

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
 Data File : BN006764.D
 Acq On : 09 Jul 2019 10:24
 Operator : HP/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jul 09 12:31:49 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	2797	0.40	ng	0.00
7) Naphthalene-d8	10.36	136	10859	0.40	ng	0.00
13) Acenaphthene-d10	14.23	164	6147	0.40	ng	-0.01
19) Phenanthrene-d10	17.00	188	14336	0.40	ng	0.00
27) Chrysene-d12	21.24	240	14310	0.40	ng	0.00
34) Perylene-d12	23.48	264	15847	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	5052	0.67	ng	0.00
5) Phenol-d6	6.80	99	6988	0.73	ng	-0.02
8) Nitrobenzene-d5	8.77	82	6141	0.74	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	12534	0.77	ng	0.00
14) 2,4,6-Tribromophenol	15.76	330	2157	0.71	ng	-0.01
15) 2-Fluorobiphenyl	12.85	172	19139	0.80	ng	-0.01
25) Fluoranthene-d10	19.05	212	32644	0.80	ng	0.00
29) Terphenyl-d14	19.66	244	25823	0.78	ng	0.00

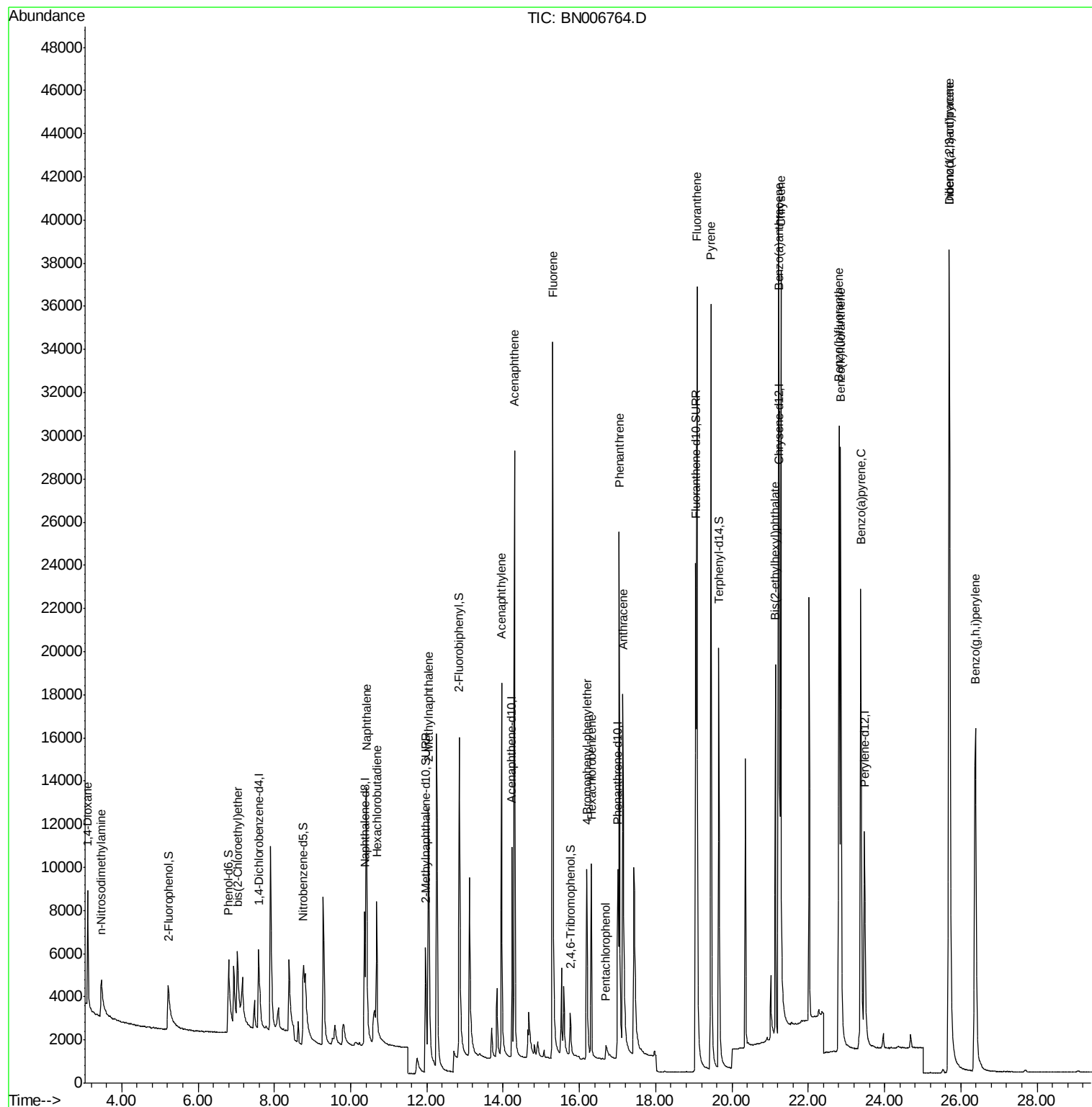
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	3263	0.747	ng	92
3) n-Nitrosodimethylamine	3.46	42	2470	0.749	ng	# 98
6) bis(2-Chloroethyl)ether	7.03	93	6746	0.830	ng	97
9) Naphthalene	10.42	128	22581	0.760	ng	98
10) Hexachlorobutadiene	10.68	225	4830	0.803	ng	# 100
12) 2-Methylnaphthalene	12.04	142	14485	0.657	ng	97
16) Acenaphthylene	13.95	152	21990	0.718	ng	100
17) Acenaphthene	14.30	154	15134	0.775	ng	100
18) Fluorene	15.30	166	19010	0.784	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	6259	0.741	ng	90
21) Hexachlorobenzene	16.31	284	8195	0.816	ng	99
22) Pentachlorophenol	16.70	266	974	0.676	ng	97
23) Phenanthrene	17.05	178	30682	0.743	ng	100
24) Anthracene	17.14	178	26021	0.697	ng	100
26) Fluoranthene	19.08	202	38193	0.787	ng	100
28) Pyrene	19.45	202	38646	0.675	ng	100
30) Benzo(a)anthracene	21.23	228	32887	0.666	ng	99
31) Chrysene	21.28	228	38921	0.765	ng	100
32) Bis(2-ethylhexyl)phthalate	21.14	149	13738	0.093	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	46944	0.772	ng	100
35) Benzo(b)fluoranthene	22.81	252	38536	0.758	ng	98
36) Benzo(k)fluoranthene	22.85	252	43320	0.785	ng	99
37) Benzo(a)pyrene	23.38	252	37454	0.760	ng	98
38) Dibenzo(a,h)anthracene	25.70	278	37627	0.769	ng	98
39) Benzo(g,h,i)perylene	26.38	276	39356	0.781	ng	100

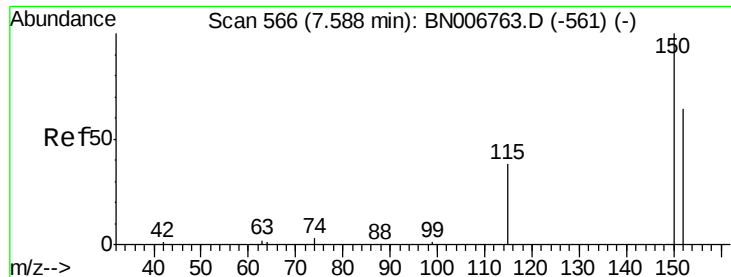
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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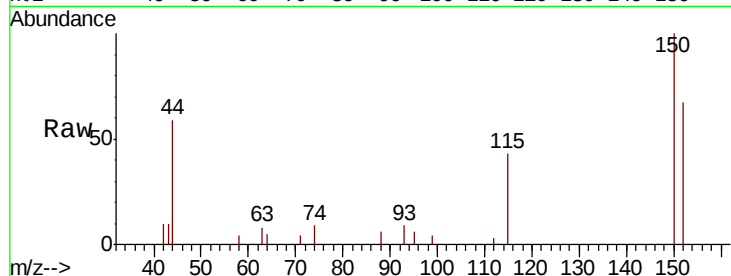


#1

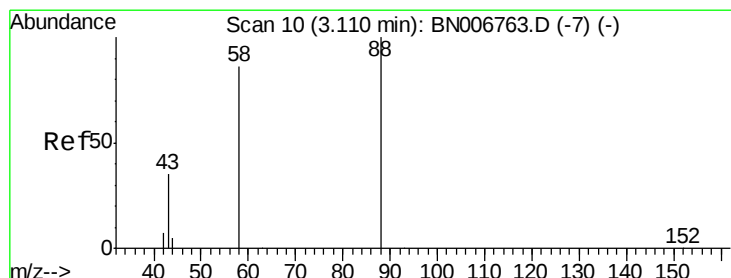
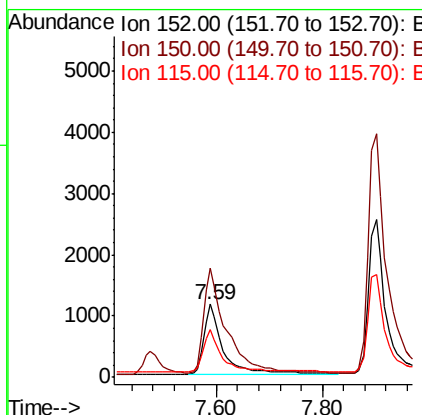
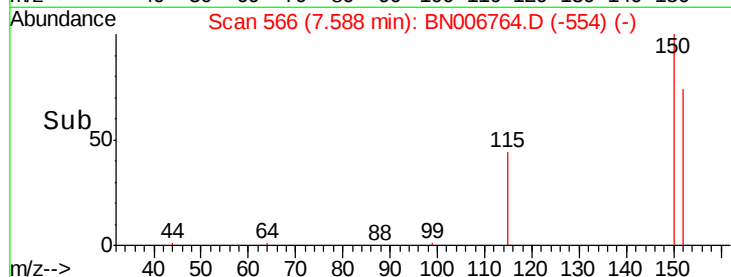
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 2797
Ion Ratio Lower Upper
152 100
150 150.3 123.6 185.4
115 65.0 52.5 78.7



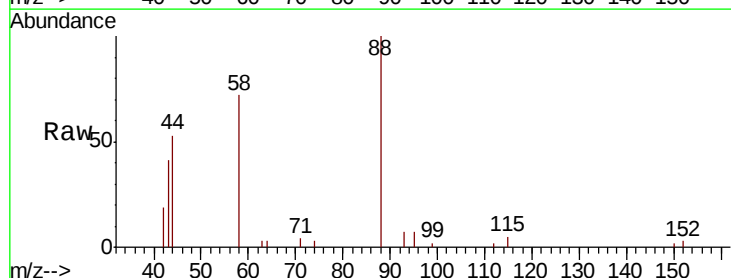
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



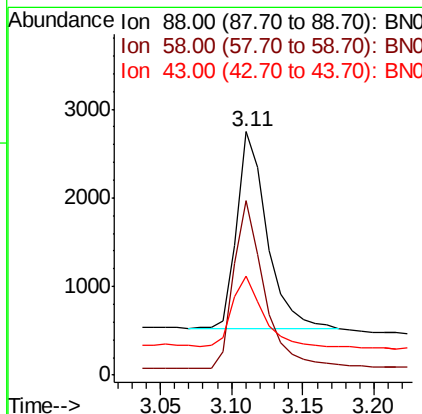
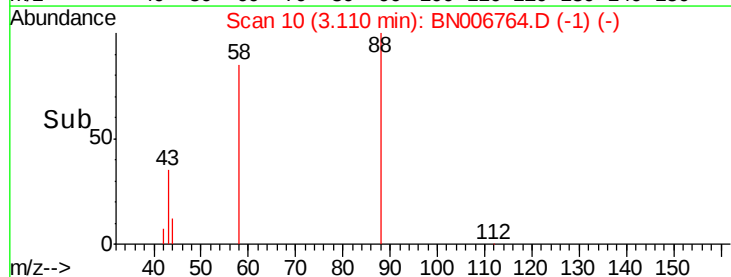
#2

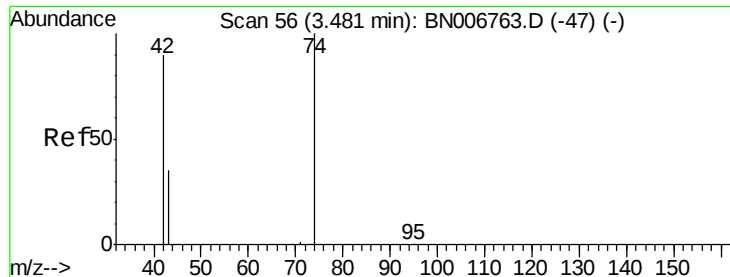
1,4-Dioxane
Concen: 0.747 ng
RT: 3.11 min Scan# 10
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion: 88 Resp: 3263
Ion Ratio Lower Upper
88 100
58 87.1 61.8 92.6
43 35.7 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: 0.749 ng

RT: 3.46 min Scan# 54

Delta R.T. -0.02 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampled :

