

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082319\
 Data File : BN007338.D
 Acq On : 23 Aug 2019 22:01
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Aug 24 00:17:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:12:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3837	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	15844	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	8870	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	19878	0.40	ng	0.00
27) Chrysene-d12	21.02	240	19290	0.40	ng	0.00
34) Perylene-d12	23.13	264	20791	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	39393	3.26	ng	0.00
5) Phenol-d6	6.59	99	49893	3.21	ng	0.00
8) Nitrobenzene-d5	8.53	82	44403	3.62	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	85482	3.14	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	14500	2.92	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	114247	3.04	ng	0.00
25) Fluoranthene-d10	18.84	212	201018	3.17	ng	0.00
29) Terphenyl-d14	19.47	244	158691	3.26	ng	0.00

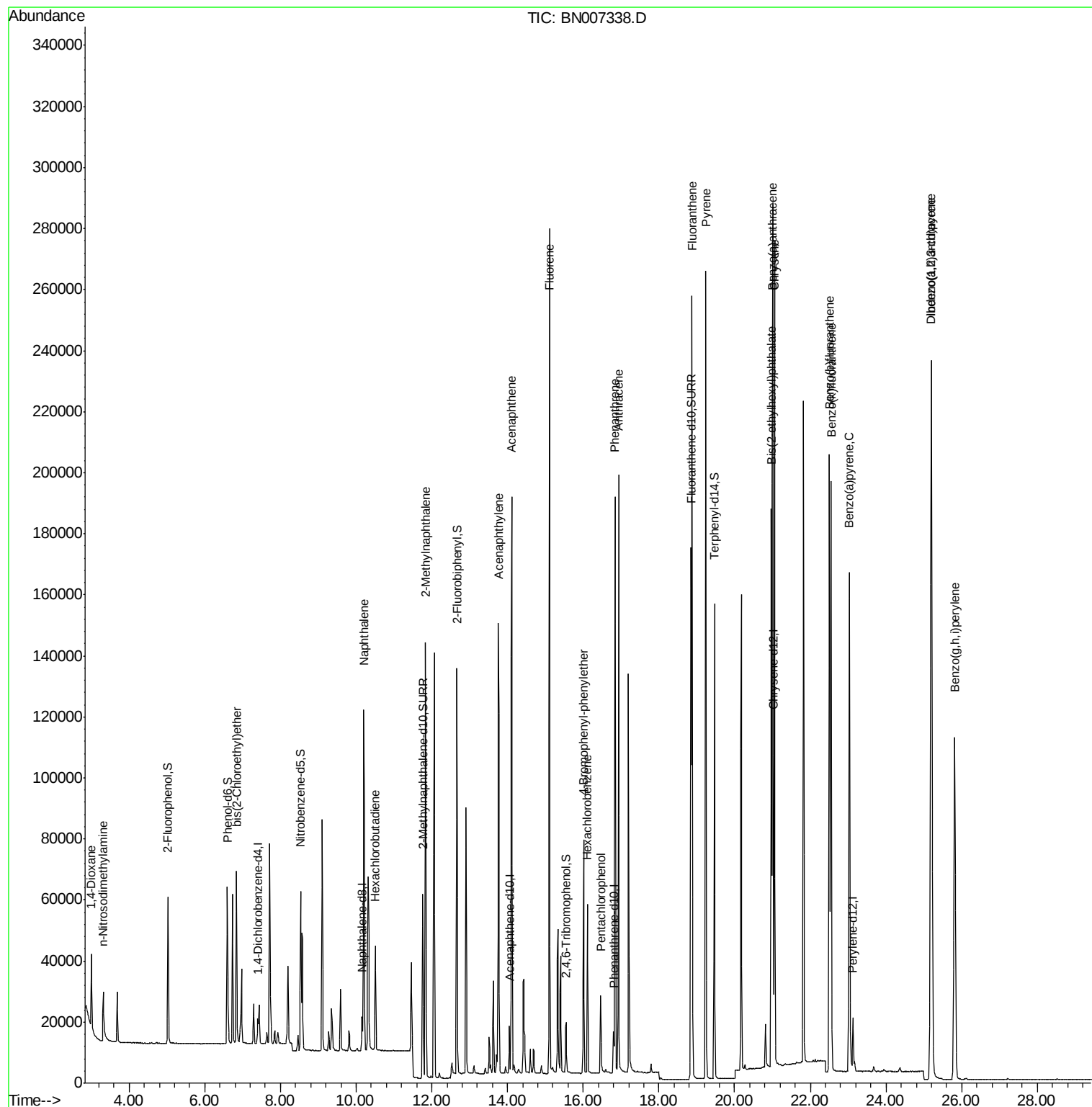
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	18359	3.249	ng	# 85
3) n-Nitrosodimethylamine	3.31	42	10366	2.891	ng	# 90
6) bis(2-Chloroethyl)ether	6.84	93	42671	3.667	ng	99
9) Naphthalene	10.20	128	145435	3.243	ng	# 90
10) Hexachlorobutadiene	10.51	225	29261	2.991	ng	# 99
12) 2-Methylnaphthalene	11.83	142	99795	3.209	ng	97
16) Acenaphthylene	13.76	152	166757	3.473	ng	99
17) Acenaphthene	14.11	154	97109	3.230	ng	98
18) Fluorene	15.10	166	125340	3.201	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	24512	2.231	ng	95
21) Hexachlorobenzene	16.11	284	42146	3.208	ng	98
22) Pentachlorophenol	16.46	266	14611	2.835	ng	# 64
23) Phenanthrene	16.84	178	196494	3.180	ng	99
24) Anthracene	16.93	178	197612	3.481	ng	99
26) Fluoranthene	18.87	202	233695	3.081	ng	99
28) Pyrene	19.24	202	239035	3.280	ng	100
30) Benzo(a)anthracene	21.00	228	237687	3.279	ng	99
31) Chrysene	21.06	228	233346	3.180	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	151948	4.644	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	276482	3.137	ng	99
35) Benzo(b)fluoranthene	22.51	252	242619	3.138	ng	# 93
36) Benzo(k)fluoranthene	22.55	252	231205	3.054	ng	# 90
37) Benzo(a)pyrene	23.03	252	224997	3.196	ng	# 92
38) Dibenzo(a,h)anthracene	25.21	278	225071	3.077	ng	# 94
39) Benzo(g,h,i)perylene	25.81	276	224441	3.043	ng	96

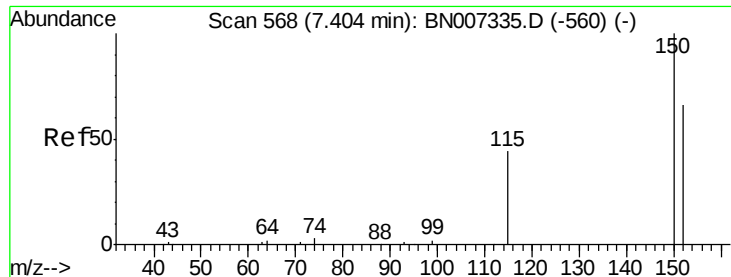
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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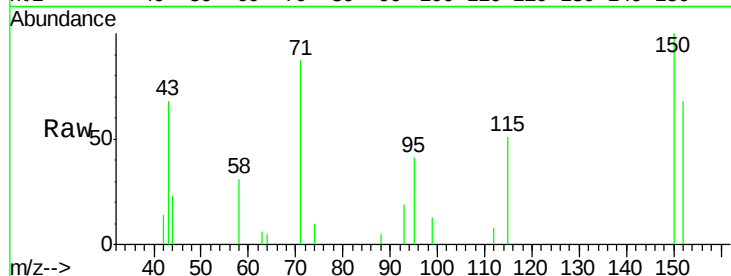


#1

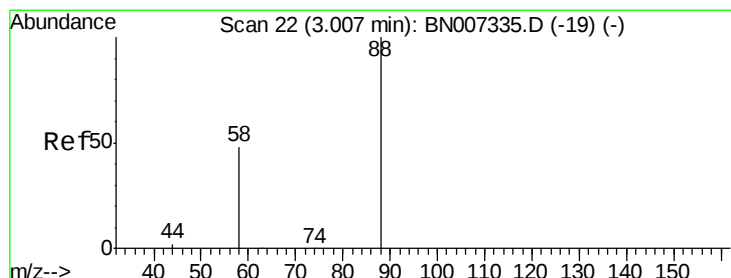
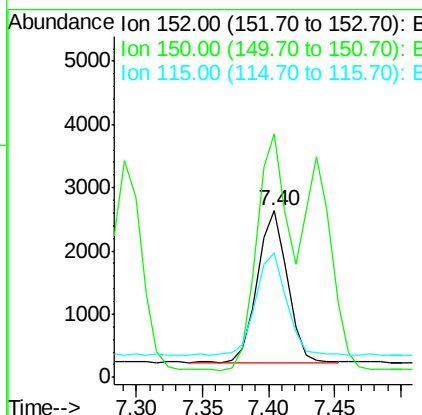
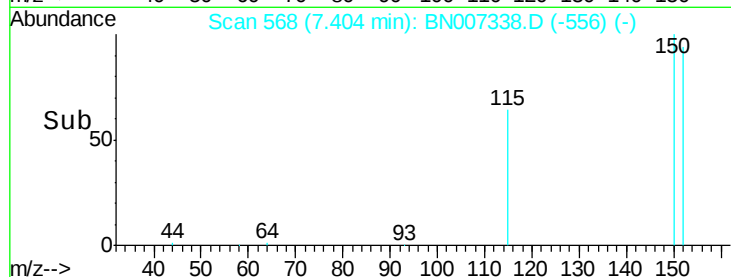
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007338.D
Acq: 23 Aug 2019 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 3837
Ion Ratio Lower Upper
152 100
150 146.4 109.1 163.7
115 75.1 59.6 89.4



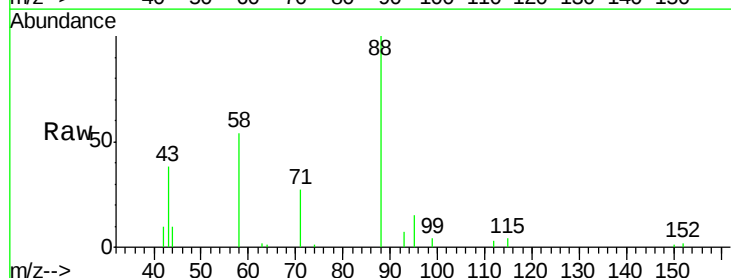
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



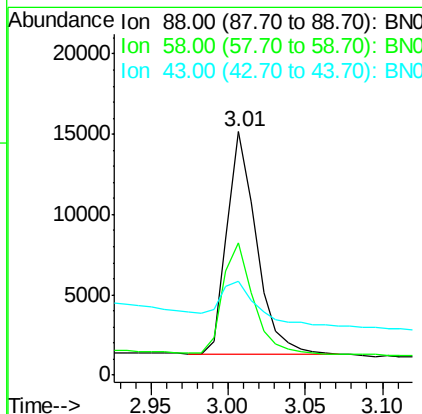
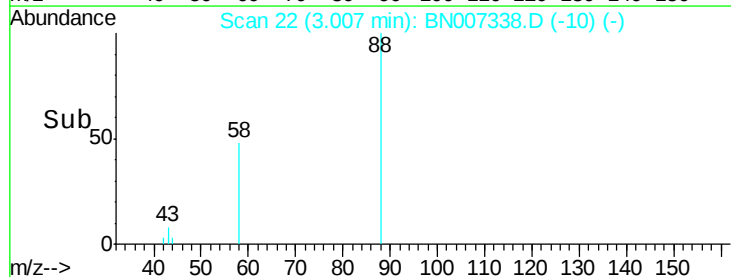
#2

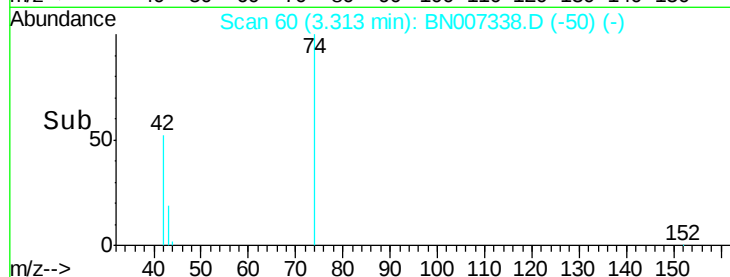
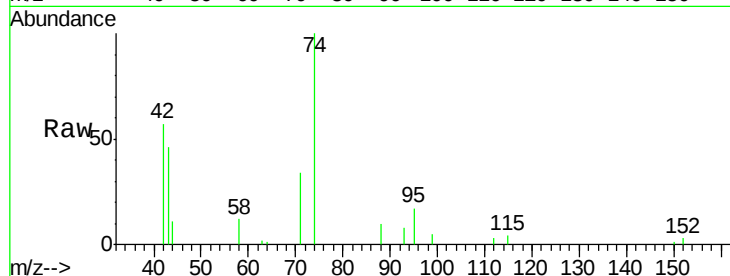
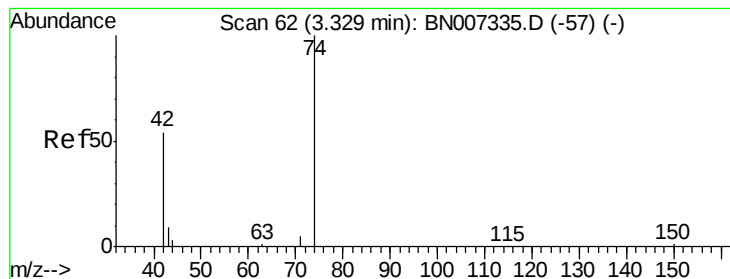
1,4-Dioxane
Concen: 3.249 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007338.D
Acq: 23 Aug 2019 22:01

