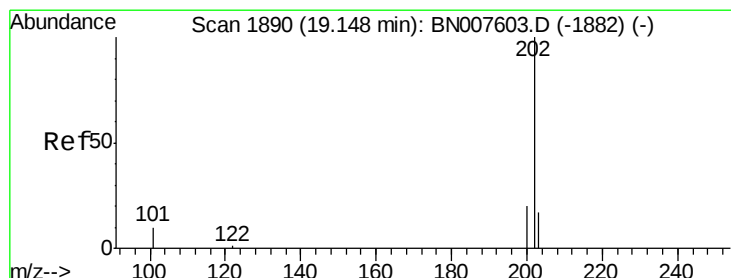
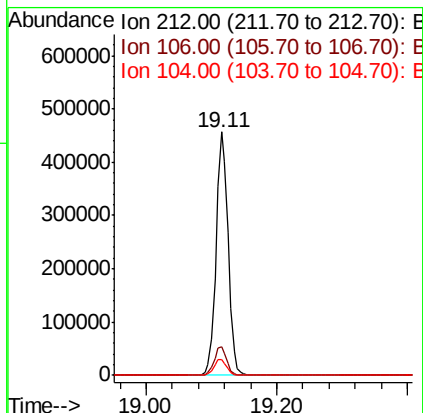
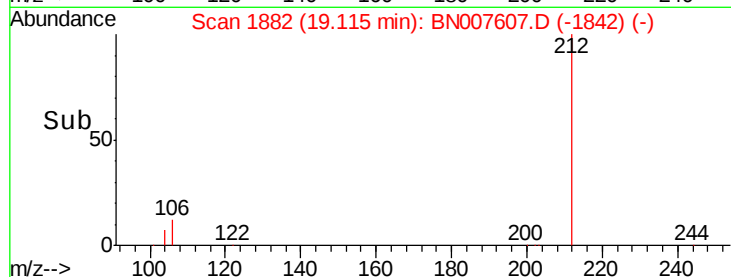
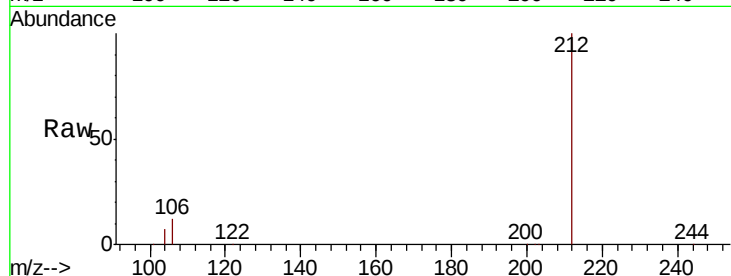
Tot Ion:212 Resp: 584391

Ion Ratio Lower Upper

212 100

106 12.1 9.6 14.4

104 6.8 5.4 8.0



#26

Fluoranthene

Concen: 5.251 ng

RT: 19.14 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

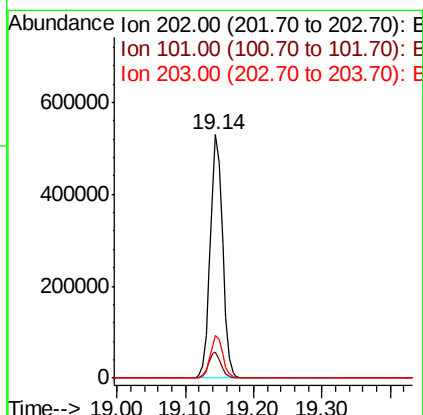
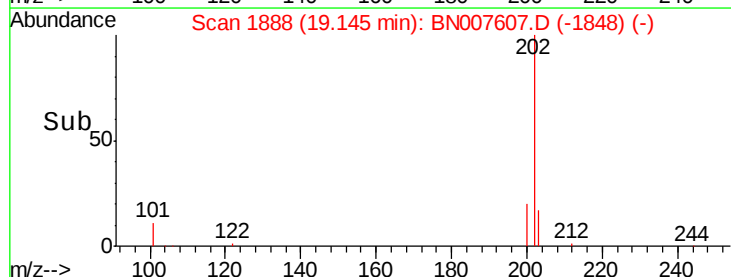
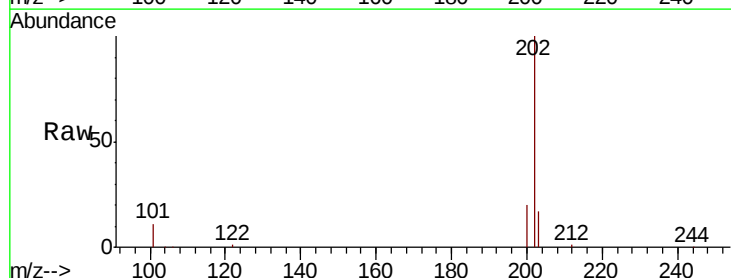
Tgt Ion:202 Resp: 676058

