

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
 Data File : BN006761.D
 Acq On : 09 Jul 2019 08:41
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 09 12:31:08 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	7.60	152	2476	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	9425	0.40	ng	0.01
13) Acenaphthene-d10	14.24	164	5940	0.40	ng	0.00
19) Phenanthrene-d10	17.01	188	13599	0.40	ng	0.01
27) Chrysene-d12	21.24	240	13846	0.40	ng	0.00
34) Perylene-d12	23.47	264	16240	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	445	0.07	ng	0.04
5) Phenol-d6	6.88	99	180	0.02	ng	0.06
8) Nitrobenzene-d5	8.75	82	16	0.00	ng	-0.03
11) 2-Methylnaphthalene-d10	12.00	152	1319	0.09	ng	0.02
14) 2,4,6-Tribromophenol	15.79	330	215	0.07	ng	0.02
15) 2-Fluorobiphenyl	12.88	172	1968	0.08	ng	0.02
25) Fluoranthene-d10	19.06	212	4006	0.10	ng	0.00
29) Terphenyl-d14	19.67	244	2970	0.09	ng	0.00

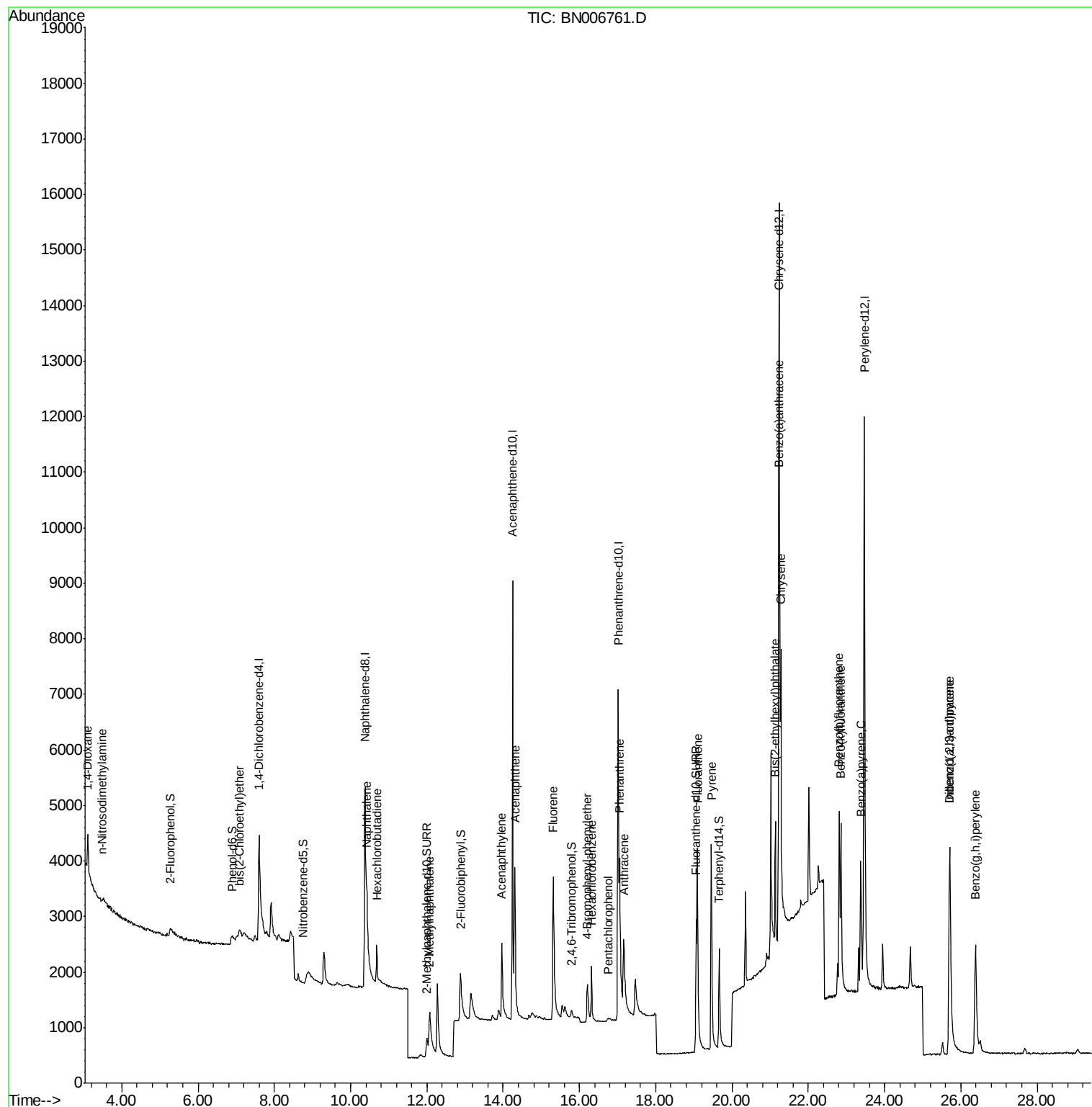
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	527	0.136	ng	# 90
3) n-Nitrosodimethylamine	3.50	42	83	0.028	ng	# 1
6) bis(2-Chloroethyl)ether	7.09	93	1103	0.153	ng	# 56
9) Naphthalene	10.43	128	2535	0.098	ng	# 84
10) Hexachlorobutadiene	10.68	225	604	0.116	ng	# 99
12) 2-Methylnaphthalene	12.07	142	1500	0.078	ng	# 92
16) Acenaphthylene	13.96	152	2522	0.085	ng	99
17) Acenaphthene	14.31	154	1805	0.096	ng	99
18) Fluorene	15.31	166	2125	0.091	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	667	0.083	ng	94
21) Hexachlorobenzene	16.32	284	997	0.105	ng	97
22) Pentachlorophenol	16.76	266	115	0.084	ng	# 77
23) Phenanthrene	17.06	178	3452	0.088	ng	99
24) Anthracene	17.16	178	2751	0.078	ng	98
26) Fluoranthene	19.09	202	4549	0.099	ng	99
28) Pyrene	19.46	202	4789	0.086	ng	99
30) Benzo(a)anthracene	21.23	228	4129	0.086	ng	96
31) Chrysene	21.28	228	4531	0.092	ng	97
32) Bis(2-ethylhexyl)phthalate	21.14	149	2270	0.016	ng	96
33) Indeno(1,2,3-cd)pyrene	25.71	276	5688	0.097	ng	99
35) Benzo(b)fluoranthene	22.81	252	4593	0.088	ng	# 82
36) Benzo(k)fluoranthene	22.85	252	5414	0.096	ng	# 81
37) Benzo(a)pyrene	23.38	252	4512	0.089	ng	# 75
38) Dibenzo(a,h)anthracene	25.71	278	4545	0.091	ng	# 87
39) Benzo(g,h,i)perylene	26.39	276	4979	0.096	ng	# 91

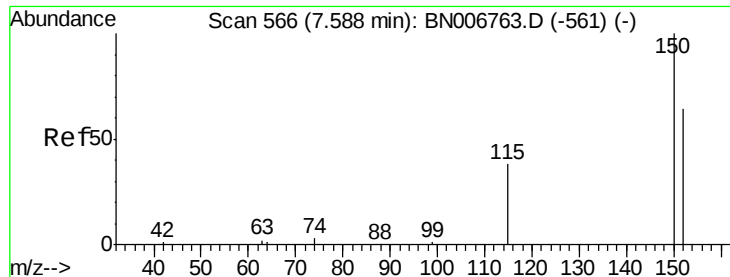
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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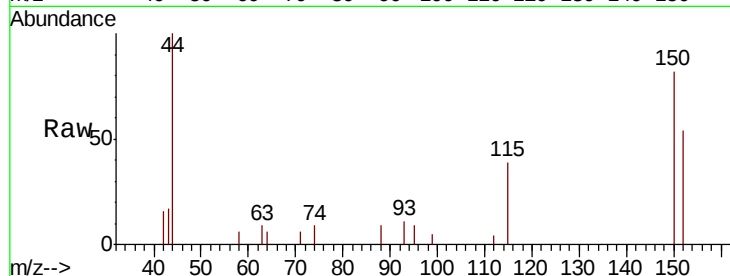


#1

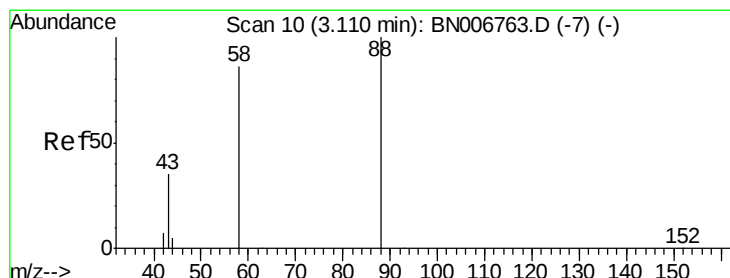
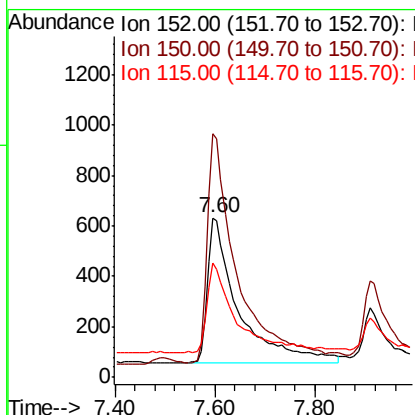
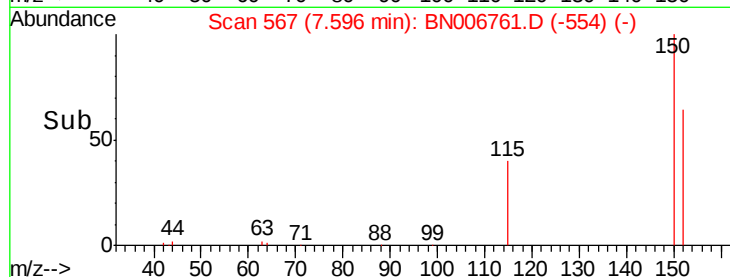
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. 0.01 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2476
Ion Ratio Lower Upper
152 100
150 152.9 123.6 185.4
115 71.9 52.5 78.7



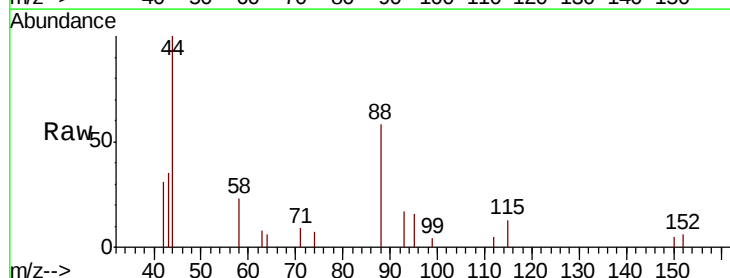
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



