

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
 Data File : BN006763.D
 Acq On : 09 Jul 2019 09:49
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jul 09 12:31:35 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	7.59	152	2879	0.40	ng	0.00
7) Naphthalene-d8	10.36	136	10916	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	6275	0.40	ng	0.00
19) Phenanthrene-d10	17.00	188	14628	0.40	ng	0.00
27) Chrysene-d12	21.24	240	14941	0.40	ng	0.00
34) Perylene-d12	23.47	264	17337	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2509	0.32	ng	0.00
5) Phenol-d6	6.81	99	3330	0.34	ng	0.00
8) Nitrobenzene-d5	8.78	82	2913	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	6938	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.77	330	1140	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	9866	0.40	ng	0.00
25) Fluoranthene-d10	19.06	212	18890	0.45	ng	0.00
29) Terphenyl-d14	19.66	244	14161	0.41	ng	0.00

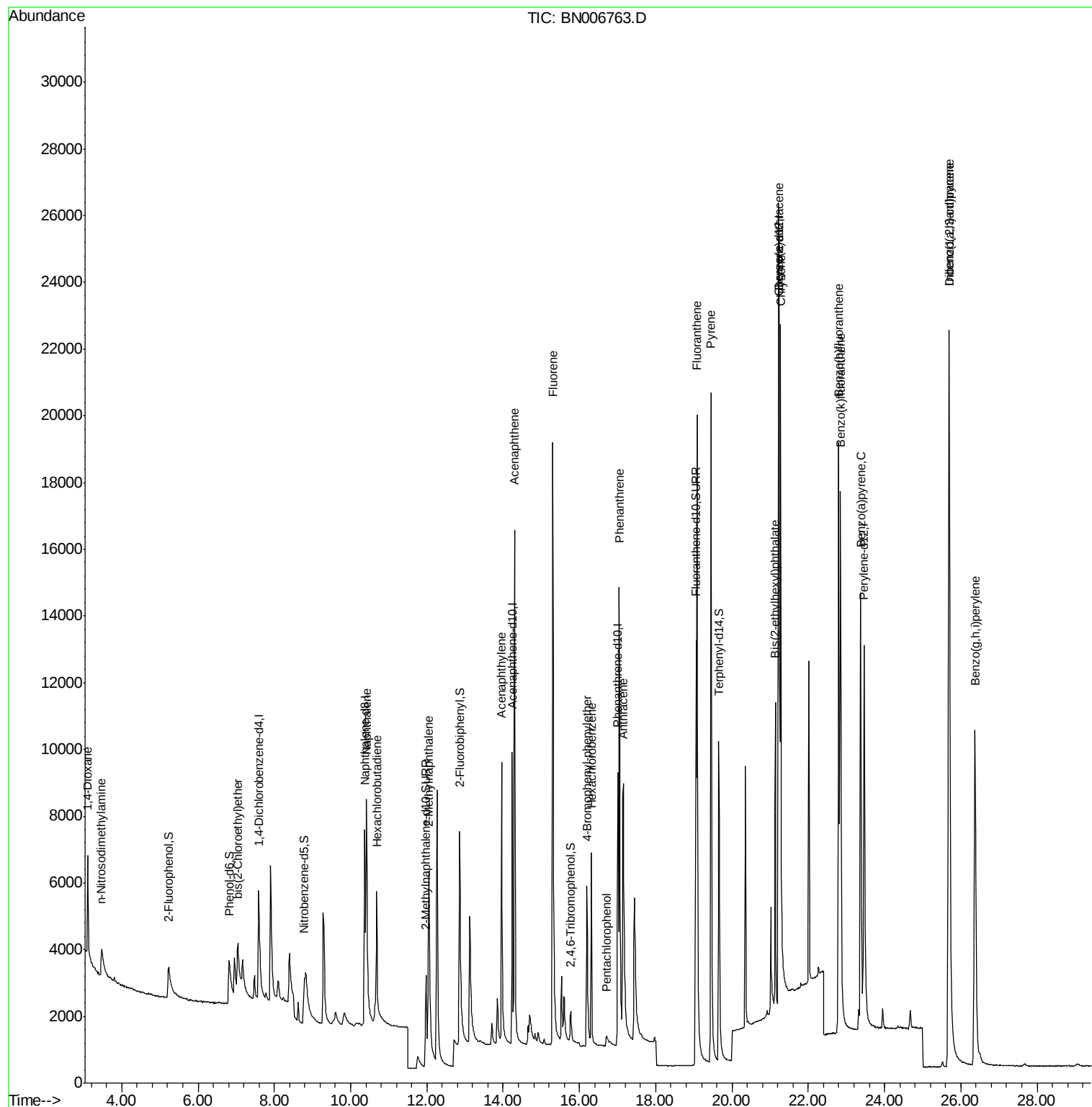
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.11	88	1863	0.414	ng	91
3) n-Nitrosodimethylamine	3.48	42	1276	0.376	ng	99
6) bis(2-Chloroethyl)ether	7.04	93	3677	0.440	ng	95
9) Naphthalene	10.42	128	12636	0.423	ng	100
10) Hexachlorobutadiene	10.68	225	2804	0.464	ng	# 100
12) 2-Methylnaphthalene	12.05	142	7922	0.358	ng	100
16) Acenaphthylene	13.96	152	12167	0.389	ng	100
17) Acenaphthene	14.30	154	8646	0.434	ng	100
18) Fluorene	15.30	166	10580	0.427	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	3495	0.405	ng	100
21) Hexachlorobenzene	16.31	284	4714	0.460	ng	100
22) Pentachlorophenol	16.72	266	540	0.367	ng	100
23) Phenanthrene	17.05	178	17317	0.411	ng	100
24) Anthracene	17.15	178	14253	0.374	ng	99
26) Fluoranthene	19.09	202	22023	0.445	ng	100
28) Pyrene	19.45	202	22615	0.378	ng	100
30) Benzo(a)anthracene	21.23	228	19063	0.370	ng	100
31) Chrysene	21.28	228	23001	0.433	ng	100
32) Bis(2-ethylhexyl)phthalate	21.14	149	8178	0.053	ng	100
33) Indeno(1,2,3-cd)pyrene	25.69	276	28915	0.455	ng	100
35) Benzo(b)fluoranthene	22.80	252	22425	0.403	ng	100
36) Benzo(k)fluoranthene	22.85	252	26324	0.436	ng	100
37) Benzo(a)pyrene	23.37	252	22709	0.421	ng	100
38) Dibenzo(a,h)anthracene	25.70	278	22997	0.429	ng	100
39) Benzo(g,h,i)perylene	26.37	276	24494	0.444	ng	100

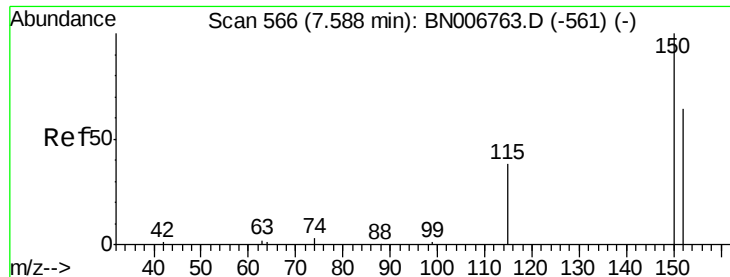
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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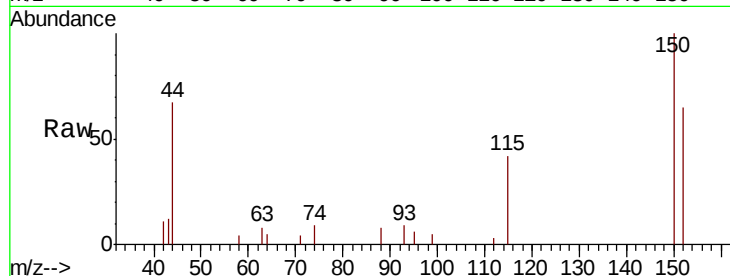


#1

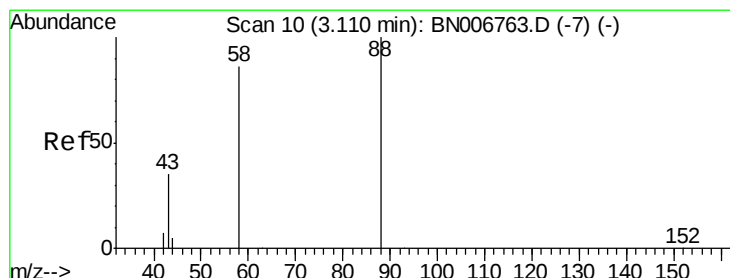
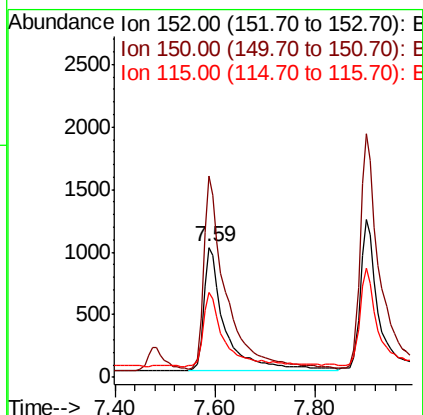
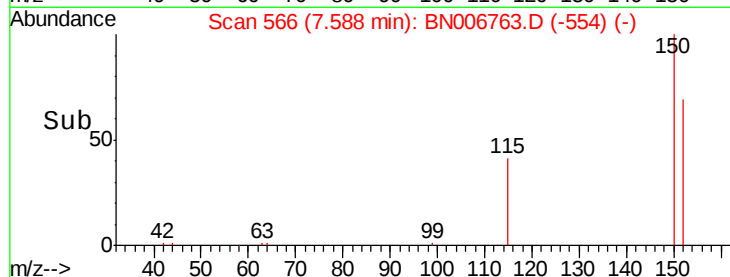
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 2879
Ion Ratio Lower Upper
152 100
150 154.5 123.6 185.4
115 65.6 52.5 78.7



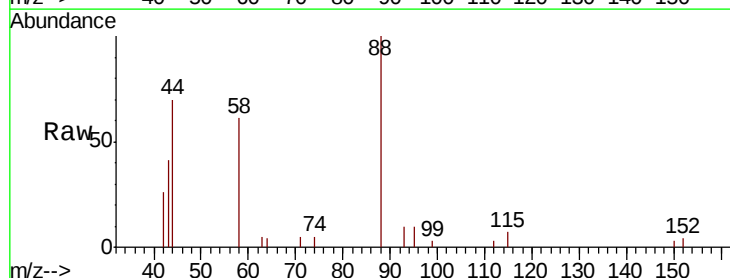
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



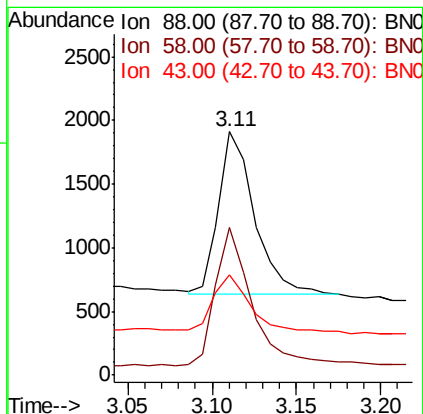
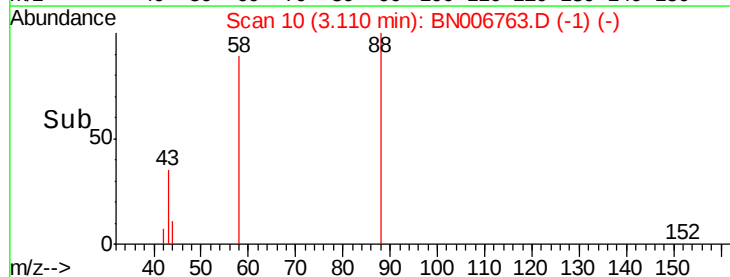
#2

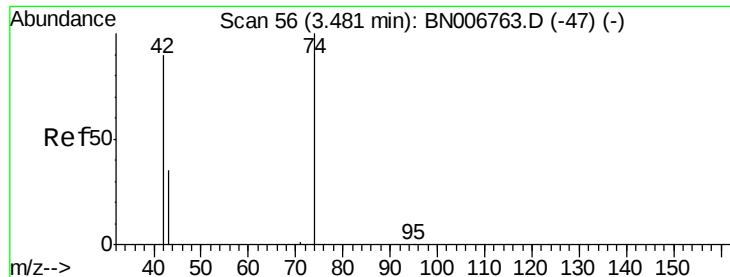
1,4-Dioxane
Concen: 0.414 ng
RT: 3.11 min Scan# 10
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion: 88 Resp: 1863
Ion Ratio Lower Upper
88 100
58 87.9 61.8 92.6
43 34.7 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: 0.376 ng