SSTDIC0.8

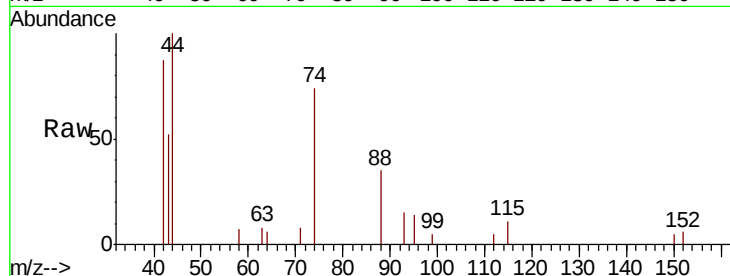
Tot Ion: 42 Resp: 2470

Ion Ratio Lower Upper

42 100

74 109.3 86.2 129.4

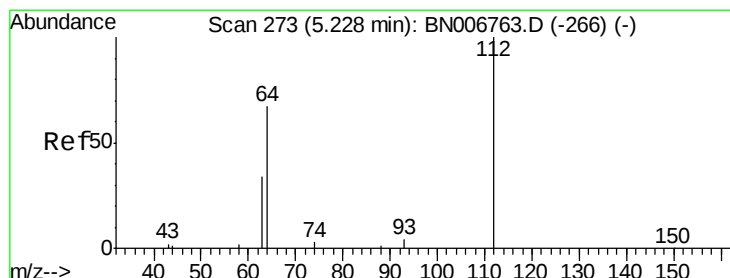
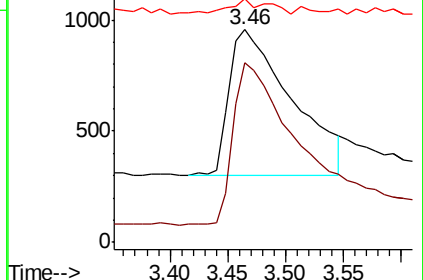
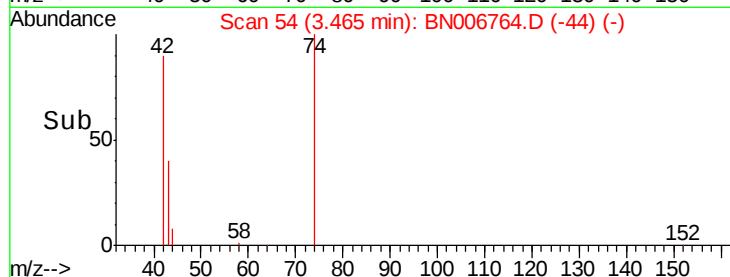
44 5.8 7.0 10.6#



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: 0.665 ng

RT: 5.22 min Scan# 272

Delta R.T. -0.01 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

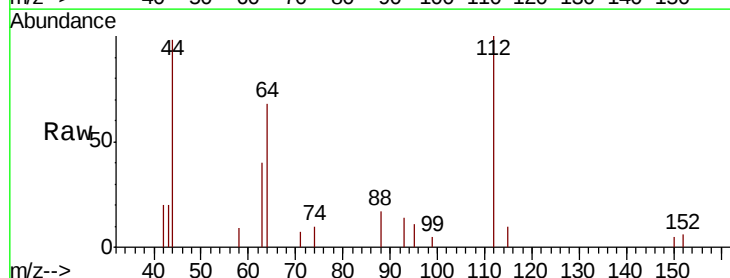
Tgt Ion: 112 Resp: 5052

Ion Ratio Lower Upper

112 100

64 65.7 52.7 79.1

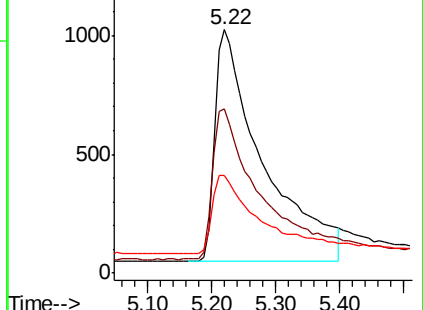
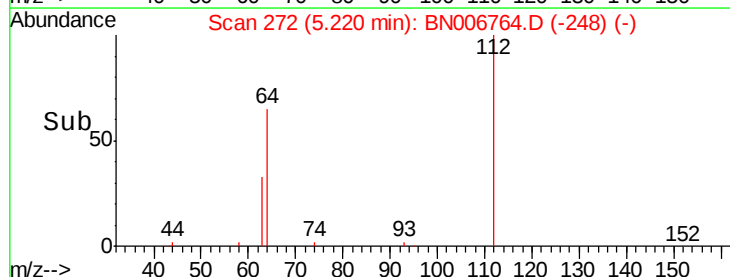
63 34.6 27.7 41.5

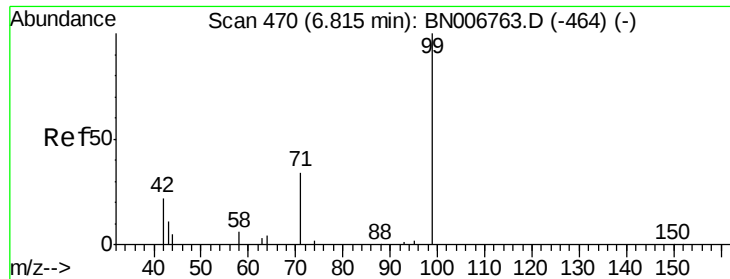


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.727 ng

RT: 6.80 min Scan# 468

Delta R.T. -0.02 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

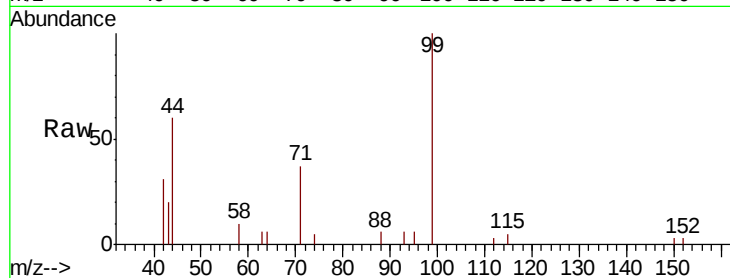
Tot Ion: 99 Resp: 6988

Ion Ratio Lower Upper

99 100

42 21.9 17.0 25.6

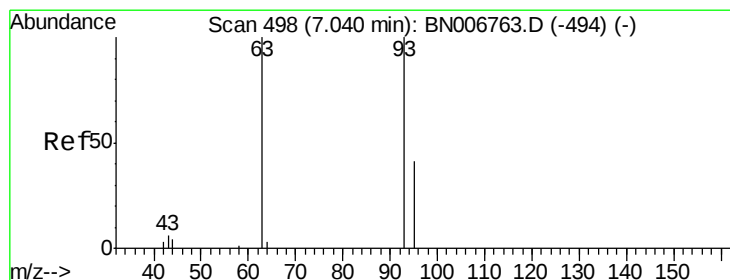
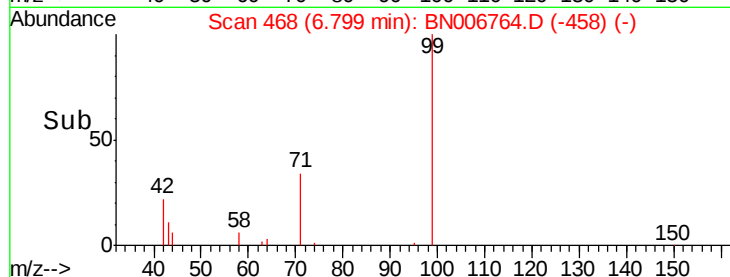
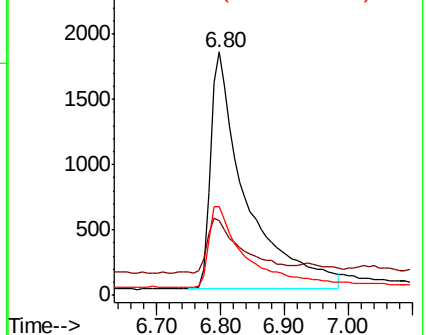
71 35.2 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BN006763.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006763.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006763.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.830 ng

RT: 7.03 min Scan# 497

Delta R.T. -0.01 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

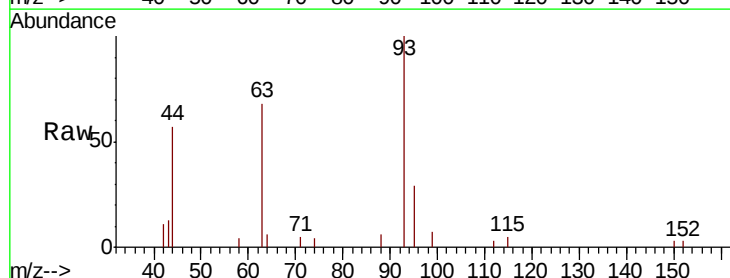
Tgt Ion: 93 Resp: 6746

Ion Ratio Lower Upper

93 100

63 58.7 48.6 73.0

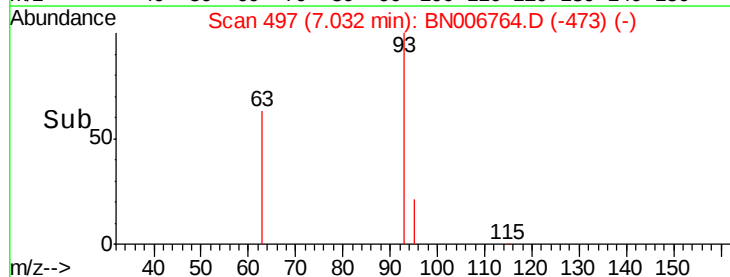
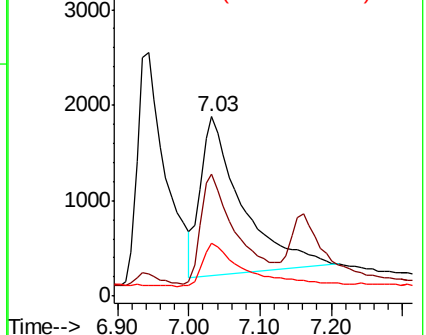
95 27.4 22.9 34.3

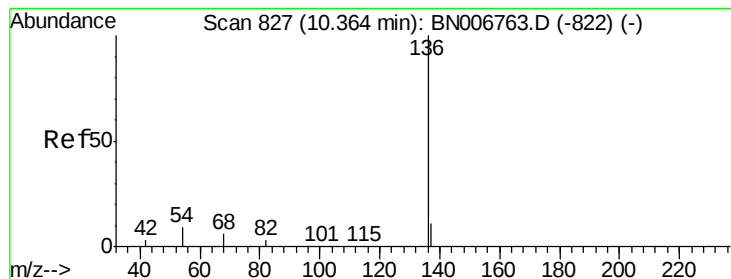


Abundance Ion 93.00 (92.70 to 93.70): BN006763.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN006763.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN006763.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 10859

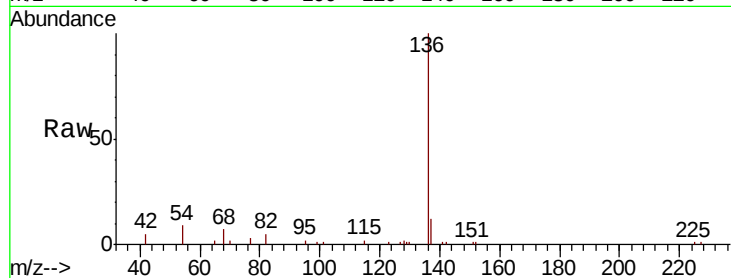
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 8.9 8.4 12.6

68 6.8 6.4 9.6

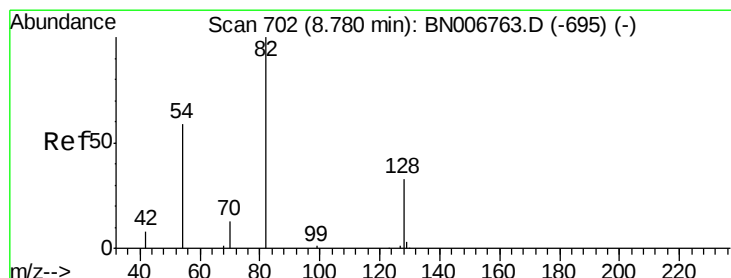
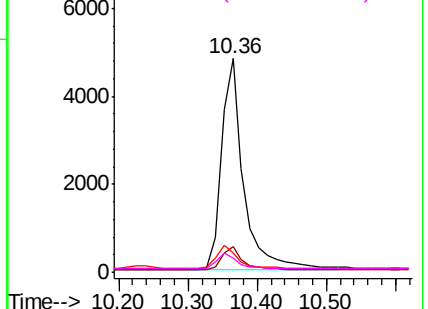
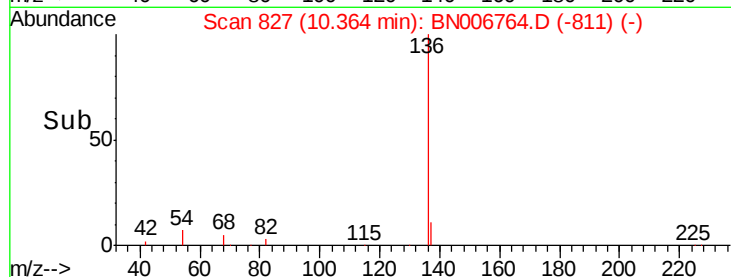


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.737 ng

RT: 8.77 min Scan# 701

Delta R.T. -0.01 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

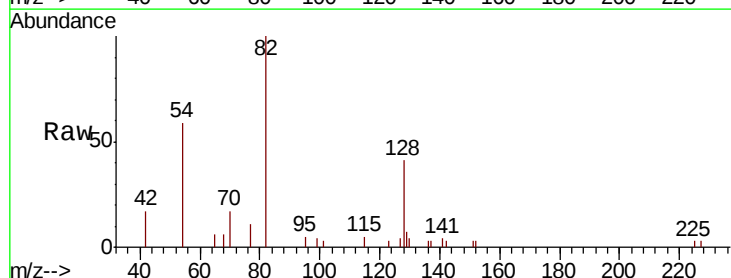
Tgt Ion: 82 Resp: 6141

Ion Ratio Lower Upper

82 100

128 40.8 33.0 49.6

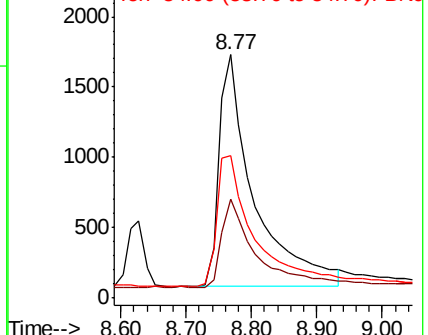
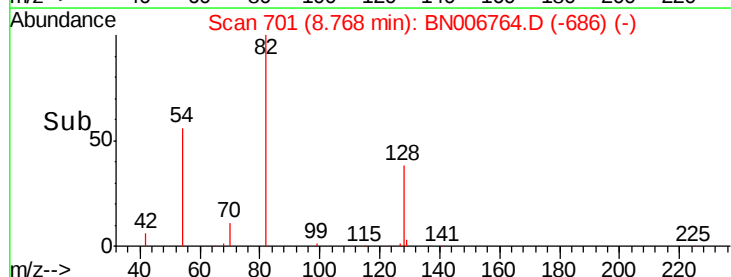
54 58.6 52.2 78.2