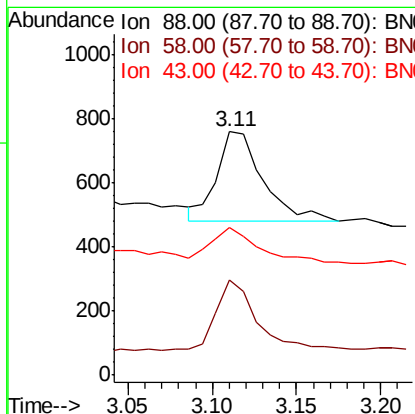
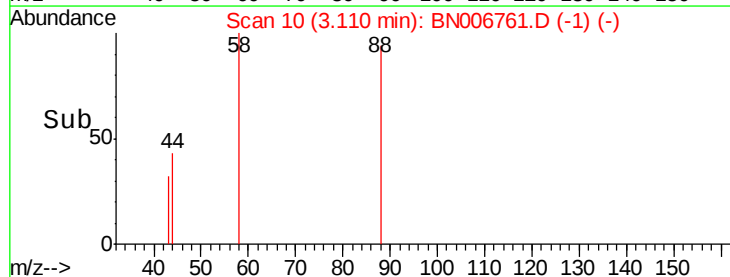
#2

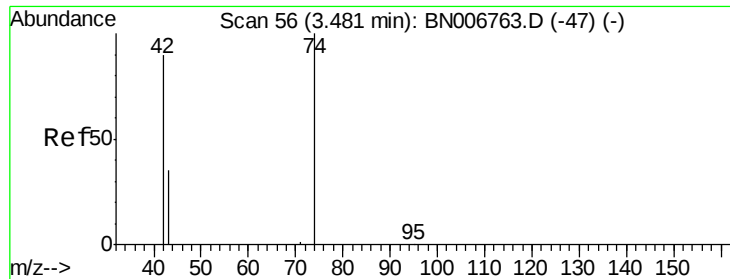
1,4-Dioxane
Concen: 0.136 ng
RT: 3.11 min Scan# 10
Delta R.T. -0.00 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

Tgt Ion: 88 Resp: 527
Ion Ratio Lower Upper
88 100
58 70.2 61.8 92.6
43 43.1 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: 0.028 ng

RT: 3.50 min Scan# 58

Delta R.T. 0.02 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampled :

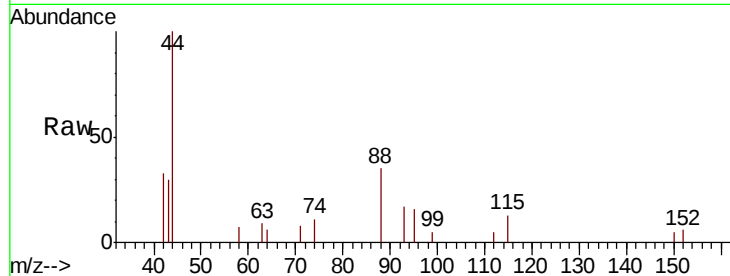
Tot Ion: 42 Resp: 83

Ion Ratio Lower Upper

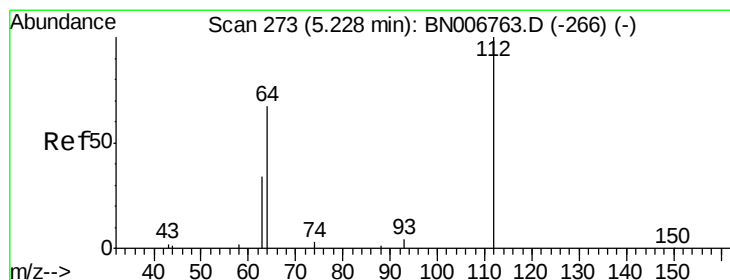
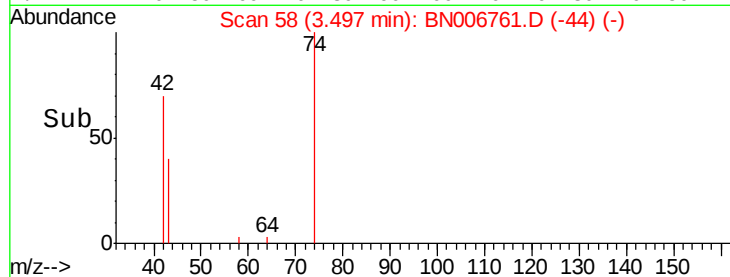
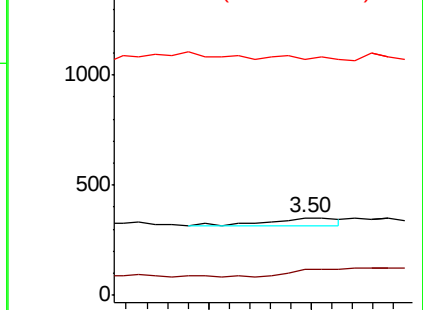
42 100

74 0.0 86.2 129.4#

44 44.6 7.0 10.6#



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



#4

2-Fluorophenol

Concen: 0.066 ng

RT: 5.27 min Scan# 278

Delta R.T. 0.04 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

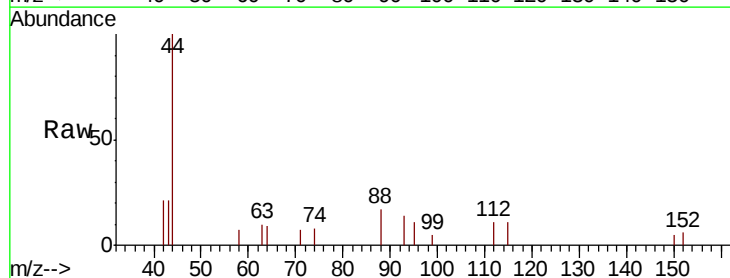
Tgt Ion: 112 Resp: 445

Ion Ratio Lower Upper

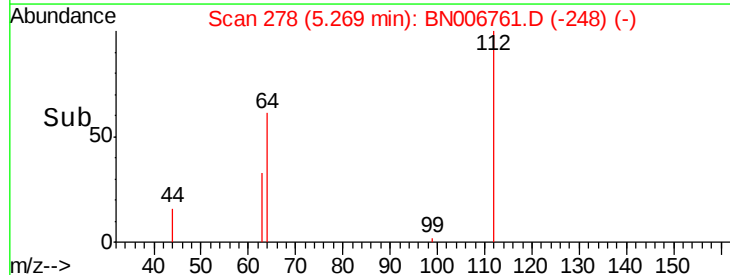
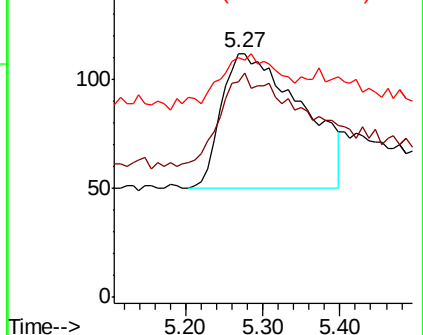
112 100

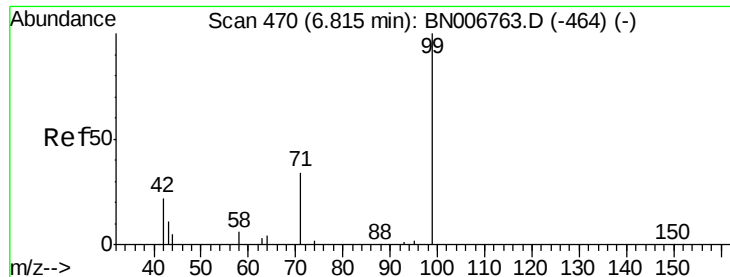
64 71.0 52.7 79.1

63 31.9 27.7 41.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.021 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.06 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampled :

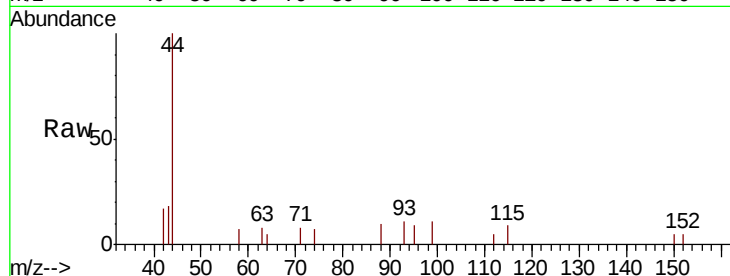
Tot Ion: 99 Resp: 180

Ion Ratio Lower Upper

99 100

42 0.0 17.0 25.6#

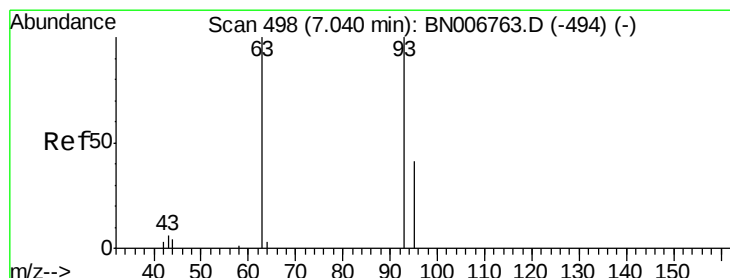
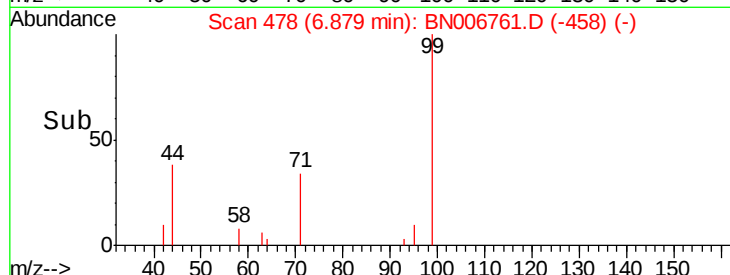
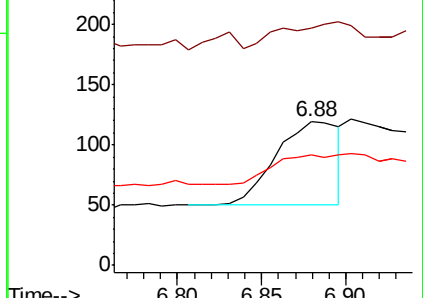
71 0.0 29.1 43.7#