RT: 3.48 min Scan# 56

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

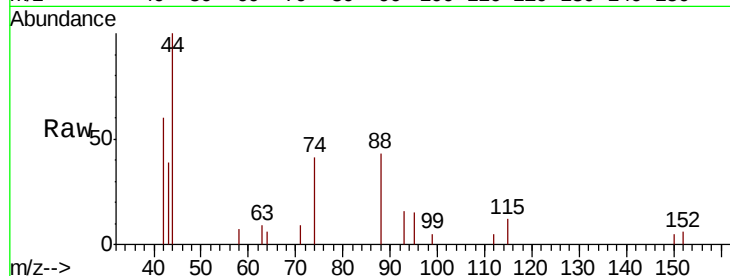
Tot Ion: 42 Resp: 1276

Ion Ratio Lower Upper

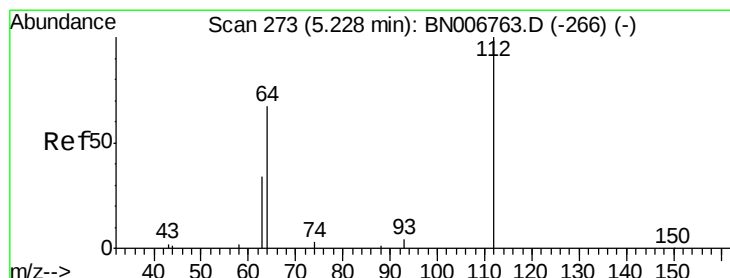
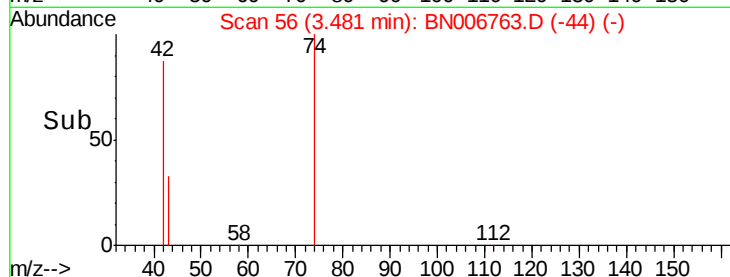
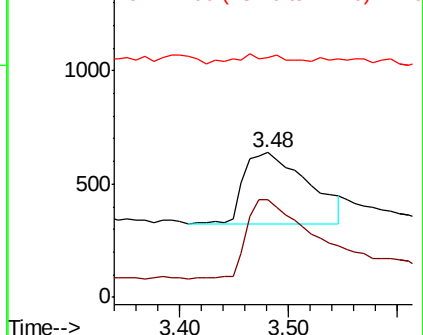
42 100

74 107.2 86.2 129.4

44 9.2 7.0 10.6



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



#4

2-Fluorophenol

Concen: 0.321 ng

RT: 5.23 min Scan# 273

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

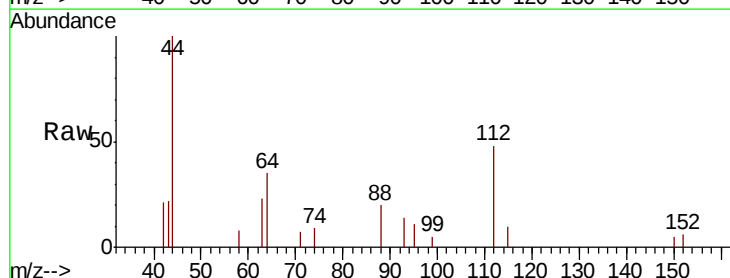
Tgt Ion: 112 Resp: 2509

Ion Ratio Lower Upper

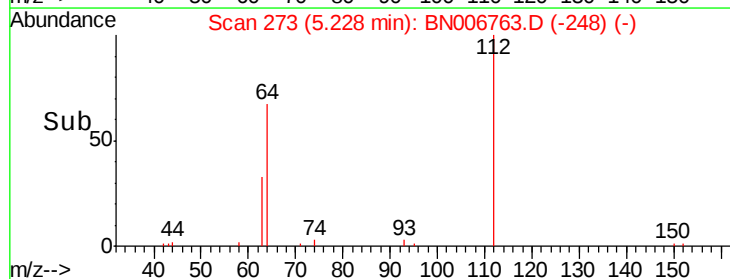
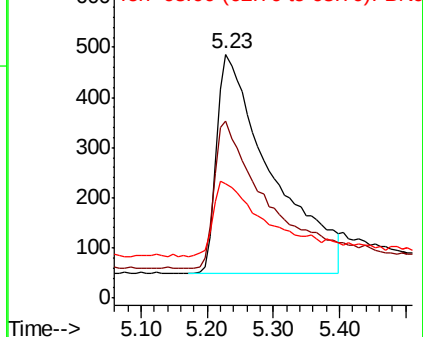
112 100

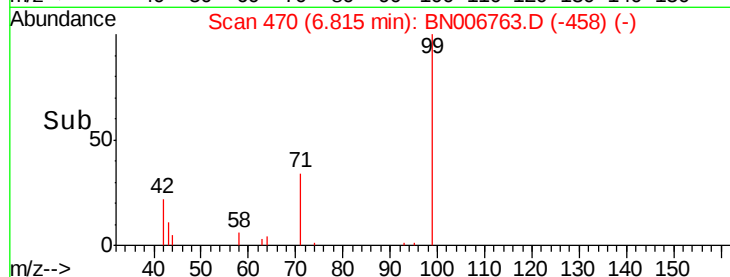
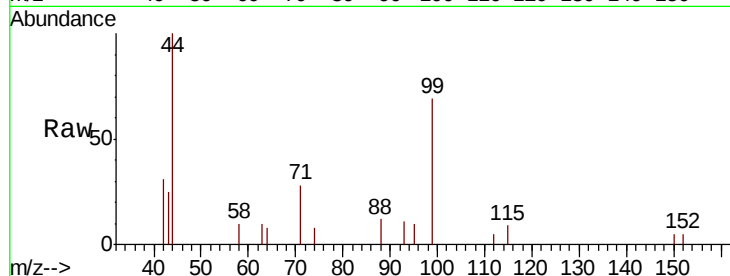
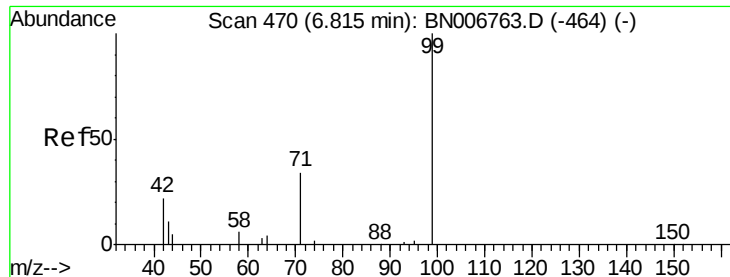
64 66.0 52.7 79.1

63 33.5 27.7 41.5



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





#5

Phenol-d6

Concen: 0.336 ng

RT: 6.81 min Scan# 470

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

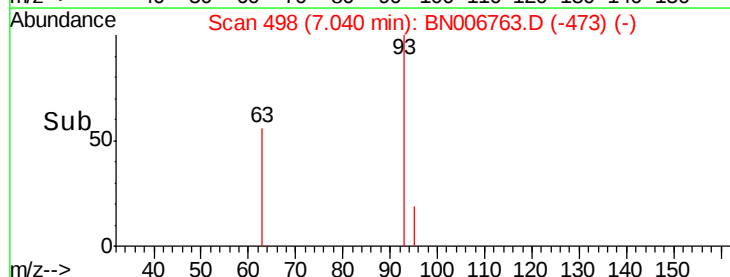
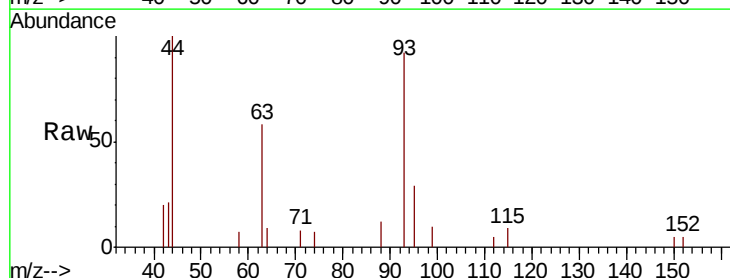
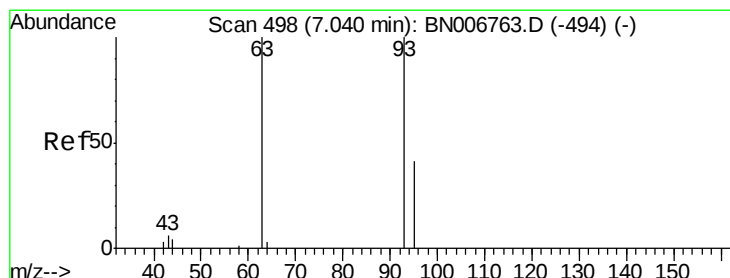
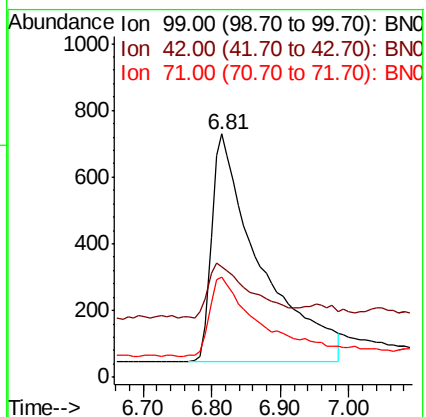
Tot Ion: 99 Resp: 3330

Ion Ratio Lower Upper

99 100

42 20.7 17.0 25.6

71 36.4 29.1 43.7



#6

bis(2-Chloroethyl)ether

Concen: 0.440 ng

RT: 7.04 min Scan# 498

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

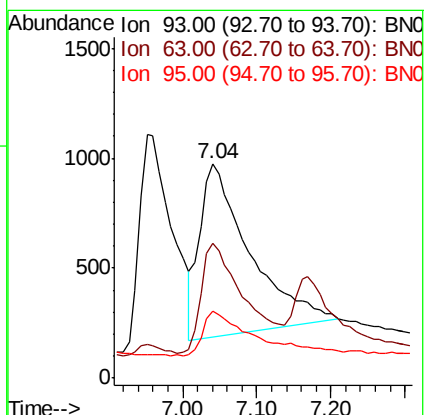
Tgt Ion: 93 Resp: 3677

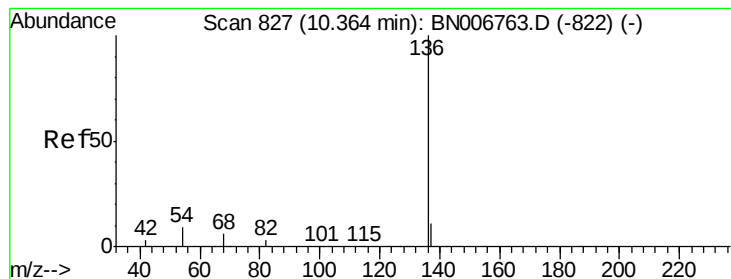
Ion Ratio Lower Upper

93 100

63 56.6 48.6 73.0

95 27.3 22.9 34.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 10916

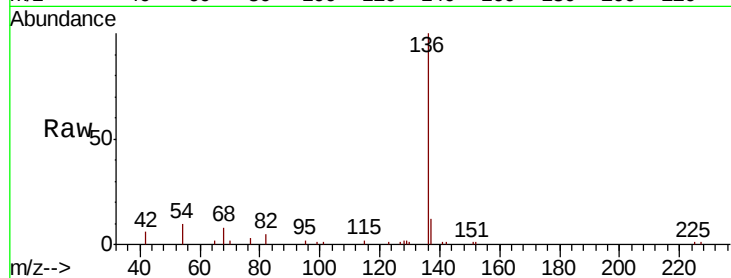
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 10.5 8.4 12.6

68 8.0 6.4 9.6

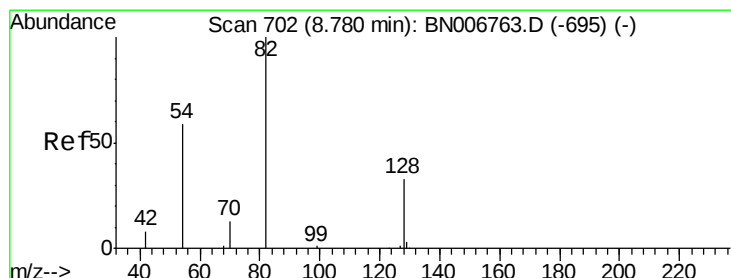
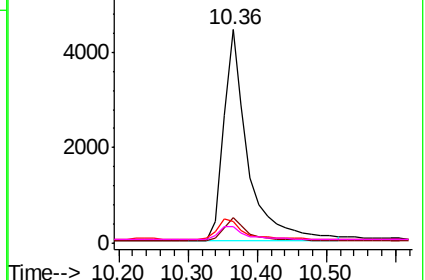
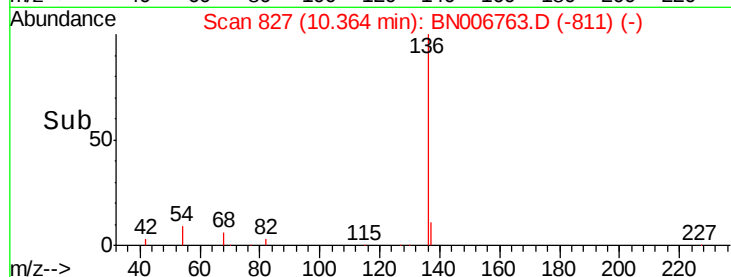