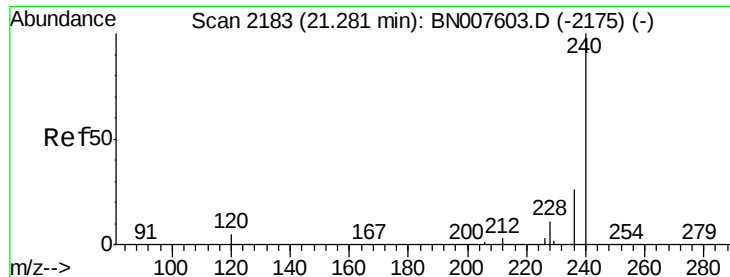
Ion Ratio Lower Upper

202 100

101 10.9 8.6 13.0

203 17.4 13.8 20.6

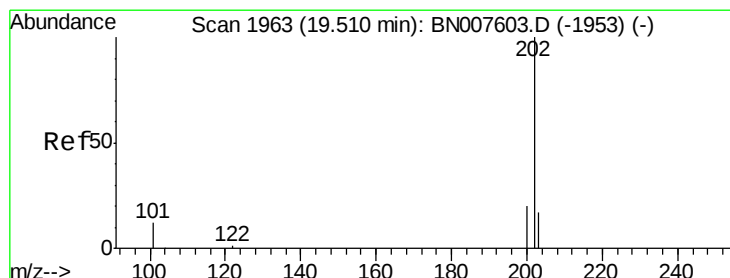
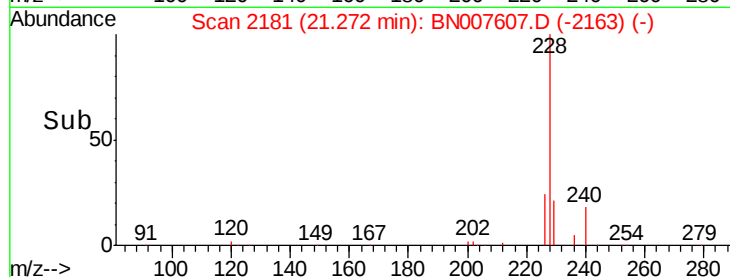
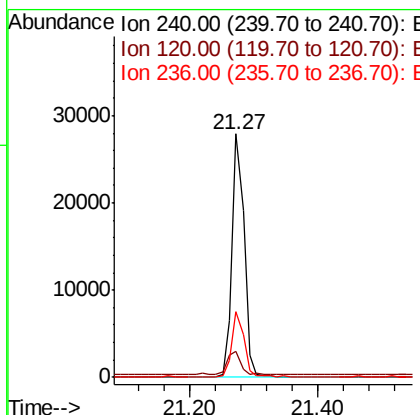
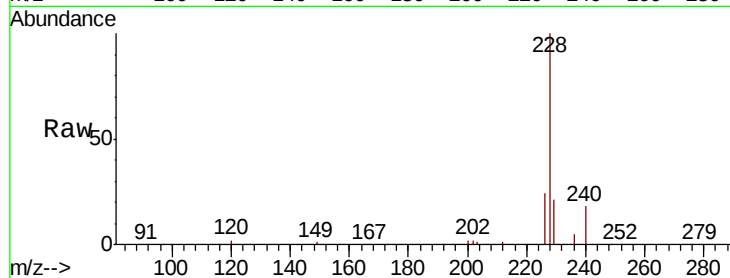




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007607.D
 Acq: 12 Sep 2019 13:59

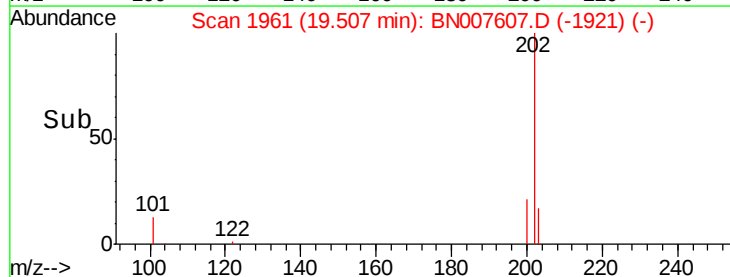
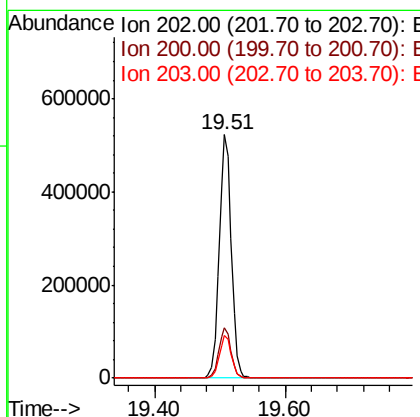
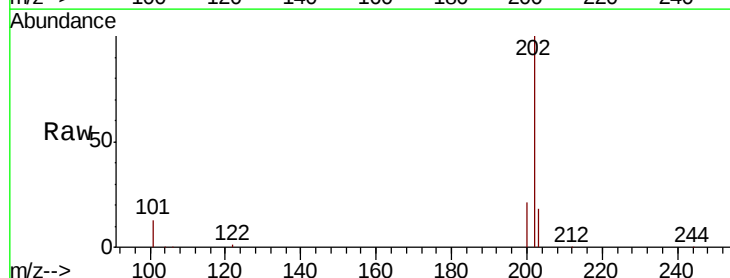
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