Abundance Ion 99.00 (98.70 to 99.70): BN006761.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006761.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006761.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.153 ng

RT: 7.09 min Scan# 504

Delta R.T. 0.05 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

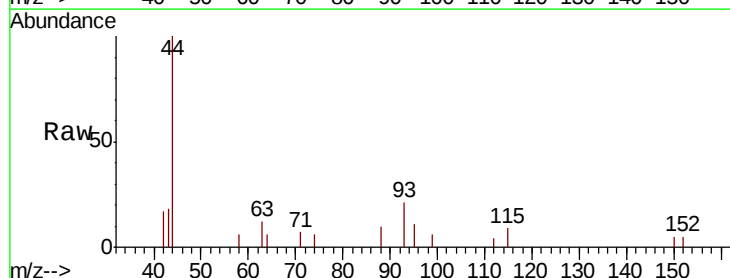
Tgt Ion: 93 Resp: 1103

Ion Ratio Lower Upper

93 100

63 26.0 48.6 73.0#

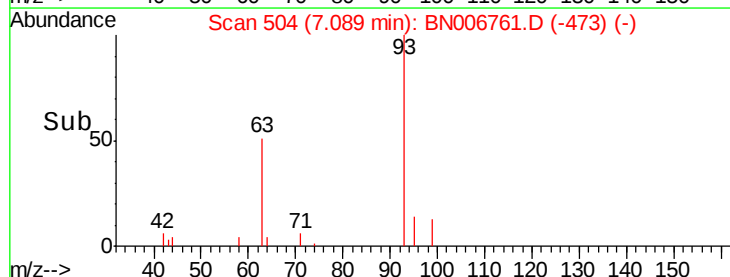
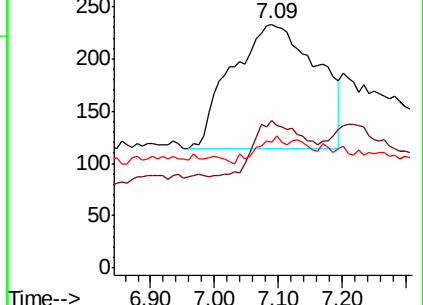
95 7.0 22.9 34.3#

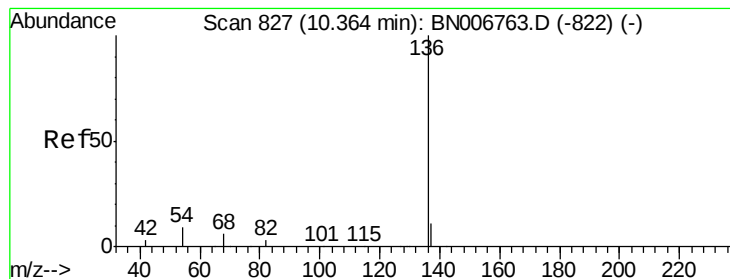


Abundance Ion 93.00 (92.70 to 93.70): BN006761.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN006761.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN006761.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 9425

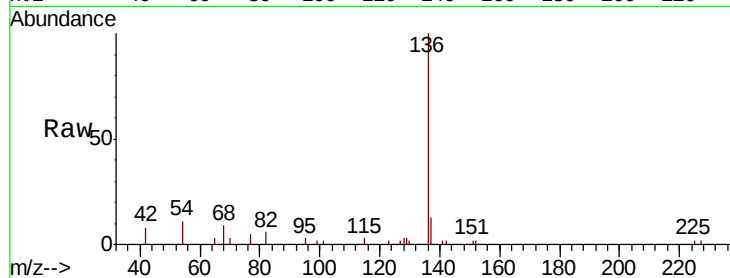
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 11.0 8.4 12.6

68 8.8 6.4 9.6

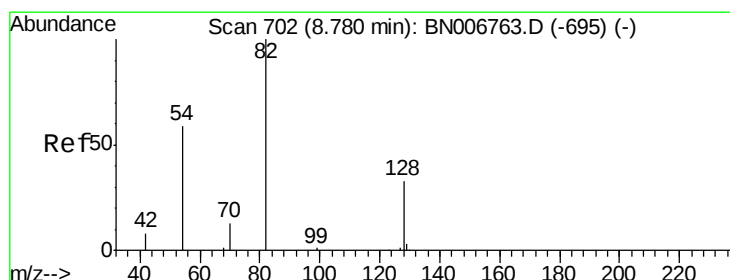
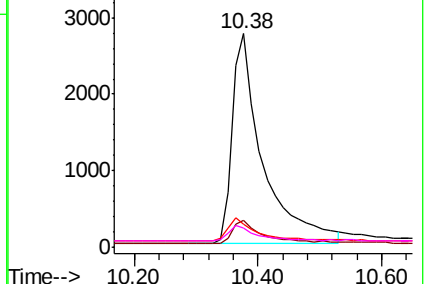
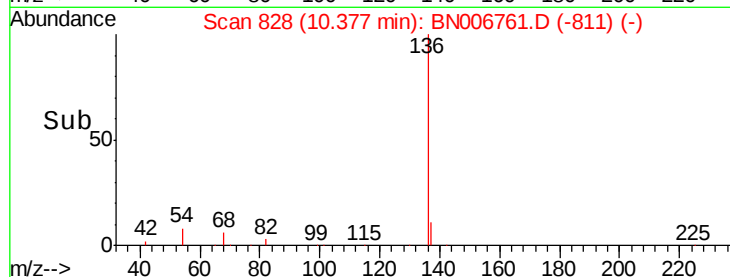


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.002 ng

RT: 8.75 min Scan# 700

Delta R.T. -0.03 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

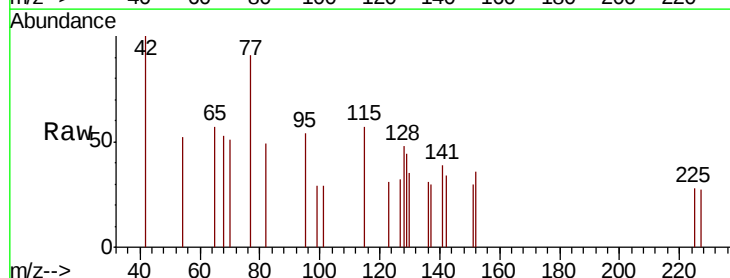
Tgt Ion: 82 Resp: 16

Ion Ratio Lower Upper

82 100

128 97.6 33.0 49.6#

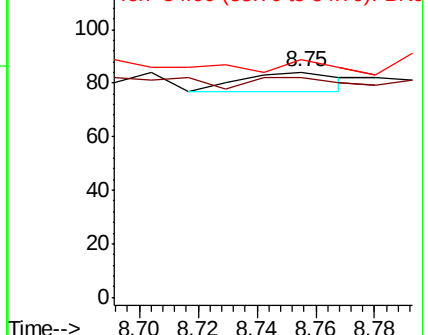
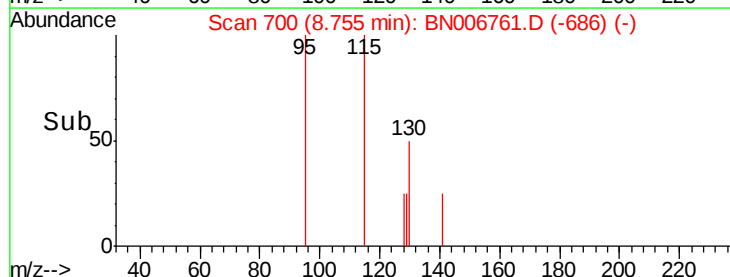
54 106.0 52.2 78.2#

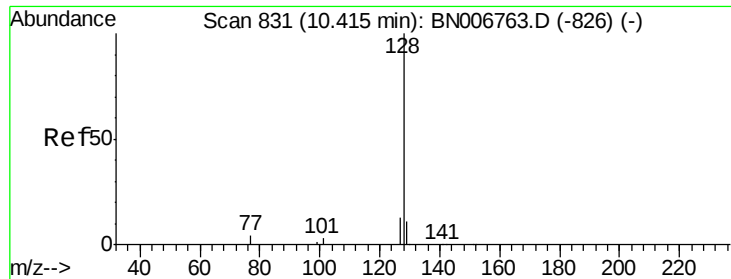


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.098 ng

RT: 10.43 min Scan# 832

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :

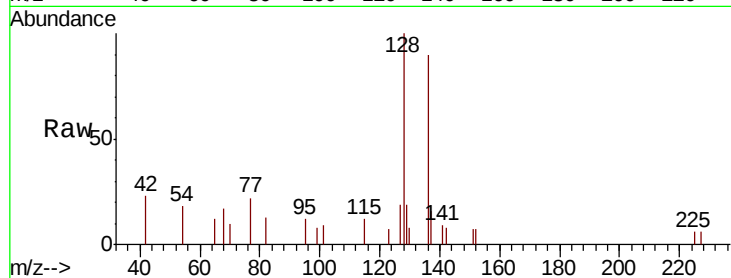
Tot Ion:128 Resp: 2535

Ion Ratio Lower Upper

128 100

129 19.4 9.6 14.4#

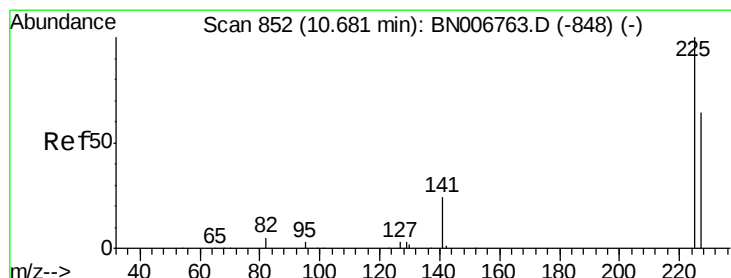
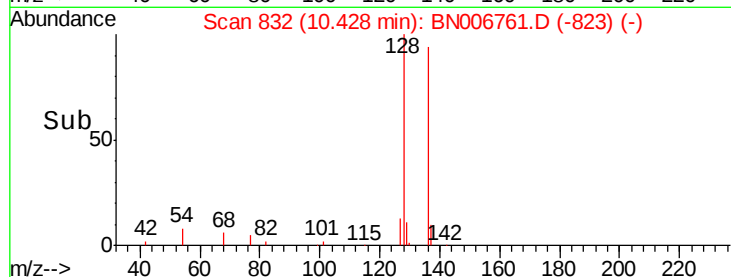
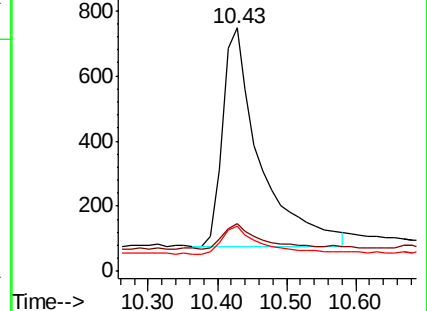
127 18.9 11.0 16.4#