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.78 min Scan# 702

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

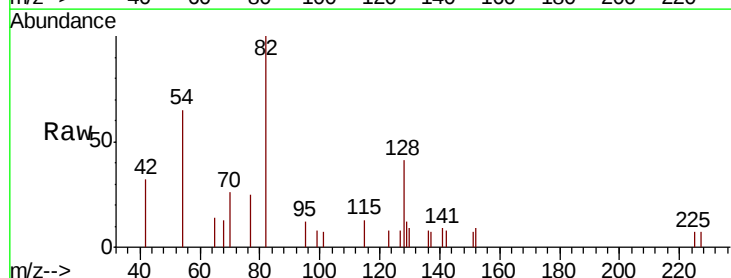
Tgt Ion: 82 Resp: 2913

Ion Ratio Lower Upper

82 100

128 41.3 33.0 49.6

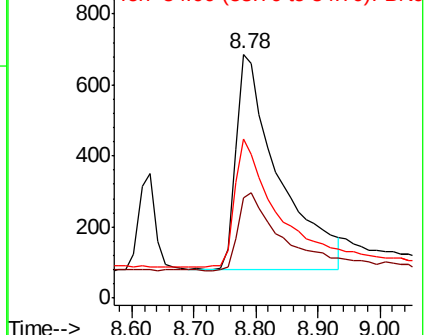
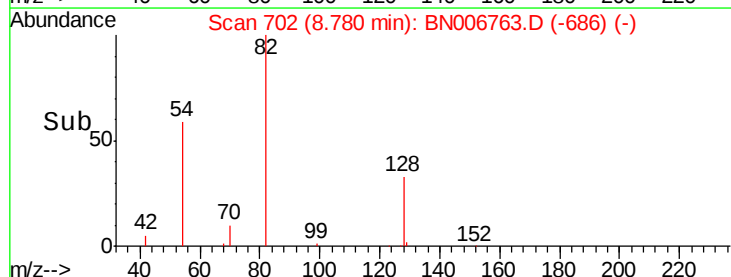
54 65.2 52.2 78.2

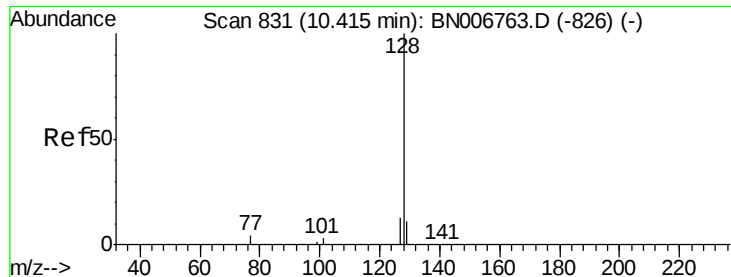


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.423 ng

RT: 10.42 min Scan# 831

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

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ClientSampleId :

SSTDICCC0.4

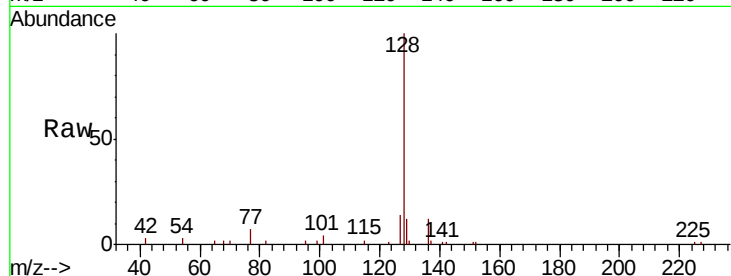
Tot Ion:128 Resp: 12636

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

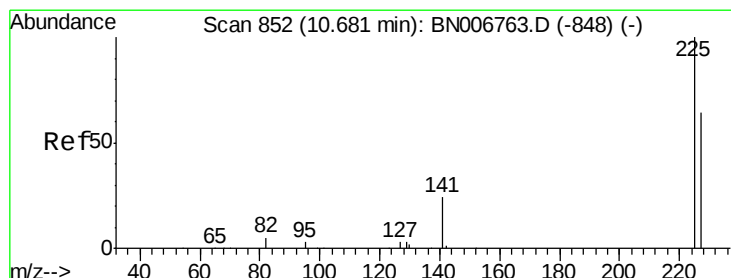
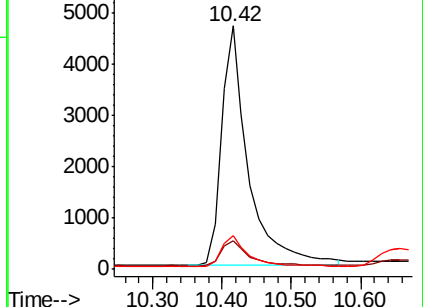
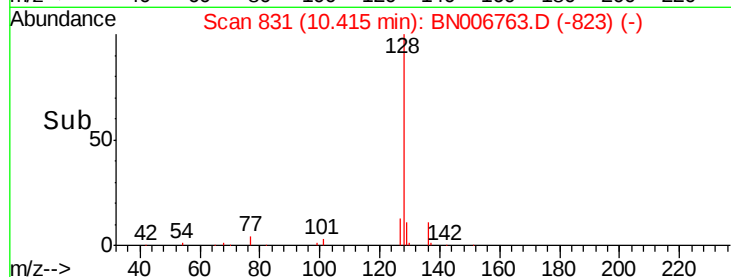
127 13.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.464 ng

RT: 10.68 min Scan# 852

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

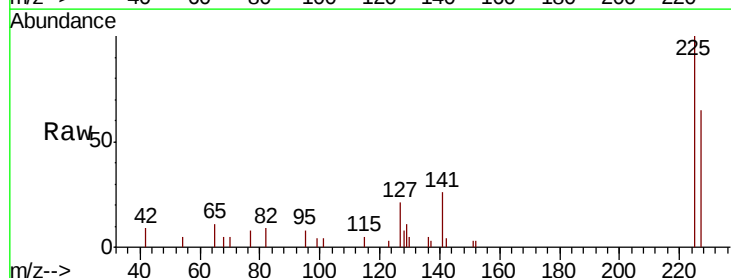
Tgt Ion:225 Resp: 2804

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

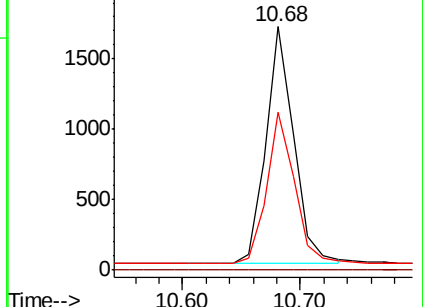
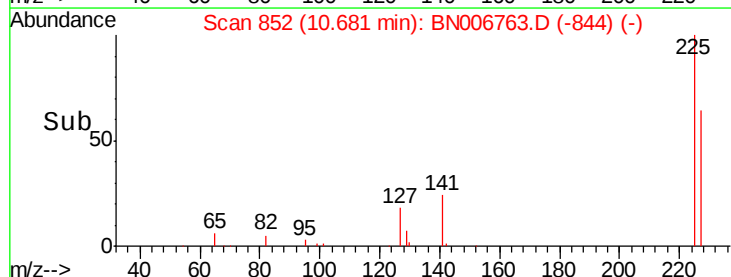
227 63.6 50.8 76.2

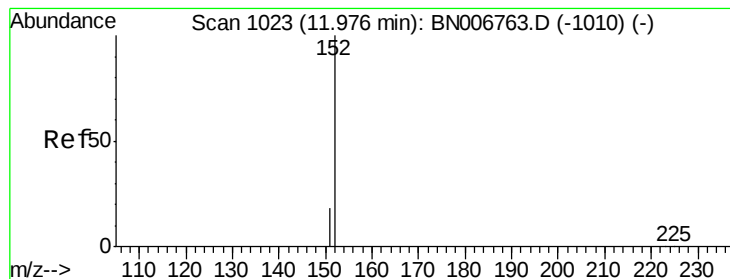


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.423 ng

RT: 11.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

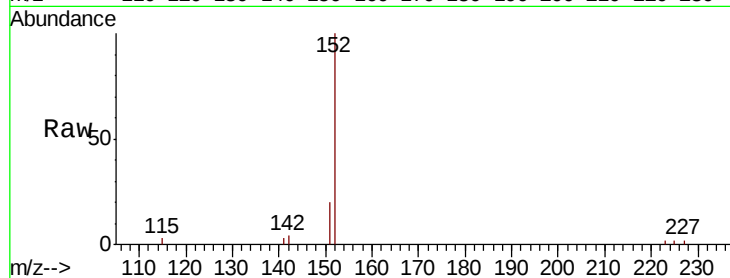
SSTDICCC0.4

Tot Ion:152 Resp: 6938

Ion Ratio Lower Upper

152 100

151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

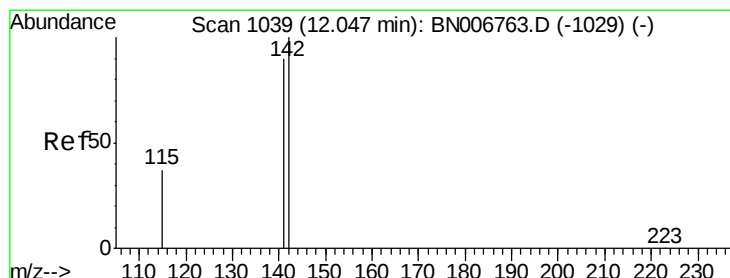
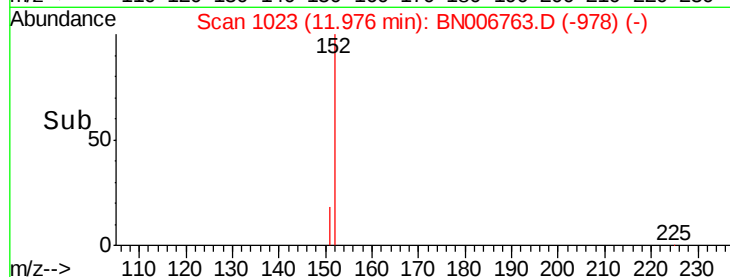
1500

1000

500

0

Time--> 11.80 12.00 12.20



#12

2-Methylnaphthalene

Concen: 0.358 ng

RT: 12.05 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

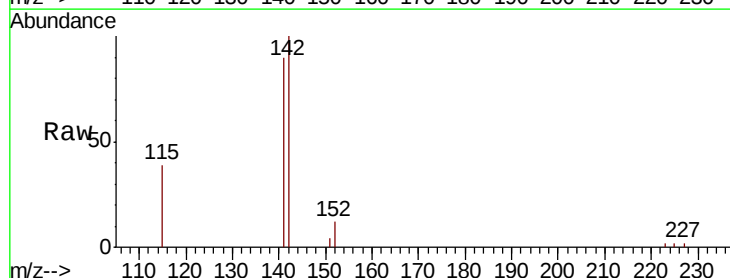
Tgt Ion:142 Resp: 7922

Ion Ratio Lower Upper

142 100

141 89.6 71.7 107.5

115 39.0 31.2 46.8



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

5000

4000

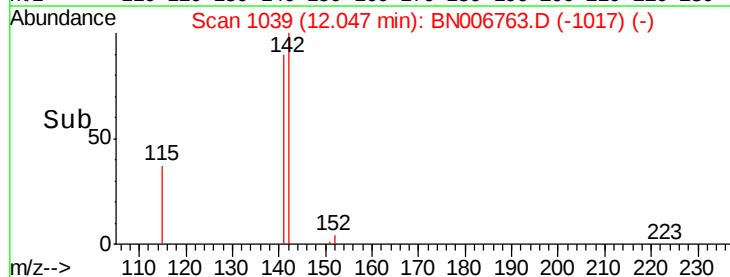
3000

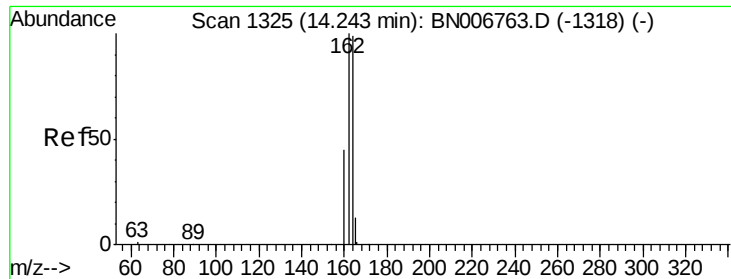
2000

1000

0

Time--> 11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

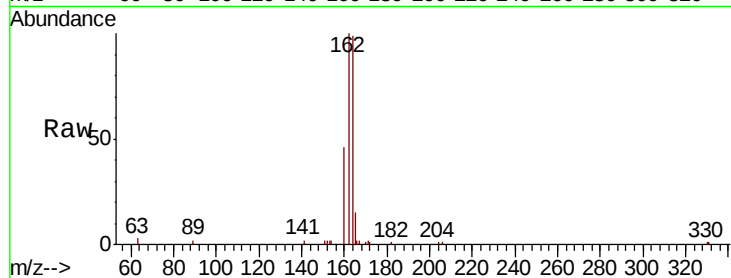
Tot Ion:164 Resp: 6275

Ion Ratio Lower Upper

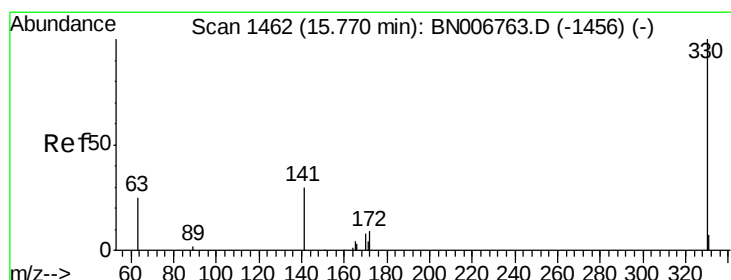
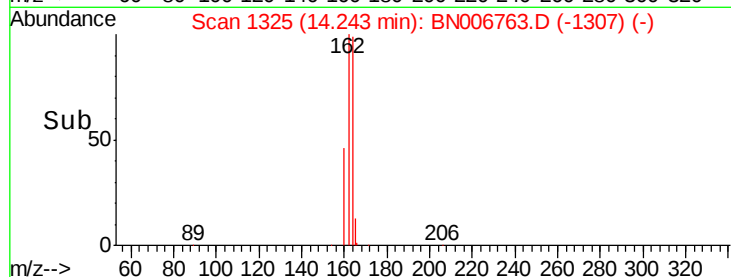
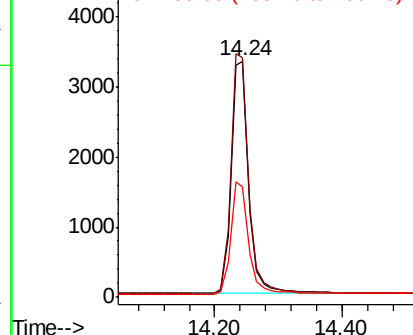
164 100