Tgt Ion: 88 Resp: 18359
Ion Ratio Lower Upper
88 100
58 51.5 50.5 75.7
43 26.0 0.0 0.0#



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: 2.891 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

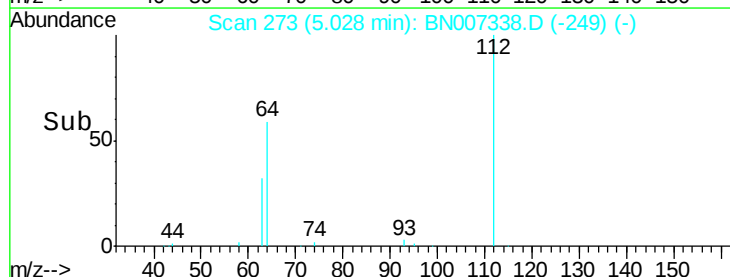
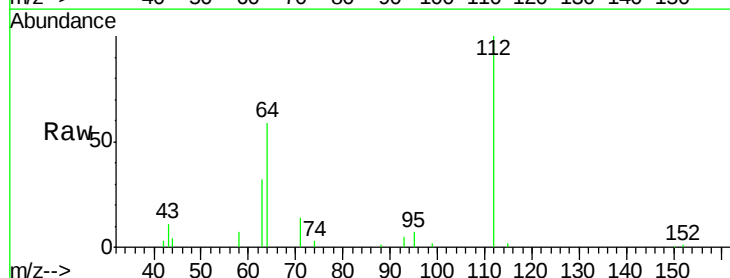
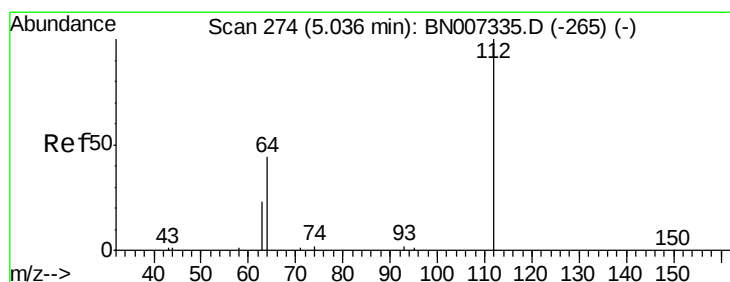
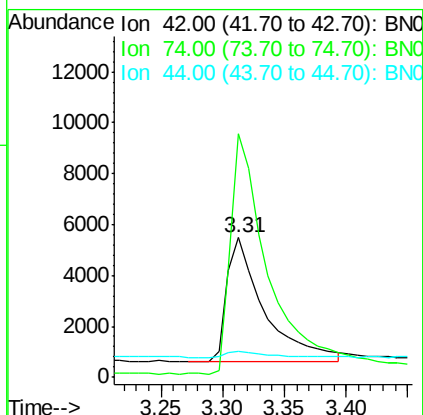
Tot Ion: 42 Resp: 10366

Ion Ratio Lower Upper

42 100

74 194.8 144.7 217.1

44 5.2 3.2 4.8#



#4

2-Fluorophenol

Concen: 3.261 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

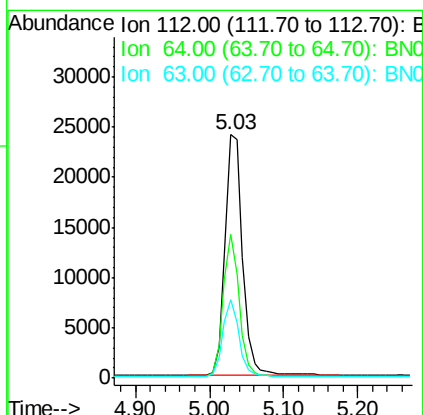
Tgt Ion: 112 Resp: 39393

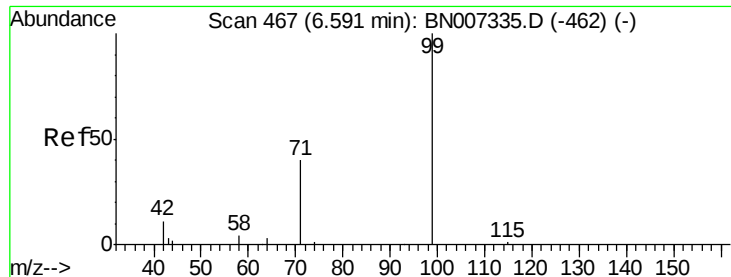
Ion Ratio Lower Upper

112 100

64 54.6 42.3 63.5

63 29.6 23.6 35.4





#5

Phenol-d6

Concen: 3.213 ng

RT: 6.59 min Scan# 467

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

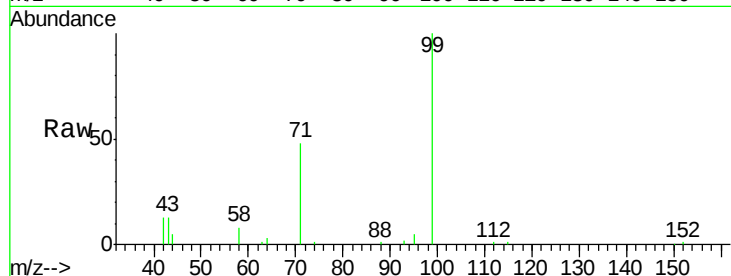
Tot Ion: 99 Resp: 49893

Ion Ratio Lower Upper

99 100

42 12.0 11.2 16.8

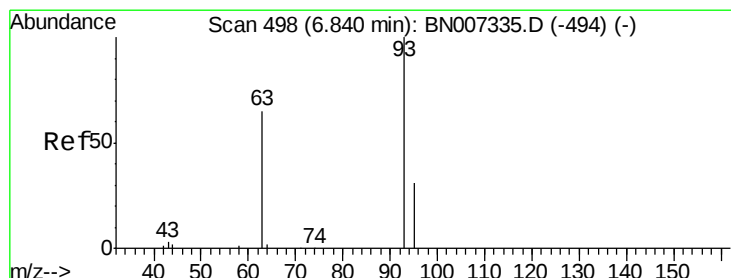
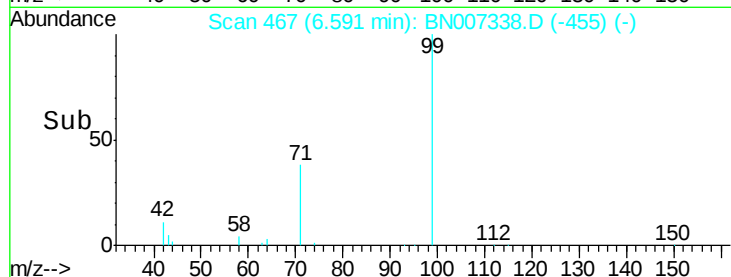
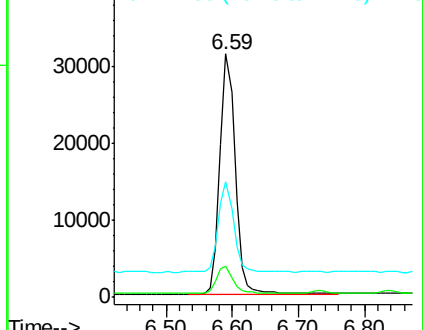
71 37.5 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007338.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007338.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007338.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.667 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

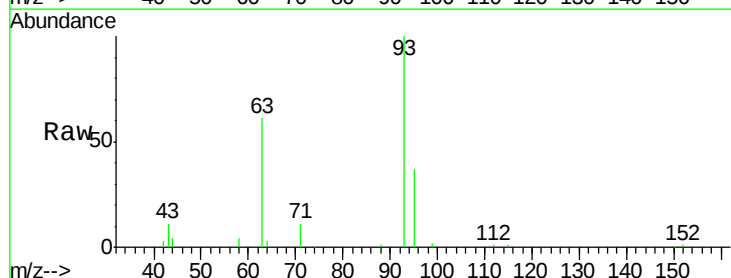
Tgt Ion: 93 Resp: 42671

Ion Ratio Lower Upper

93 100

63 65.1 51.9 77.9

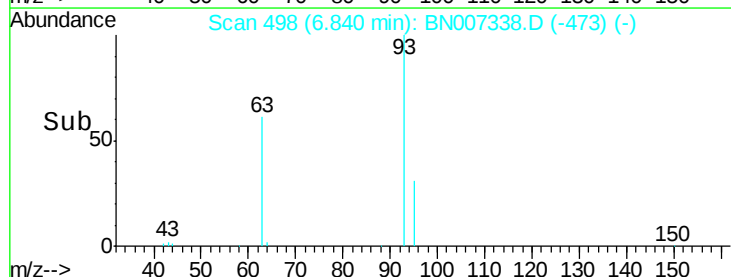
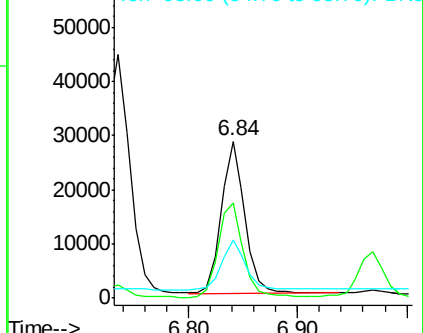
95 32.7 27.7 41.5

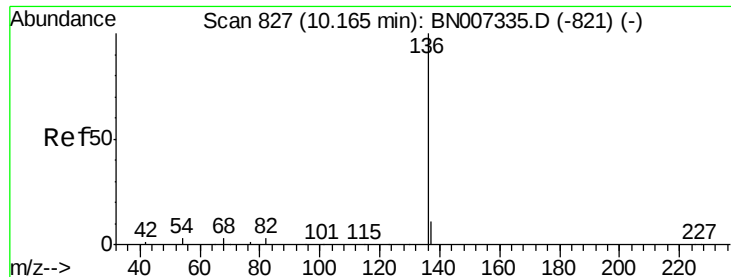


Abundance Ion 93.00 (92.70 to 93.70): BN007338.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007338.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007338.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 15844

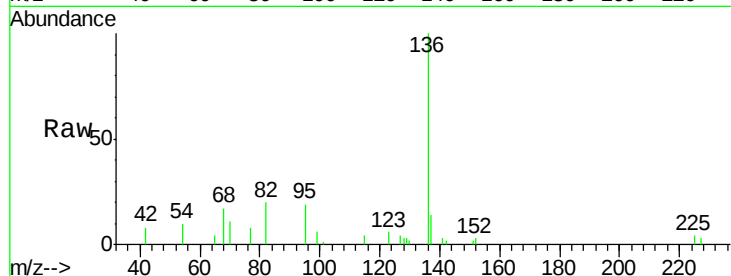
Ion Ratio Lower Upper

136 100

137 13.8 12.9 19.3

54 10.3 8.6 12.8

68 16.6 17.0 25.4#

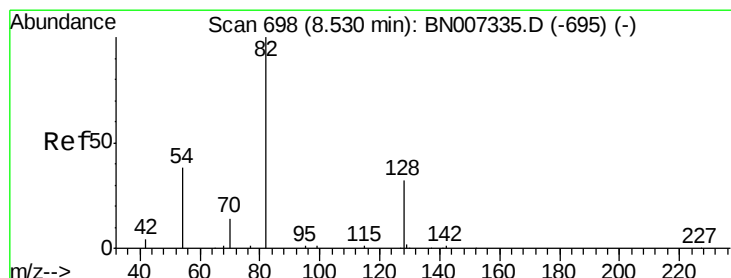
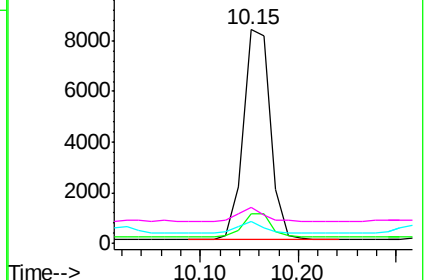
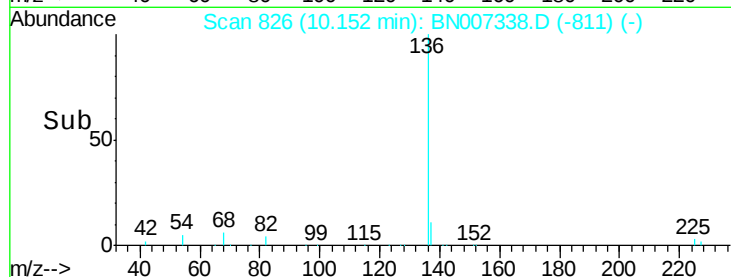


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.617 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

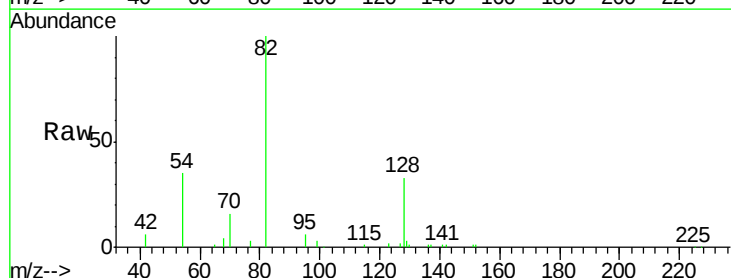
Tgt Ion: 82 Resp: 44403

Ion Ratio Lower Upper

82 100

128 32.9 19.7 29.5#

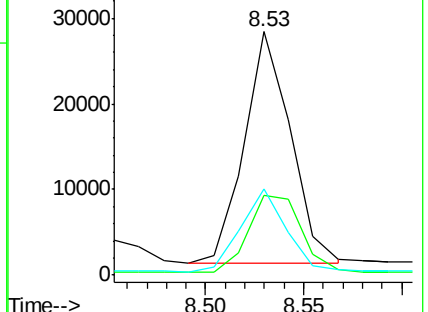
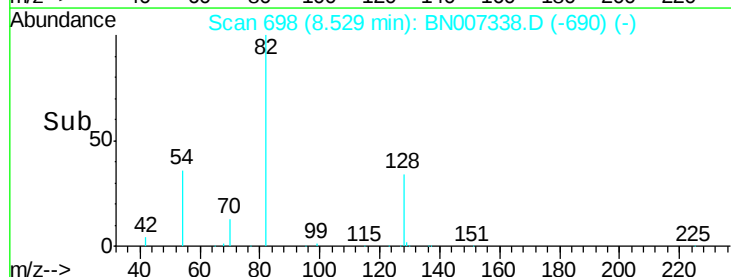
54 35.3 25.8 38.6