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: 0.116 ng

RT: 10.68 min Scan# 852

Delta R.T. -0.00 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

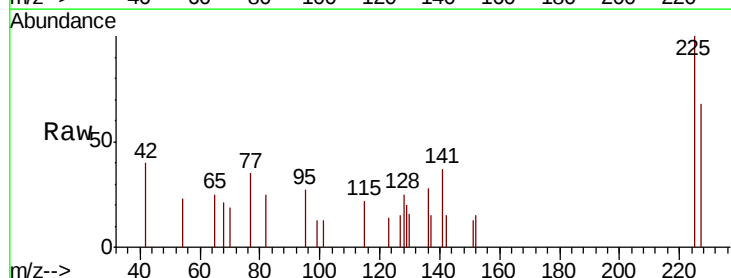
Tgt Ion:225 Resp: 604

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

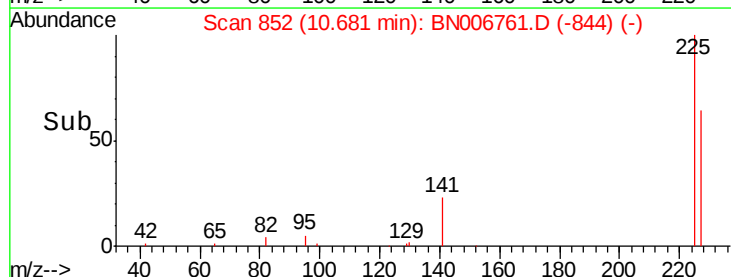
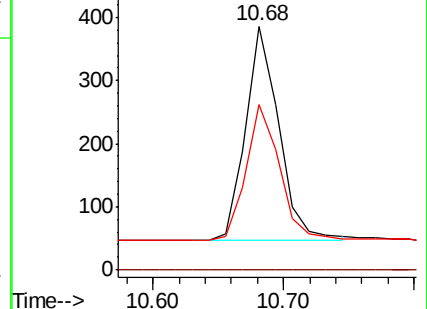
227 64.2 50.8 76.2

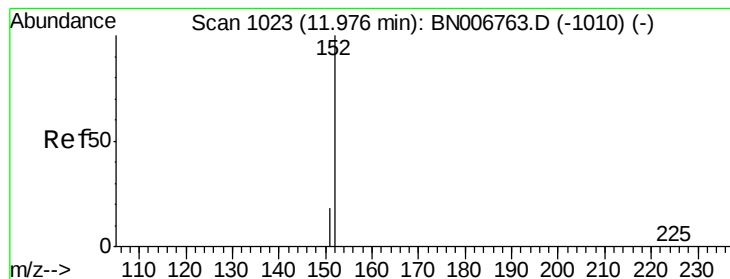


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

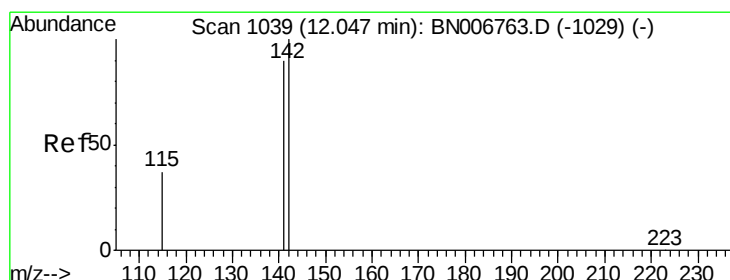
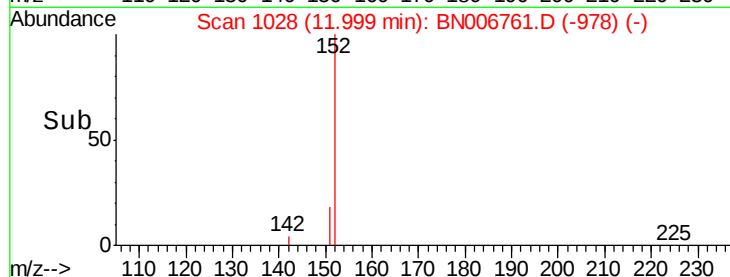
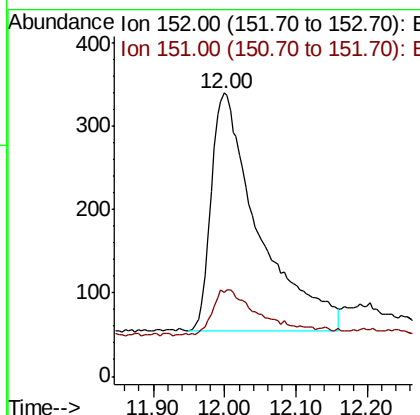
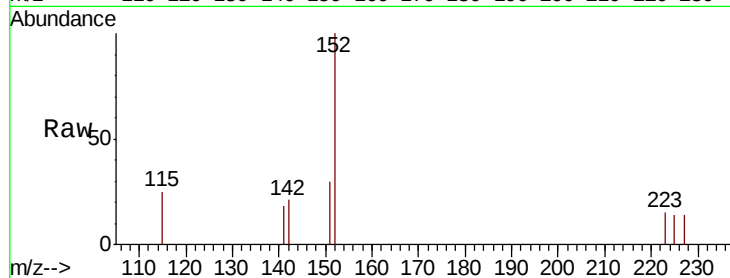




#11
2-Methylnaphthalene-d10
Concen: 0.093 ng
RT: 12.00 min Scan# 1028
Delta R.T. 0.02 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

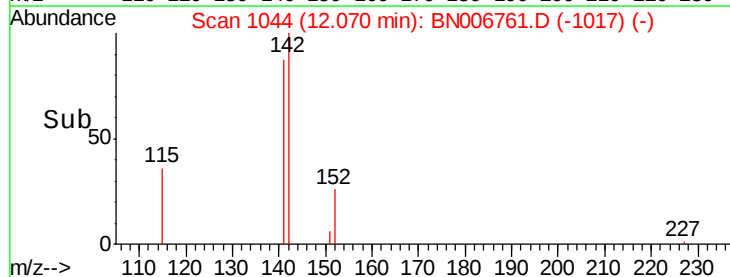
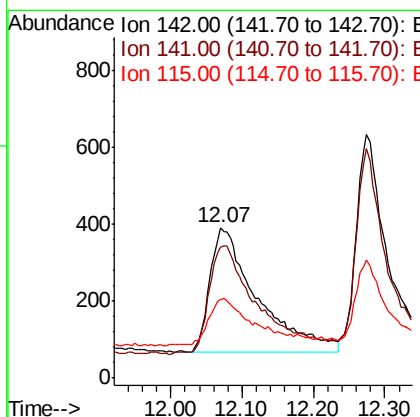
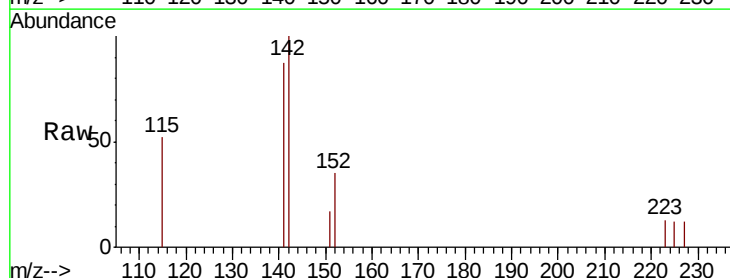
Instrument :
BNA_N
ClientSampleId :

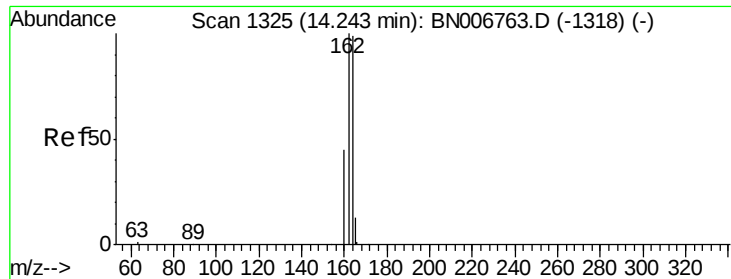
Tot Ion:152 Resp: 1319
Ion Ratio Lower Upper
152 100
151 18.6 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.078 ng
RT: 12.07 min Scan# 1044
Delta R.T. 0.02 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

Tgt Ion:142 Resp: 1500
Ion Ratio Lower Upper
142 100
141 87.2 71.7 107.5
115 52.4 31.2 46.8#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :

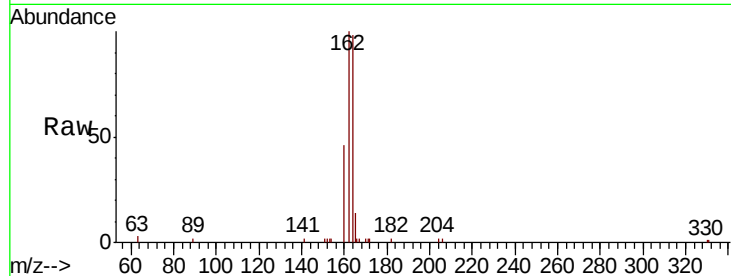
Tot Ion:164 Resp: 5940

Ion Ratio Lower Upper

164 100

162 102.1 81.0 121.4

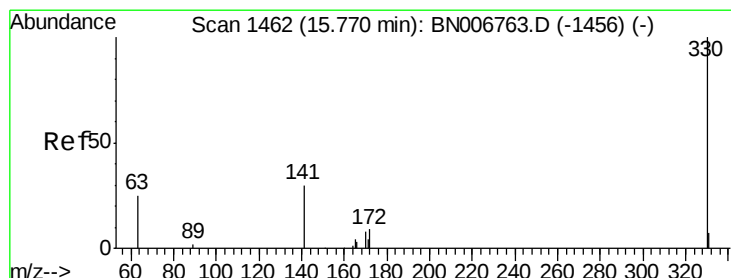
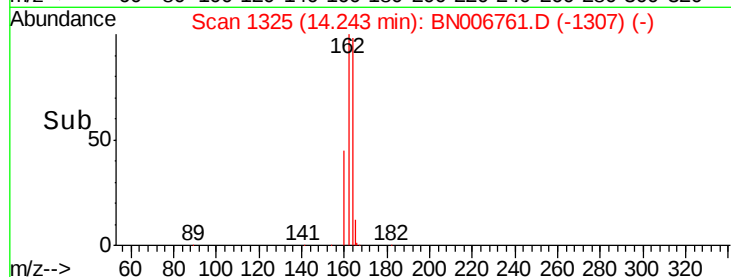
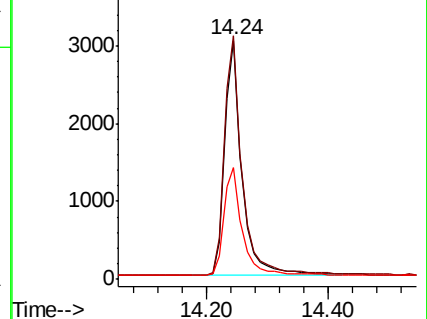
160 46.8 37.4 56.0