162 101.2 81.0 121.4

160 46.7 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: 0.370 ng

RT: 15.77 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

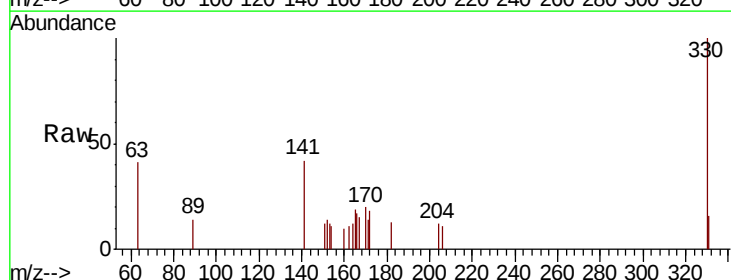
Tgt Ion:330 Resp: 1140

Ion Ratio Lower Upper

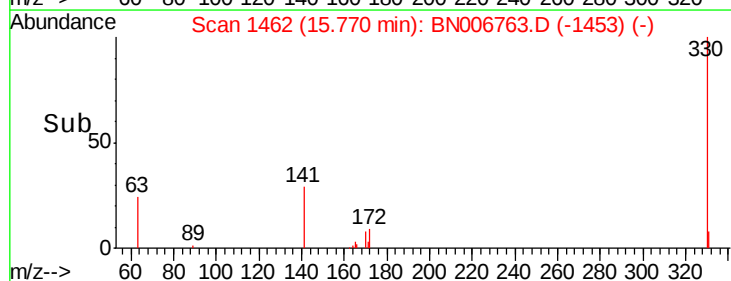
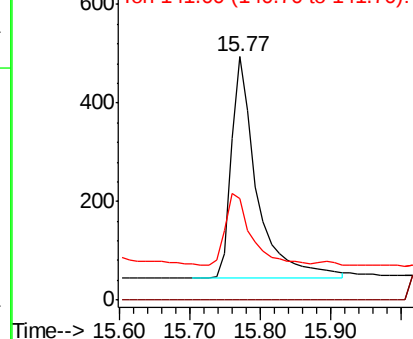
330 100

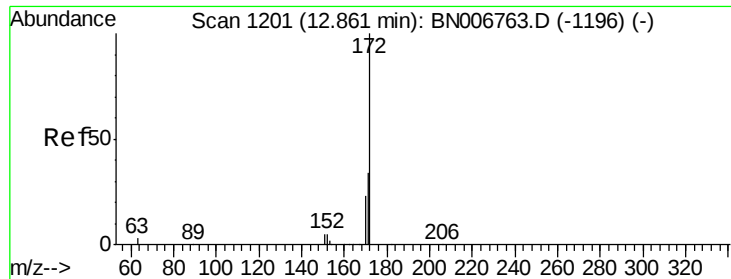
332 0.0 0.0 0.0

141 33.2 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

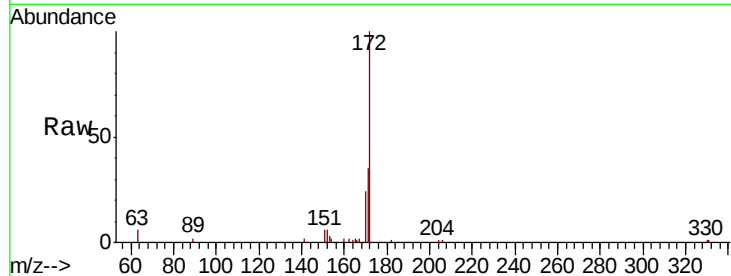




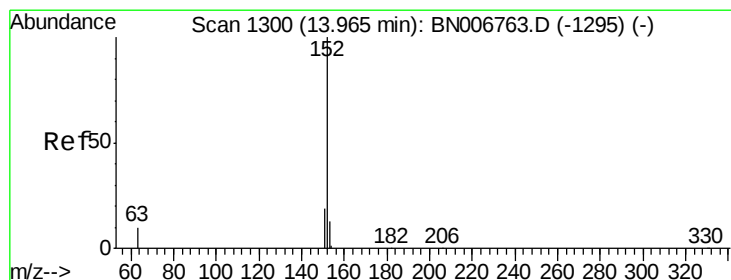
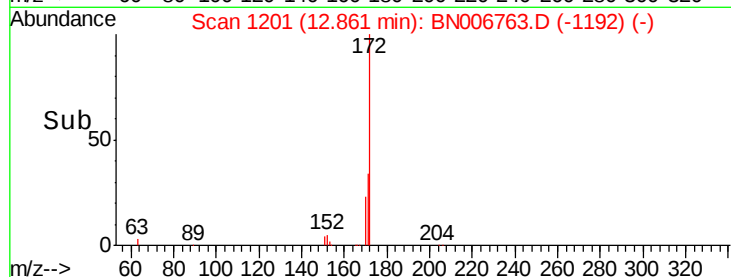
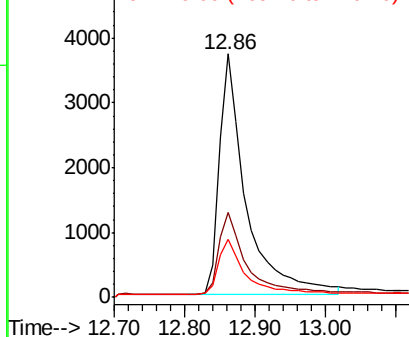
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.86 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 9866
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.8 19.0 28.6

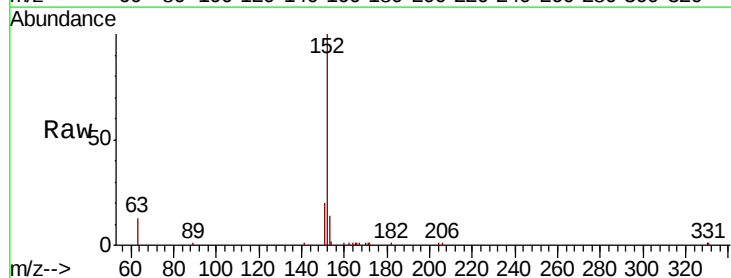


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

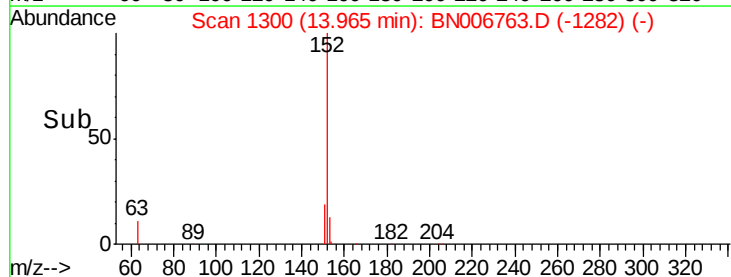
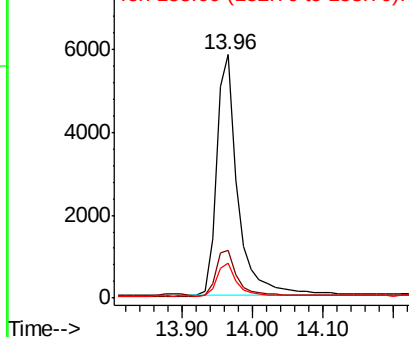


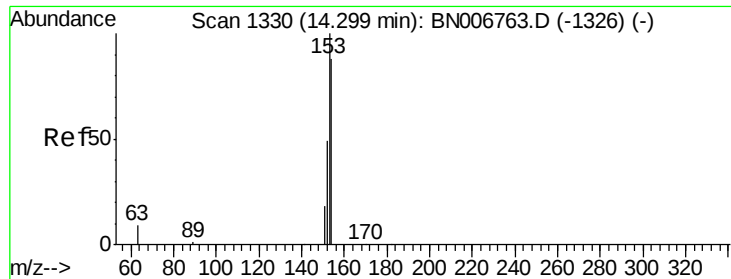
#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.96 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:152 Resp: 12167
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.5 15.7



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: 0.434 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

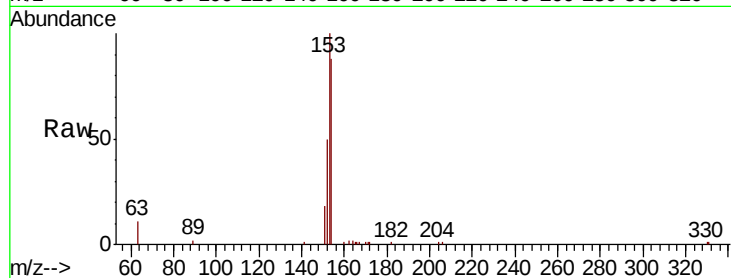
Tot Ion:154 Resp: 8646

Ion Ratio Lower Upper

154 100

153 113.7 90.8 136.2

152 55.6 44.9 67.3

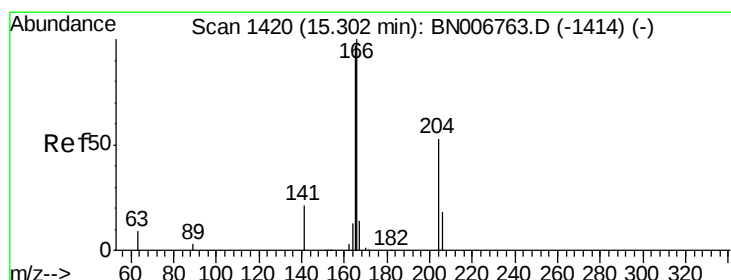
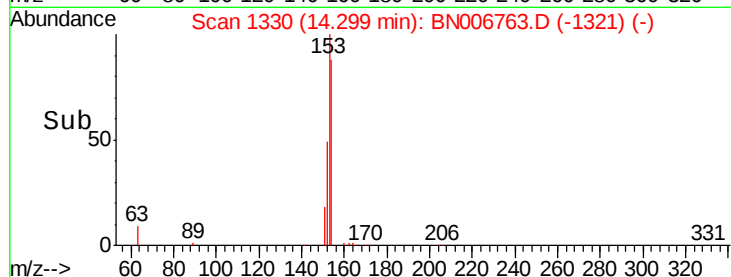
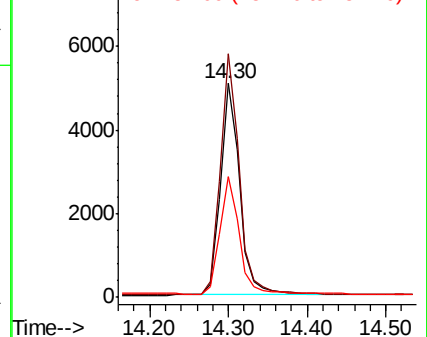


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.427 ng

RT: 15.30 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

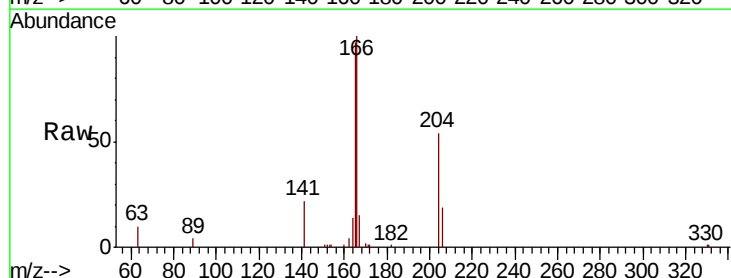
Tgt Ion:166 Resp: 10580

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

167 13.6 10.9 16.3

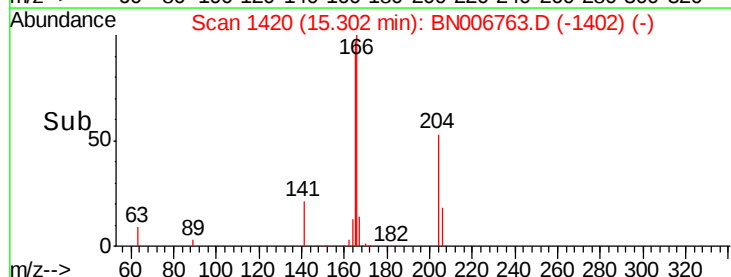
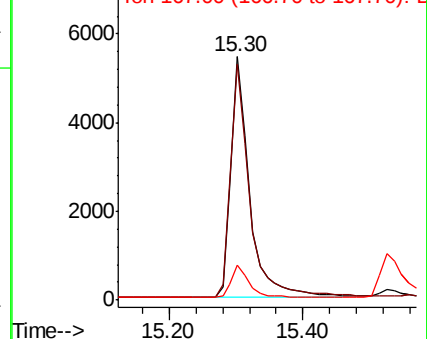


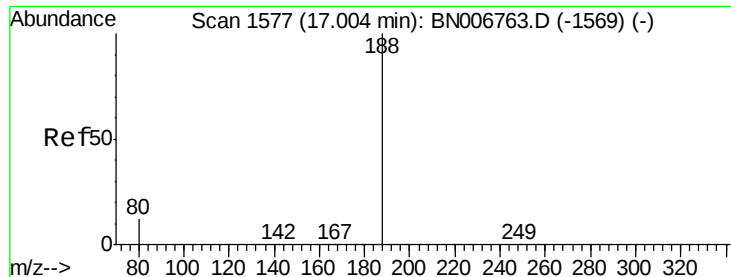
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