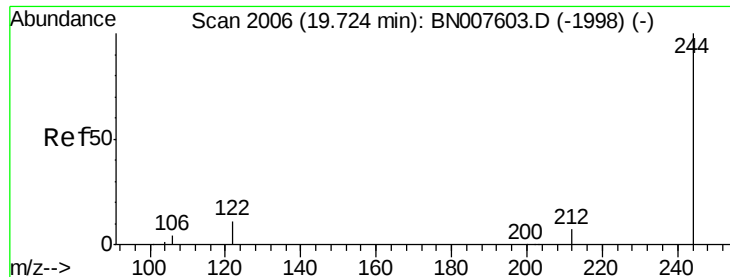
Tot Ion:240 Resp: 36281
 Ion Ratio Lower Upper
 240 100
 120 10.9 4.3 6.5#
 236 27.0 20.8 31.2



#28
 Pyrene
 Concen: 5.162 ng
 RT: 19.51 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BN007607.D
 Acq: 12 Sep 2019 13:59

Tgt Ion:202 Resp: 673051
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.4 24.6
 203 17.6 14.0 21.0





#29

Terphenyl-d14

Concen: 5.115 ng

RT: 19.72 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampled :

SSTDICC5.0

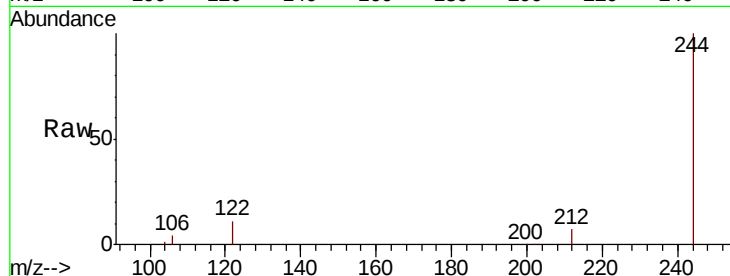
Tot Ion:244 Resp: 482844

Ion Ratio Lower Upper

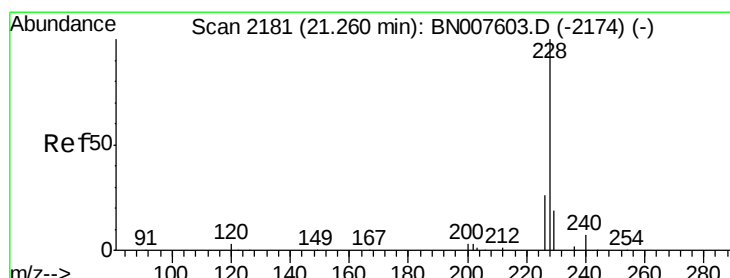
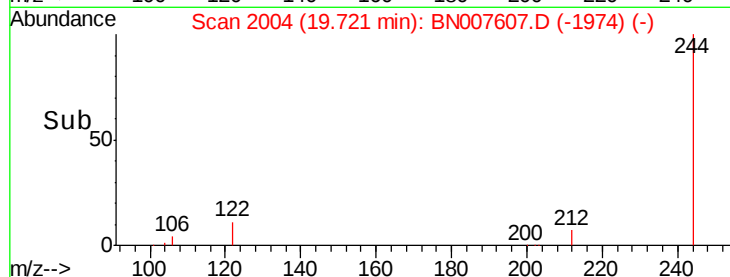
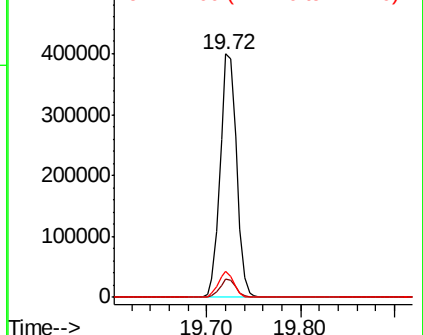
244 100