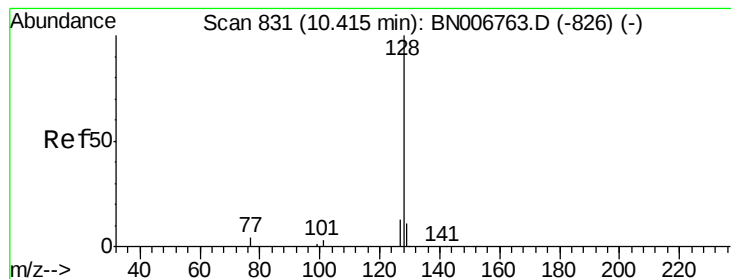


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.760 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

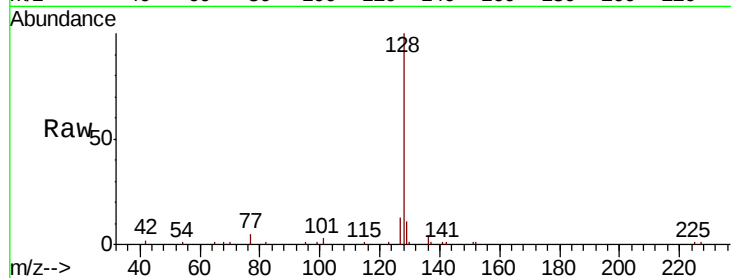
Tot Ion:128 Resp: 22581

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

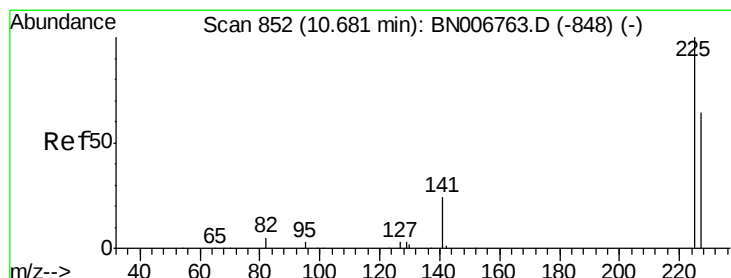
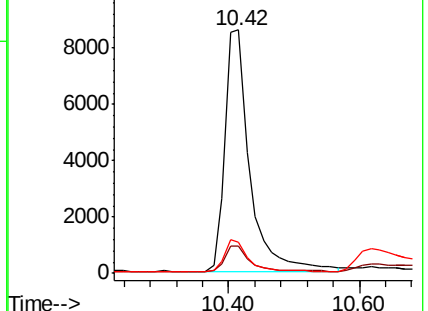
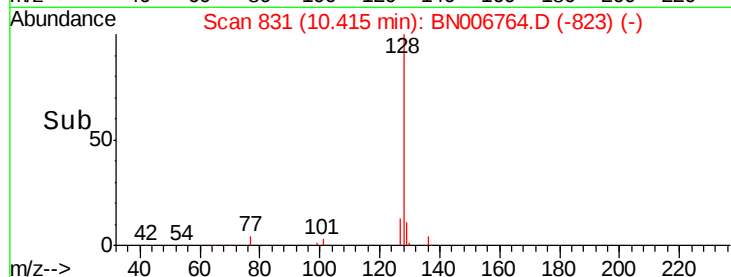
127 13.0 11.0 16.4



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: 0.803 ng

RT: 10.68 min Scan# 852

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

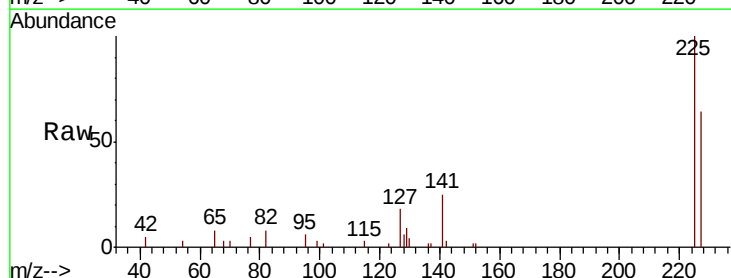
Tgt Ion:225 Resp: 4830

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

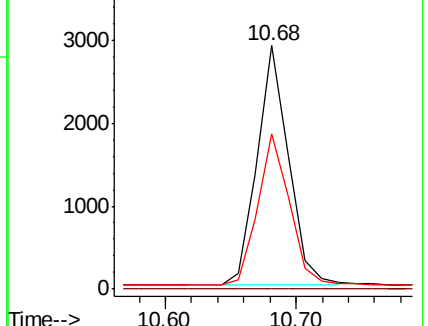
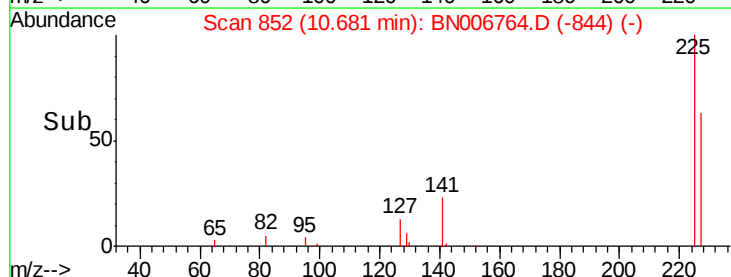
227 63.7 50.8 76.2

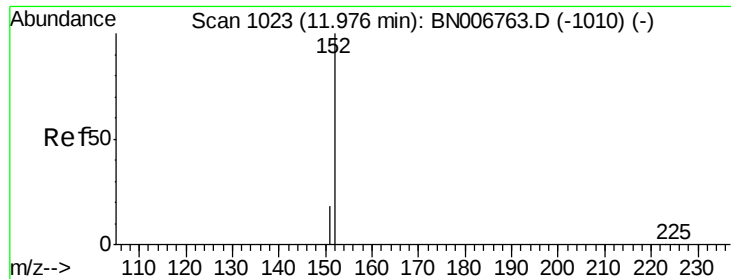


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

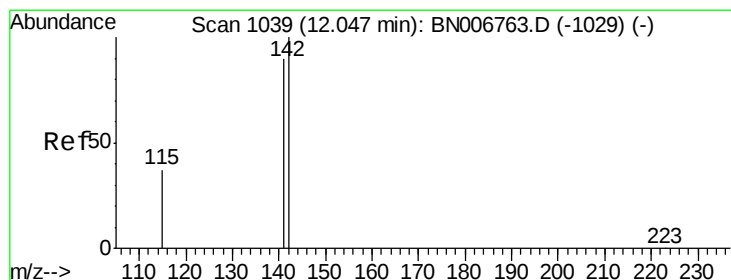
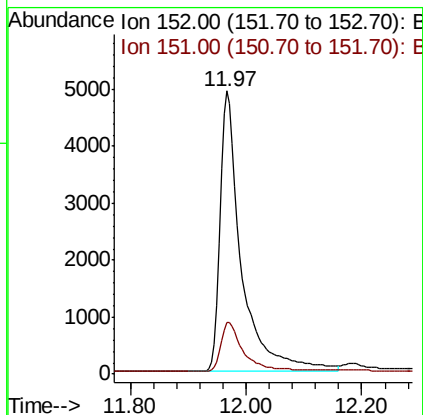
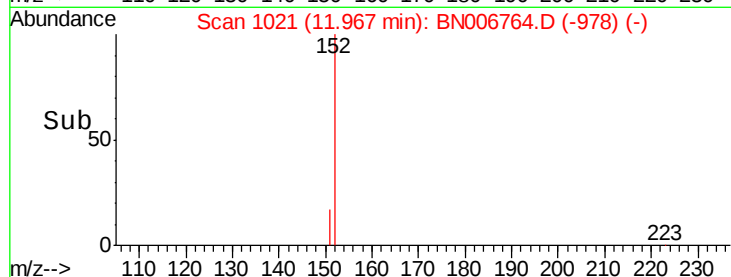
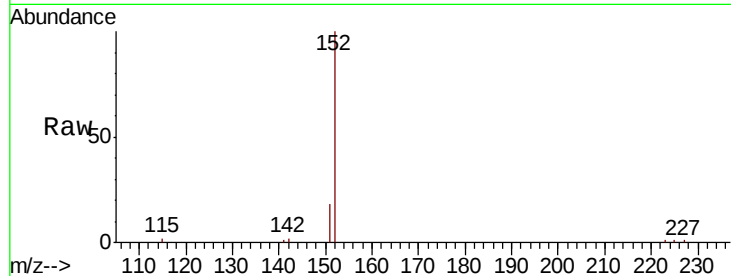




#11
2-Methylnaphthalene-d10
Concen: 0.768 ng
RT: 11.97 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

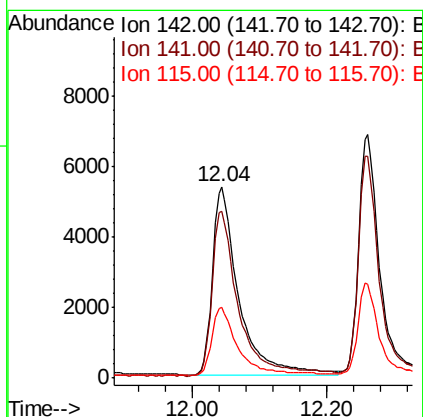
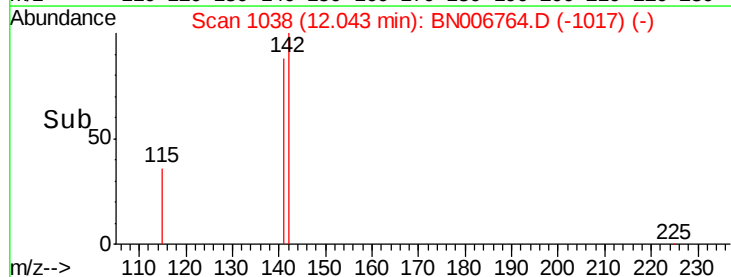
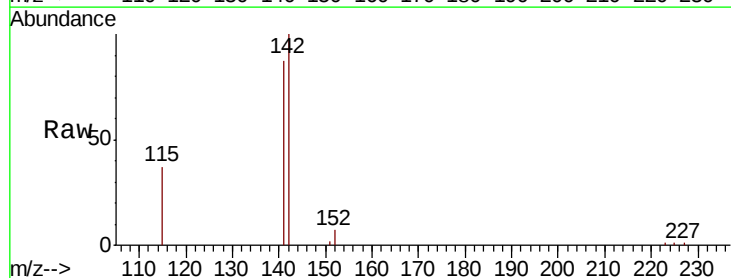
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

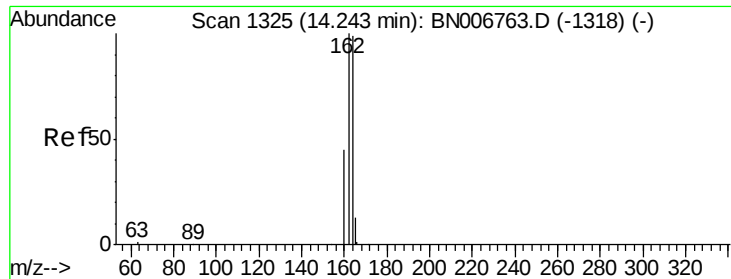
Tot Ion:152 Resp: 12534
Ion Ratio Lower Upper
152 100
151 18.7 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.657 ng
RT: 12.04 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:142 Resp: 14485
Ion Ratio Lower Upper
142 100
141 87.1 71.7 107.5
115 36.8 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.23 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

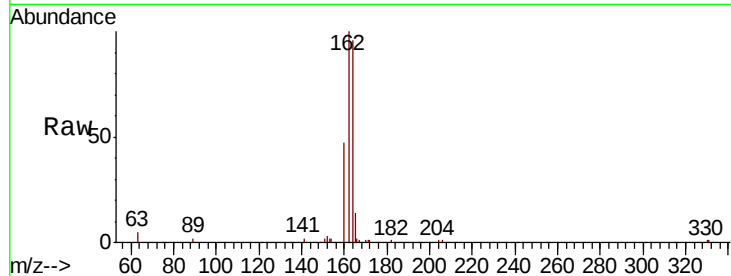
Tot Ion:164 Resp: 6147

Ion Ratio Lower Upper

164 100

162 104.6 81.0 121.4

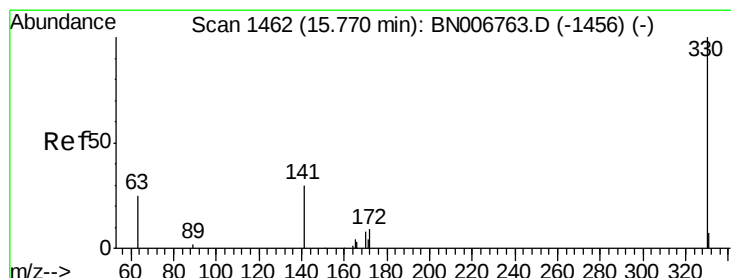
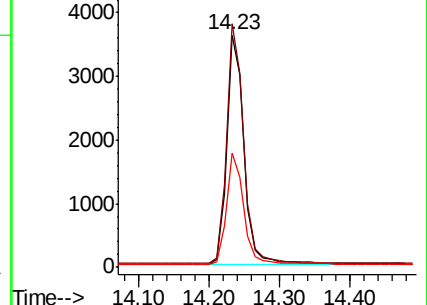
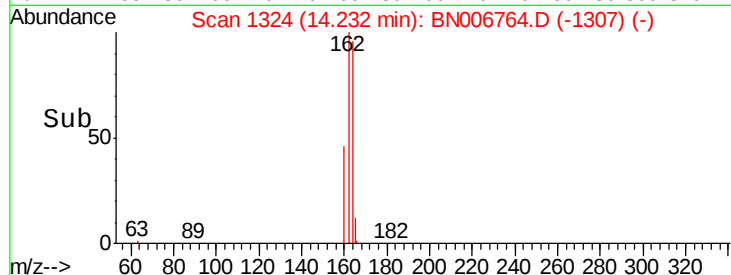
160 48.9 37.4 56.0