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: 0.074 ng

RT: 15.79 min Scan# 1464

Delta R.T. 0.02 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

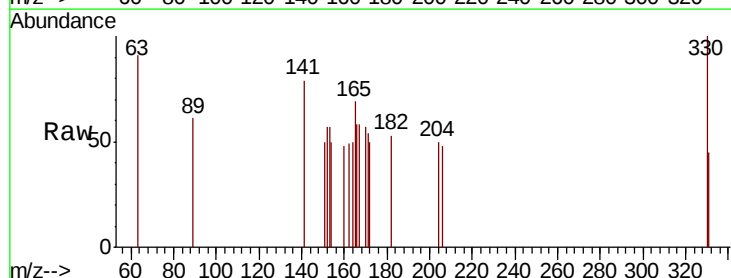
Tgt Ion:330 Resp: 215

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

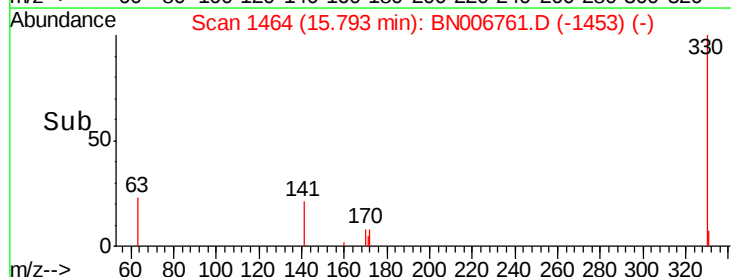
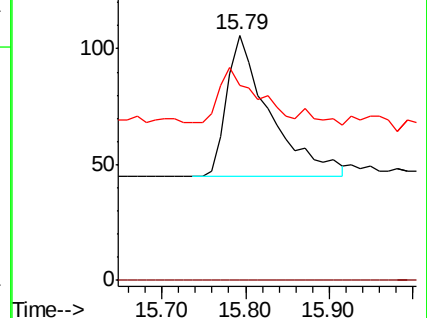
141 34.0 26.6 39.8

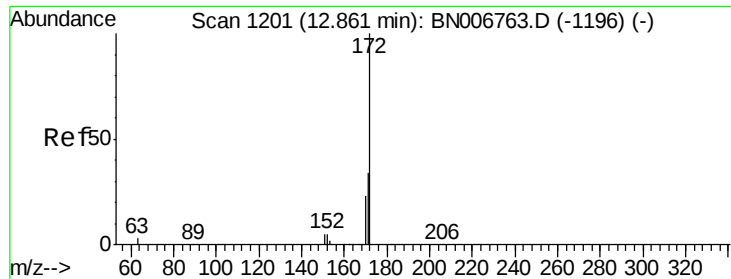


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

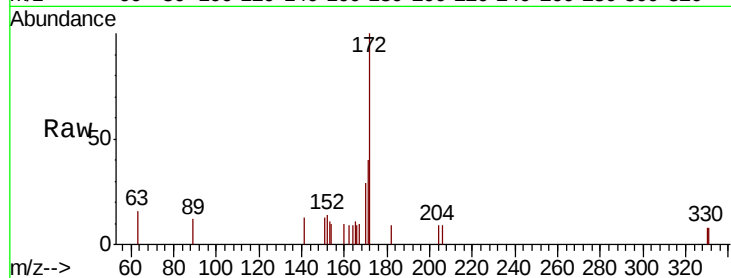




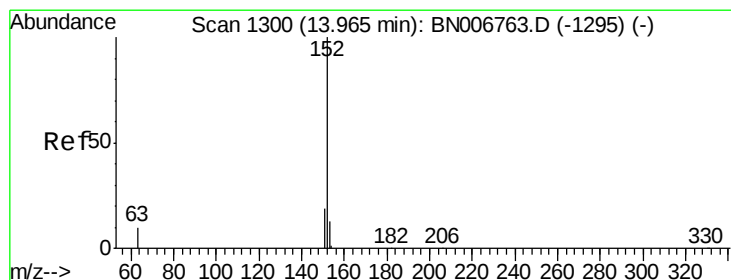
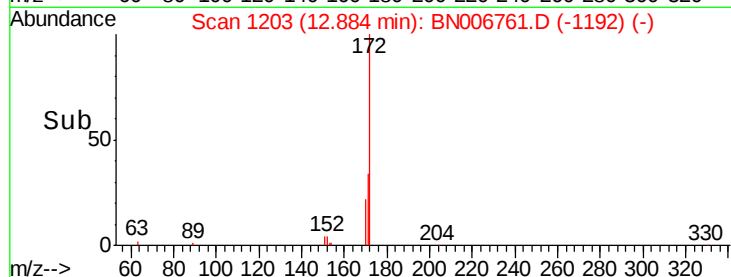
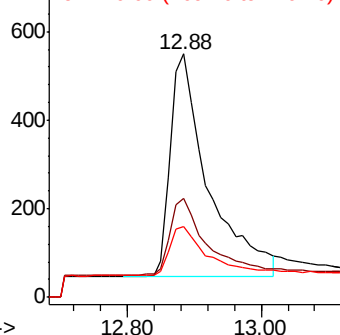
#15
2-Fluorobiphenyl
Concen: 0.085 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 1968
Ion Ratio Lower Upper
172 100
171 40.4 27.8 41.6
170 28.9 19.0 28.6#

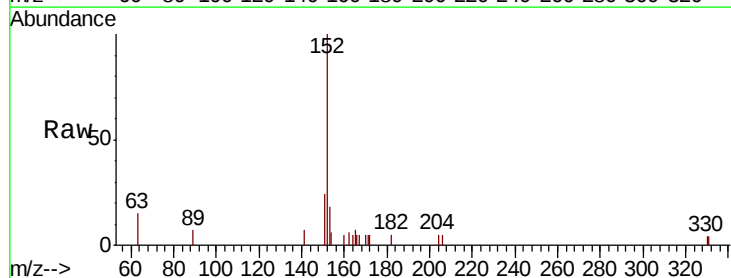


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

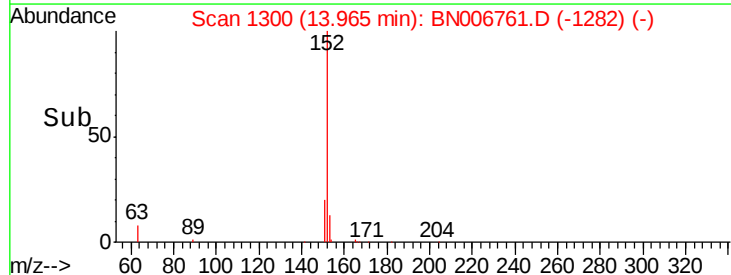
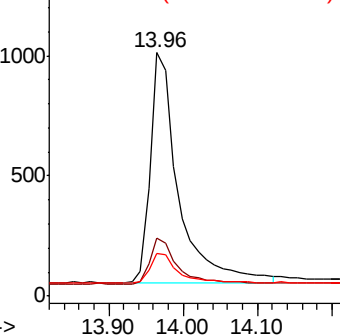


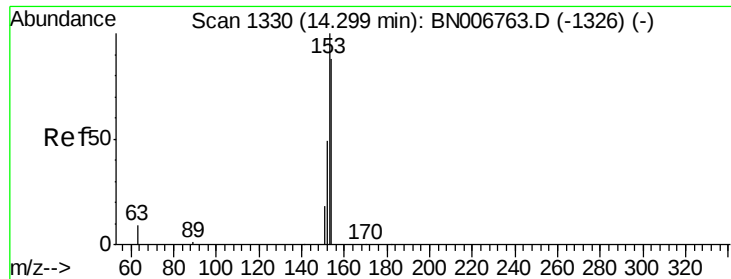
#16
Acenaphthylene
Concen: 0.085 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

Tgt Ion:152 Resp: 2522
Ion Ratio Lower Upper
152 100
151 18.9 15.8 23.8
153 13.2 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: 0.096 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampled :

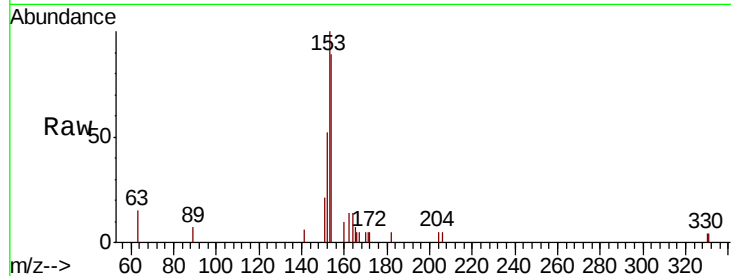
Tot Ion:154 Resp: 1805

Ion Ratio Lower Upper

154 100

153 114.5 90.8 136.2

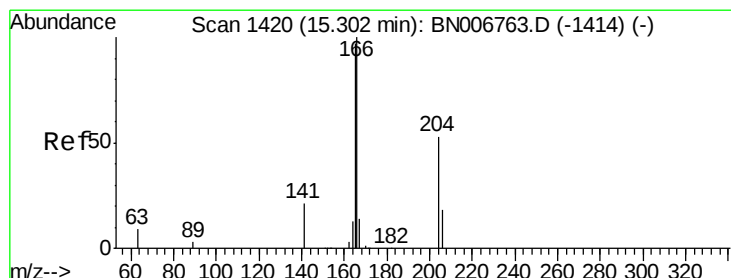
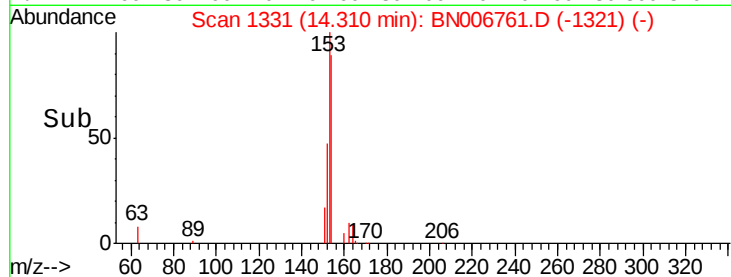
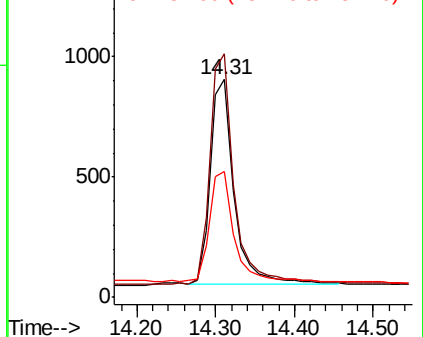
152 55.4 44.9 67.3