212 7.3 5.9 8.9

122 10.6 8.6 12.8



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: 5.440 ng

RT: 21.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

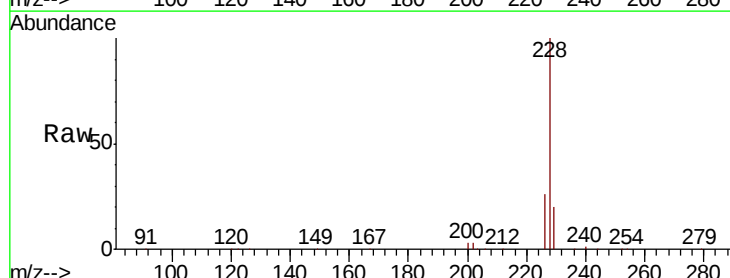
Tgt Ion:228 Resp: 706200

Ion Ratio Lower Upper

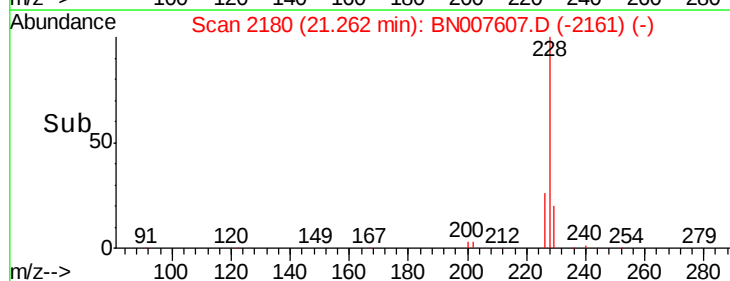
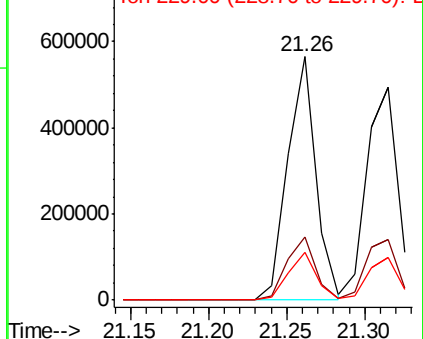
228 100

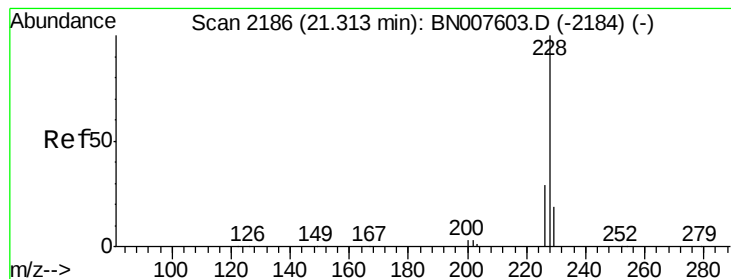
226 26.0 21.2 31.8

229 19.8 15.5 23.3



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: 5.198 ng

RT: 21.31 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

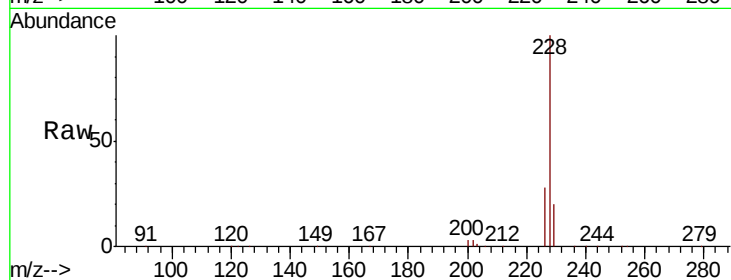
BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:228 Resp: 685610

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.1	15.5	23.3

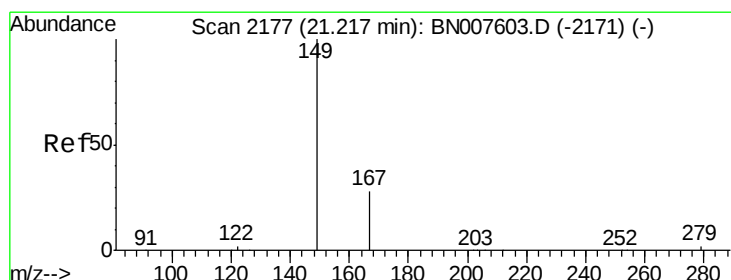
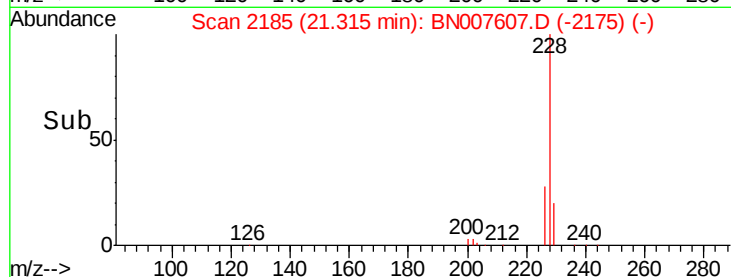
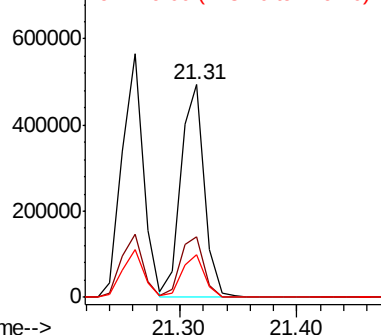