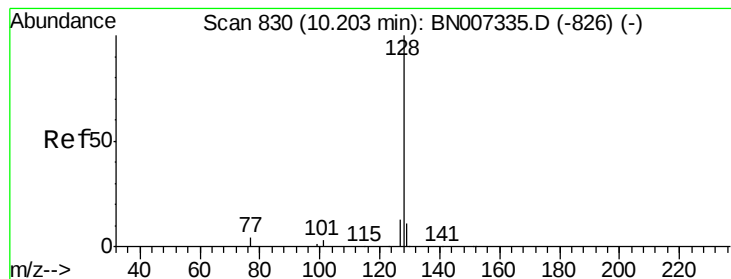


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.243 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

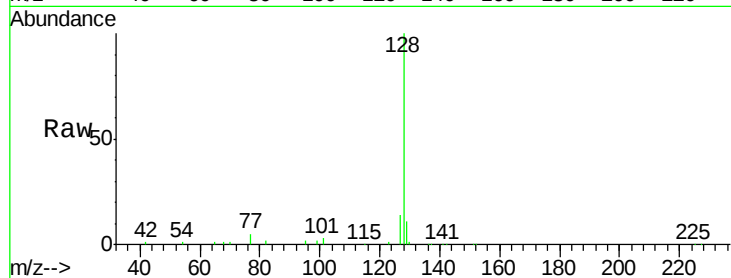
Tot Ion:128 Resp: 145435

Ion Ratio Lower Upper

128 100

129 11.1 11.1 16.7#

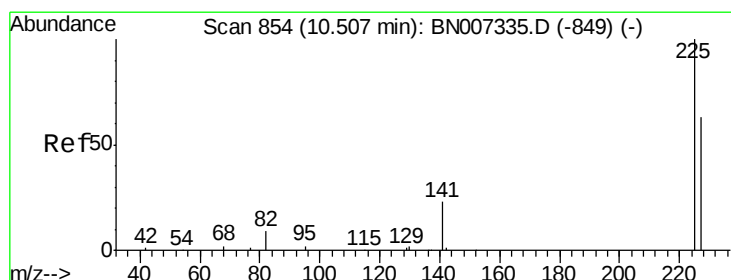
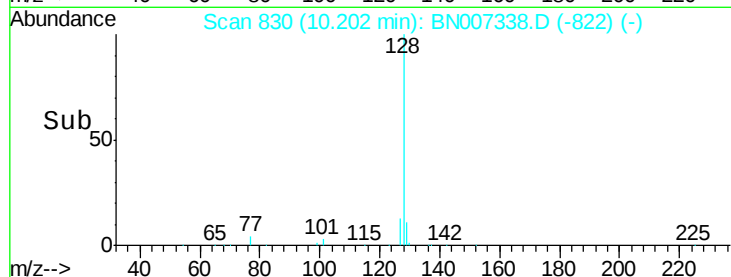
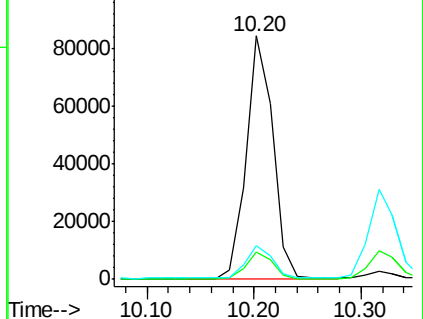
127 13.7 15.5 23.3#



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: 2.991 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

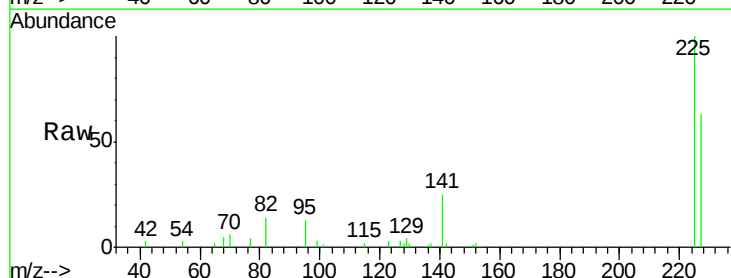
Tgt Ion:225 Resp: 29261

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

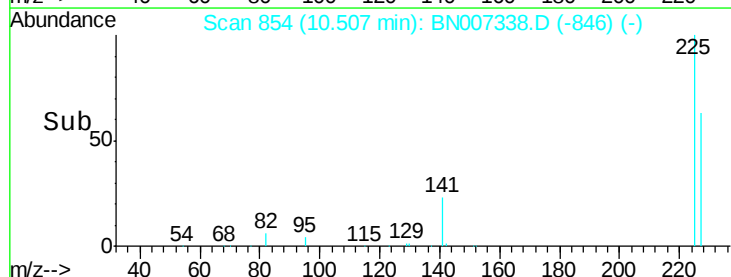
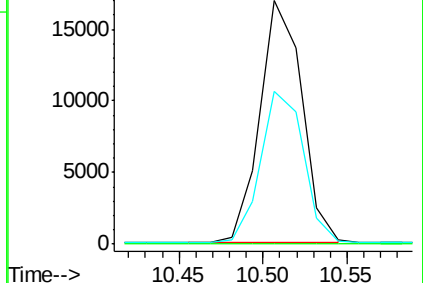
227 64.3 50.7 76.1

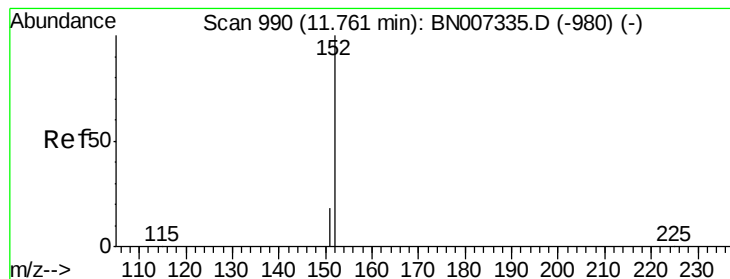


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.142 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

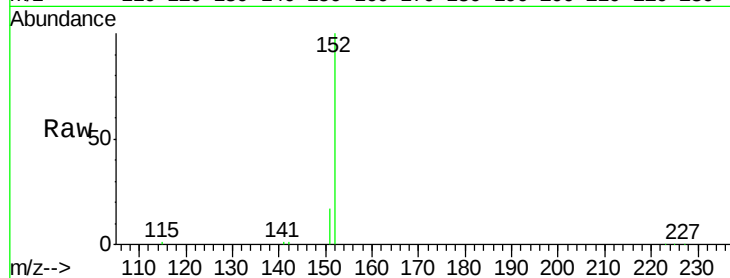
SSTDICC3.2

Tot Ion:152 Resp: 85482

Ion Ratio Lower Upper

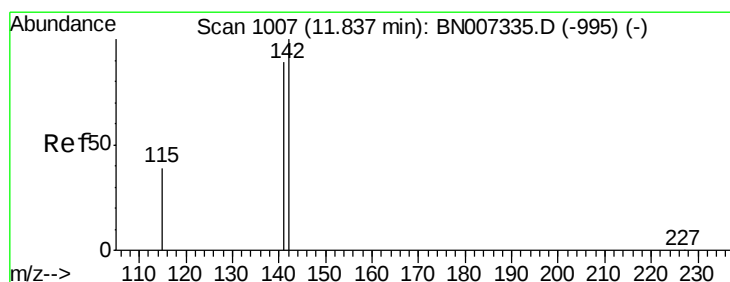
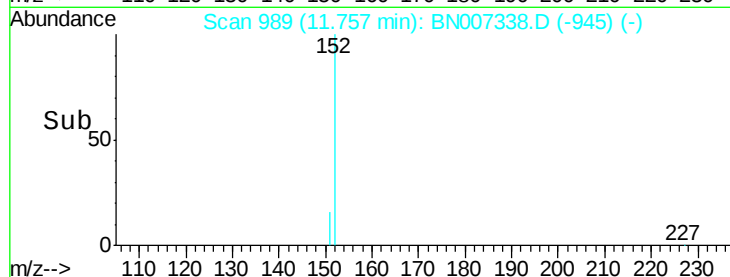
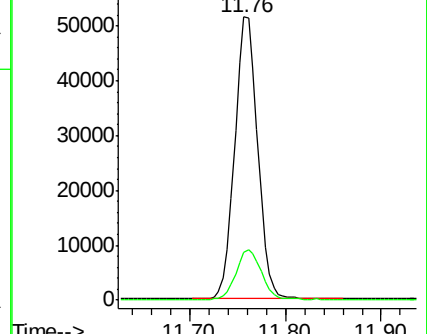
152 100

151 18.9 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.209 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

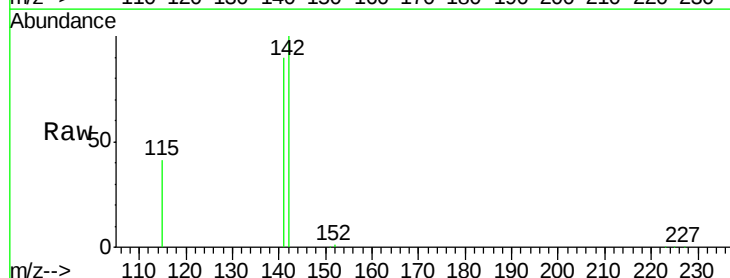
Tgt Ion:142 Resp: 99795

Ion Ratio Lower Upper

142 100

141 89.9 72.8 109.2

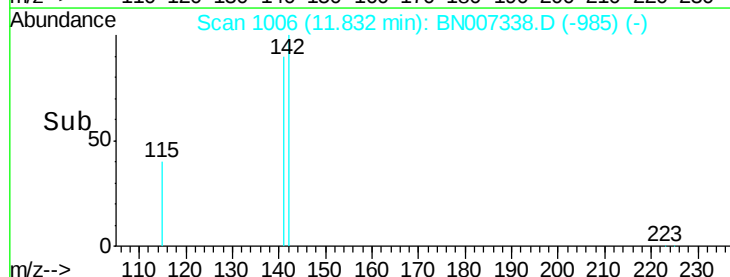
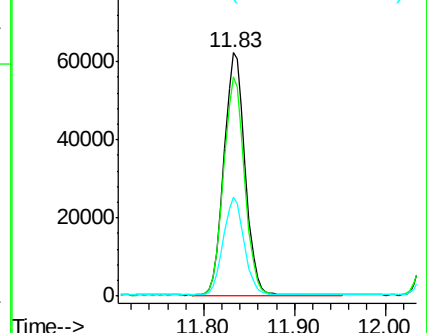
115 40.5 35.2 52.8

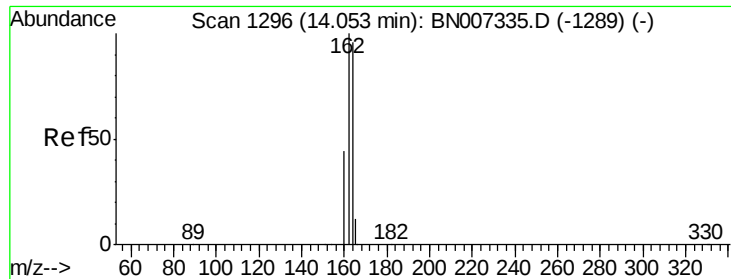


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

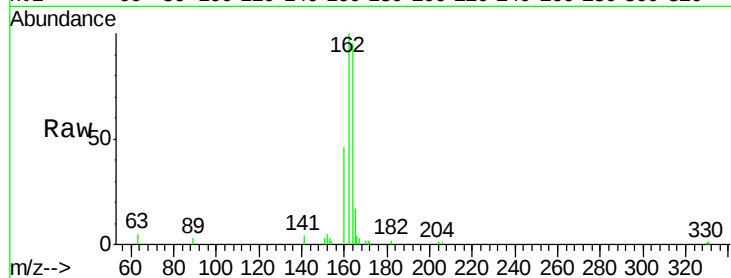
Tot Ion:164 Resp: 8870

Ion Ratio Lower Upper

164 100

162 105.6 83.5 125.3

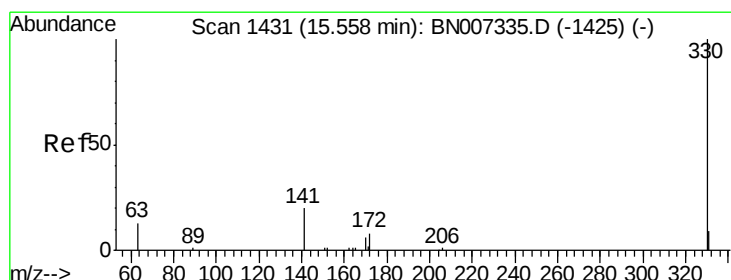
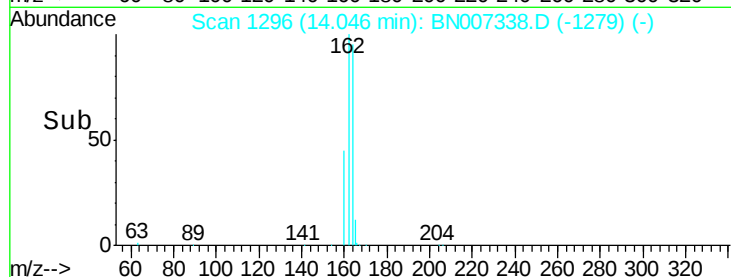
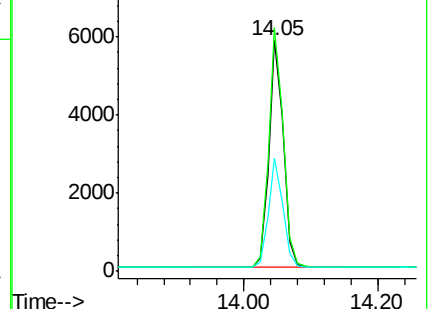
160 48.8 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 2.919 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