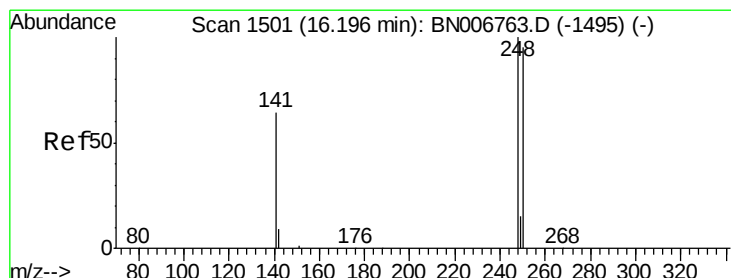
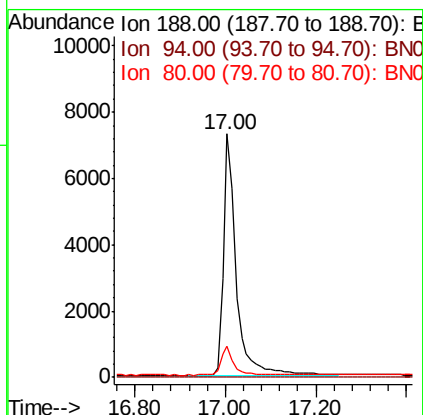
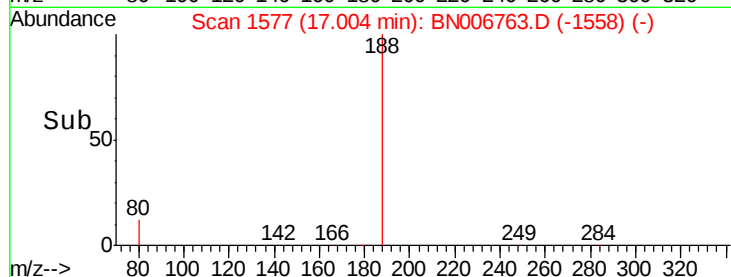
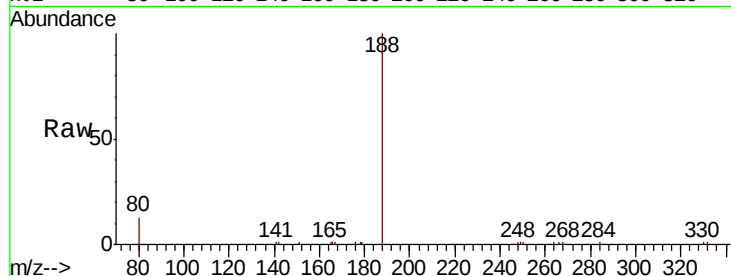
Tot Ion:188 Resp: 14628

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 10.1 15.1



#20

4-Bromophenyl-phenylether

Concen: 0.405 ng

RT: 16.20 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

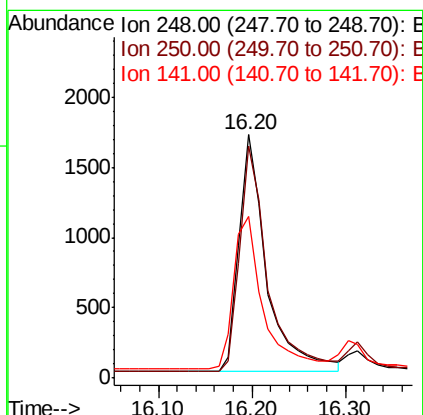
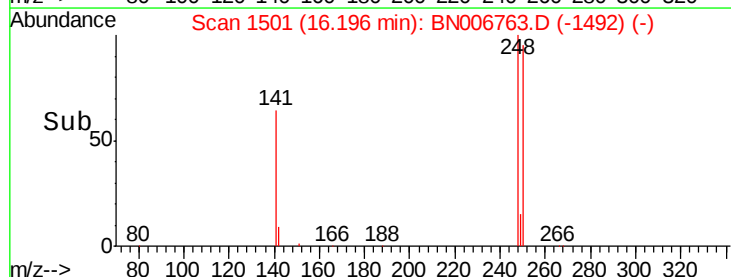
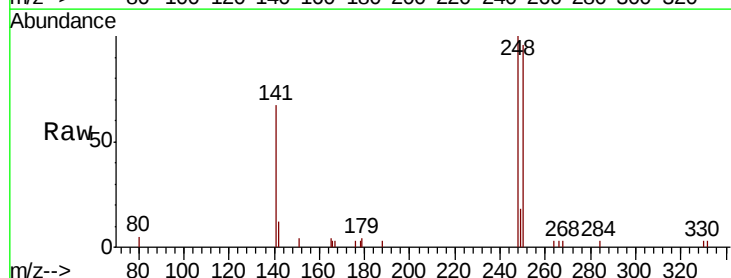
Tgt Ion:248 Resp: 3495

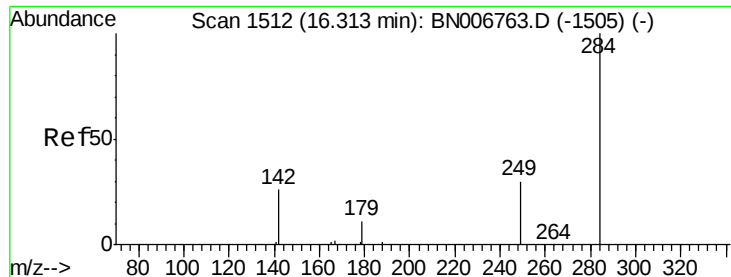
Ion Ratio Lower Upper

248 100

250 95.6 76.5 114.7

141 66.5 53.2 79.8





#21

Hexachlorobenzene

Concen: 0.460 ng

RT: 16.31 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

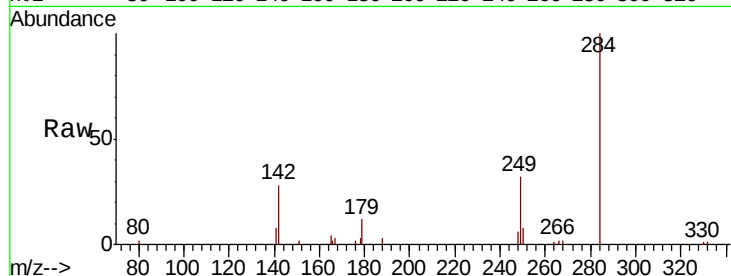
Tot Ion:284 Resp: 4714

Ion Ratio Lower Upper

284 100

142 33.7 27.0 40.4

249 30.4 24.3 36.5

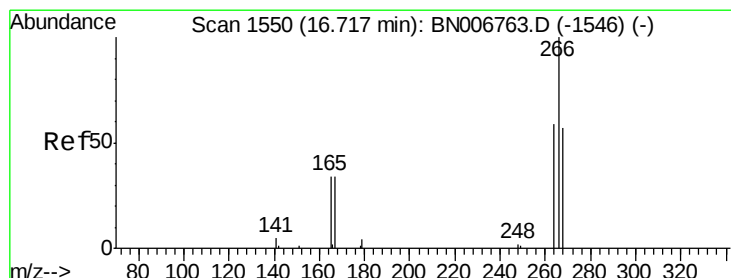
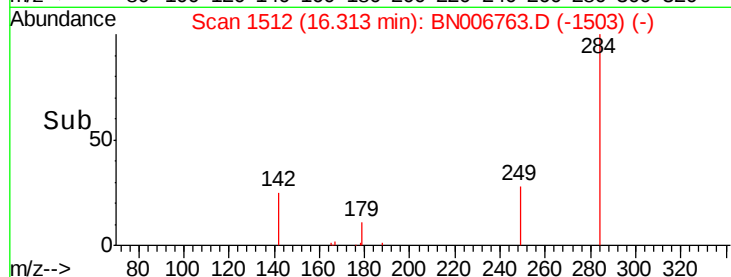
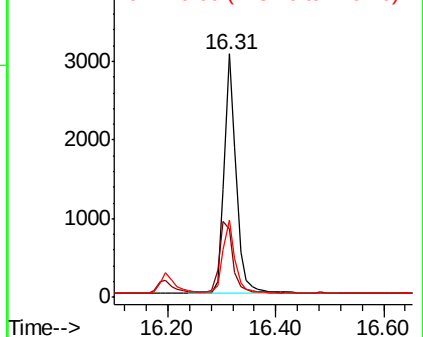


Abundance

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: 0.367 ng

RT: 16.72 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

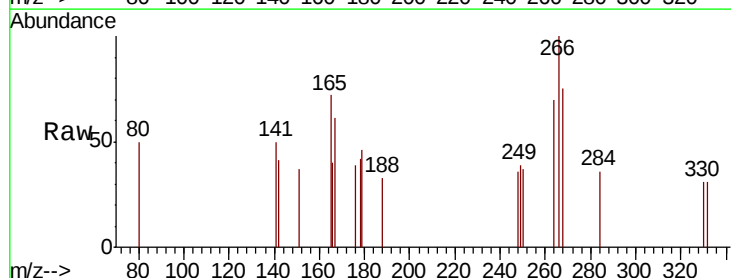
Tgt Ion:266 Resp: 540

Ion Ratio Lower Upper

266 100

264 70.3 56.2 84.4

268 75.2 60.2 90.2

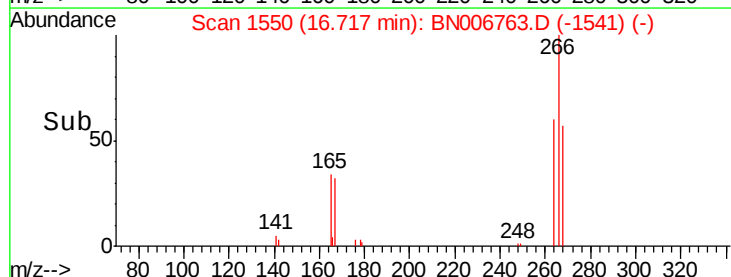
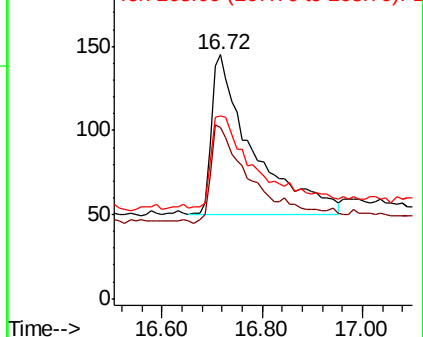


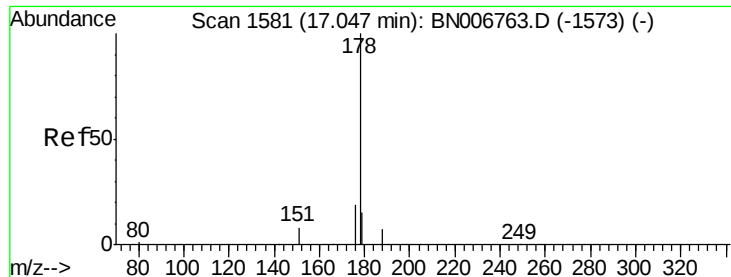
Abundance

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: 0.411 ng

RT: 17.05 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

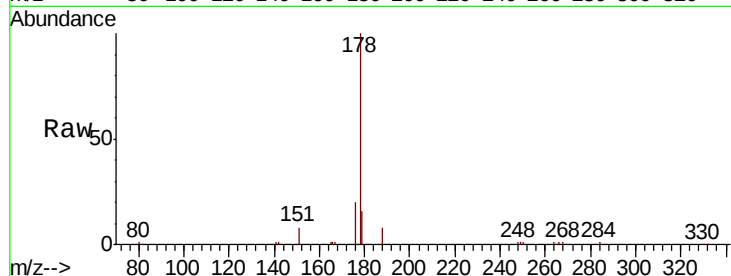
Tot Ion:178 Resp: 17317

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

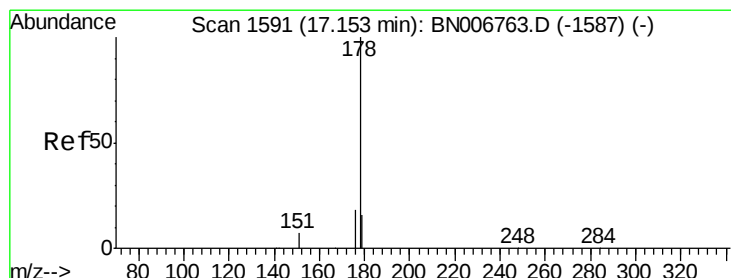
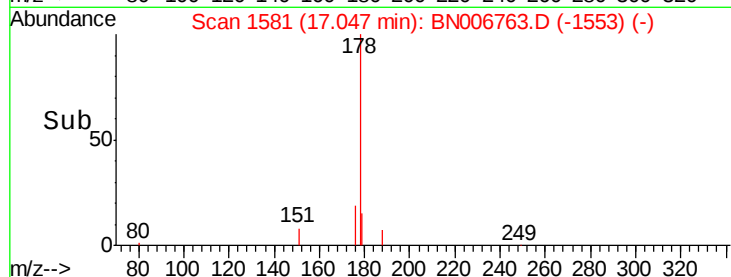
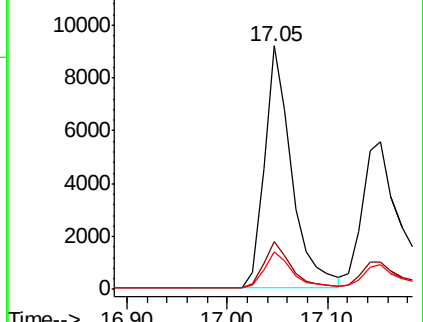
179 15.2 12.2 18.2