Abundance

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: 5.948 ng

RT: 21.22 min Scan# 2176

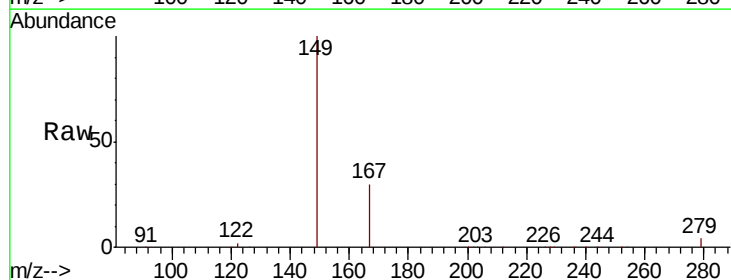
Delta R.T. 0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Tgt Ion:149 Resp: 264258

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	4.7	3.8	5.6

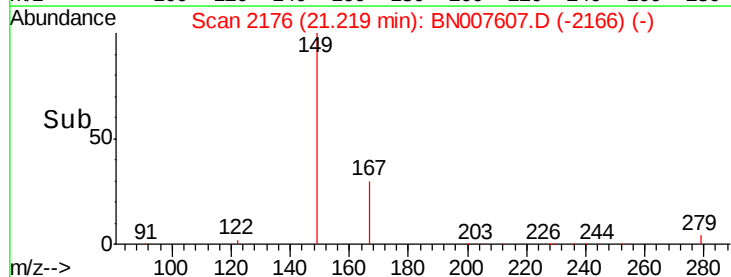
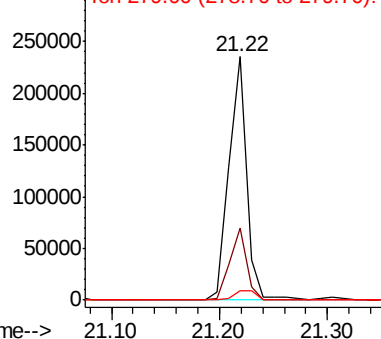


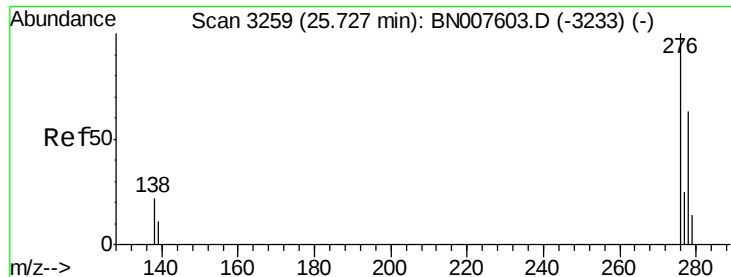
Abundance

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: 5.291 ng

RT: 25.72 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

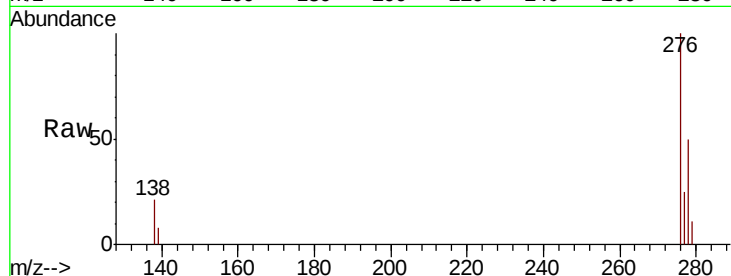
Tot Ion:276 Resp: 737823

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.4

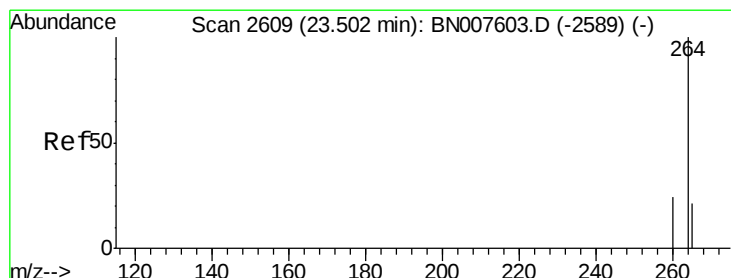
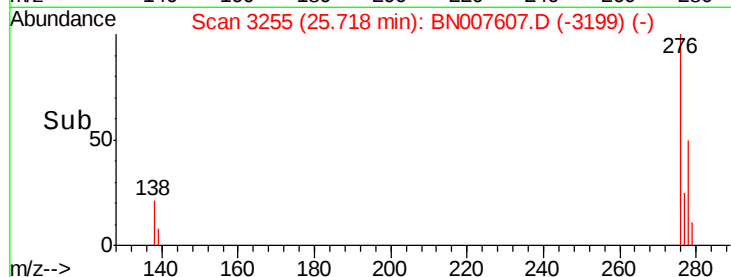
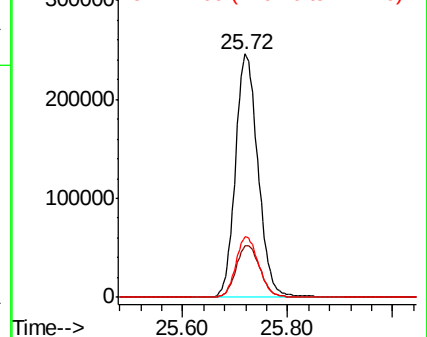
277 25.1 20.1 30.1