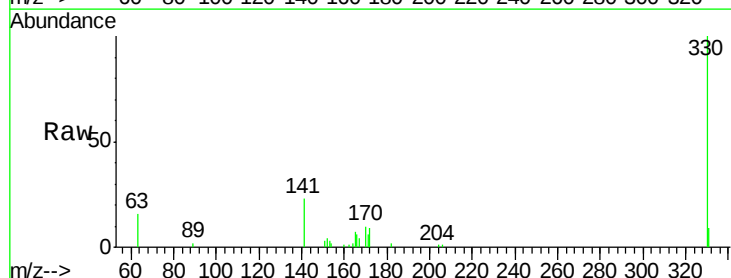
Tgt Ion:330 Resp: 14500

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

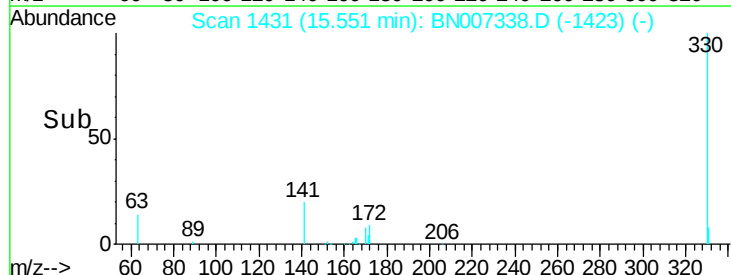
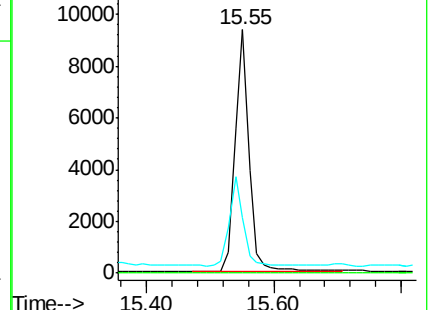
141 35.2 26.9 40.3

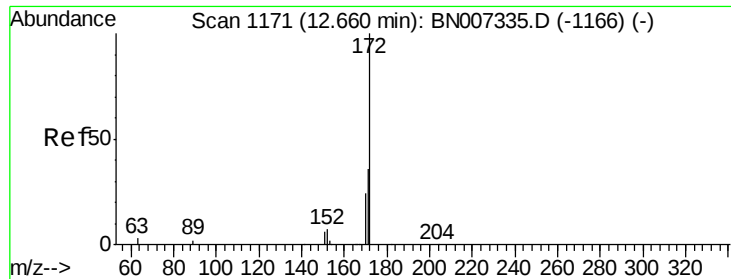


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

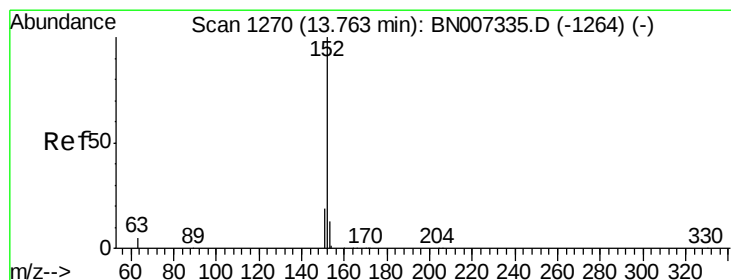
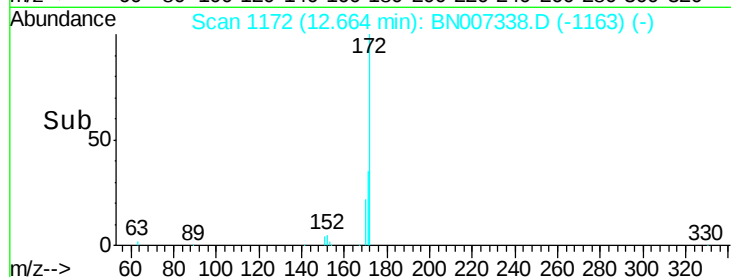
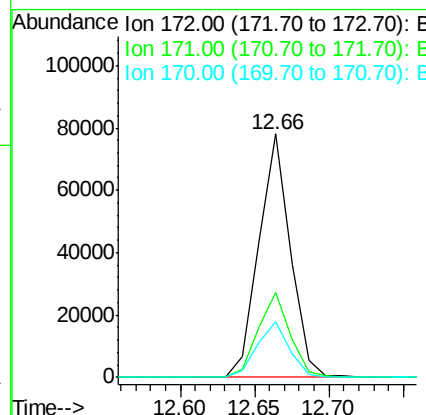
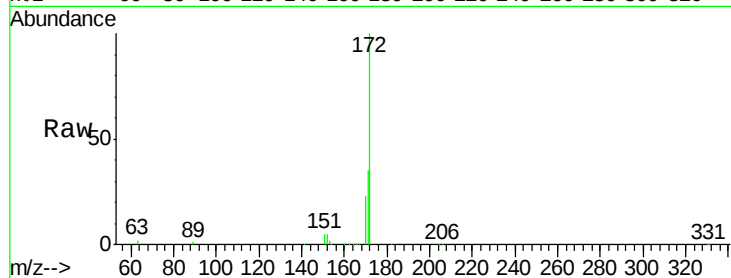




#15
2-Fluorobiphenyl
Concen: 3.036 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007338.D
Acq: 23 Aug 2019 22:01

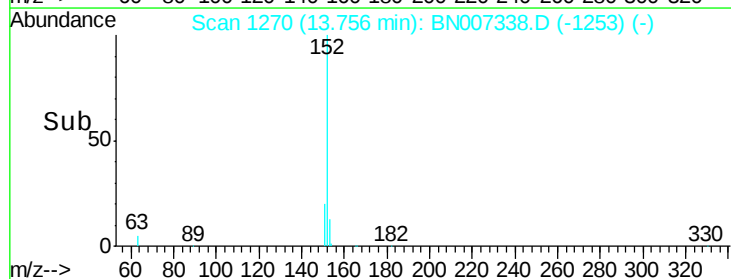
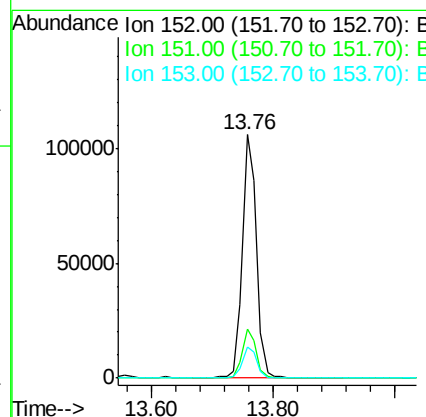
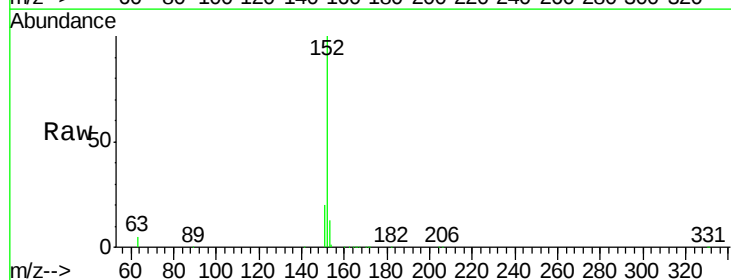
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

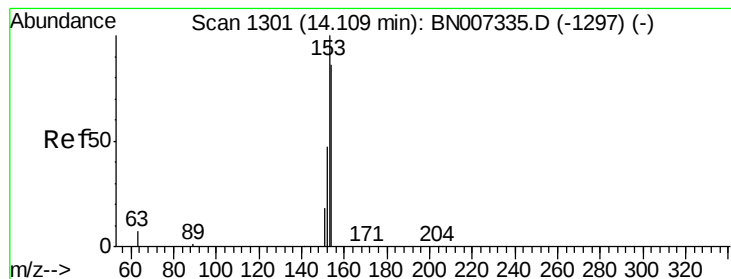
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.3	45.5
170	22.6	20.7	31.1



#16
Acenaphthylene
Concen: 3.473 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007338.D
Acq: 23 Aug 2019 22:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.0	10.6	15.8





#17

Acenaphthene

Concen: 3.230 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

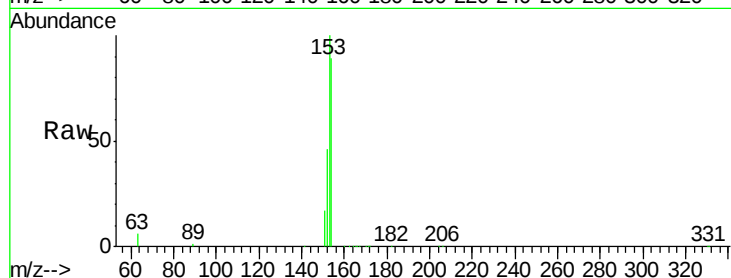
Tot Ion:154 Resp: 97109

Ion Ratio Lower Upper

154 100

153 113.1 92.8 139.2

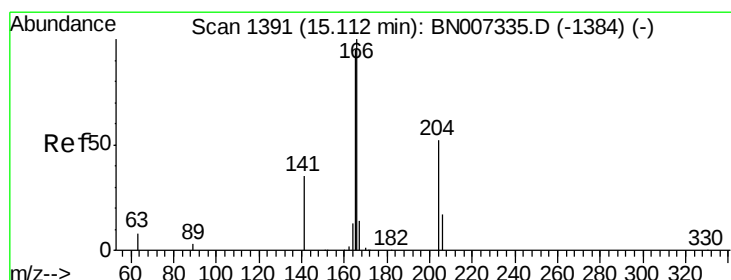
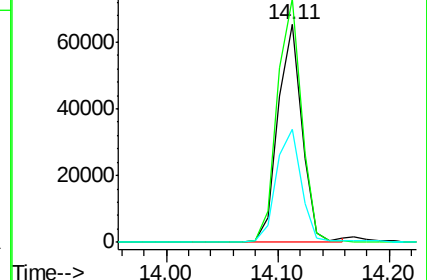
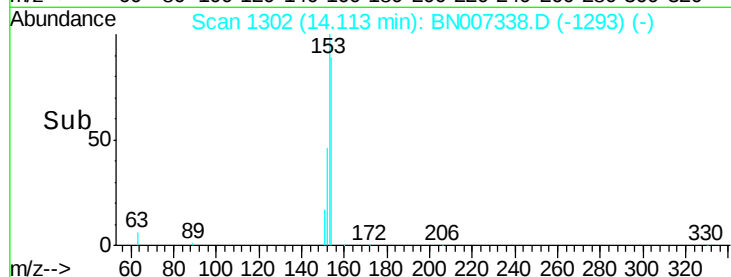
152 53.4 43.8 65.8



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: 3.201 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

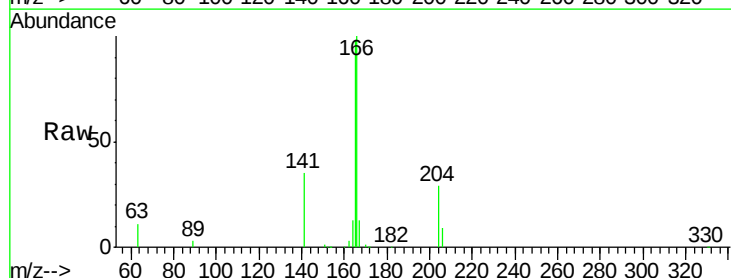
Tgt Ion:166 Resp: 125340

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.4

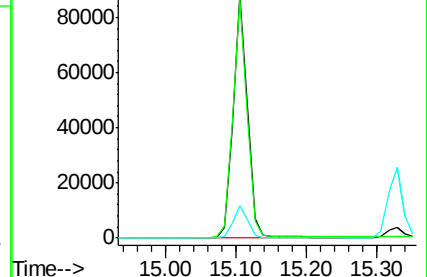
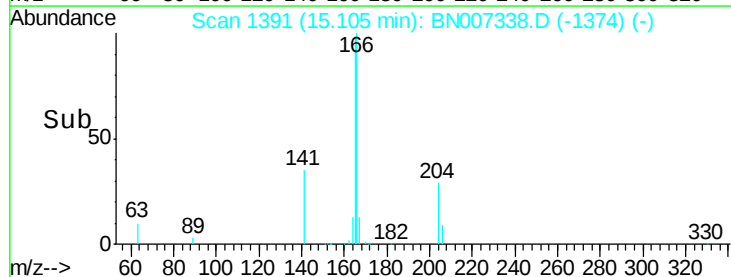
167 13.4 10.6 15.8