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: 0.714 ng

RT: 15.76 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

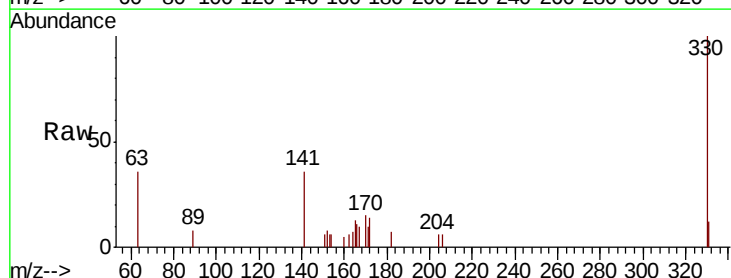
Tgt Ion:330 Resp: 2157

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

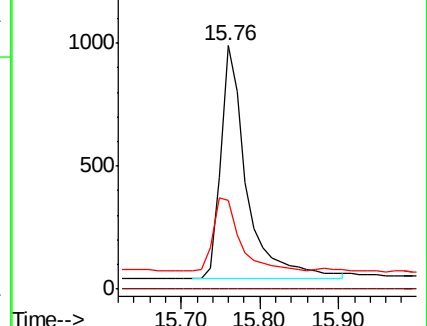
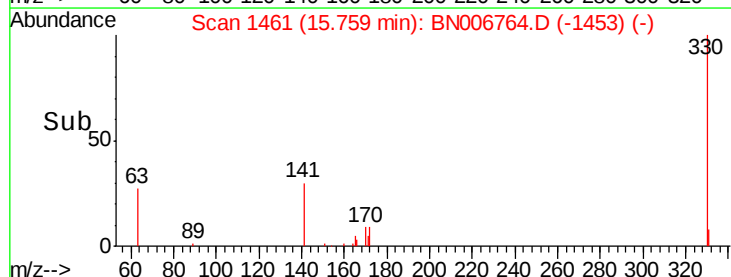
141 31.8 26.6 39.8

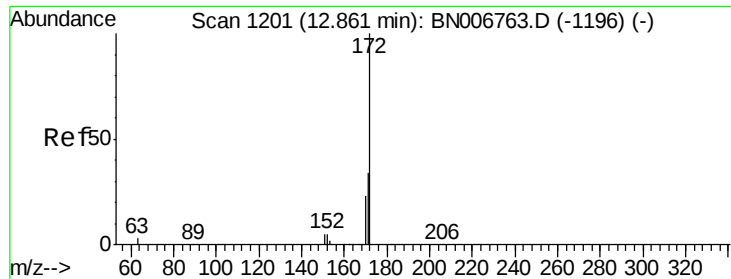


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

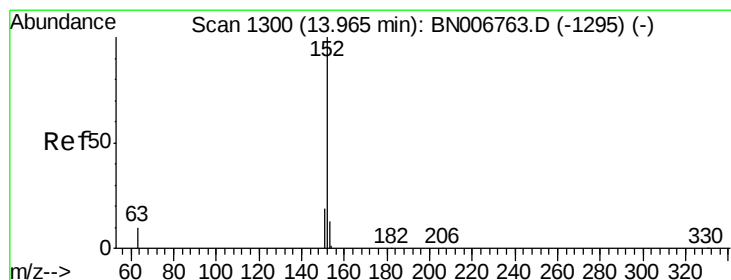
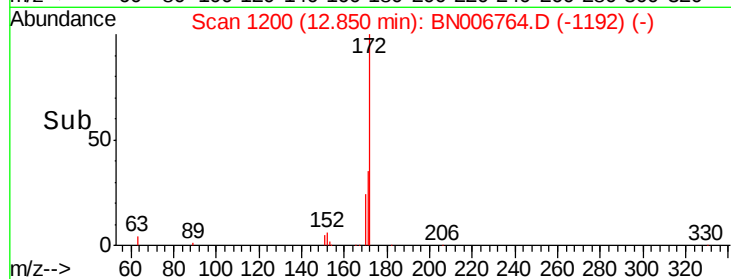
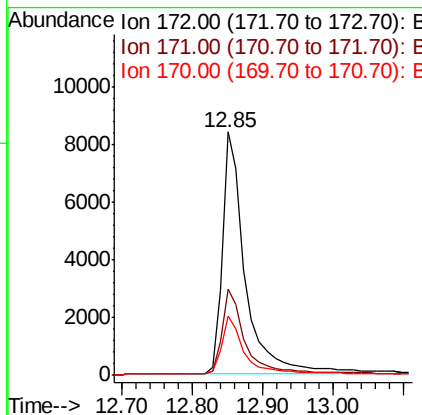
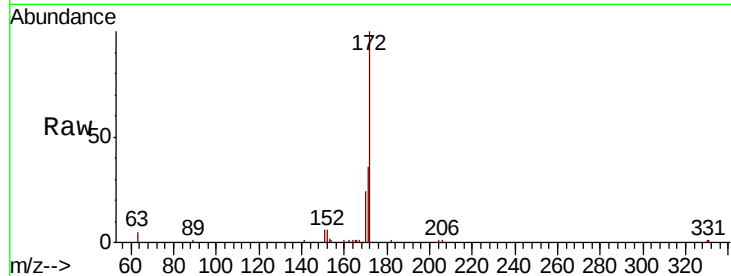




#15
2-Fluorobiphenyl
Concen: 0.796 ng
RT: 12.85 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

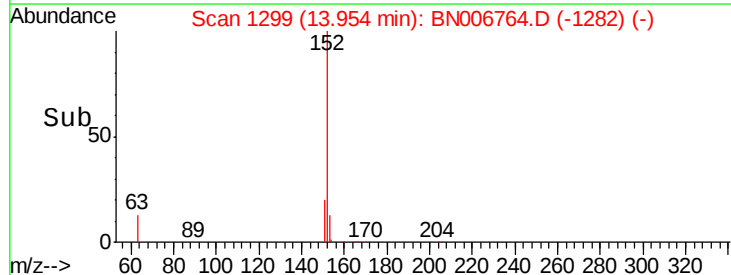
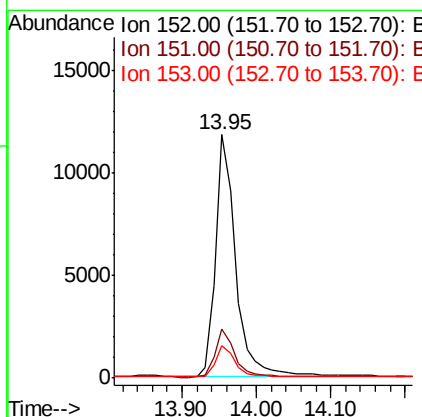
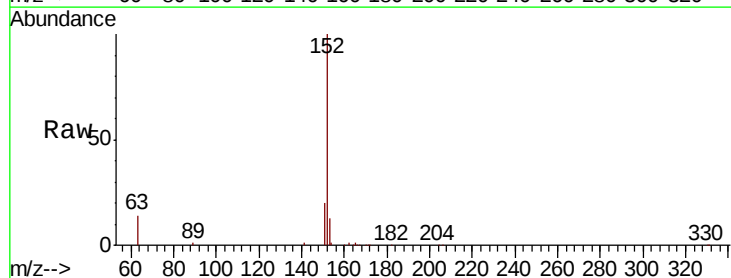
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

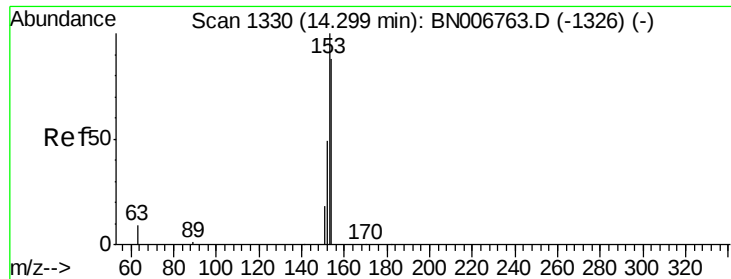
Tot Ion:172 Resp: 19139
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 24.4 19.0 28.6



#16
Acenaphthylene
Concen: 0.718 ng
RT: 13.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:152 Resp: 21990
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.775 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

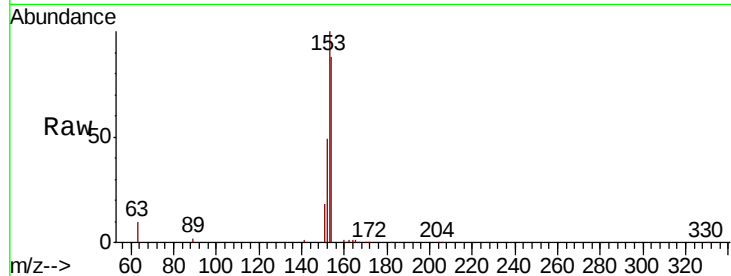
Tot Ion:154 Resp: 15134

Ion Ratio Lower Upper

154 100

153 113.1 90.8 136.2

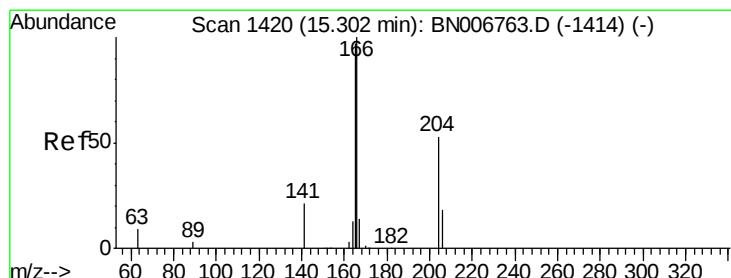
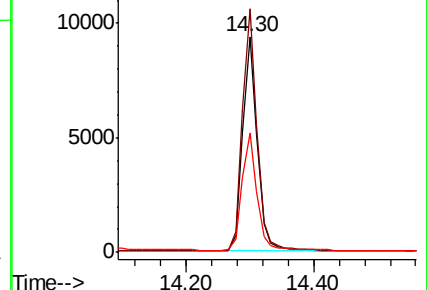
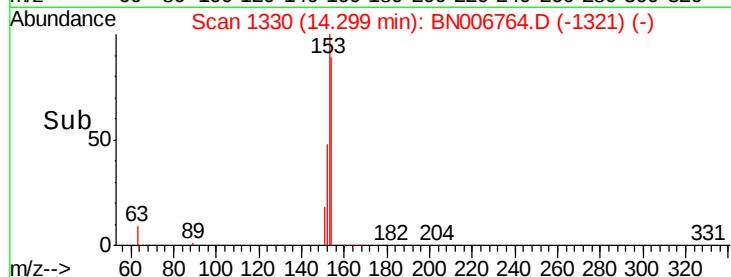
152 55.6 44.9 67.3



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: 0.784 ng

RT: 15.30 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

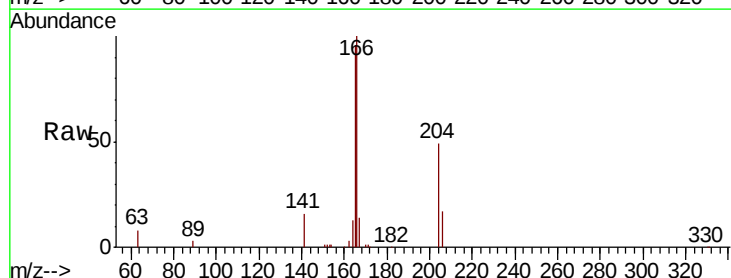
Tgt Ion:166 Resp: 19010

Ion Ratio Lower Upper

166 100

165 97.4 78.2 117.4

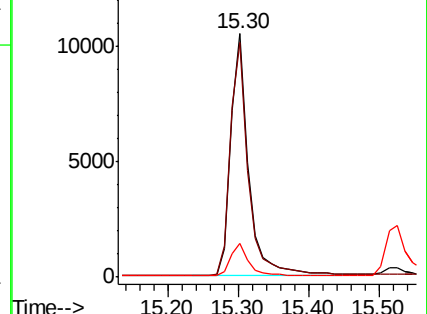
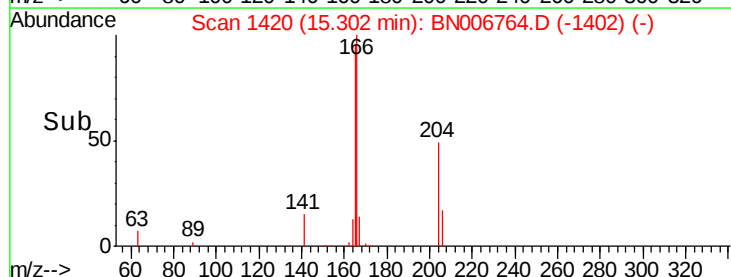
167 13.4 10.9 16.3