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: 23.50 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

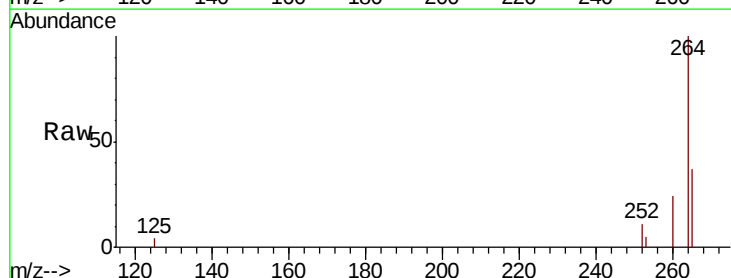
Tgt Ion:264 Resp: 33041

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

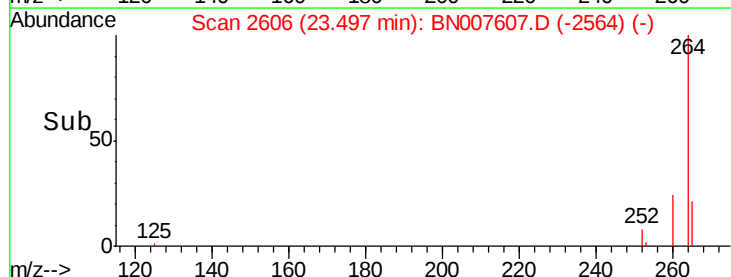
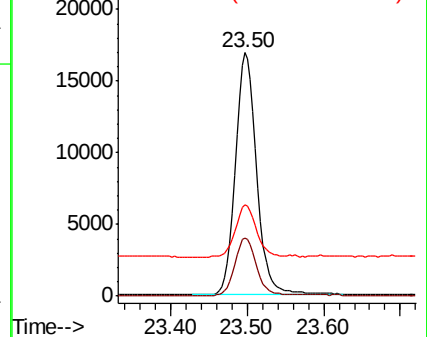
265 37.4 24.6 37.0#



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

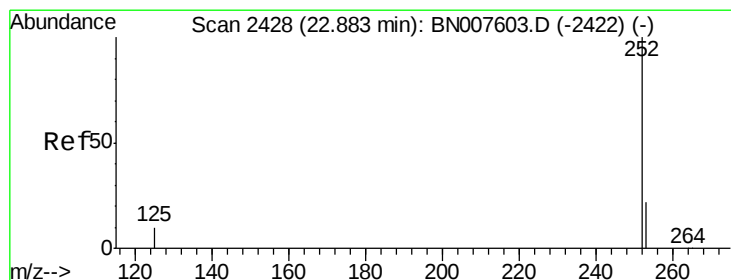
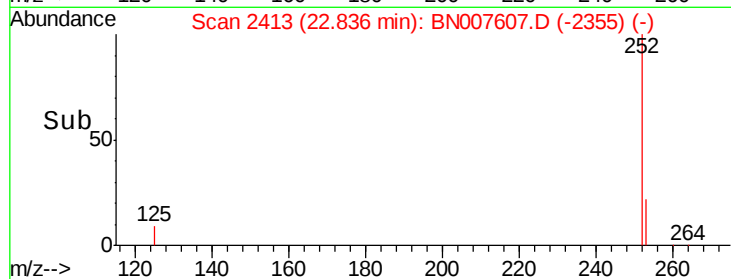
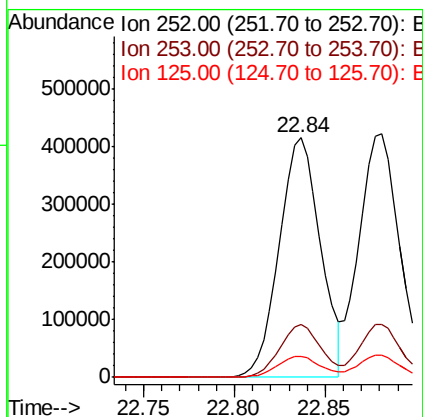
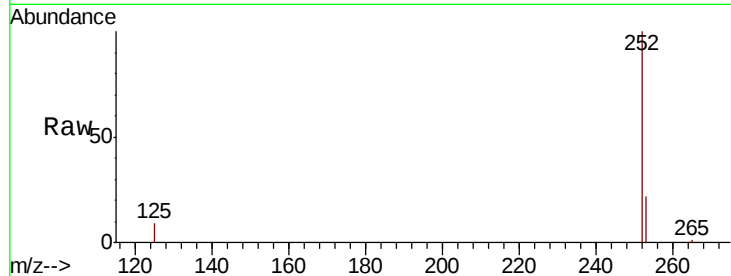