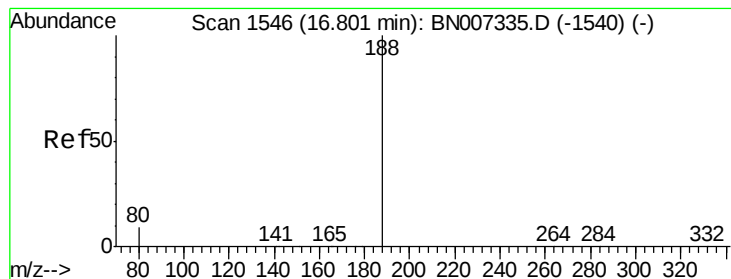


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

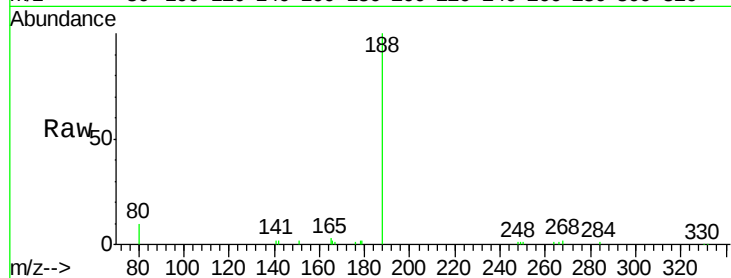
Tot Ion:188 Resp: 19878

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

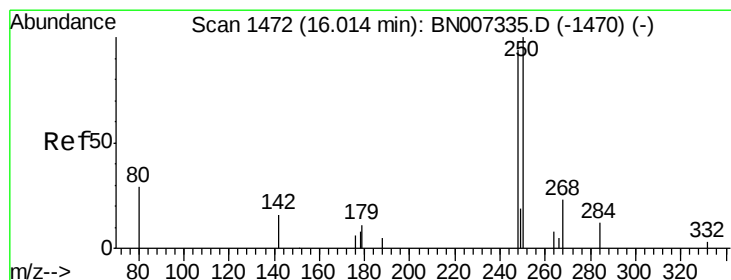
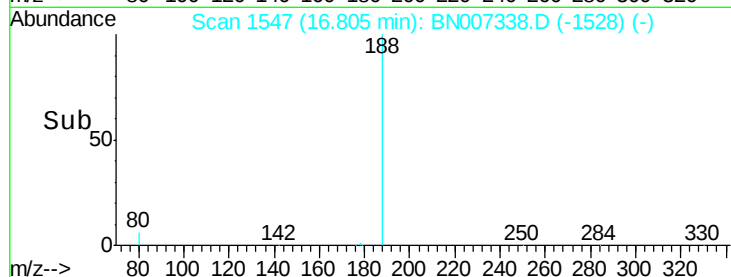
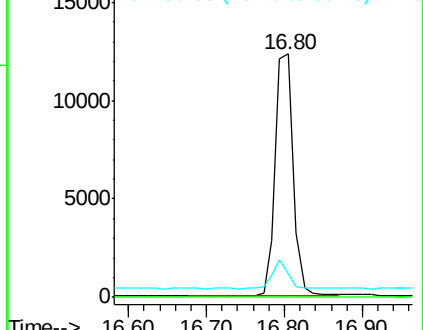
80 9.8 11.8 17.8#



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: 2.231 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

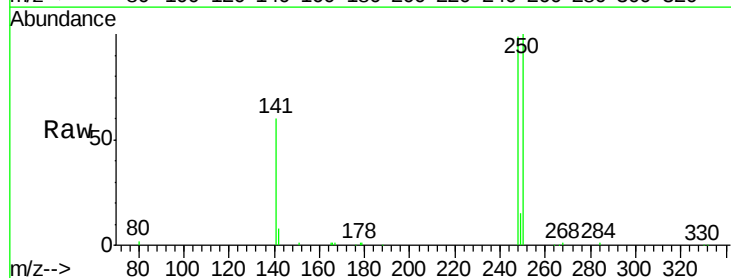
Tgt Ion:248 Resp: 24512

Ion Ratio Lower Upper

248 100

250 101.3 85.0 127.6

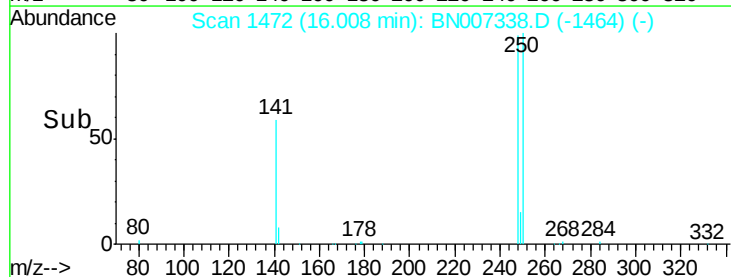
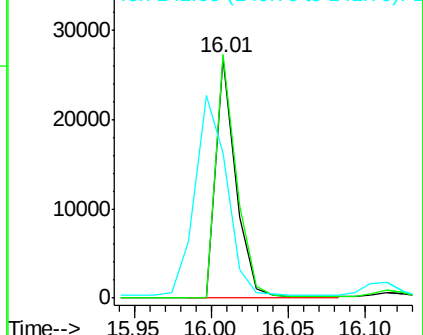
141 60.5 51.7 77.5

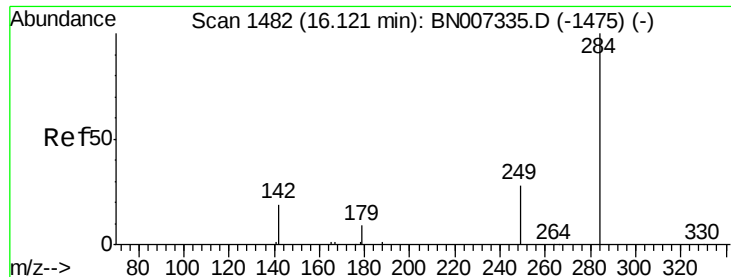


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

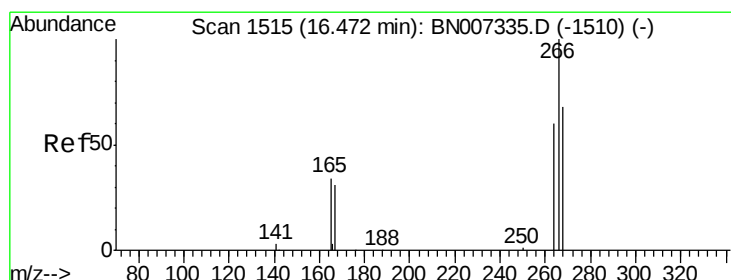
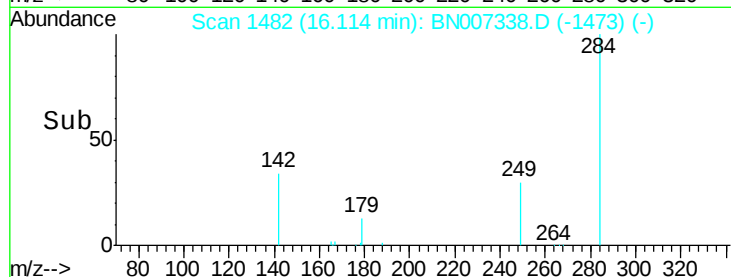
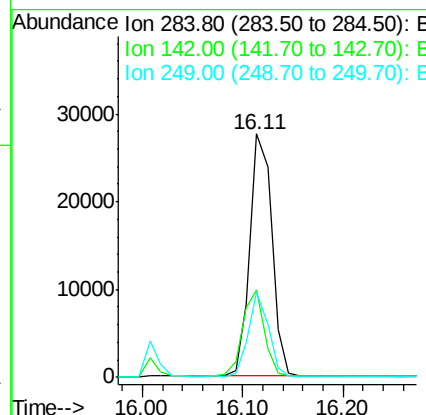
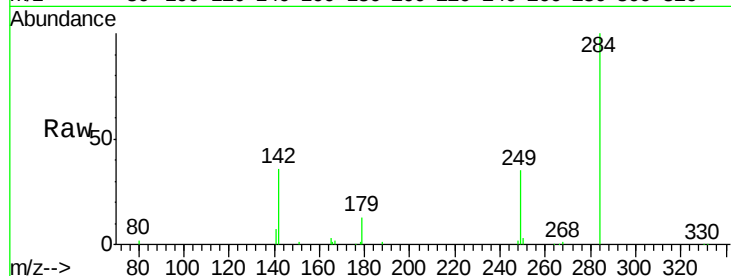




#21
Hexachlorobenzene
Concen: 3.208 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007338.D
Acq: 23 Aug 2019 22:01

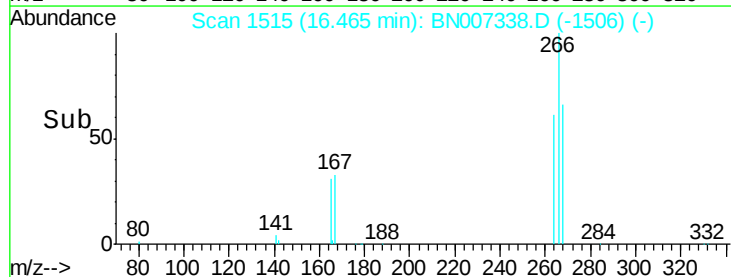
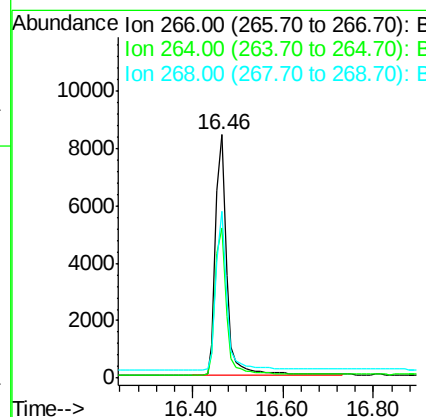
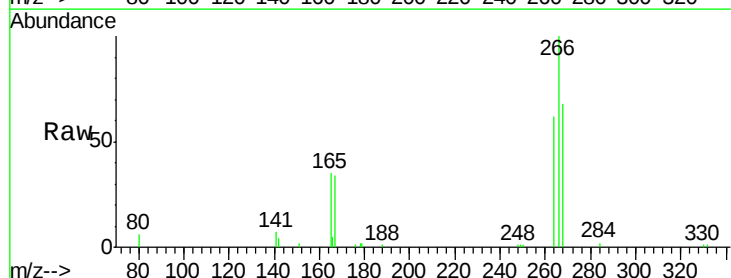
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

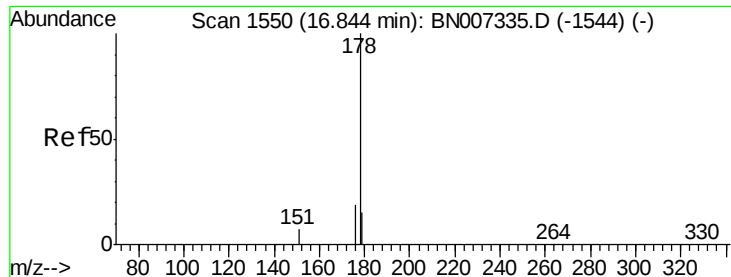
Tot Ion:284 Resp: 42146
Ion Ratio Lower Upper
284 100
142 34.5 29.0 43.6
249 31.9 24.9 37.3



#22
Pentachlorophenol
Concen: 2.835 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007338.D
Acq: 23 Aug 2019 22:01

Tgt Ion:266 Resp: 14611
Ion Ratio Lower Upper
266 100
264 61.9 57.8 86.8
268 68.5 99.7 149.5#





#23

Phenanthrene

Concen: 3.180 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

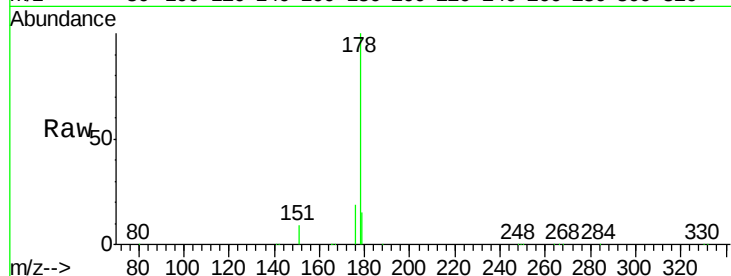
Tot Ion:178 Resp: 196494

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

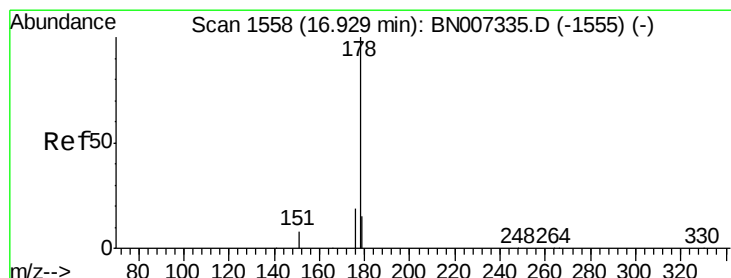
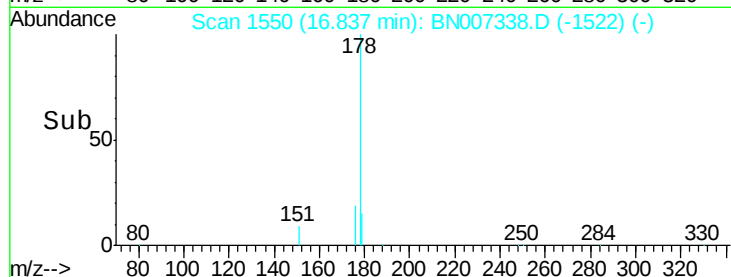
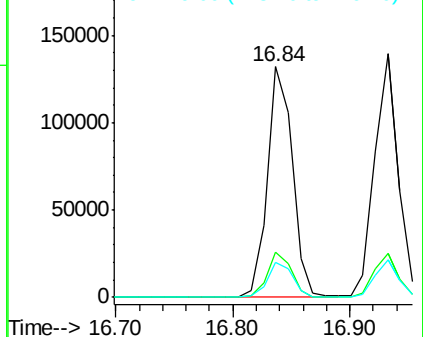
179 15.3 12.6 19.0



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: 3.481 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