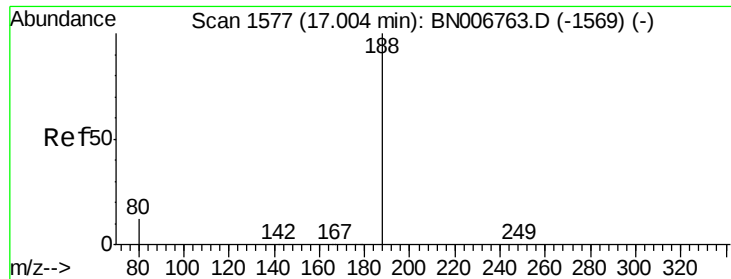


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

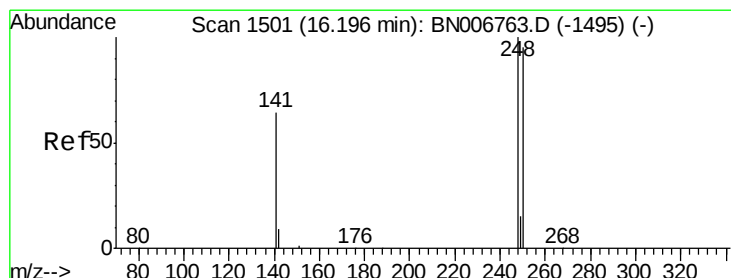
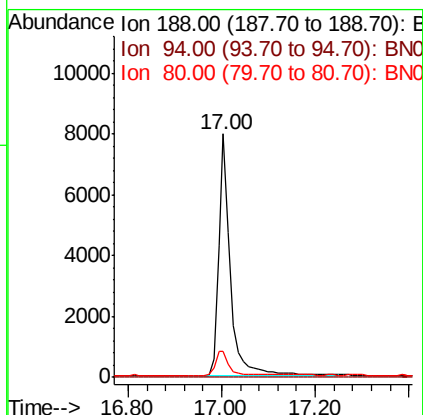
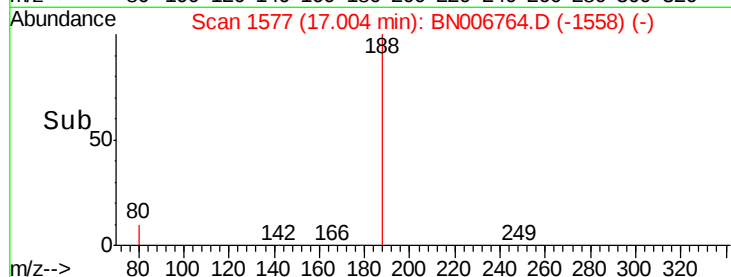
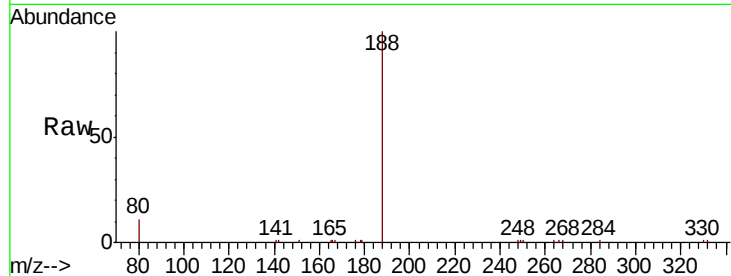
Tot Ion:188 Resp: 14336

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 10.1 15.1



#20

4-Bromophenyl-phenylether

Concen: 0.741 ng

RT: 16.20 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

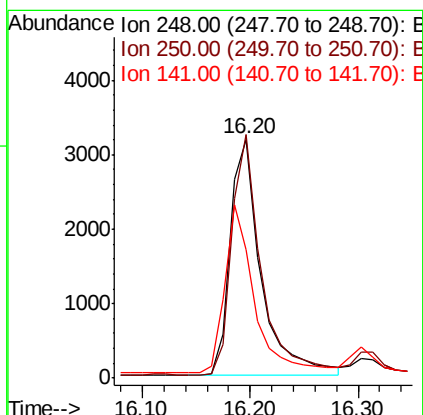
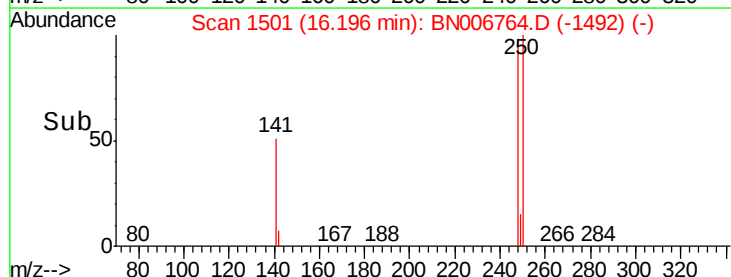
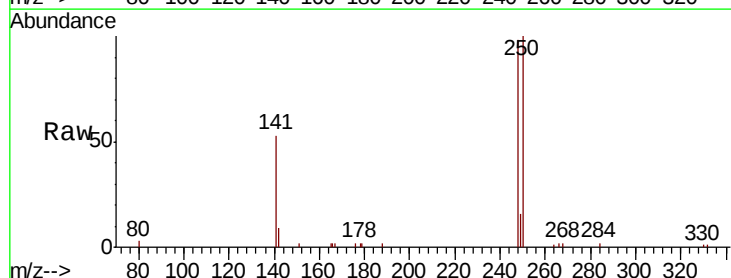
Tgt Ion:248 Resp: 6259

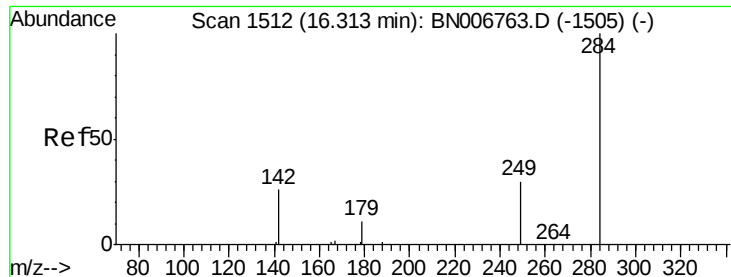
Ion Ratio Lower Upper

248 100

250 102.0 76.5 114.7

141 53.9 53.2 79.8





#21

Hexachlorobenzene

Concen: 0.816 ng

RT: 16.31 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

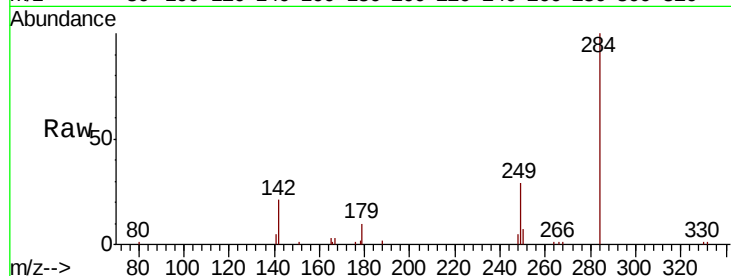
Tot Ion:284 Resp: 8195

Ion Ratio Lower Upper

284 100

142 33.1 27.0 40.4

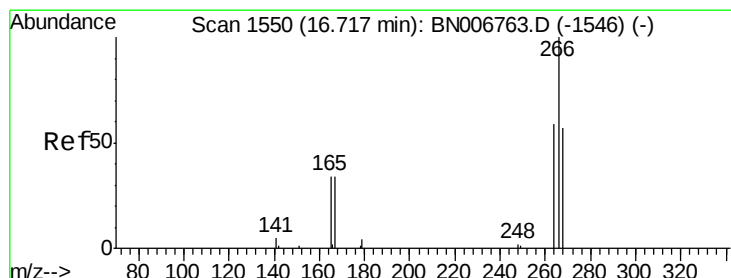
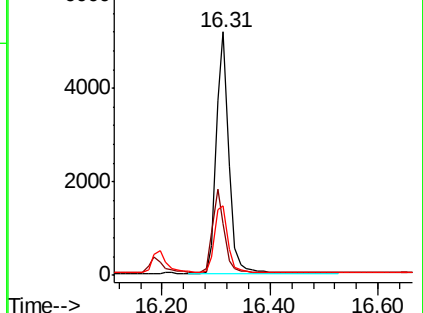
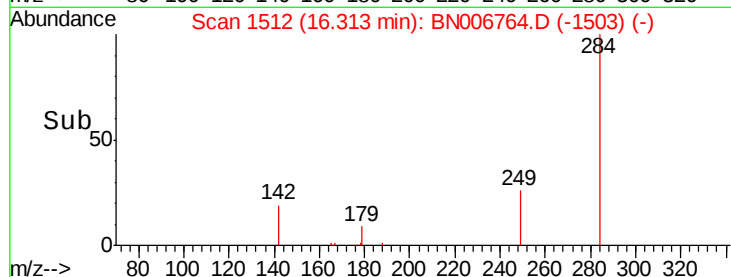
249 30.6 24.3 36.5



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: 0.676 ng

RT: 16.70 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

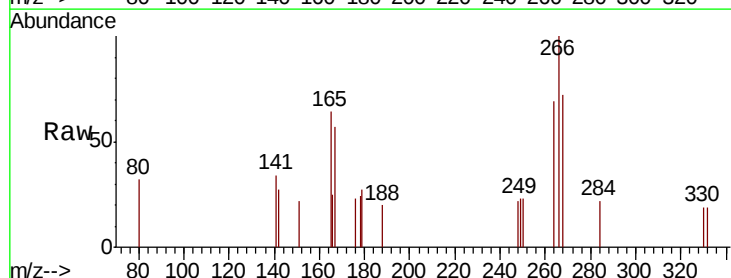
Tgt Ion:266 Resp: 974

Ion Ratio Lower Upper

266 100

264 68.9 56.2 84.4

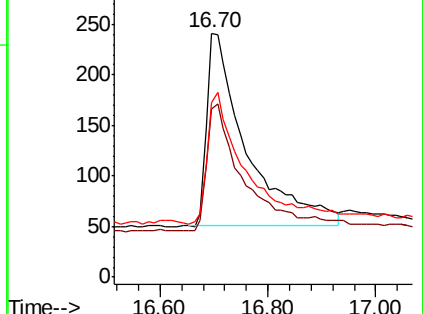
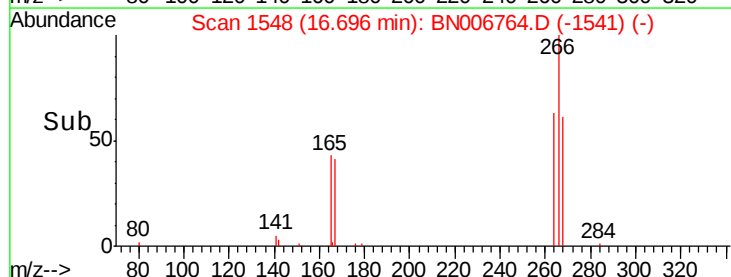
268 71.8 60.2 90.2

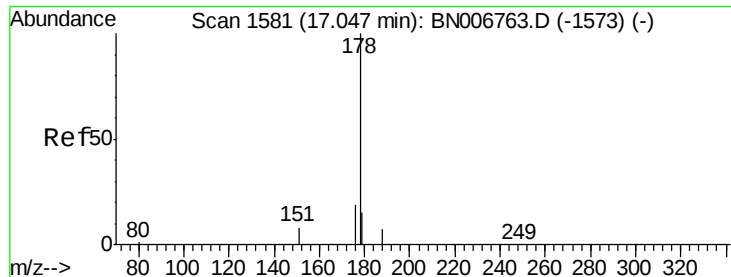


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.743 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

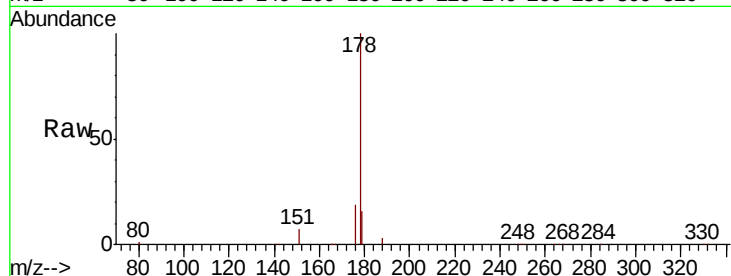
Tot Ion:178 Resp: 30682

Ion Ratio Lower Upper

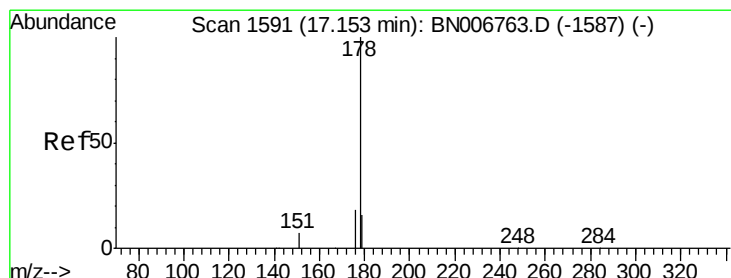
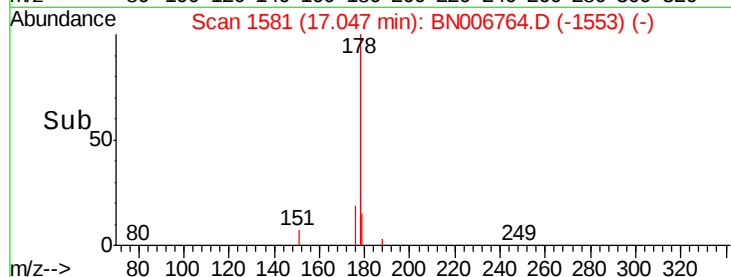
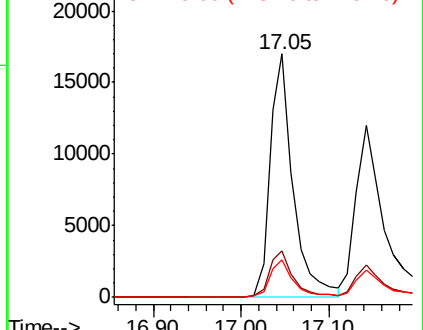
178 100