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: 0.091 ng

RT: 15.31 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

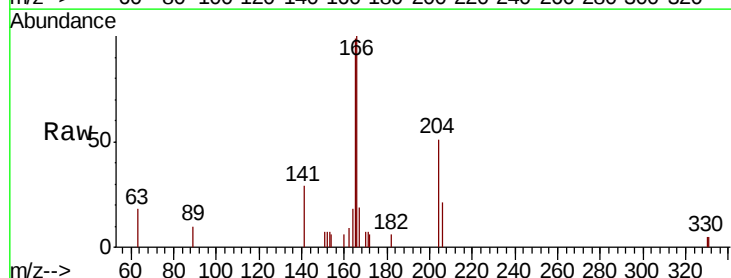
Tgt Ion:166 Resp: 2125

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

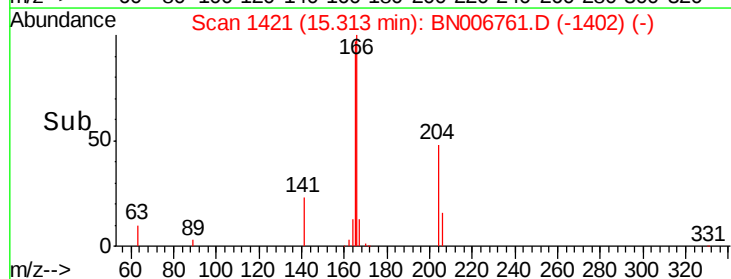
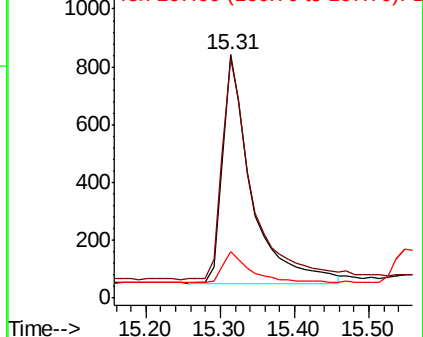
167 12.7 10.9 16.3

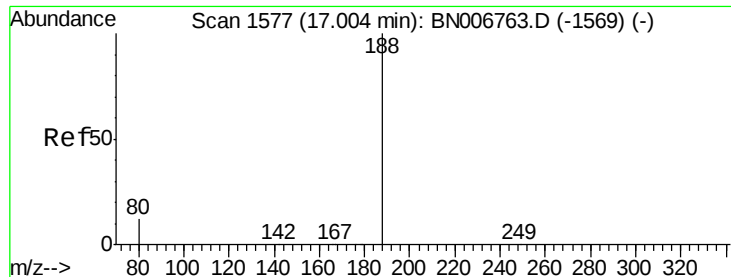


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.01 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :

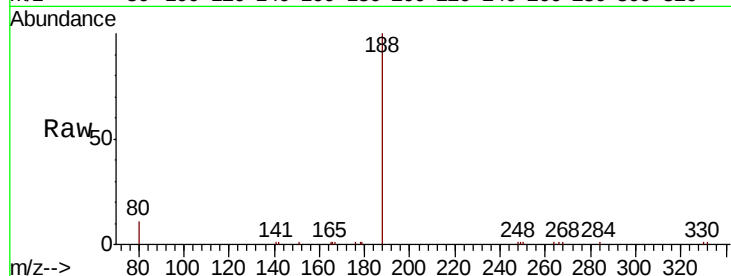
Tot Ion:188 Resp: 13599

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

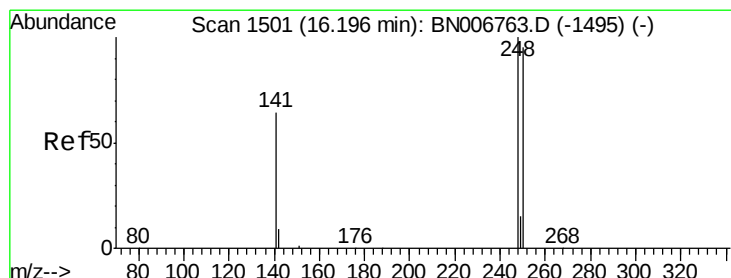
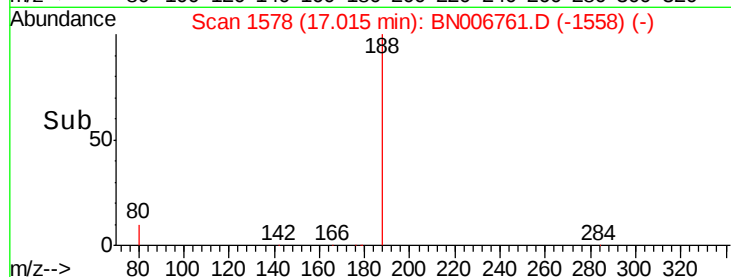
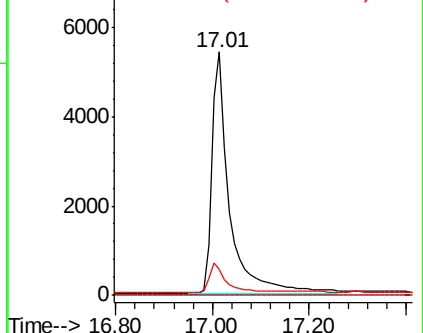
80 10.9 10.1 15.1



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: 0.083 ng

RT: 16.21 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

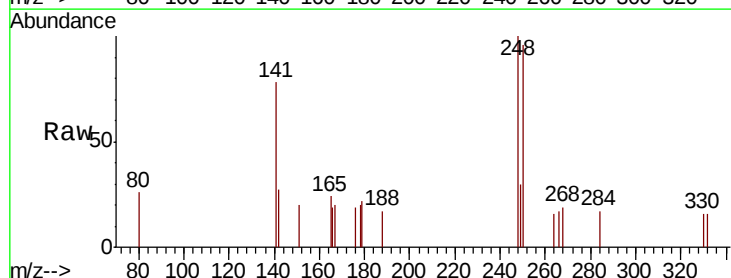
Tgt Ion:248 Resp: 667

Ion Ratio Lower Upper

248 100

250 95.8 76.5 114.7

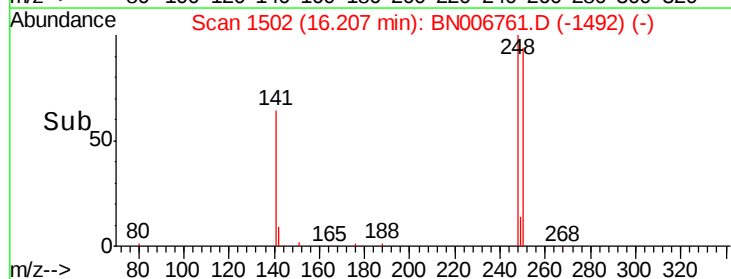
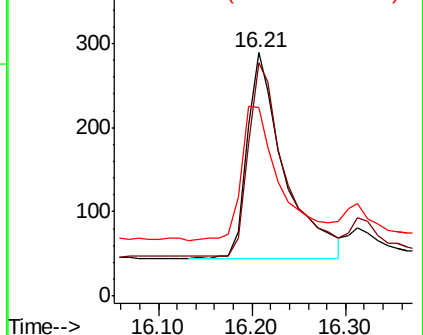
141 77.5 53.2 79.8

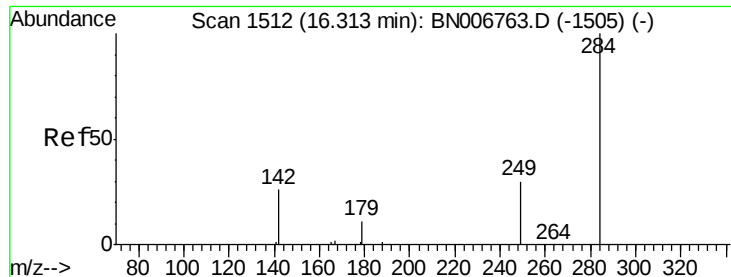


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.105 ng

RT: 16.32 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :

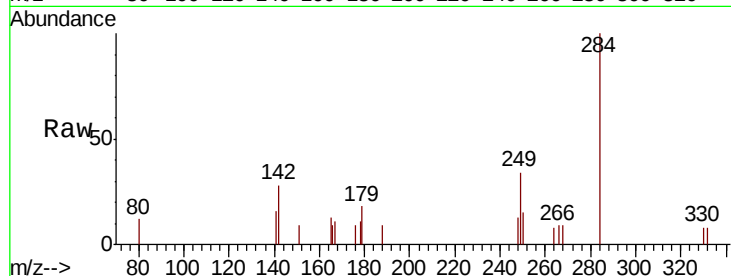
Tot Ion:284 Resp: 997

Ion Ratio Lower Upper

284 100

142 32.5 27.0 40.4

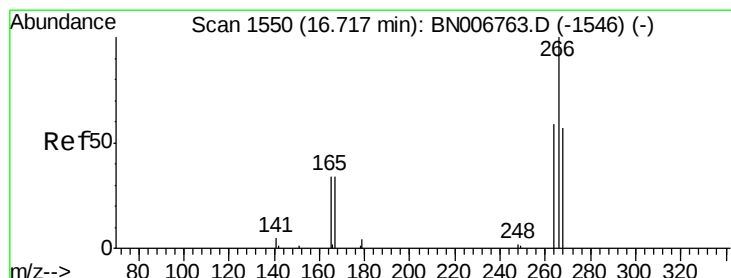
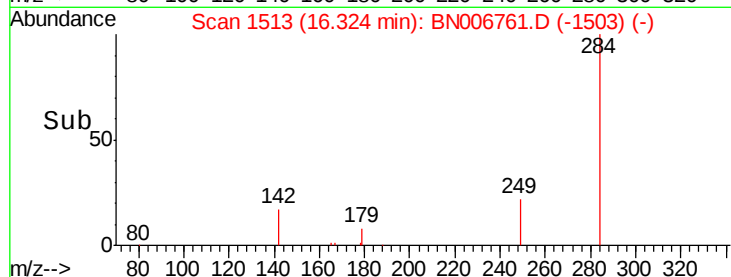
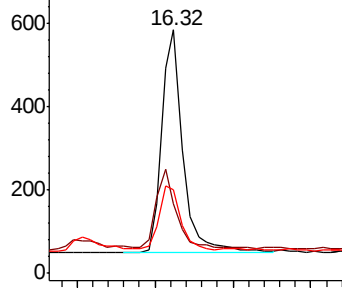
249 28.5 24.3 36.5