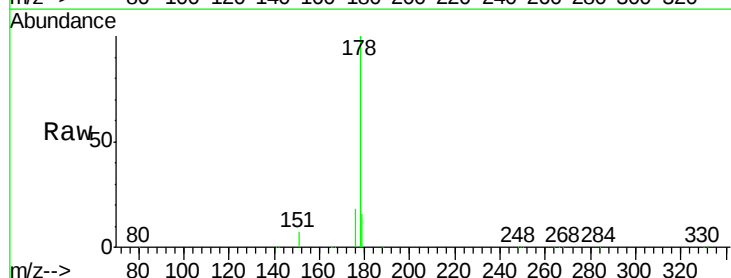
Tgt Ion:178 Resp: 197612

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

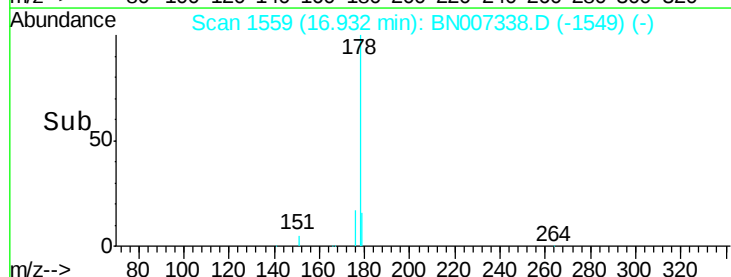
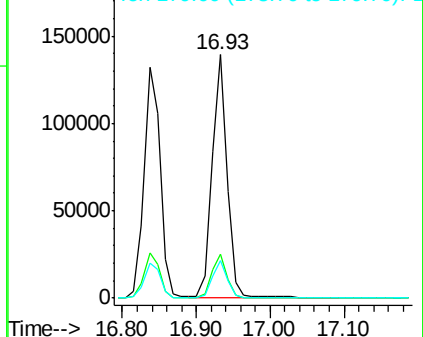
179 15.3 12.4 18.6

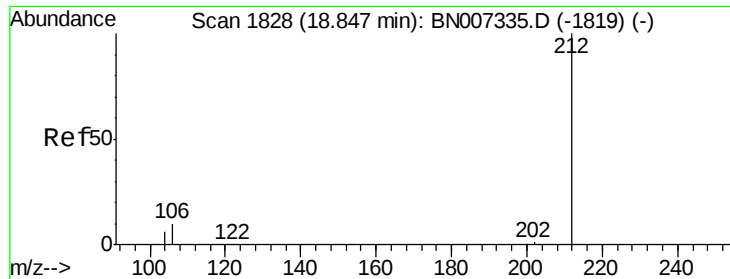


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

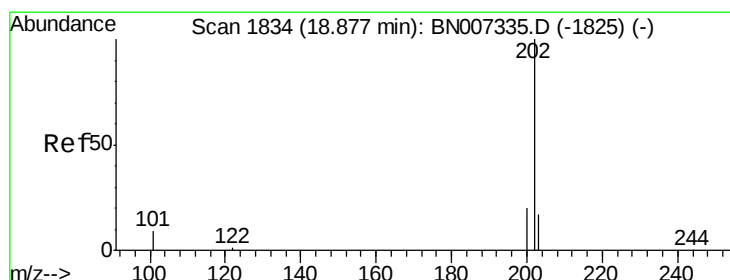
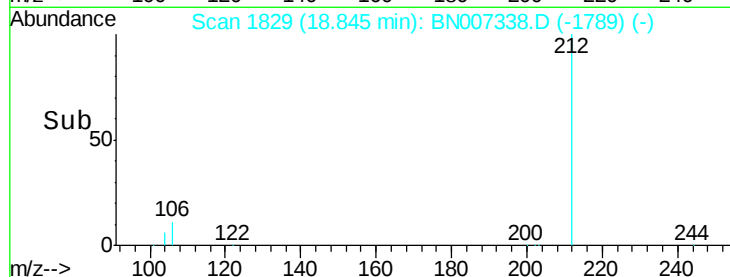
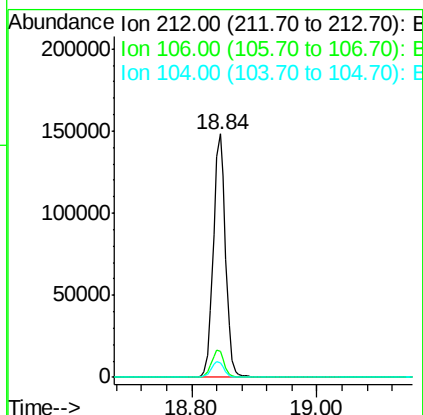
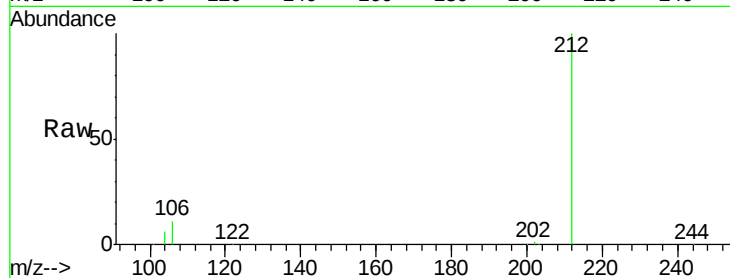




#25
 Fluoranthene-d10
 Concen: 3.169 ng
 RT: 18.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BN007338.D
 Acq: 23 Aug 2019 22:01

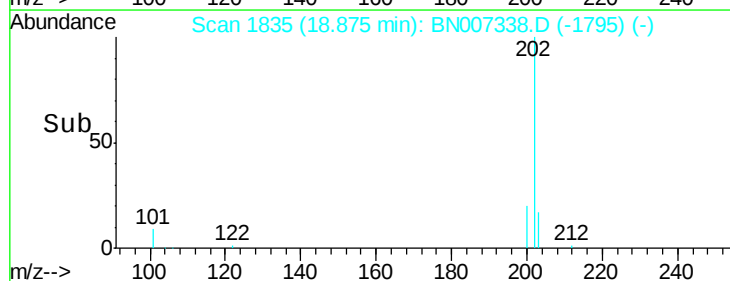
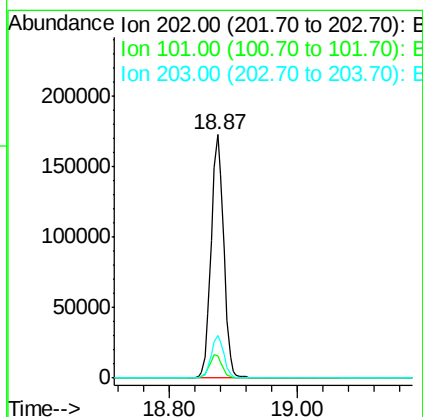
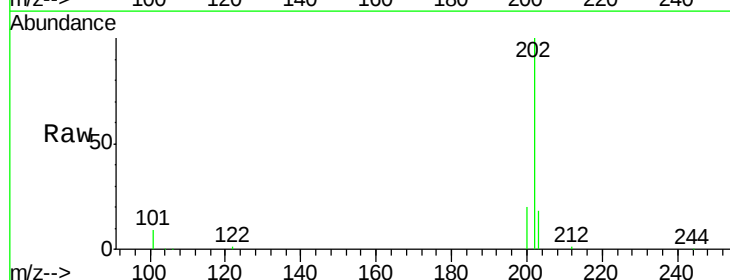
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

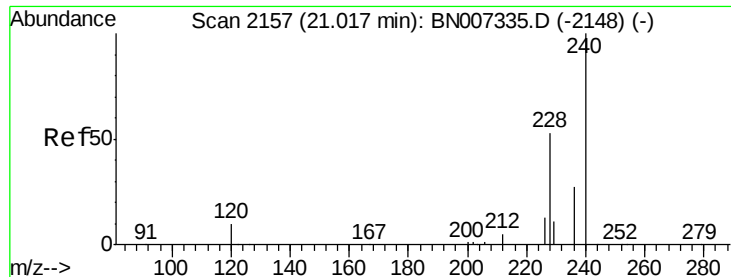
Tot Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.0	13.4
104	6.4	5.4	8.2



#26
 Fluoranthene
 Concen: 3.081 ng
 RT: 18.87 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BN007338.D
 Acq: 23 Aug 2019 22:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.7	11.5
203	17.3	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

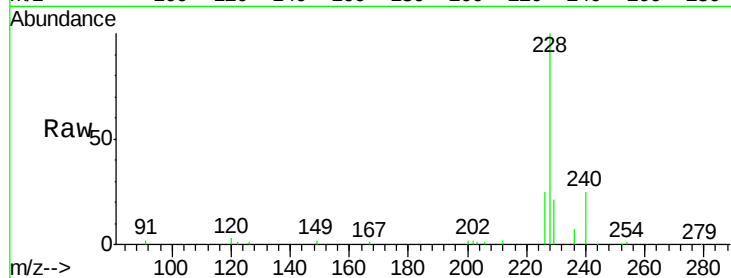
Tot Ion:240 Resp: 19290

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

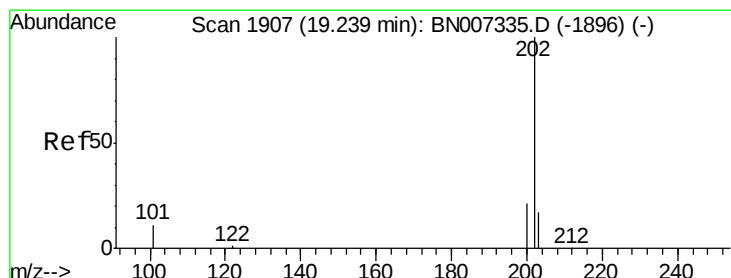
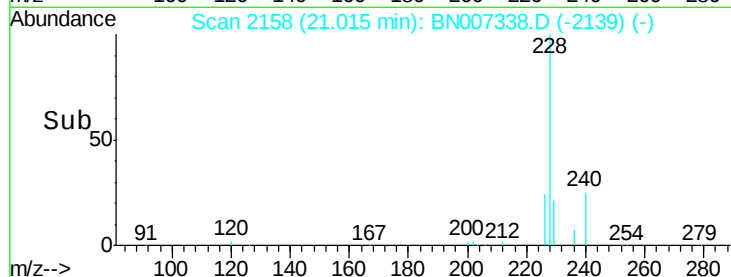
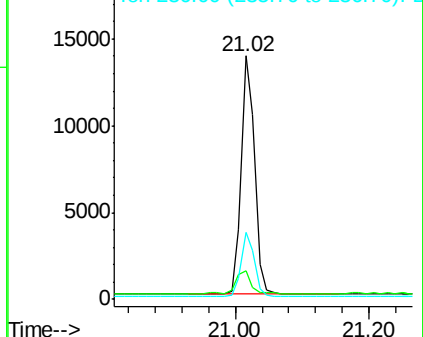
236 27.7 22.2 33.2



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: 3.280 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

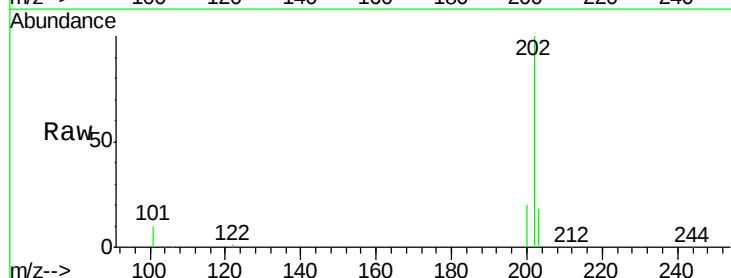
Tgt Ion:202 Resp: 239035

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

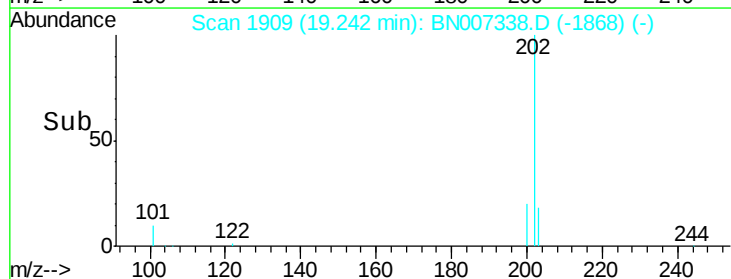
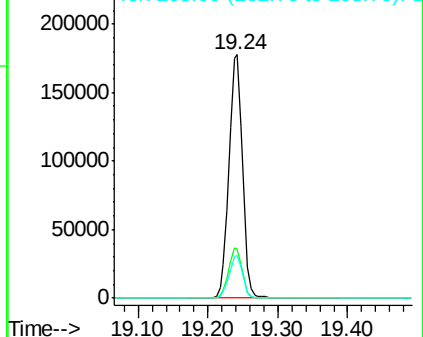
203 17.6 14.2 21.4

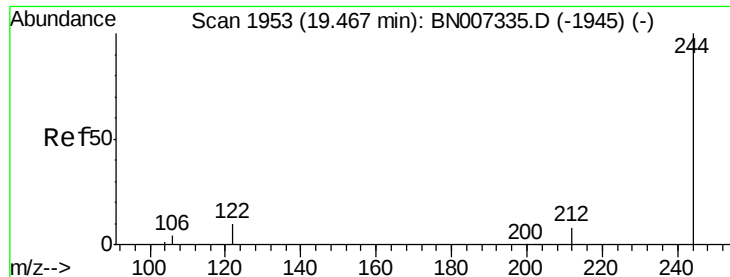


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.262 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampled :

SSTDICC3.2

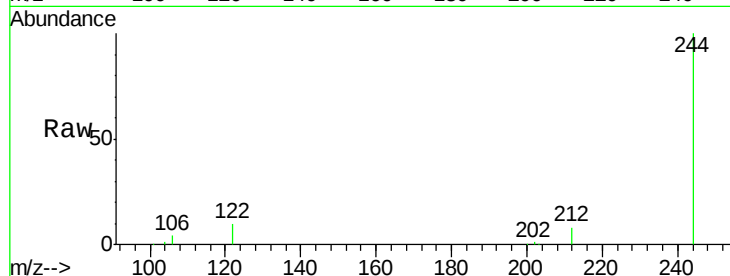
Tot Ion:244 Resp: 158691

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

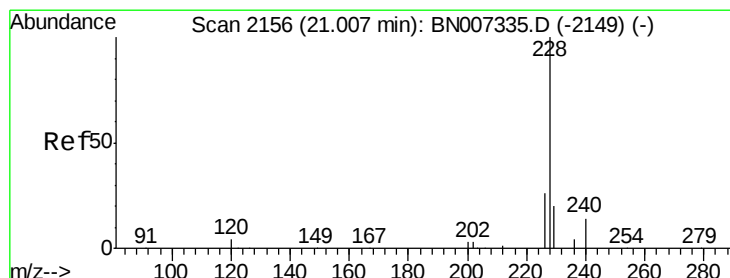
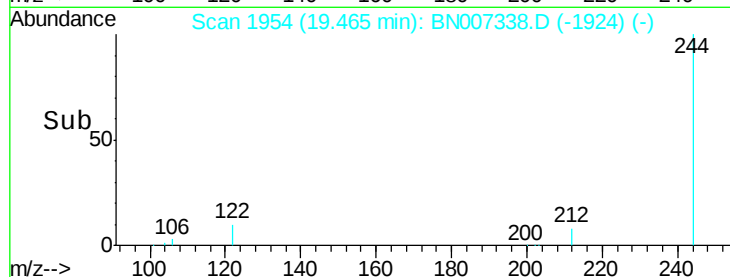
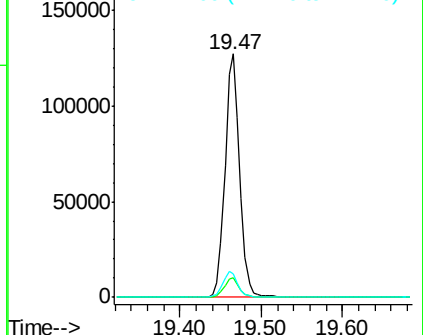
122 9.8 9.6 14.4



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: 3.279 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

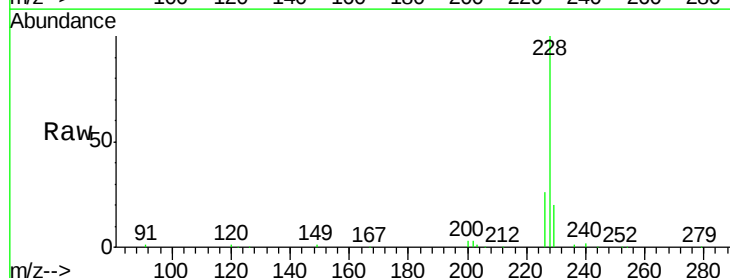
Tgt Ion:228 Resp: 237687

Ion Ratio Lower Upper

228 100

226 25.9 21.3 31.9

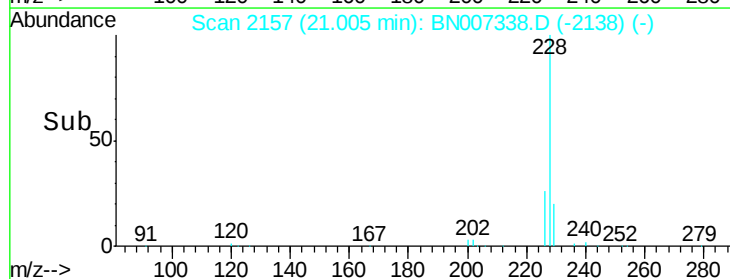
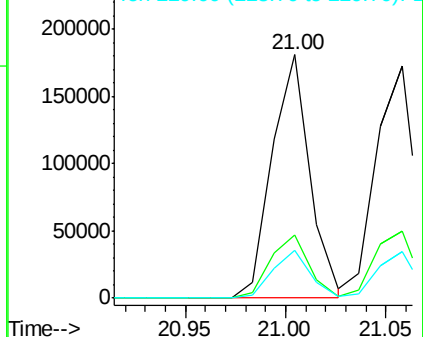
229 19.8 16.1 24.1

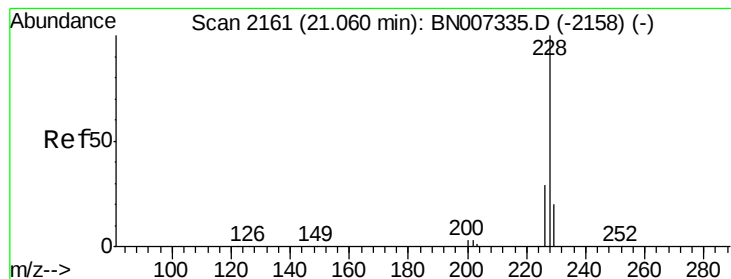


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.180 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

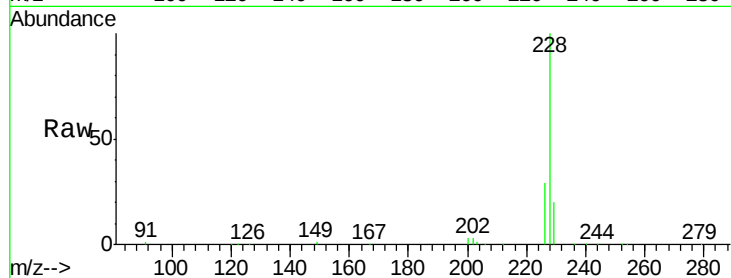
Tot Ion:228 Resp: 233346

Ion Ratio Lower Upper

228 100

226 28.7 23.5 35.3

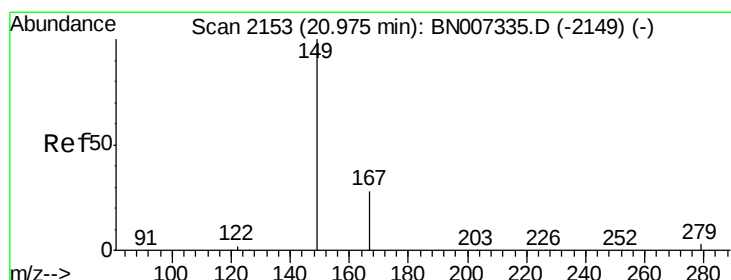
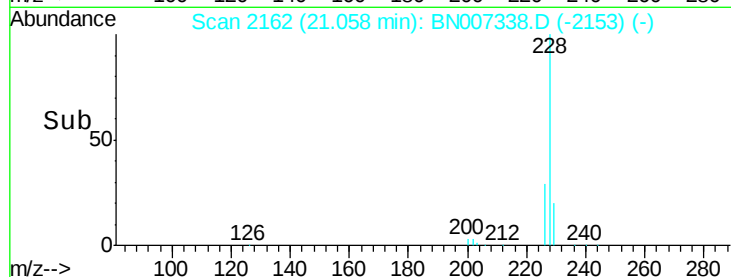
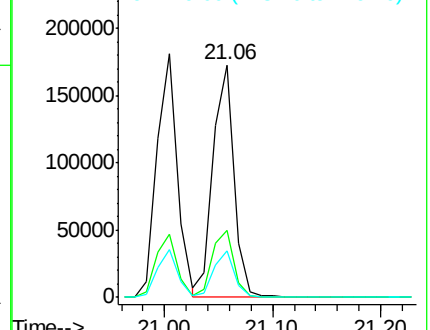
229 19.9 16.6 24.8



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: 4.644 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

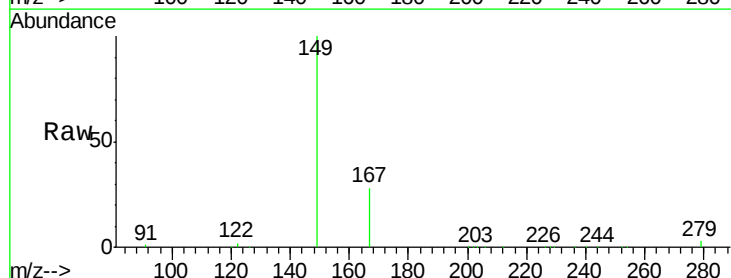
Tgt Ion:149 Resp: 151948

Ion Ratio Lower Upper

149 100

167 27.6 22.8 34.2

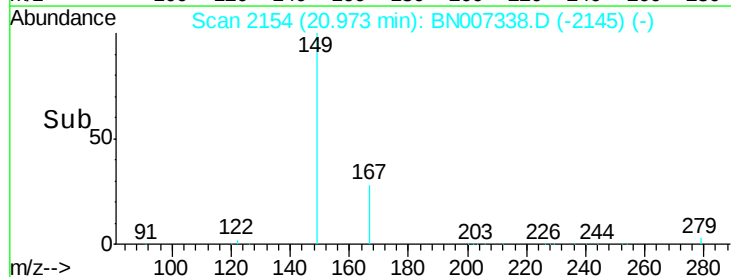
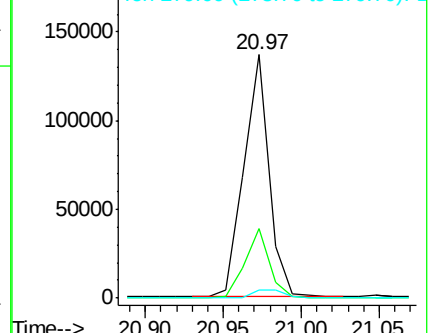
279 4.3 3.5 5.3

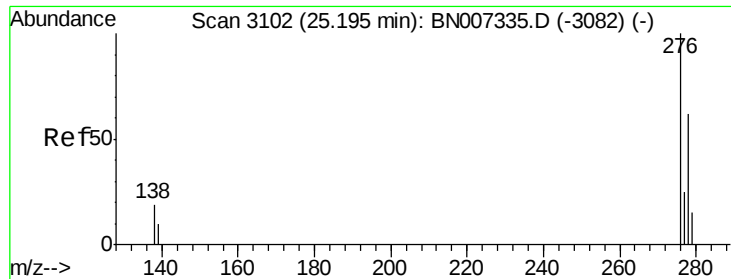


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

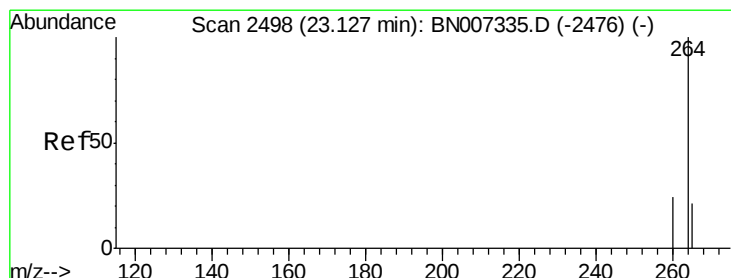
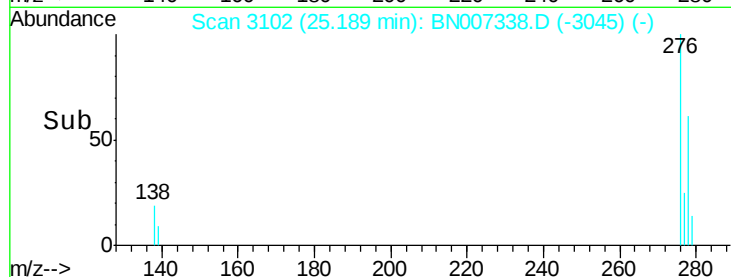
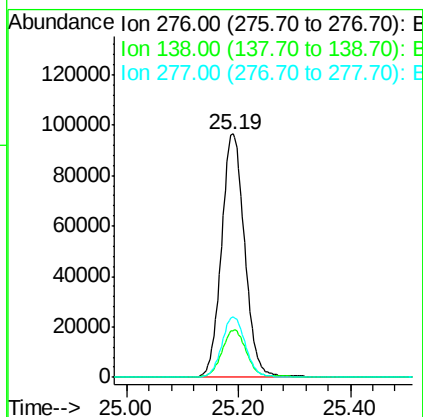
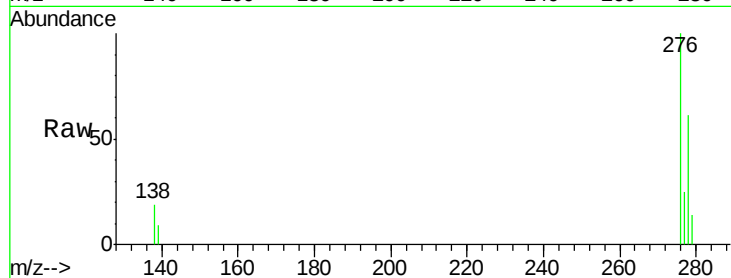




#33
Indeno(1,2,3-cd)pyrene
Concen: 3.137 ng
RT: 25.19 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN007338.D
Acq: 23 Aug 2019 22:01