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: 0.374 ng

RT: 17.15 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

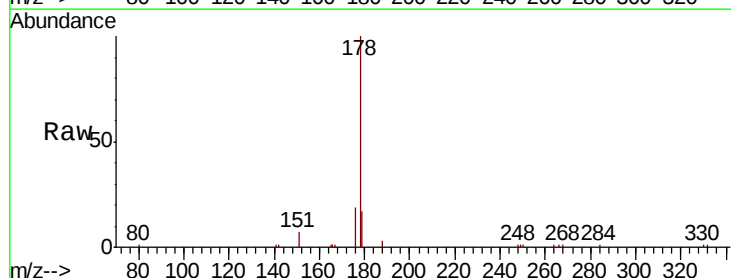
Tgt Ion:178 Resp: 14253

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

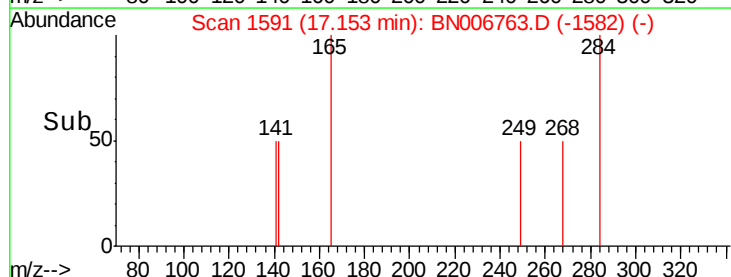
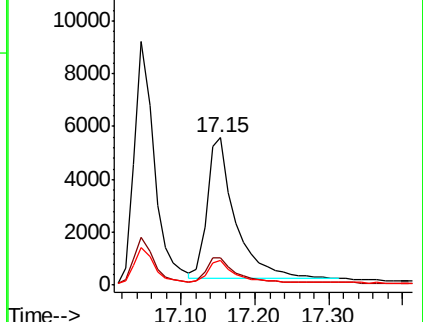
179 15.6 12.1 18.1

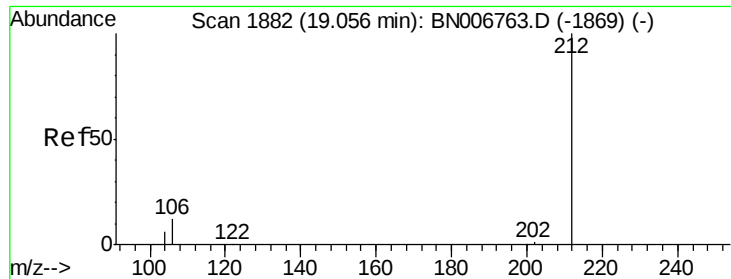


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.451 ng

RT: 19.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

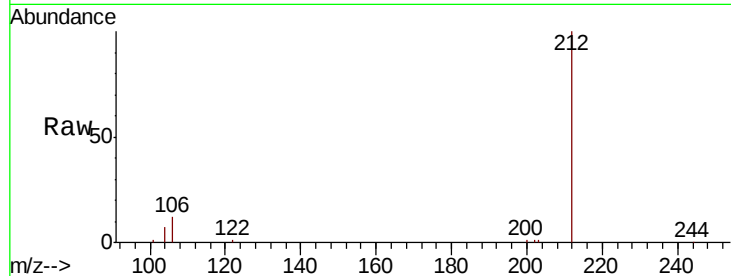
Tot Ion:212 Resp: 18890

Ion Ratio Lower Upper

212 100

106 13.1 10.5 15.7

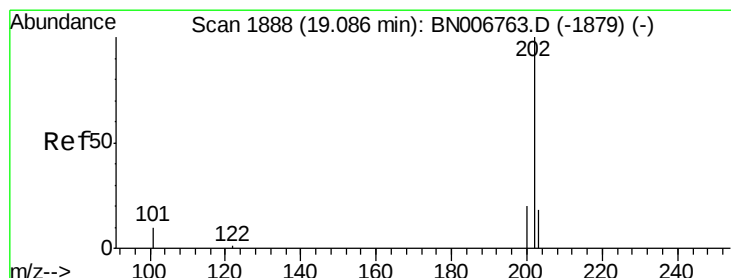
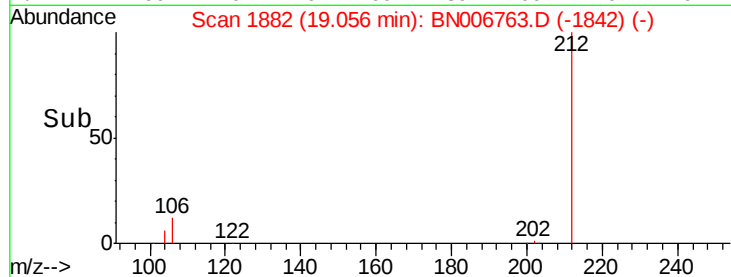
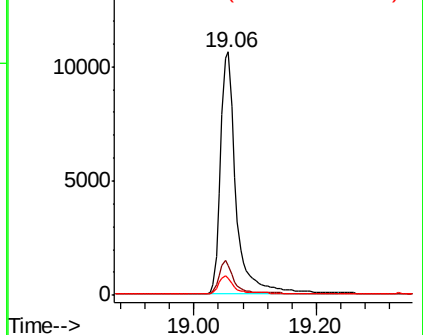
104 7.4 5.9 8.9



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: 0.445 ng

RT: 19.09 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

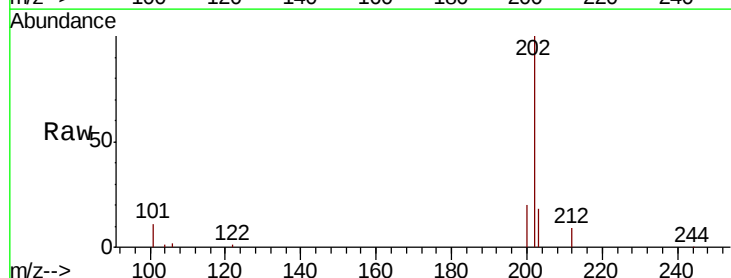
Tgt Ion:202 Resp: 22023

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

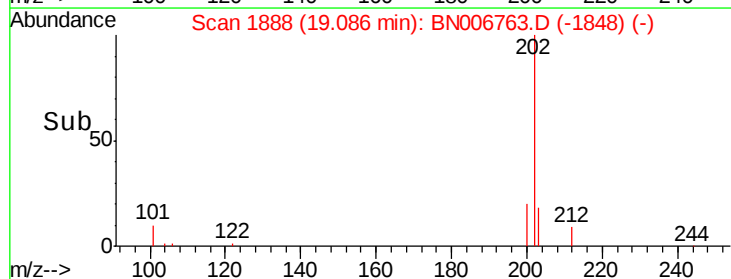
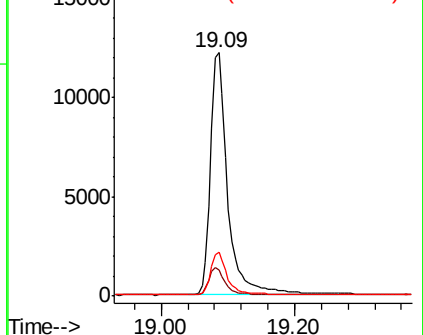
203 17.0 13.6 20.4

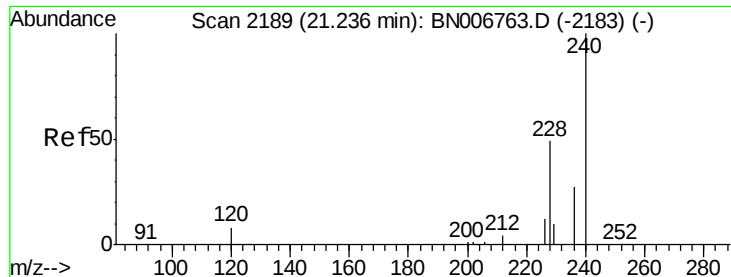


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

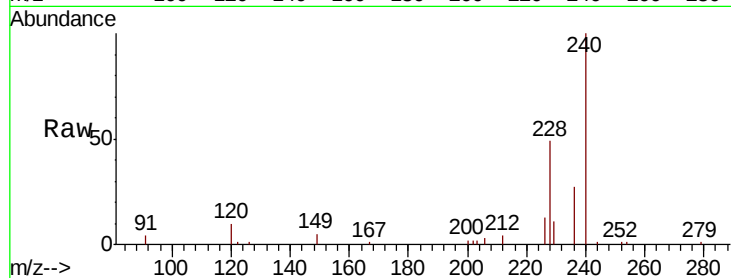




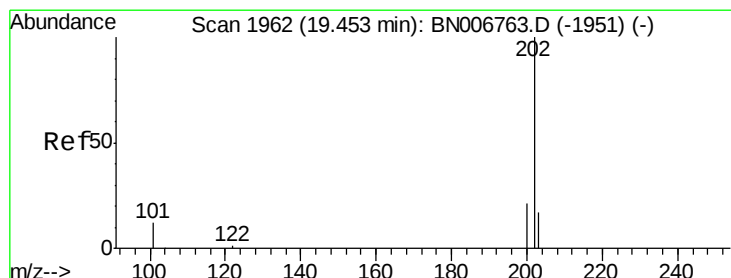
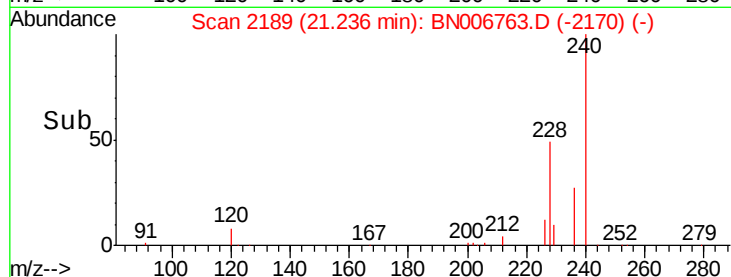
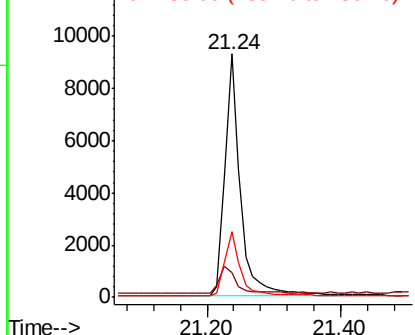
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:240 Resp: 14941
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 27.2 21.8 32.6

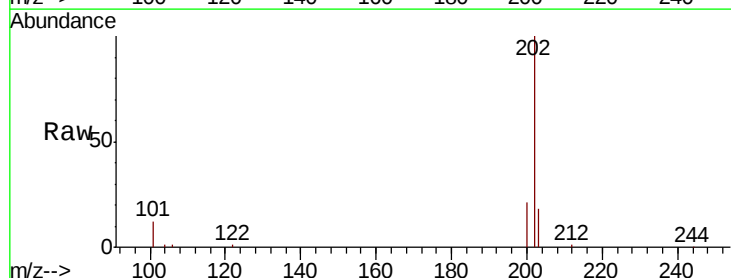


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

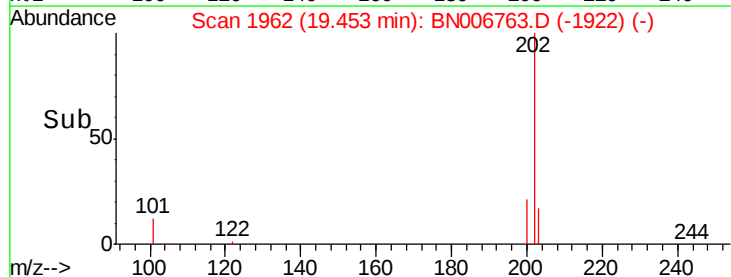
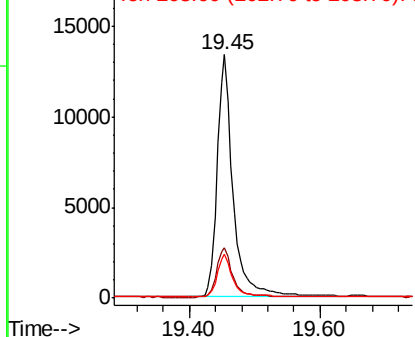


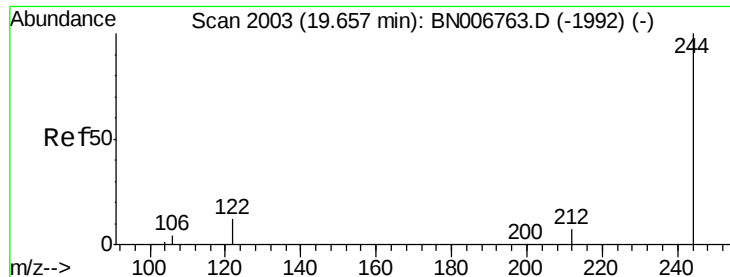
#28
Pyrene
Concen: 0.378 ng
RT: 19.45 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BN006763.D
Acq: 09 Jul 2019 09:49

Tgt Ion:202 Resp: 22615
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.5 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: 0.412 ng