#35
Benzo(b)fluoranthene
Concen: 5.582 ng
RT: 22.84 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

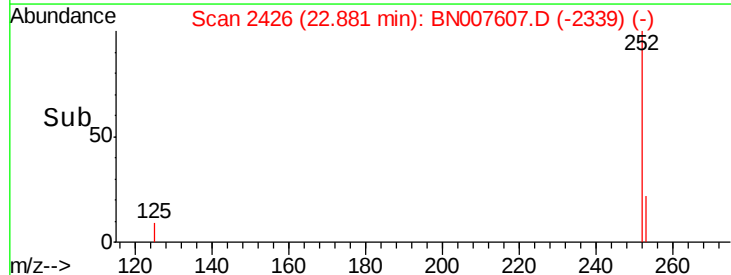
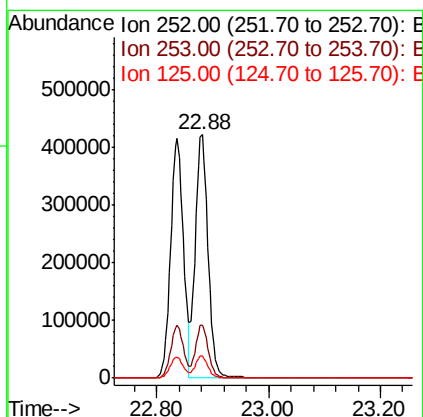
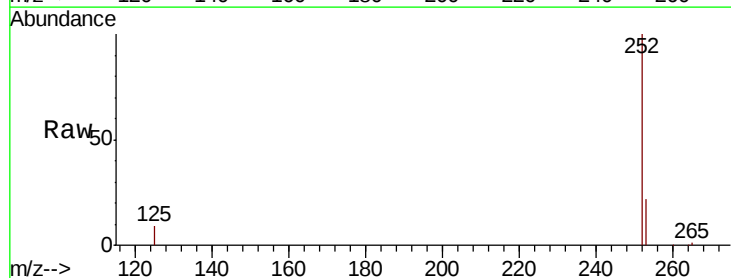
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

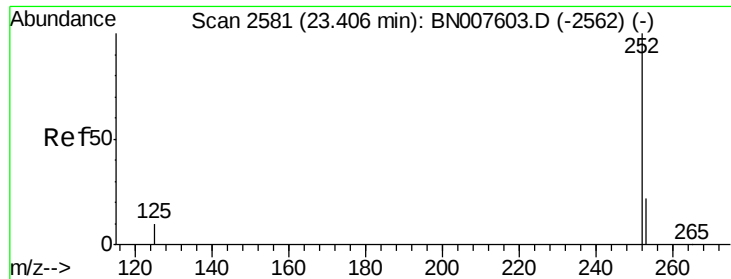
Tot Ion:252 Resp: 655849
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.0 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 5.771 ng
RT: 22.88 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BN007607.D
Acq: 12 Sep 2019 13:59

Tgt Ion:252 Resp: 670005
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 8.9 8.9 13.3