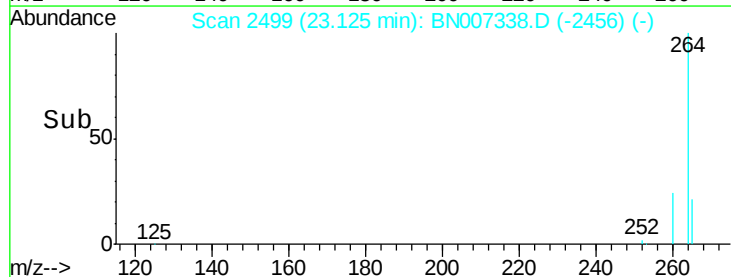
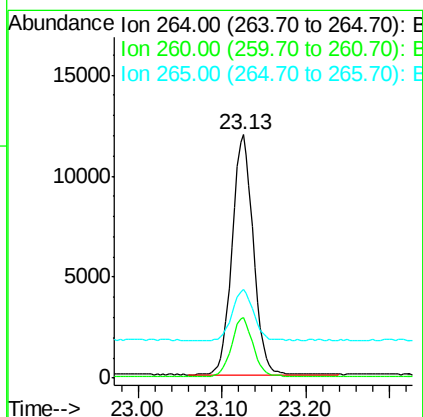
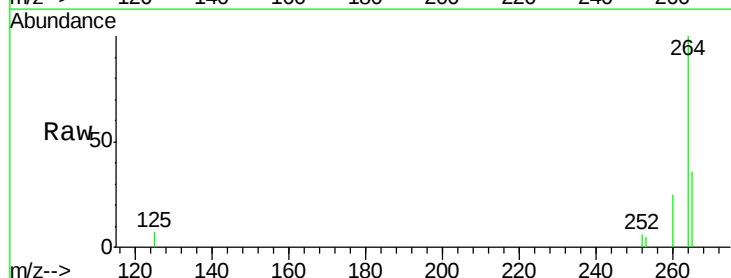
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

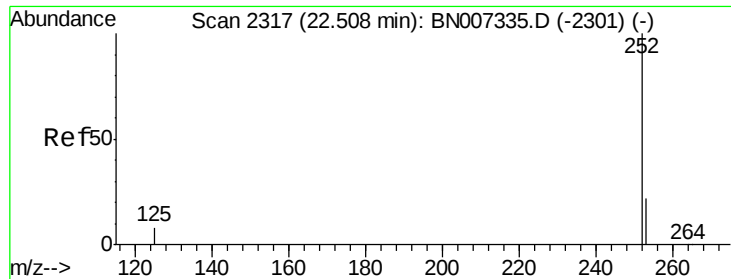
Tot Ion:276 Resp: 276482
Ion Ratio Lower Upper
276 100
138 19.8 15.1 22.7
277 25.0 19.7 29.5



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BN007338.D
Acq: 23 Aug 2019 22:01

Tgt Ion:264 Resp: 20791
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 36.3 29.9 44.9





#35

Benzo(b)fluoranthene

Concen: 3.138 ng

RT: 22.51 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

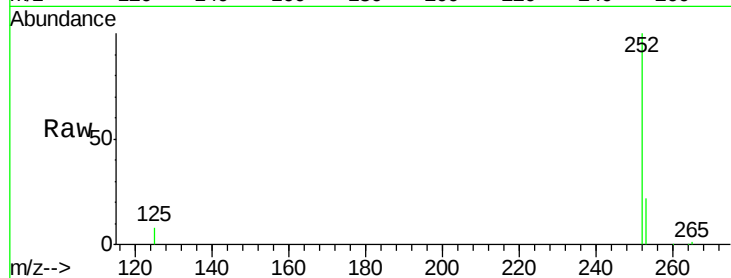
Tot Ion:252 Resp: 242619

Ion Ratio Lower Upper

252 100

253 22.2 19.2 28.8

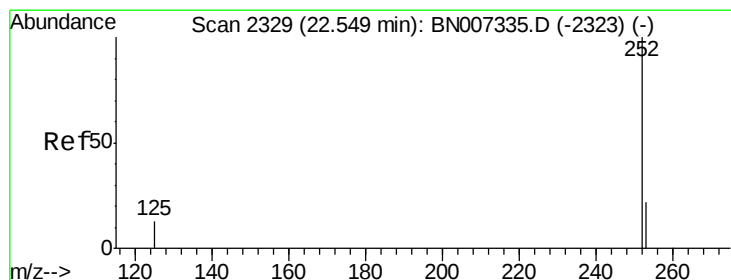
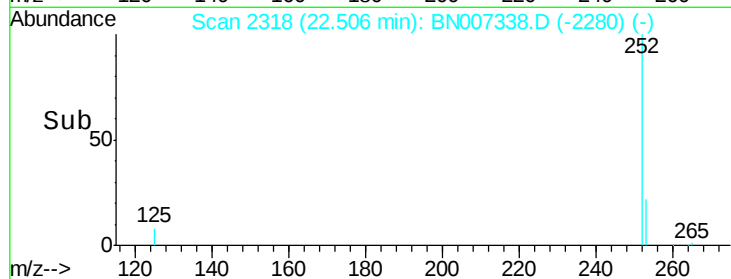
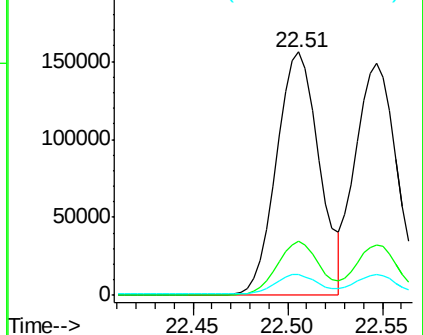
125 8.5 10.6 16.0#



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



#36

Benzo(k)fluoranthene

Concen: 3.054 ng

RT: 22.55 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

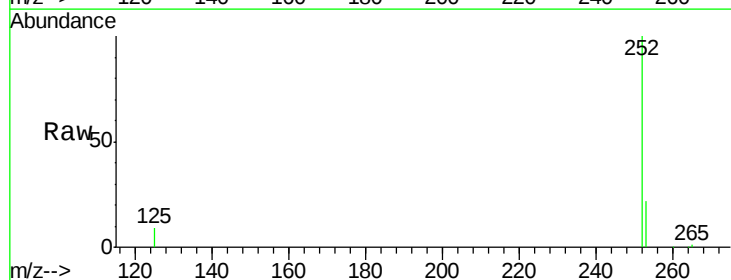
Tgt Ion:252 Resp: 231205

Ion Ratio Lower Upper

252 100

253 21.9 19.4 29.2

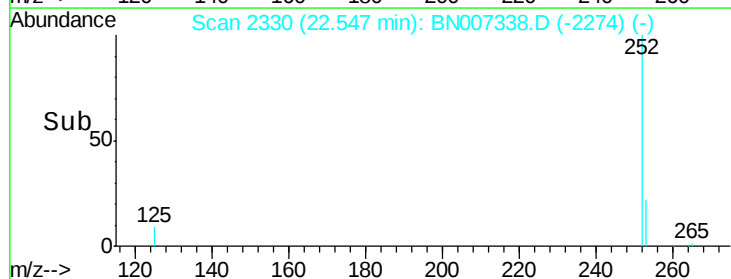
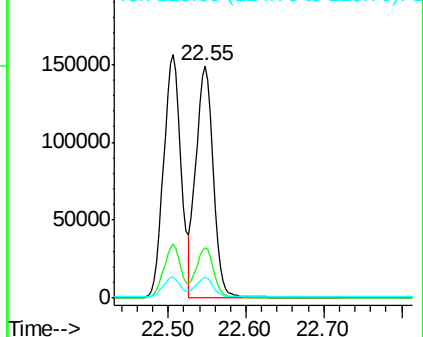
125 8.9 13.1 19.7#

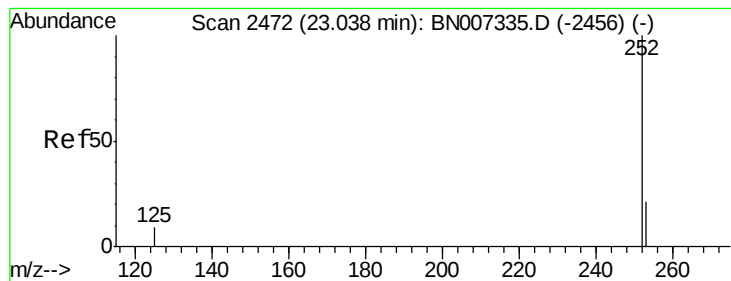


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.196 ng

RT: 23.03 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

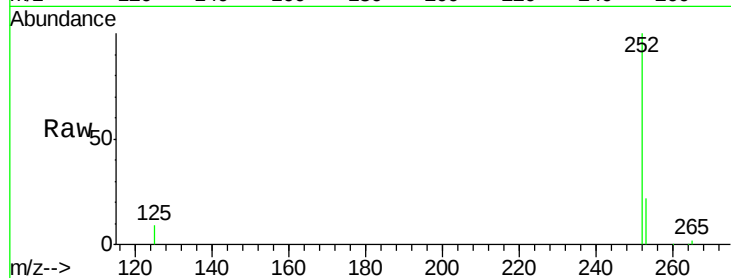
Tot Ion:252 Resp: 224997

Ion Ratio Lower Upper

252 100

253 22.1 19.5 29.3

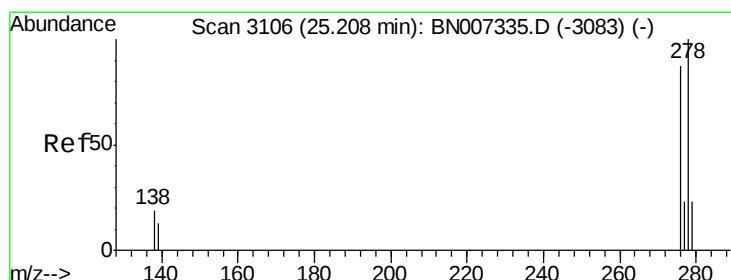
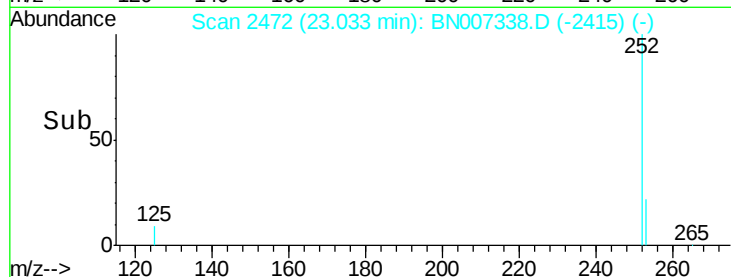
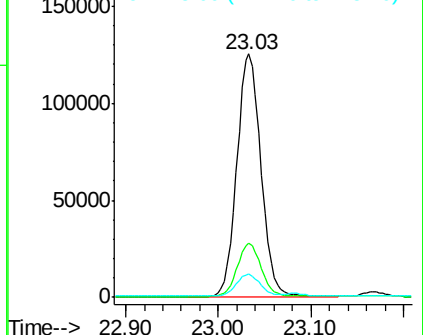
125 9.5 12.1 18.1#



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: 3.077 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

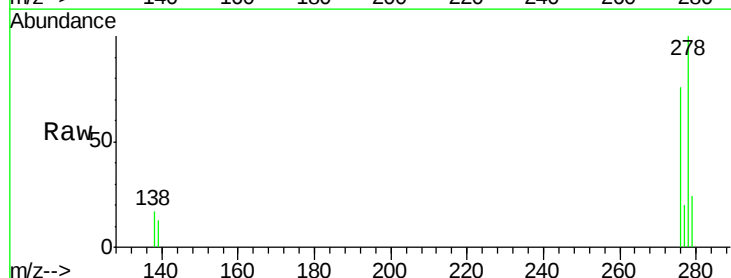
Tgt Ion:278 Resp: 225071

Ion Ratio Lower Upper

278 100

139 13.1 13.7 20.5#

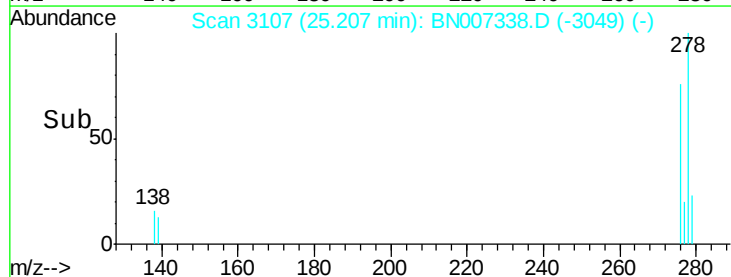
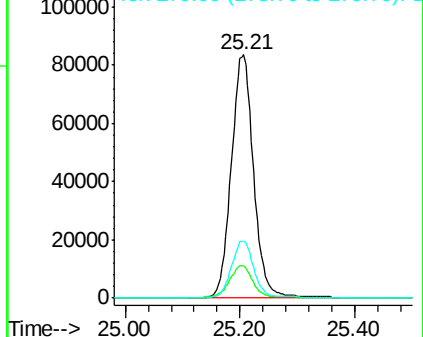
279 23.5 20.2 30.4

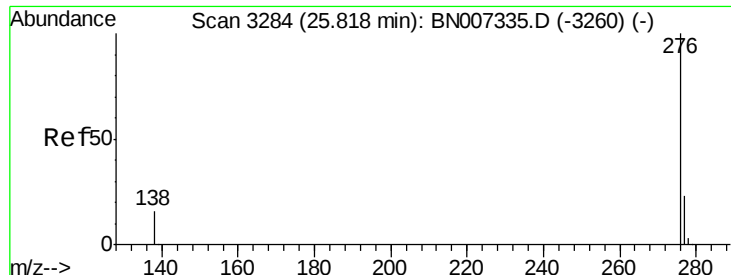


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.043 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007338.D

Acq: 23 Aug 2019 22:01

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

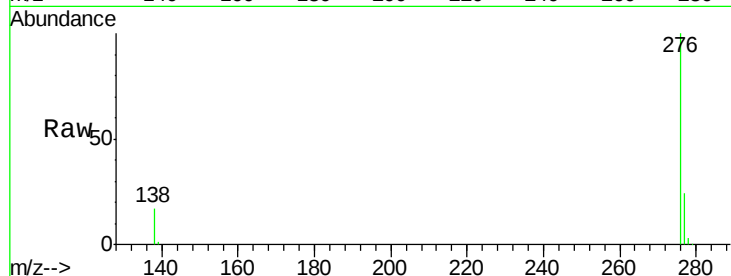
Tot Ion:276 Resp: 224441

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 17.3 16.3 24.5



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