RT: 19.66 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

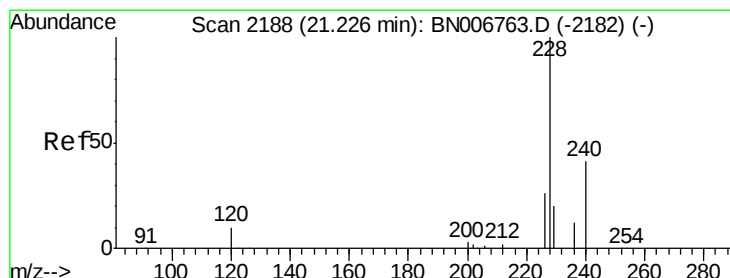
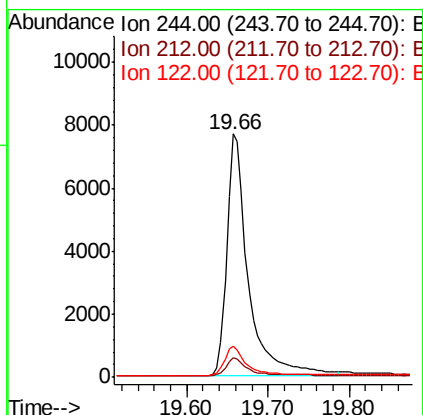
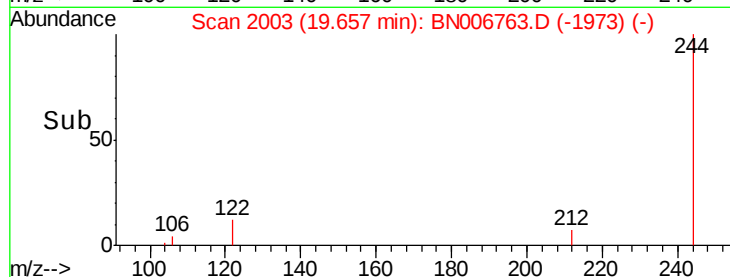
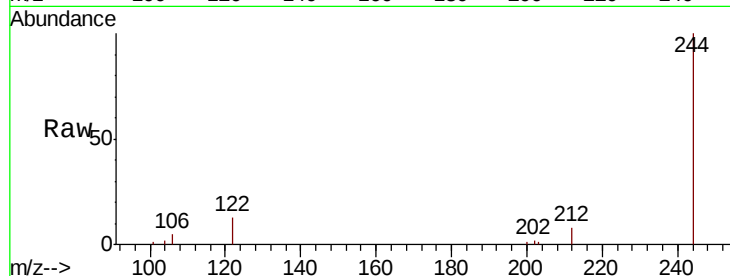
Tot Ion:244 Resp: 14161

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 12.9 10.3 15.5



#30

Benzo(a)anthracene

Concen: 0.370 ng

RT: 21.23 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

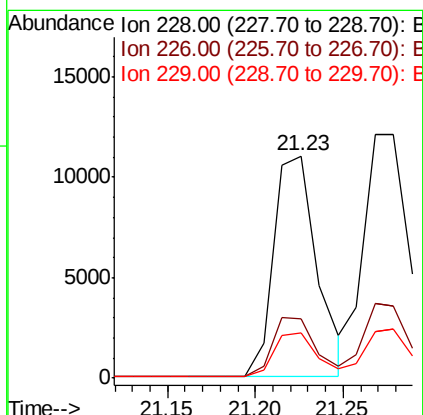
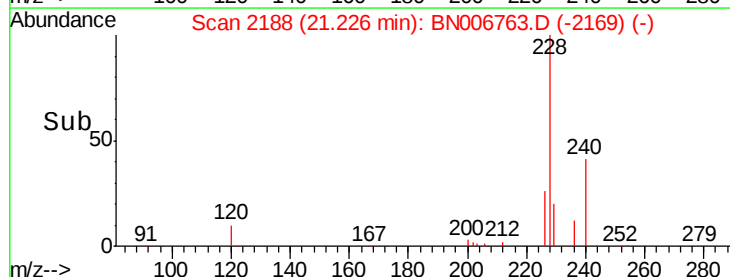
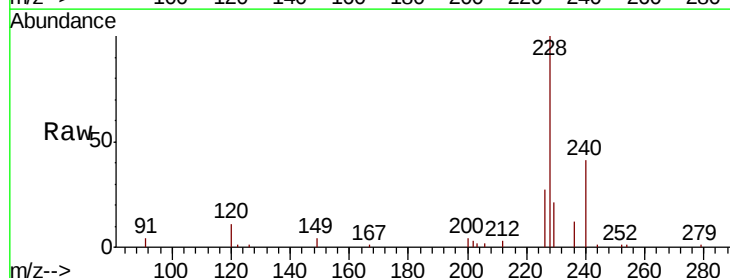
Tgt Ion:228 Resp: 19063

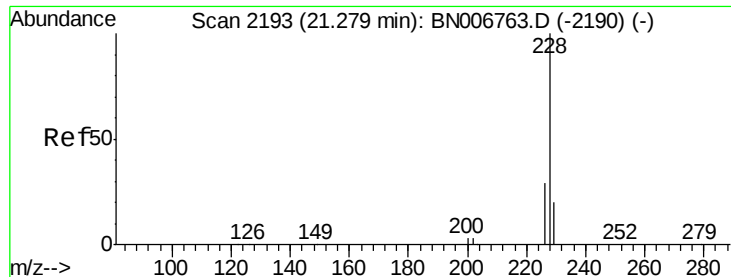
Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

229 20.5 16.4 24.6





#31

Chrysene

Concen: 0.433 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

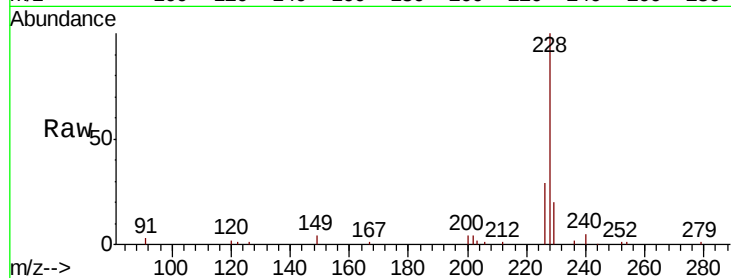
Tot Ion:228 Resp: 23001

Ion Ratio Lower Upper

228 100

226 29.4 23.5 35.3

229 20.0 16.0 24.0

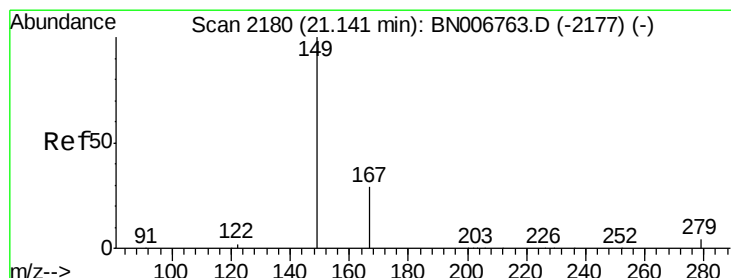
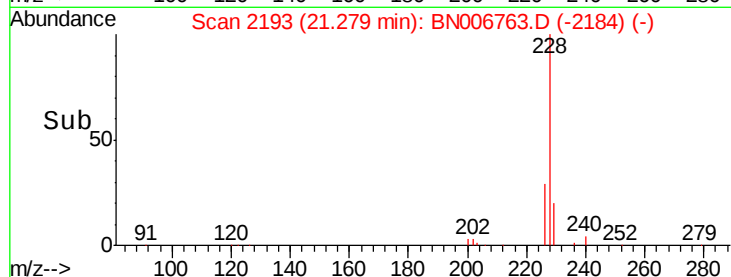
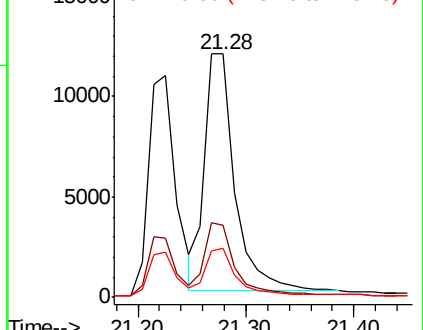


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.053 ng

RT: 21.14 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

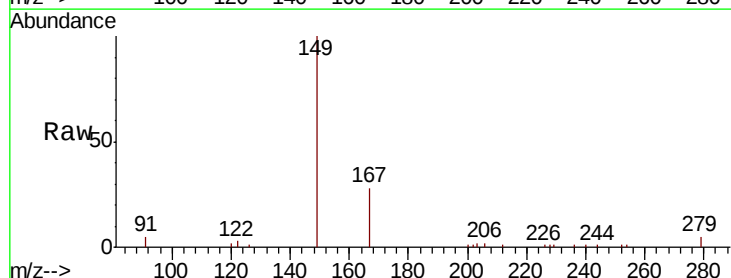
Tgt Ion:149 Resp: 8178

Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 4.6 3.7 5.5

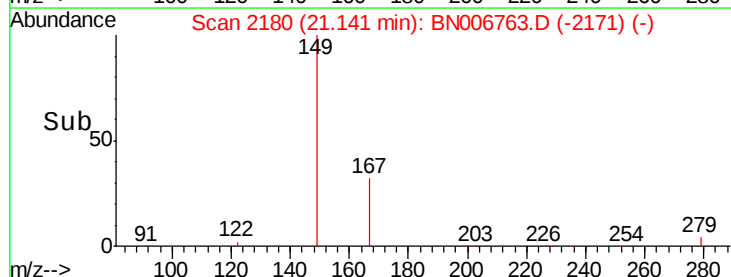
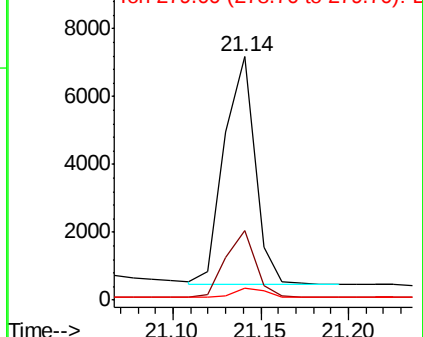


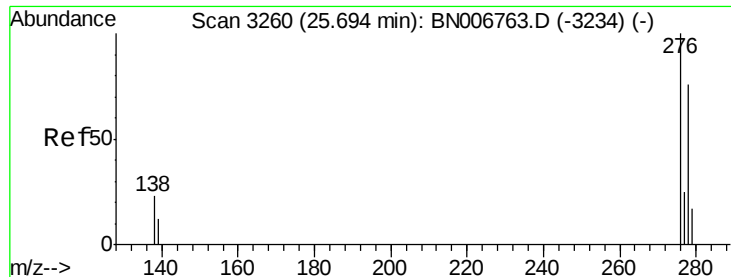
Abundance

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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.455 ng

RT: 25.69 min Scan# 3260

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

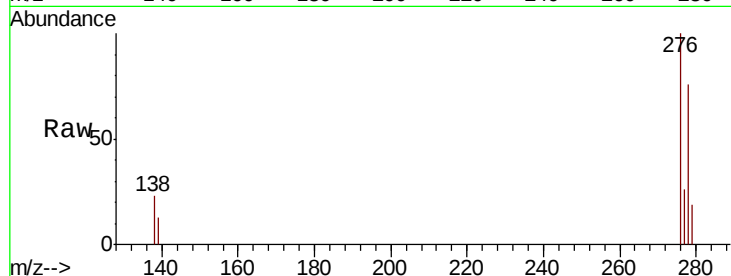
Tot Ion:276 Resp: 28915

Ion Ratio Lower Upper

276 100

138 22.6 17.9 26.9

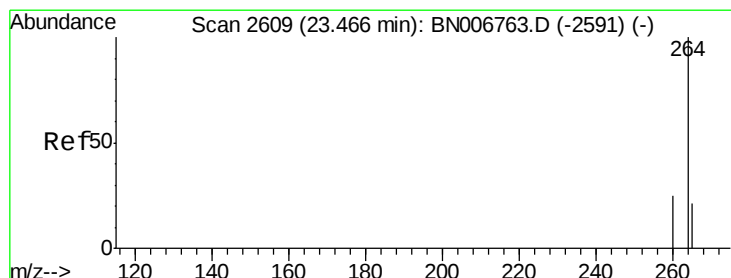
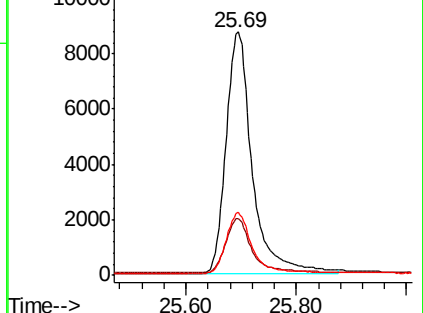
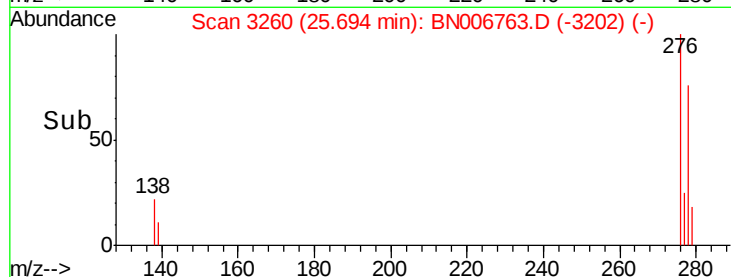
277 25.0 19.8 29.8