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: 0.084 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.04 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

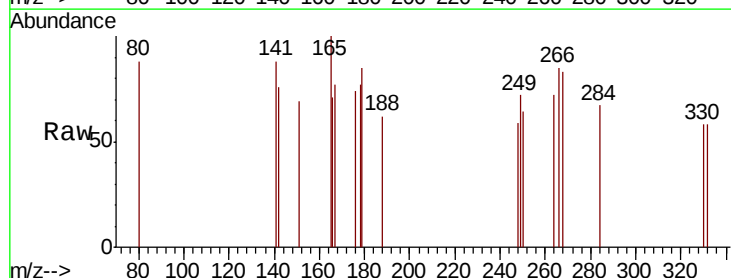
Tgt Ion:266 Resp: 115

Ion Ratio Lower Upper

266 100

264 84.8 56.2 84.4#

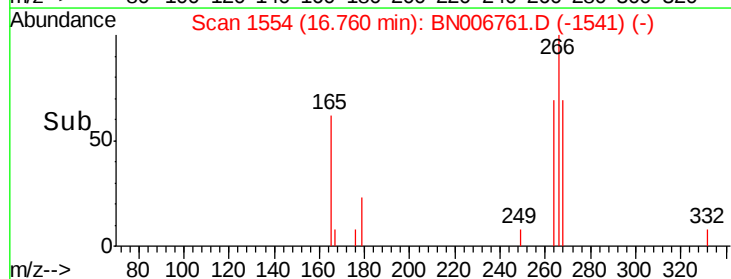
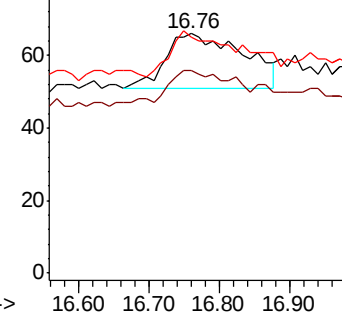
268 98.5 60.2 90.2#

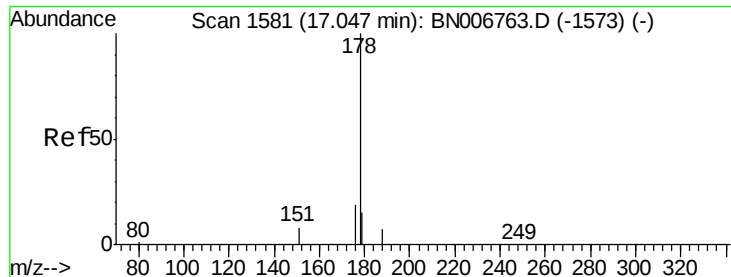


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.088 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :

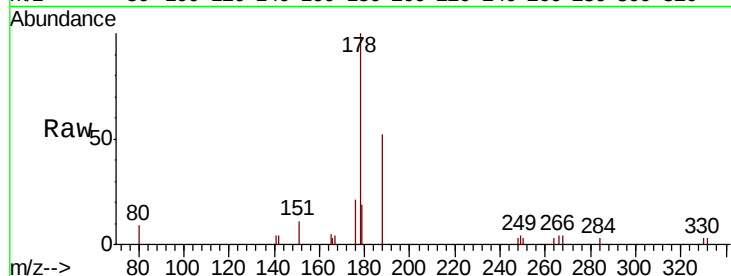
Tot Ion:178 Resp: 3452

Ion Ratio Lower Upper

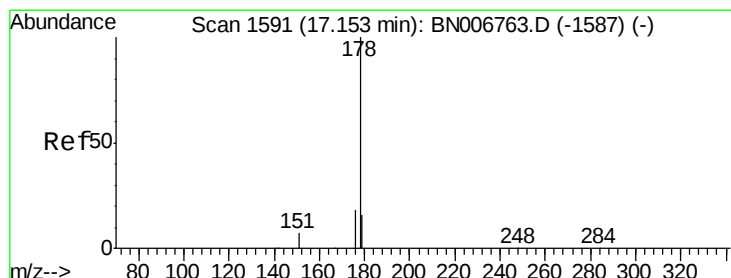
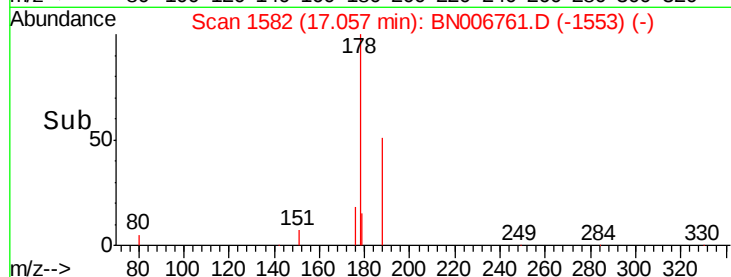
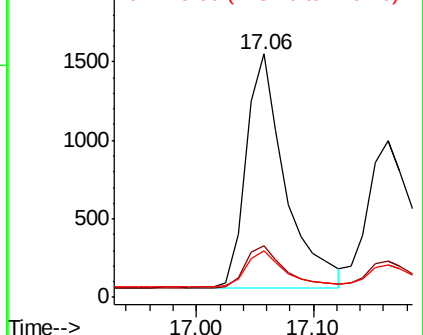
178 100

176 19.2 15.4 23.0

179 15.9 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: 0.078 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

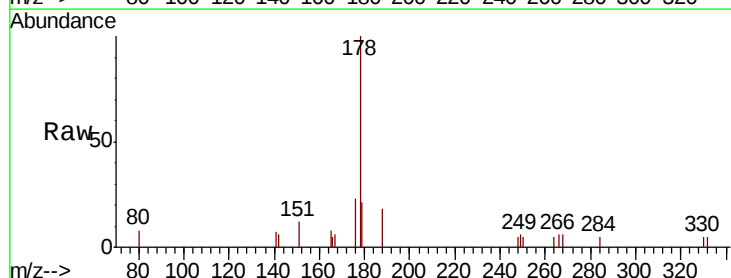
Tgt Ion:178 Resp: 2751

Ion Ratio Lower Upper

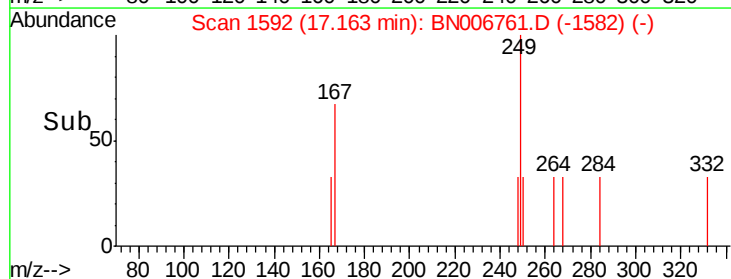
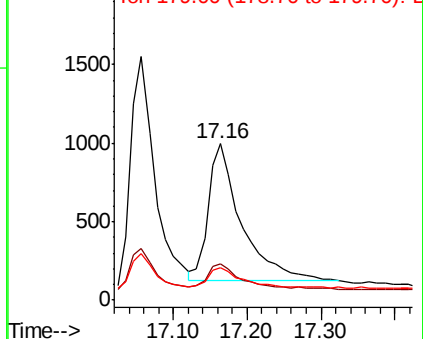
178 100

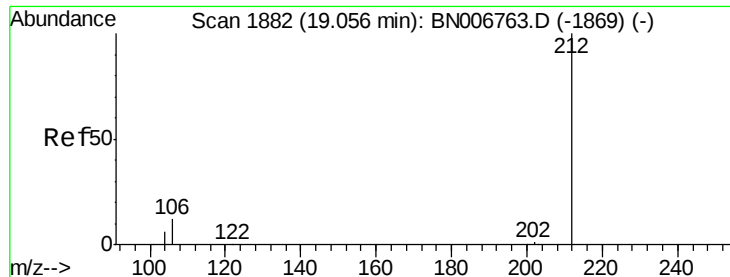
176 18.6 14.6 22.0

179 13.6 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

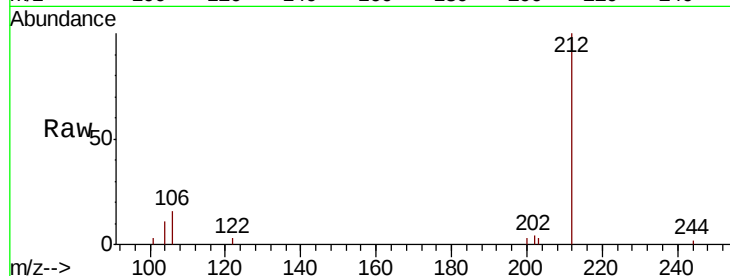




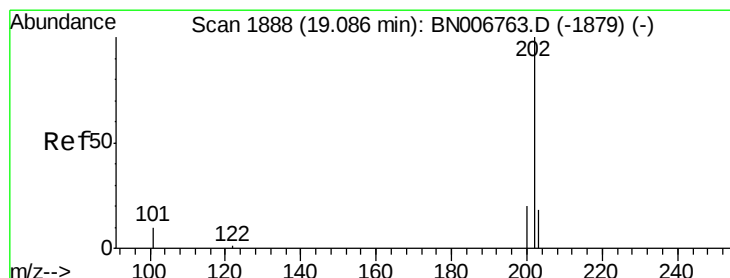
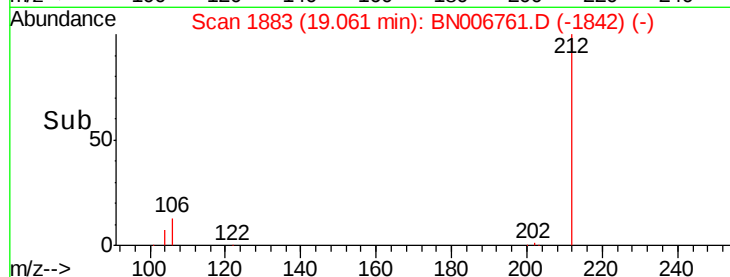
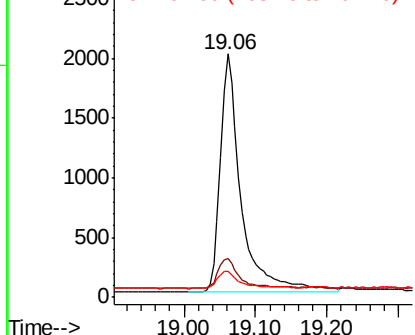
#25
 Fluoranthene-d10
 Concen: 0.103 ng
 RT: 19.06 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BN006761.D
 Acq: 09 Jul 2019 08:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 4006
 Ion Ratio Lower Upper
 212 100
 106 12.8 10.5 15.7
 104 7.5 5.9 8.9