176 19.0 15.4 23.0

179 15.3 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: 0.697 ng

RT: 17.14 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

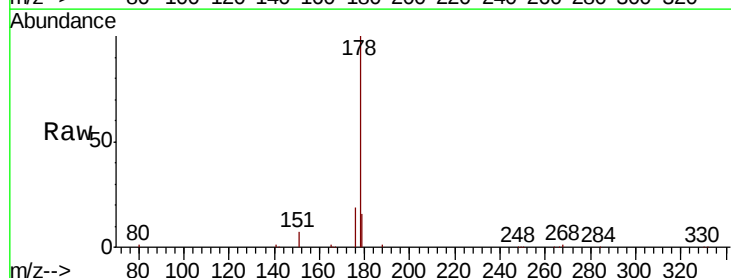
Tgt Ion:178 Resp: 26021

Ion Ratio Lower Upper

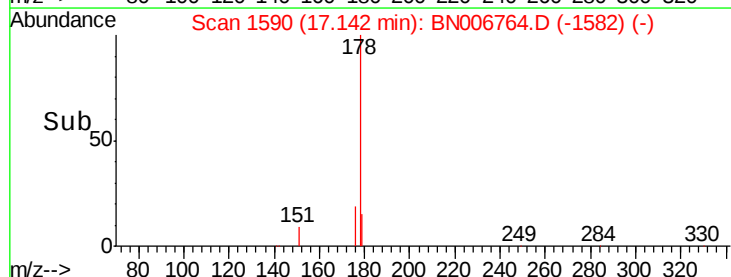
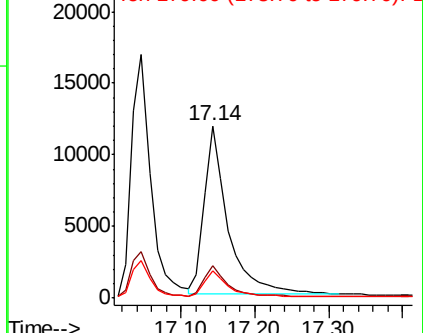
178 100

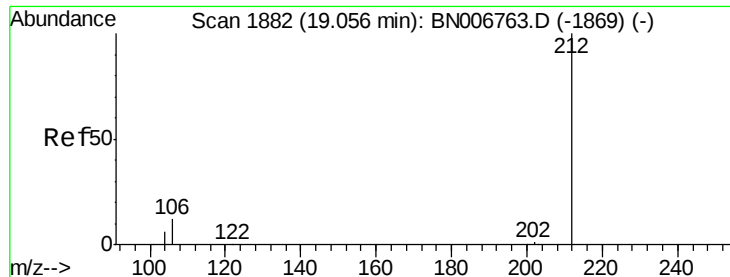
176 18.5 14.6 22.0

179 15.3 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

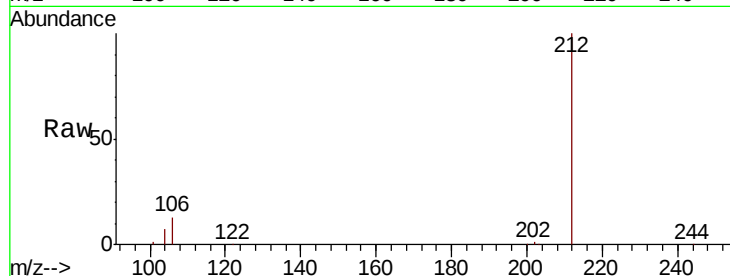




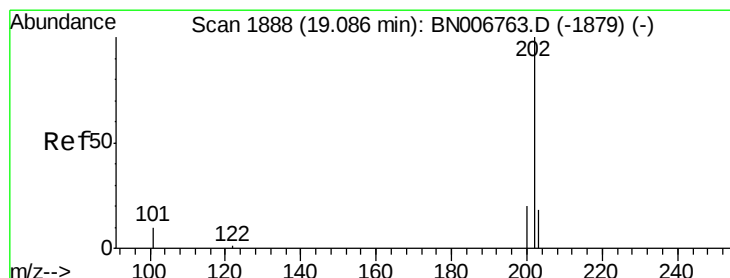
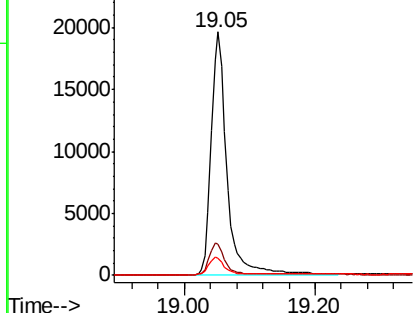
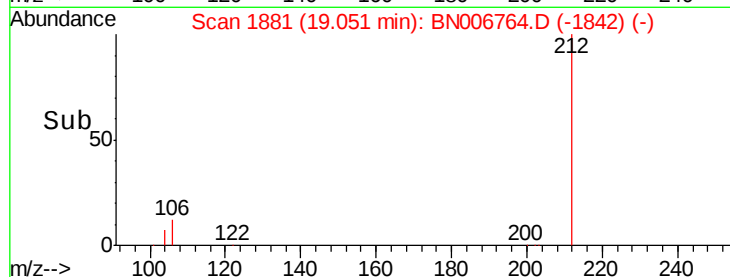
#25
 Fluoranthene-d10
 Concen: 0.796 ng
 RT: 19.05 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BN006764.D
 Acq: 09 Jul 2019 10:24

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Tot Ion:212 Resp: 32644
 Ion Ratio Lower Upper
 212 100
 106 13.1 10.5 15.7
 104 7.1 5.9 8.9

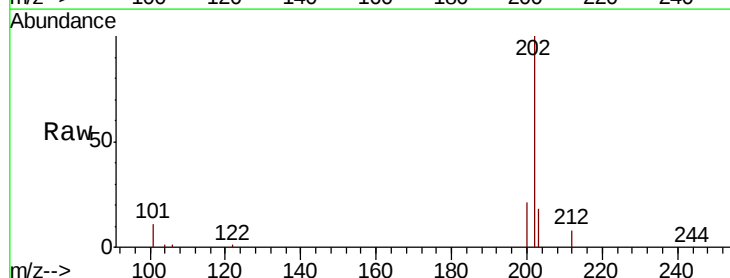


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

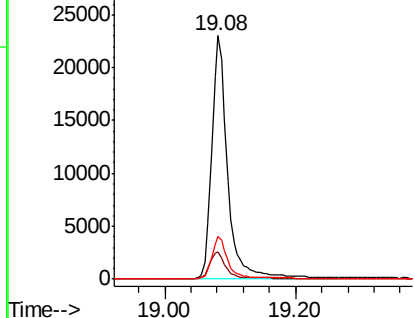
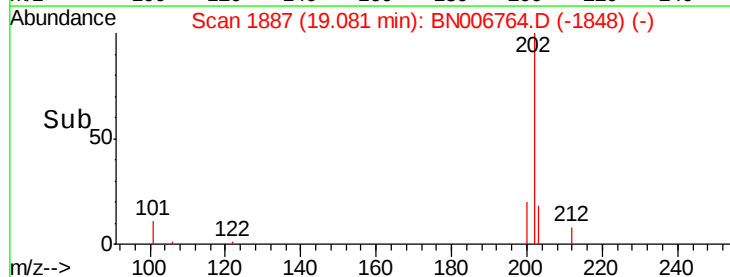


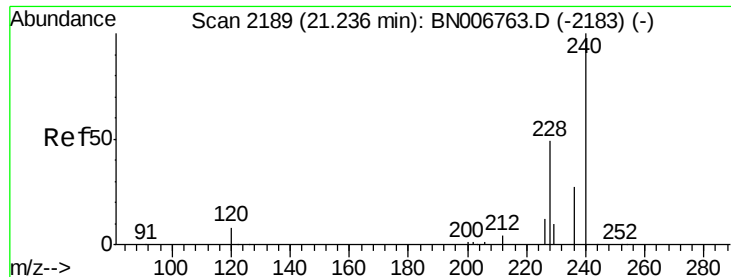
#26
 Fluoranthene
 Concen: 0.787 ng
 RT: 19.08 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BN006764.D
 Acq: 09 Jul 2019 10:24

Tgt Ion:202 Resp: 38193
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.8 13.2
 203 17.2 13.6 20.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

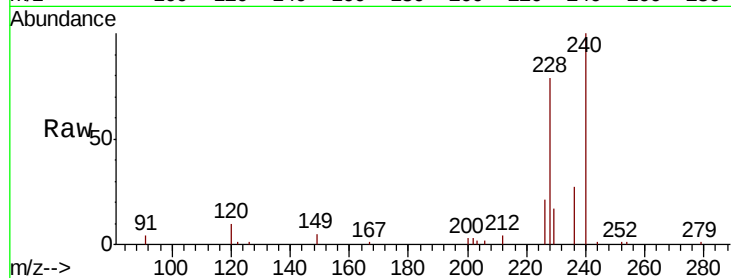
Tot Ion:240 Resp: 14310

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

236 27.1 21.8 32.6

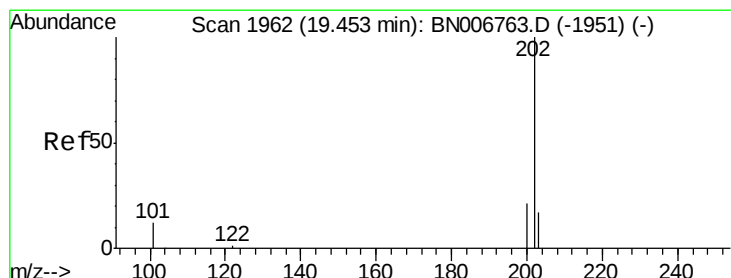
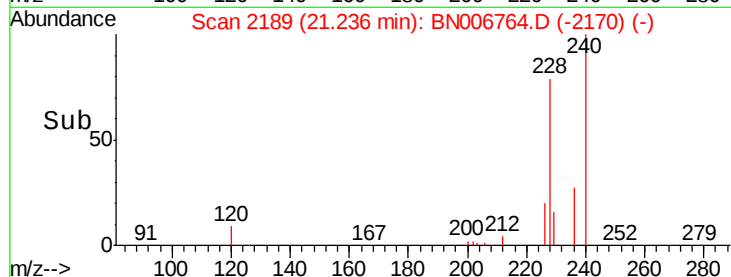
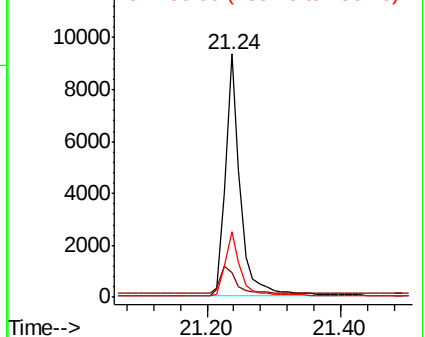


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.675 ng

RT: 19.45 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

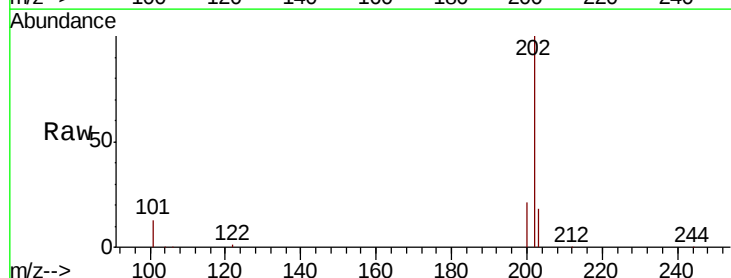
Tgt Ion:202 Resp: 38646

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 17.5 14.0 21.0

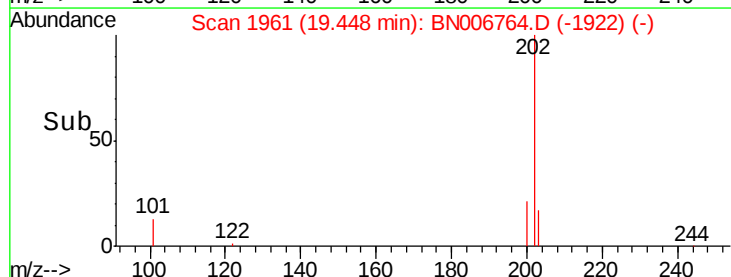
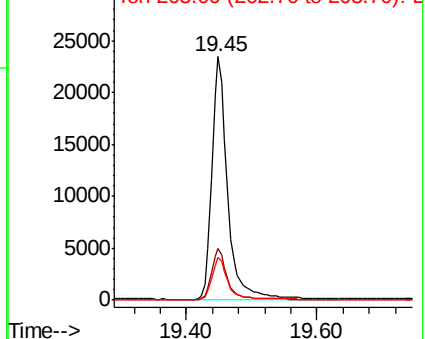


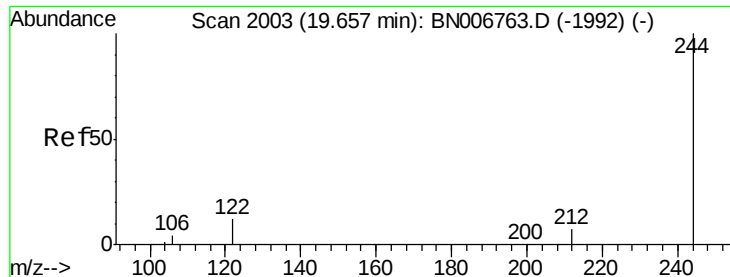
Abundance

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: 0.784 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