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: 23.47 min Scan# 2609

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

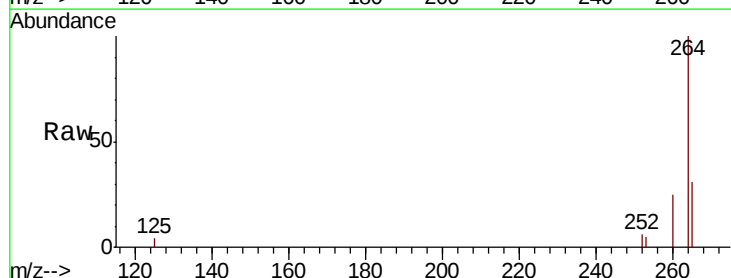
Tgt Ion:264 Resp: 17337

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.4

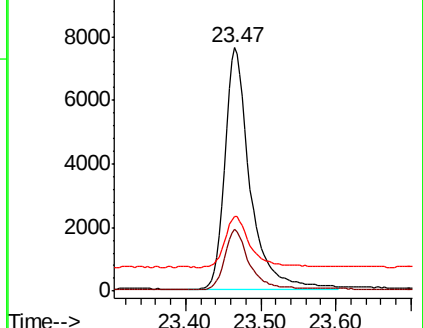
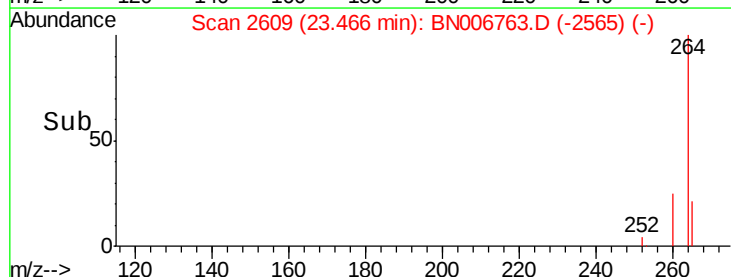
265 30.8 24.6 37.0

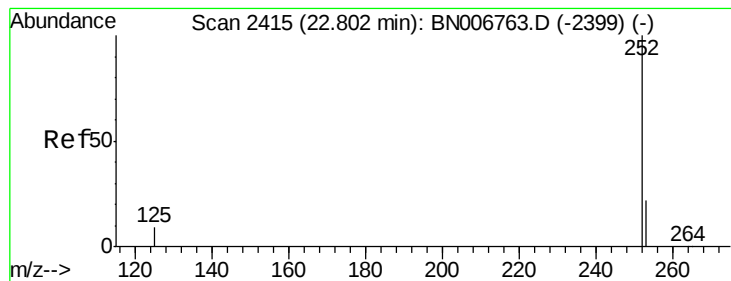


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.403 ng

RT: 22.80 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

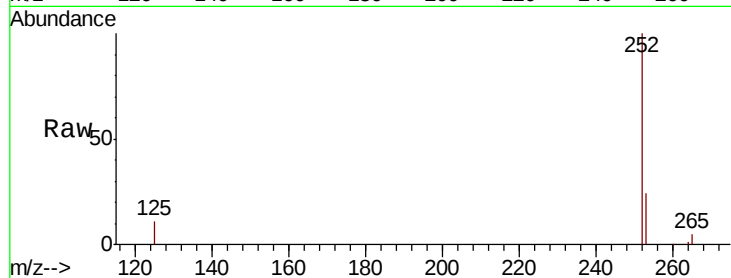
Tot Ion:252 Resp: 22425

Ion Ratio Lower Upper

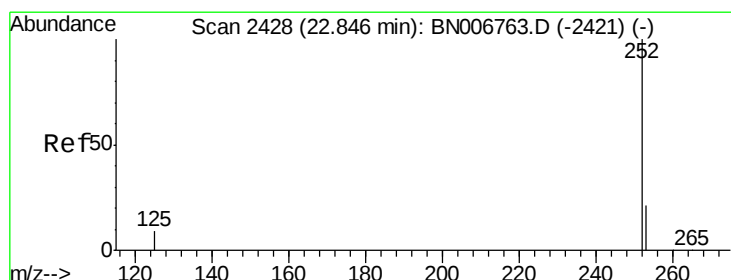
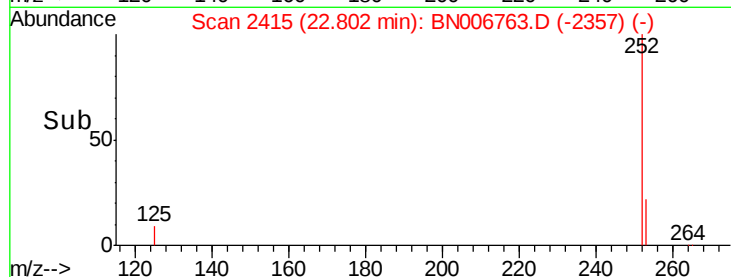
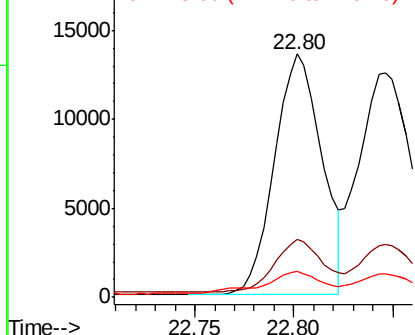
252 100

253 23.6 18.9 28.3

125 10.6 8.5 12.7



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



#36

Benzo(k)fluoranthene

Concen: 0.436 ng

RT: 22.85 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

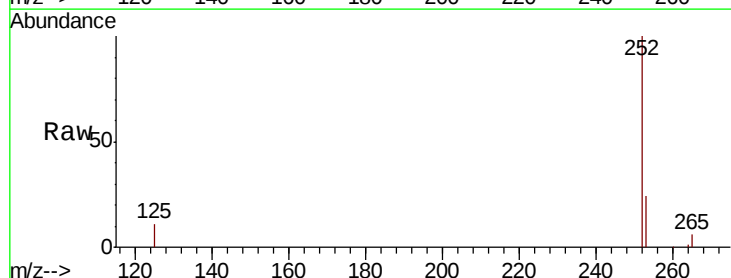
Tgt Ion:252 Resp: 26324

Ion Ratio Lower Upper

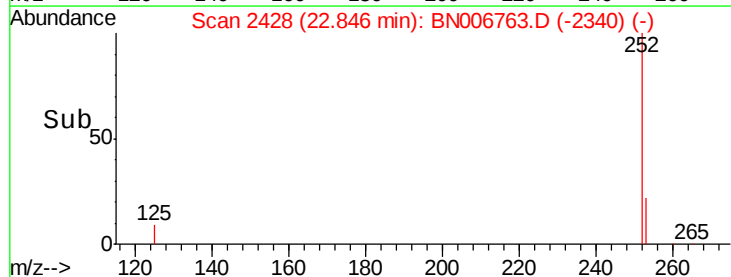
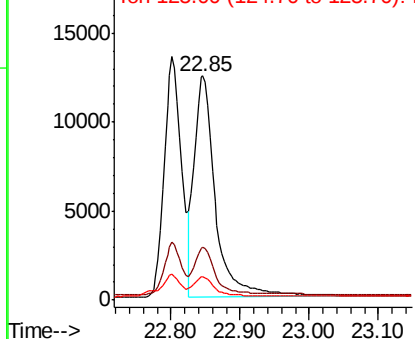
252 100

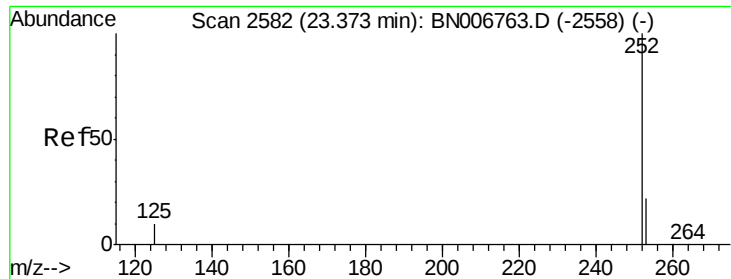
253 23.6 18.9 28.3

125 10.5 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.421 ng

RT: 23.37 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

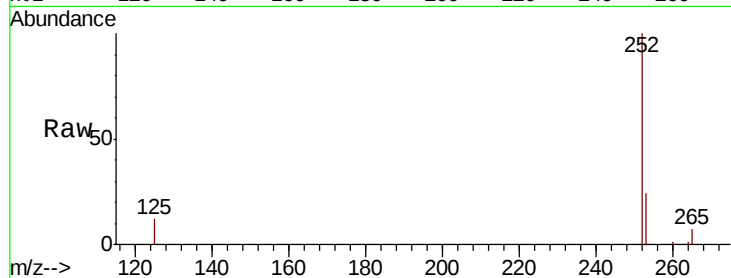
Tot Ion:252 Resp: 22709

Ion Ratio Lower Upper

252 100

253 24.4 19.5 29.3

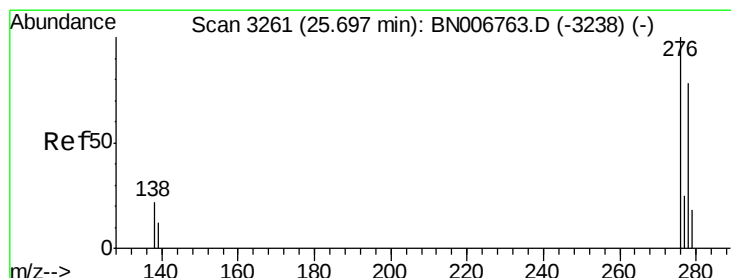
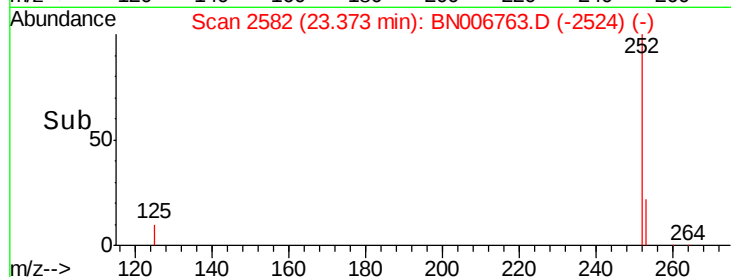
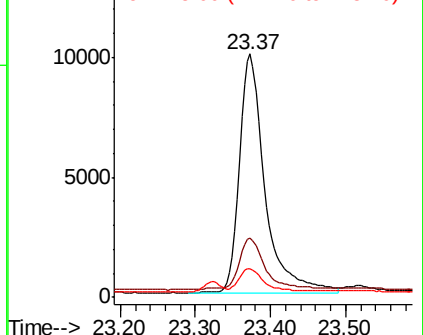
125 11.9 9.5 14.3



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: 0.429 ng

RT: 25.70 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

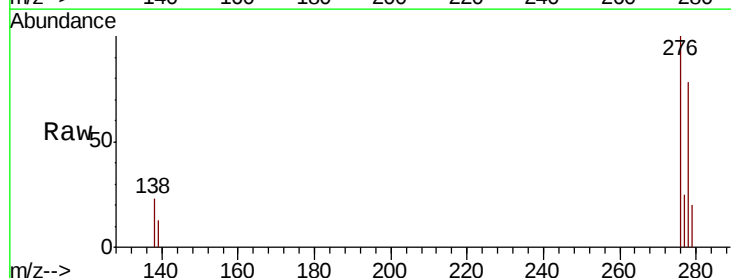
Tgt Ion:278 Resp: 22997

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

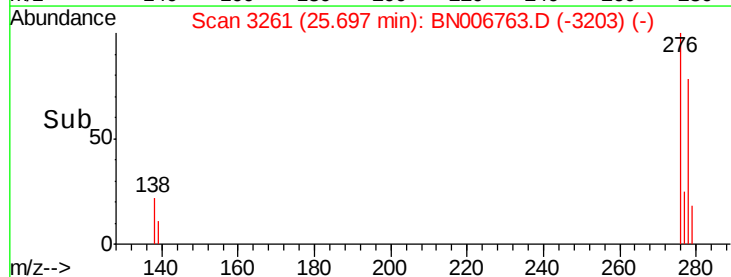
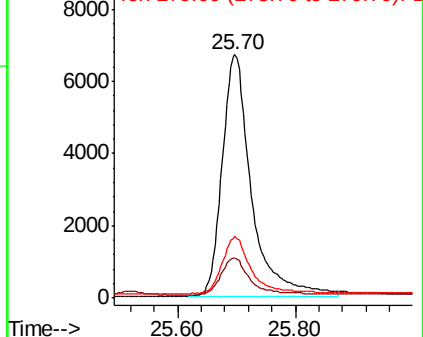
279 25.3 20.2 30.4

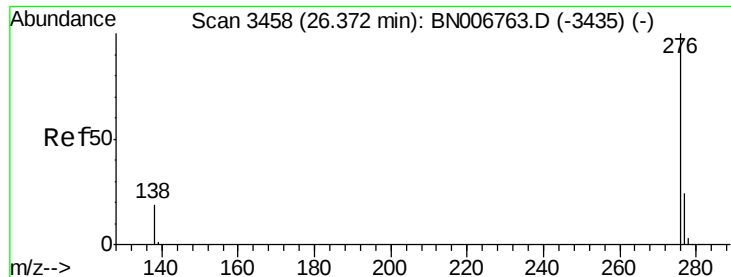


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.444 ng

RT: 26.37 min Scan# 3458

Delta R.T. 0.00 min

Lab File: BN006763.D

Acq: 09 Jul 2019 09:49

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

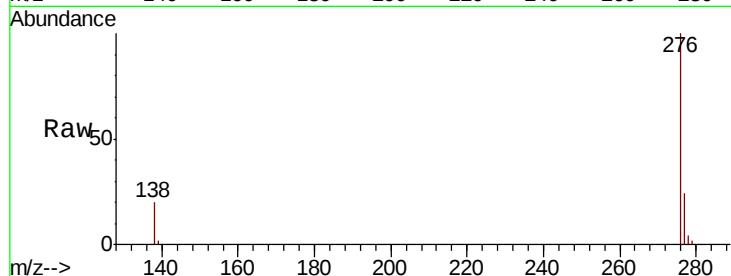
Tot Ion:276 Resp: 24494

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 20.3 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