#37

Benzo(a)pyrene

Concen: 5.752 ng

RT: 23.40 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

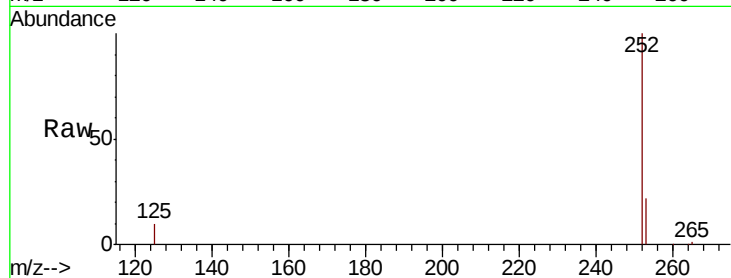
Tot Ion:252 Resp: 600823

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

125 9.9 8.9 13.3

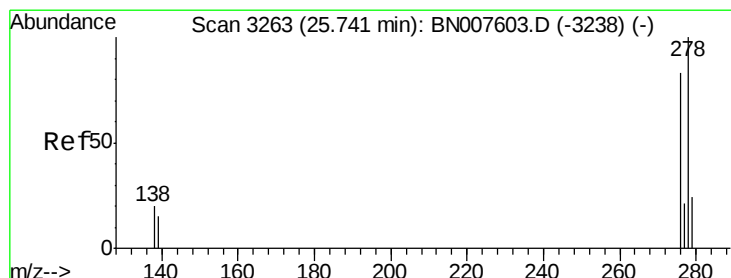
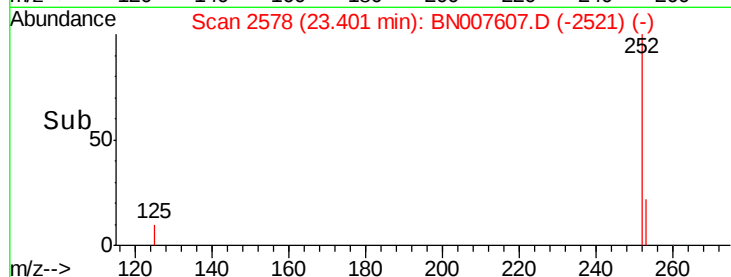
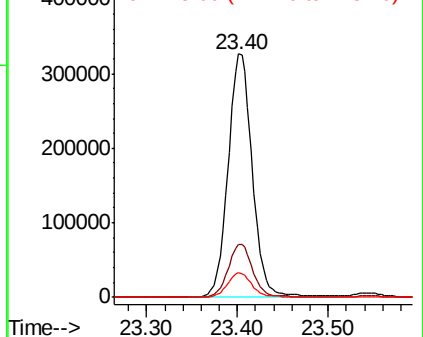


Abundance

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: 5.781 ng

RT: 25.74 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

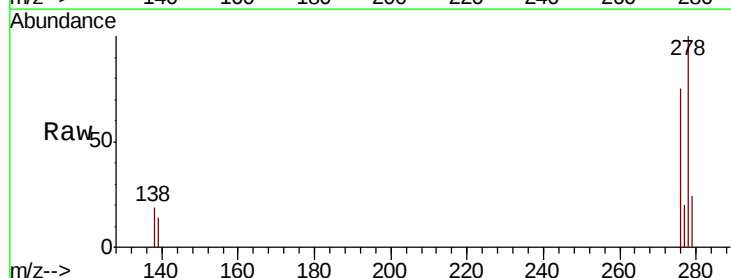
Tgt Ion:278 Resp: 606356

Ion Ratio Lower Upper

278 100

139 14.4 12.6 18.8

279 23.7 19.6 29.4

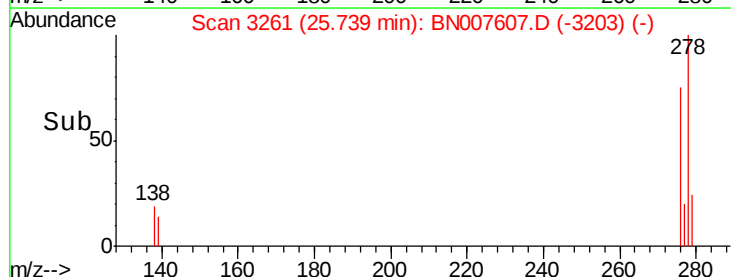
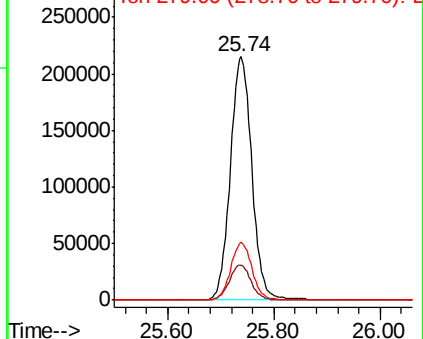


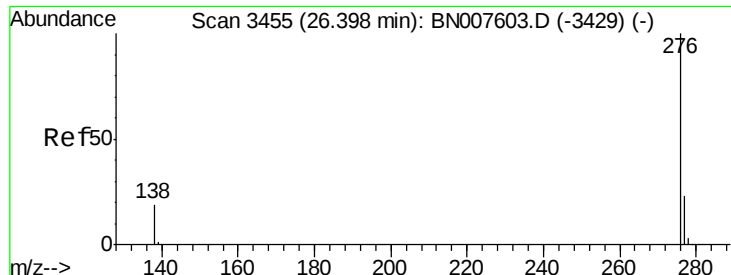
Abundance

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: 5.663 ng

RT: 26.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN007607.D

Acq: 12 Sep 2019 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

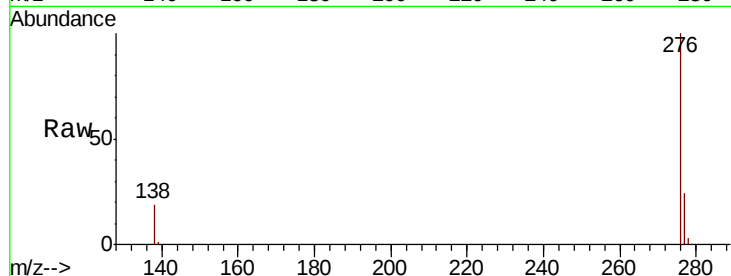
Tot Ion: 276 Resp: 601482

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 19.4 15.8 23.6



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