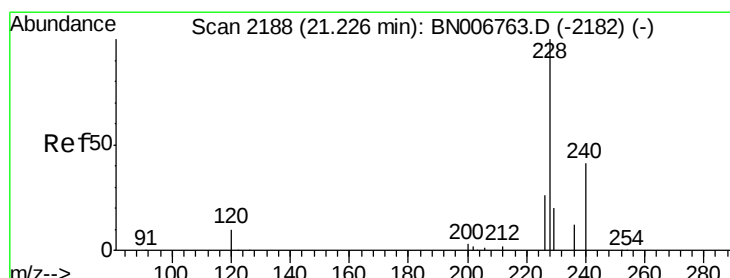
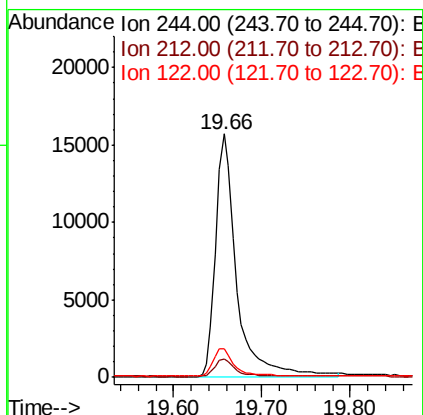
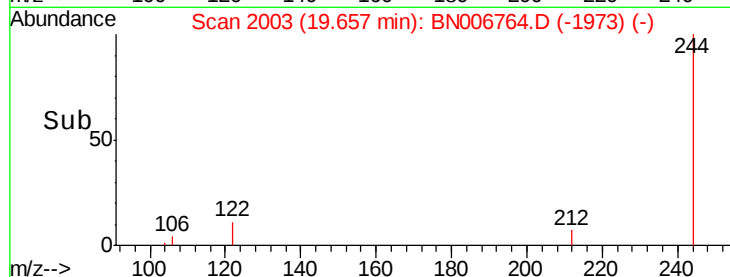
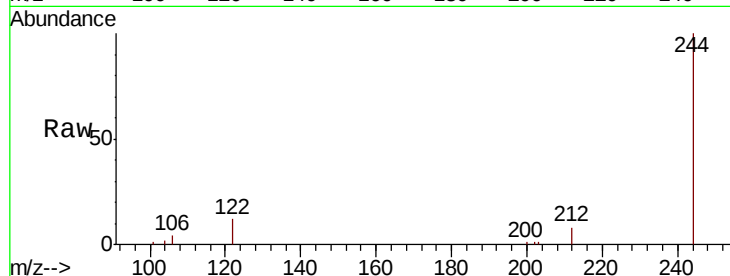
Tot Ion:244 Resp: 25823

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 11.8 10.3 15.5



#30

Benzo(a)anthracene

Concen: 0.666 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

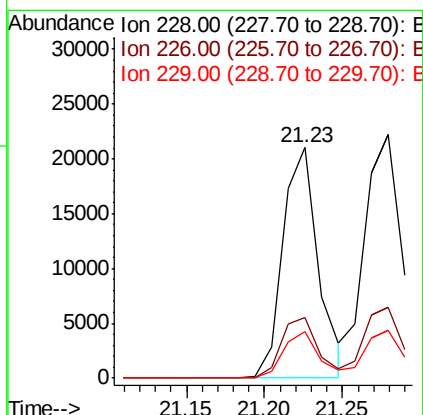
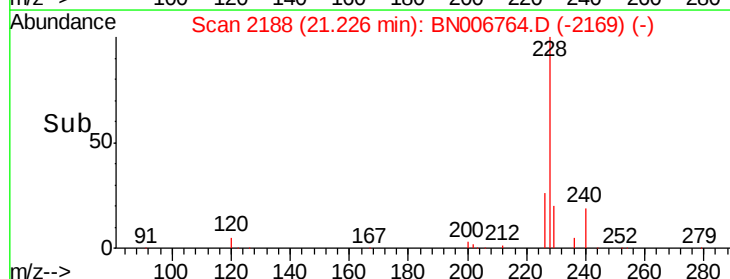
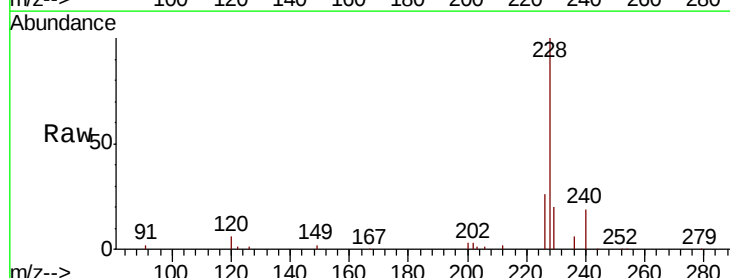
Tgt Ion:228 Resp: 32887

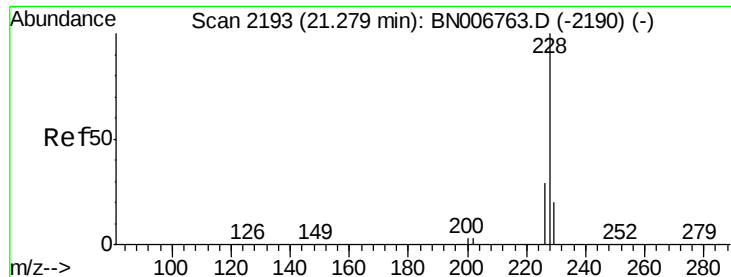
Ion Ratio Lower Upper

228 100

226 26.1 21.2 31.8

229 20.3 16.4 24.6





#31

Chrysene

Concen: 0.765 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

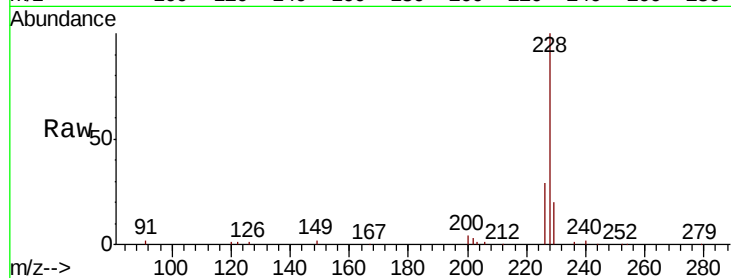
Tot Ion:228 Resp: 38921

Ion Ratio Lower Upper

228 100

226 29.2 23.5 35.3

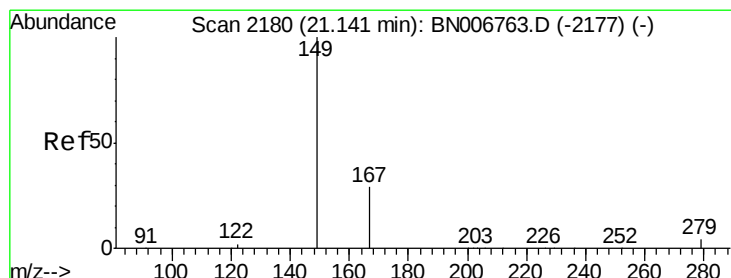
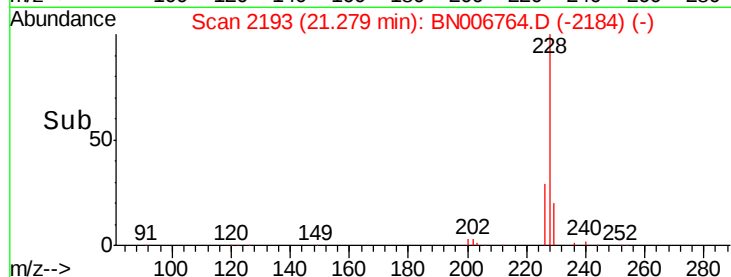
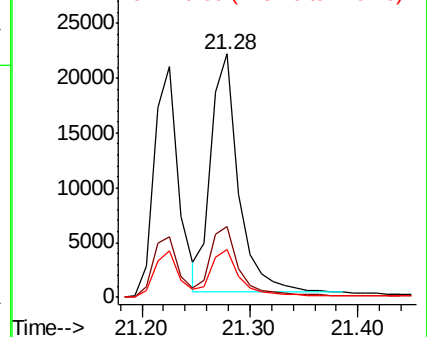
229 19.8 16.0 24.0



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: 0.093 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

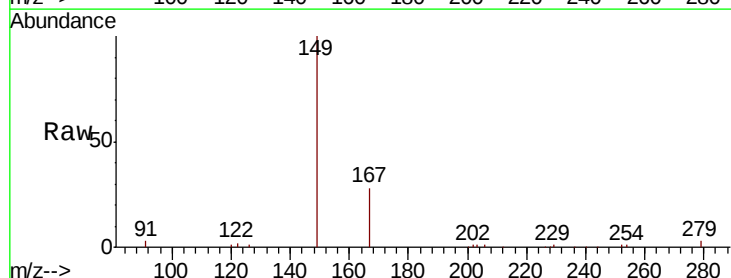
Tgt Ion:149 Resp: 13738

Ion Ratio Lower Upper

149 100

167 28.1 22.9 34.3

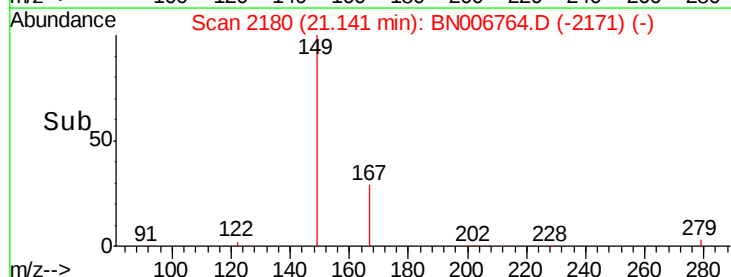
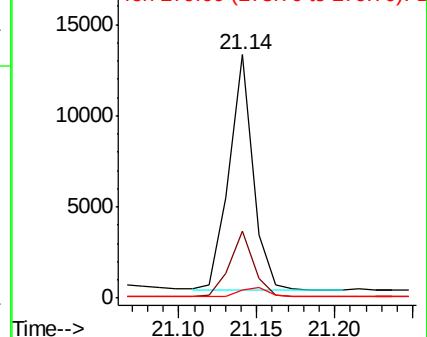
279 4.6 3.7 5.5

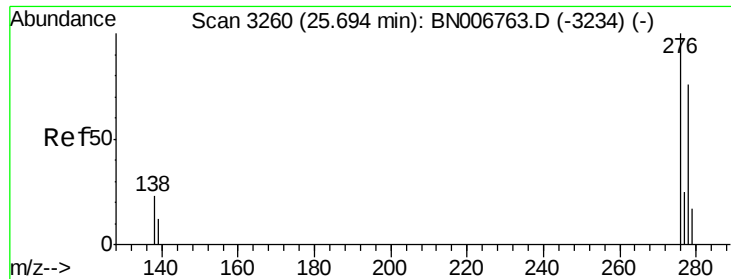


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

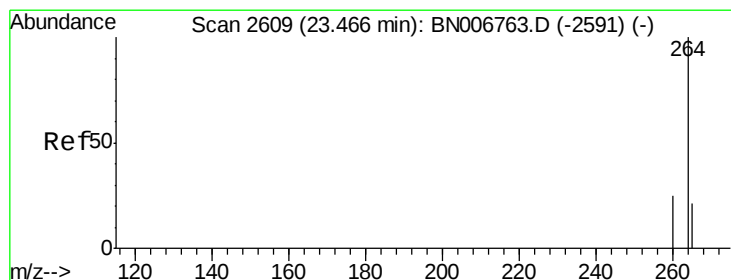
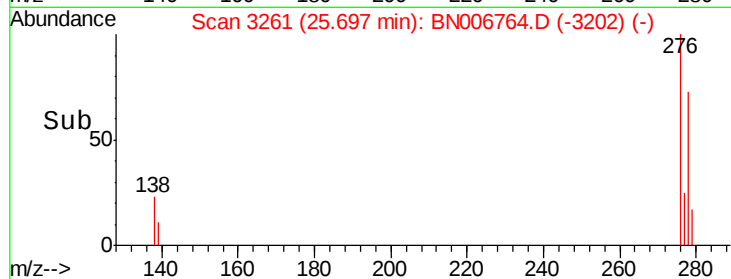
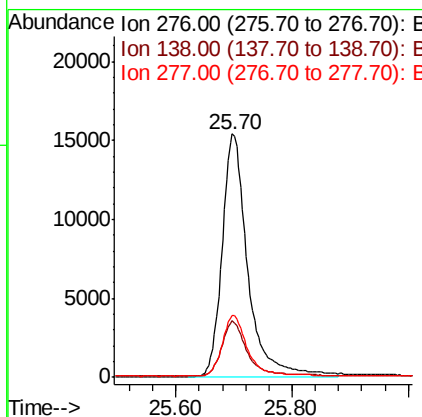
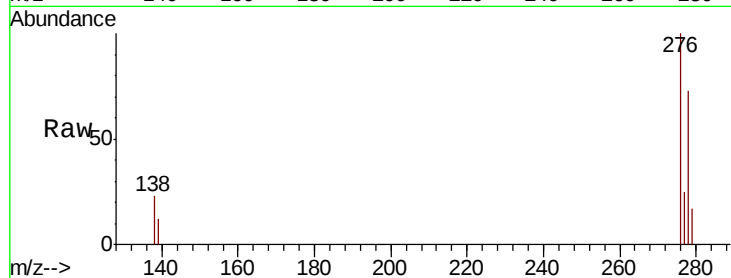




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.772 ng
 RT: 25.70 min Scan# 3261
 Delta R.T. 0.00 min
 Lab File: BN006764.D
 Acq: 09 Jul 2019 10:24

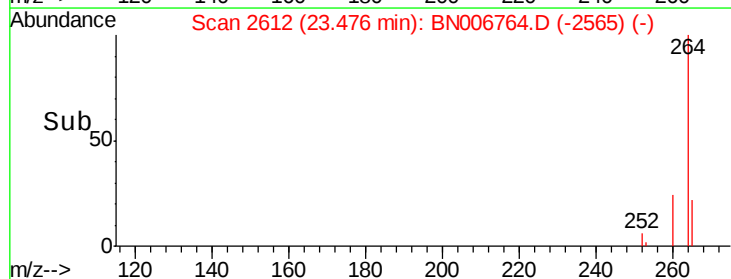
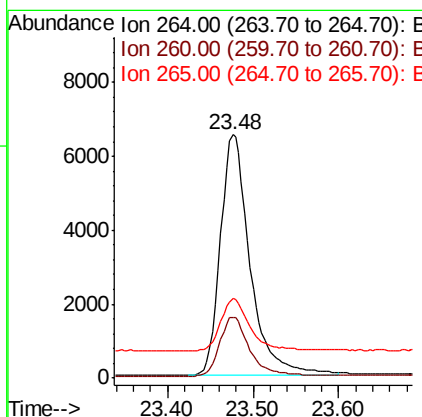
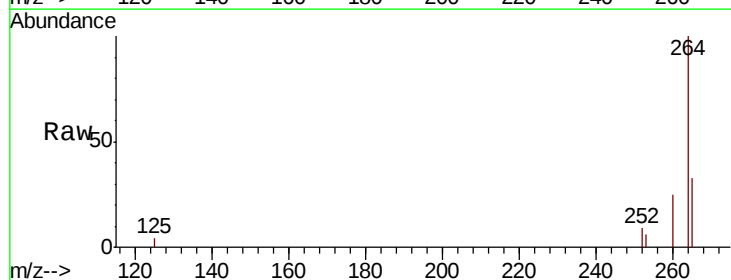
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

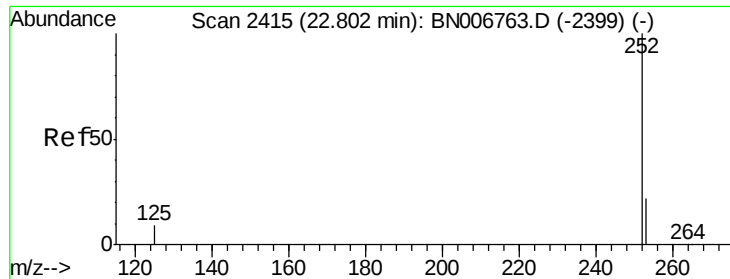
Tot Ion:276 Resp: 46944
 Ion Ratio Lower Upper
 276 100
 138 22.6 17.9 26.9
 277 24.8 19.8 29.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BN006764.D
 Acq: 09 Jul 2019 10:24

Tgt Ion:264 Resp: 15847
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.4
 265 32.5 24.6 37.0

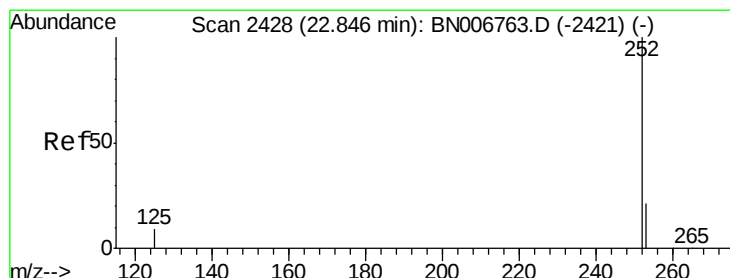
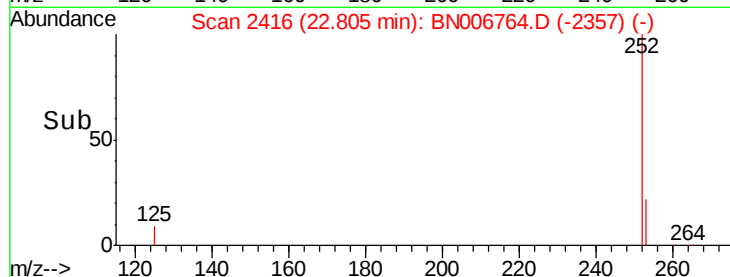
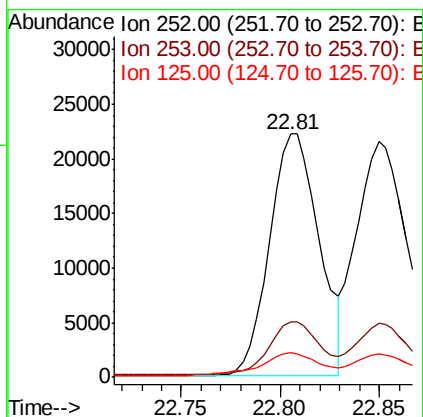
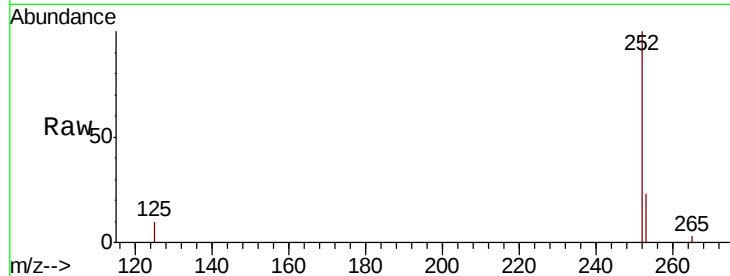




#35
Benzo(b)fluoranthene
Concen: 0.758 ng
RT: 22.81 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

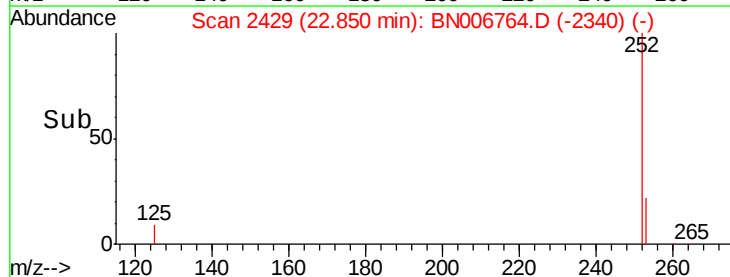
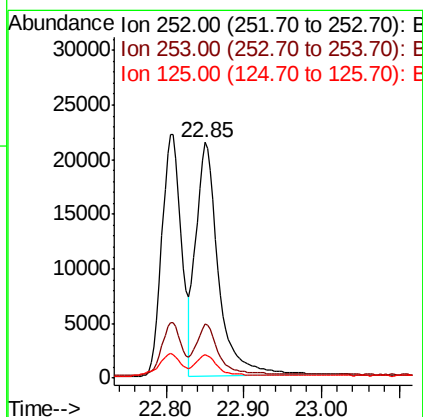
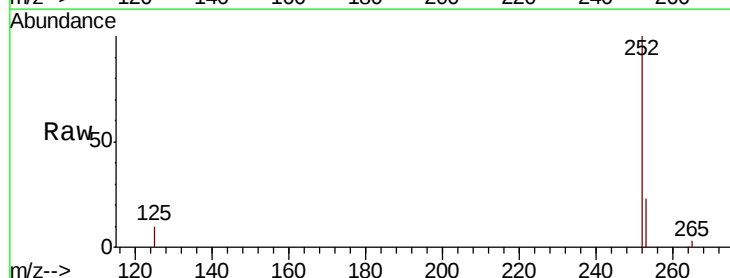
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

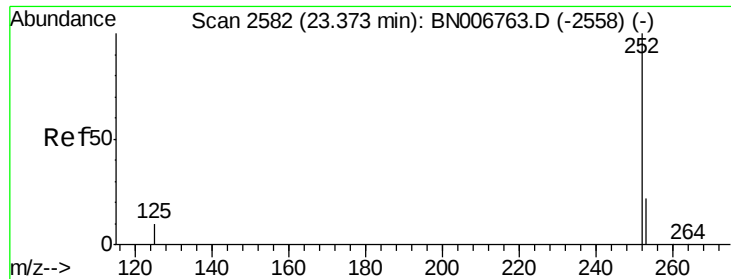
Tot Ion:252 Resp: 38536
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 10.0 8.5 12.7



#36
Benzo(k)fluoranthene
Concen: 0.785 ng
RT: 22.85 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BN006764.D
Acq: 09 Jul 2019 10:24

Tgt Ion:252 Resp: 43320
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 10.0 8.4 12.6





#37

Benzo(a)pyrene

Concen: 0.760 ng

RT: 23.38 min Scan# 2584

Delta R.T. 0.01 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

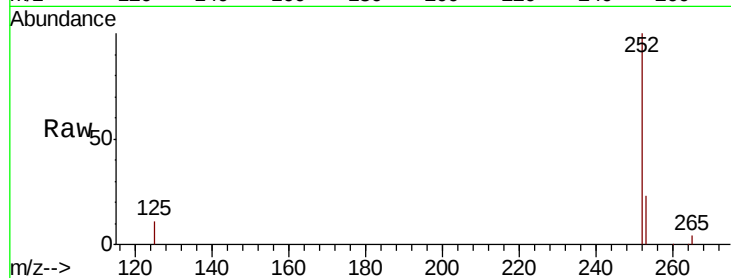
Tot Ion:252 Resp: 37454

Ion Ratio Lower Upper

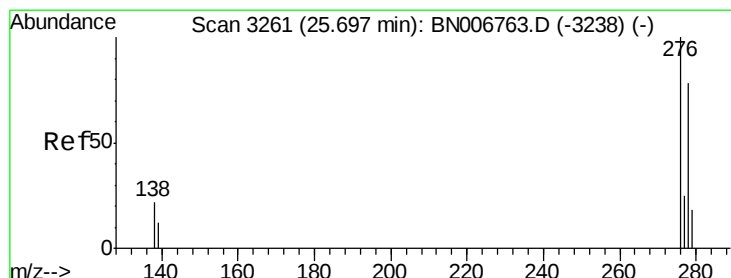
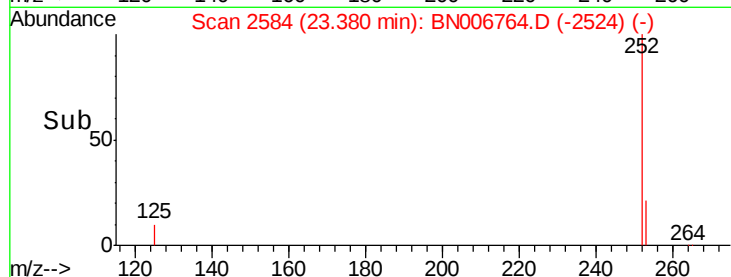
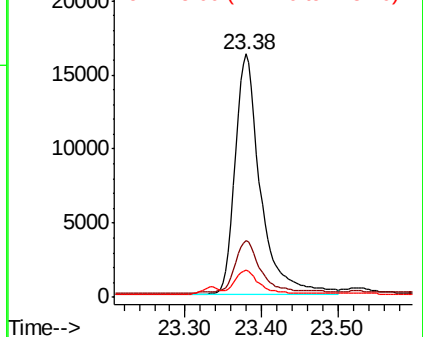
252 100

253 23.2 19.5 29.3

125 11.1 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: 0.769 ng

RT: 25.70 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

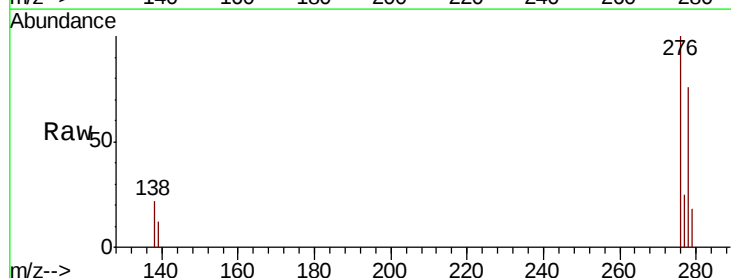
Tgt Ion:278 Resp: 37627

Ion Ratio Lower Upper

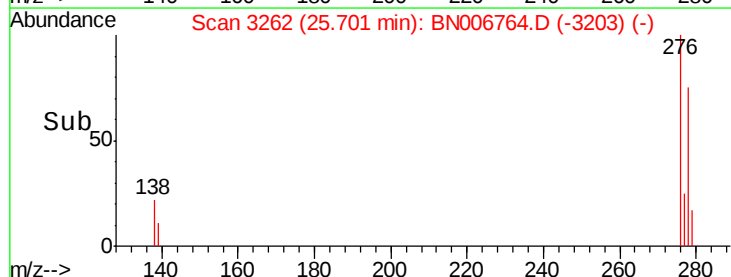
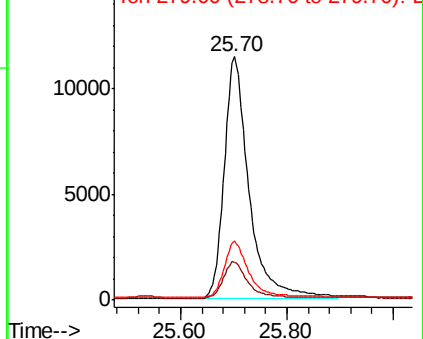
278 100

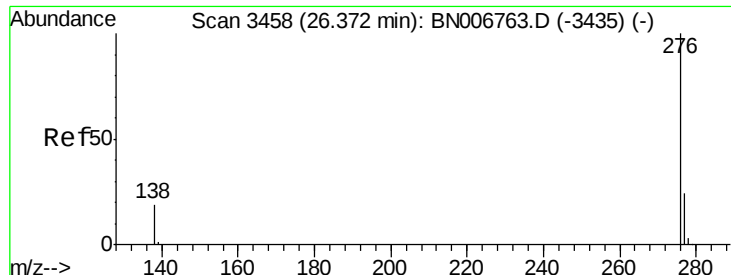
139 15.3 13.1 19.7

279 24.1 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: 0.781 ng

RT: 26.38 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BN006764.D

Acq: 09 Jul 2019 10:24

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

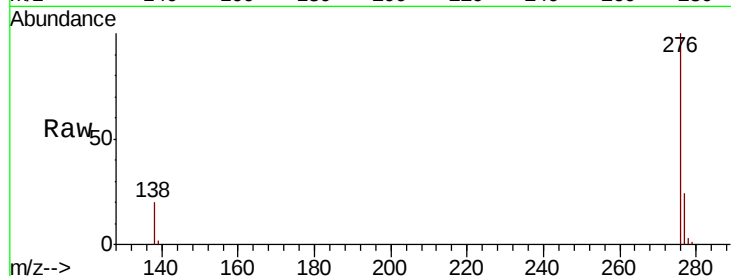
Tot Ion:276 Resp: 39356

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 20.4 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