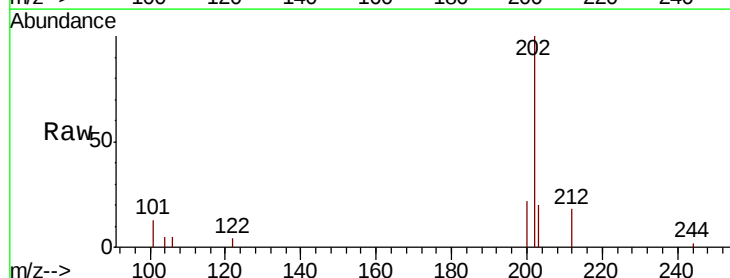


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

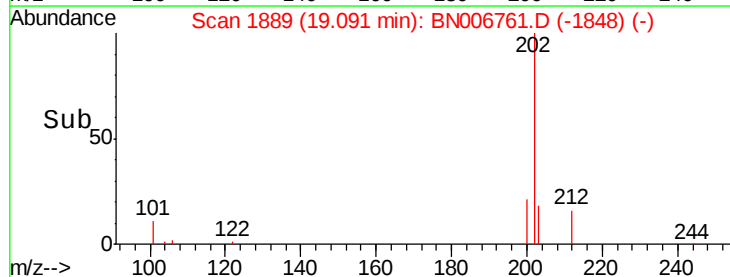
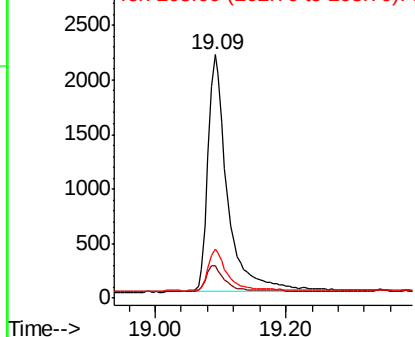


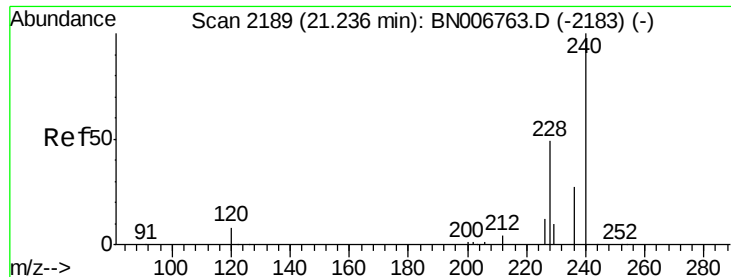
#26
 Fluoranthene
 Concen: 0.099 ng
 RT: 19.09 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: BN006761.D
 Acq: 09 Jul 2019 08:41

Tgt Ion:202 Resp: 4549
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.8 13.2
 203 16.9 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

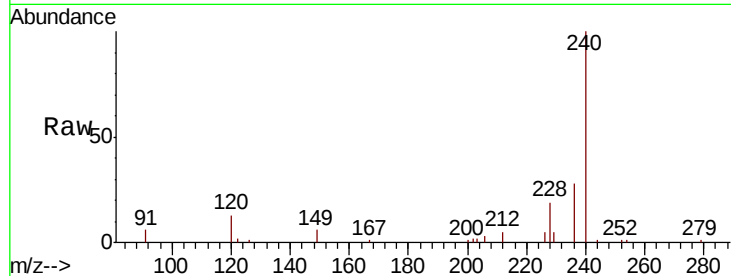




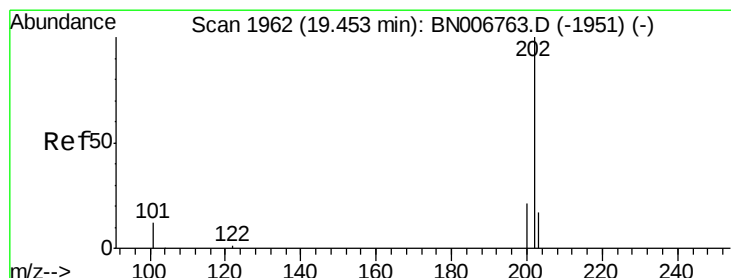
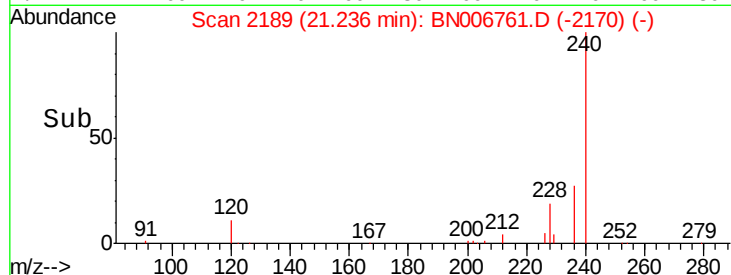
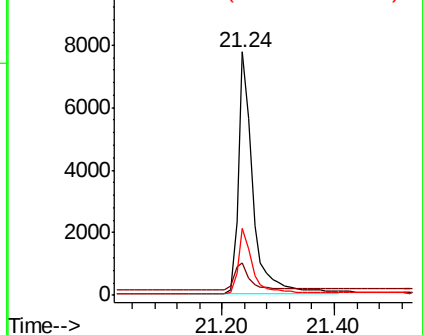
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 13846
Ion Ratio Lower Upper
240 100
120 13.3 8.1 12.1#
236 27.6 21.8 32.6

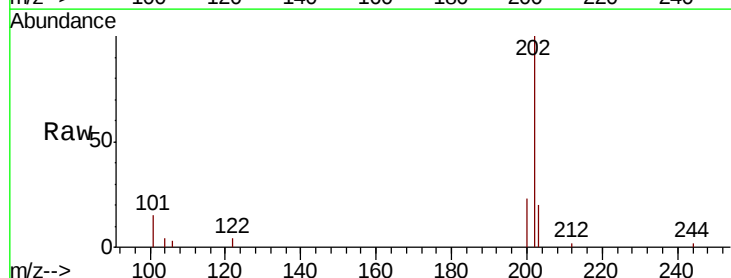


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

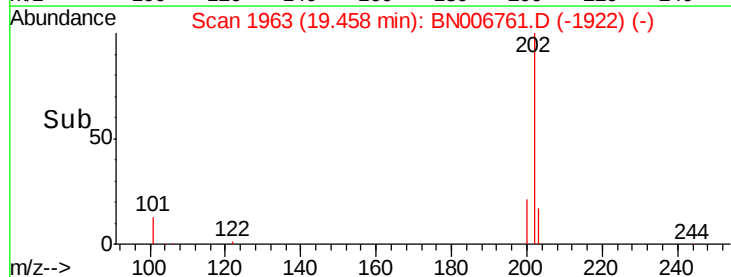
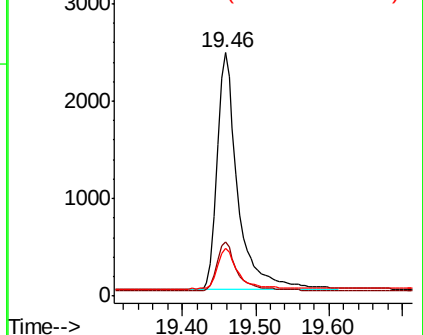


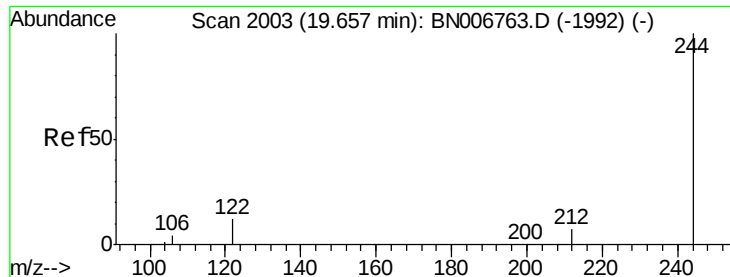
#28
Pyrene
Concen: 0.086 ng
RT: 19.46 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

Tgt Ion:202 Resp: 4789
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.093 ng

RT: 19.67 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :

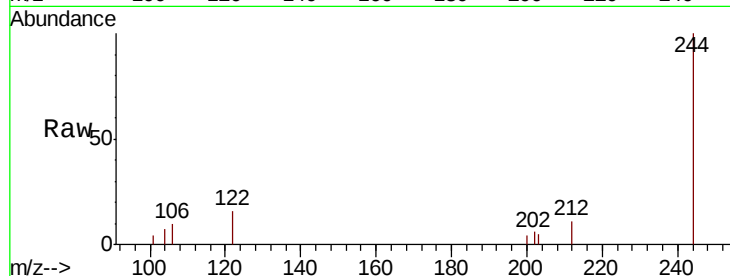
Tot Ion:244 Resp: 2970

Ion Ratio Lower Upper

244 100

212 10.5 6.3 9.5#

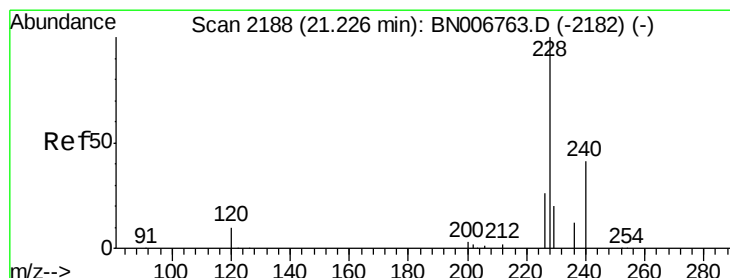
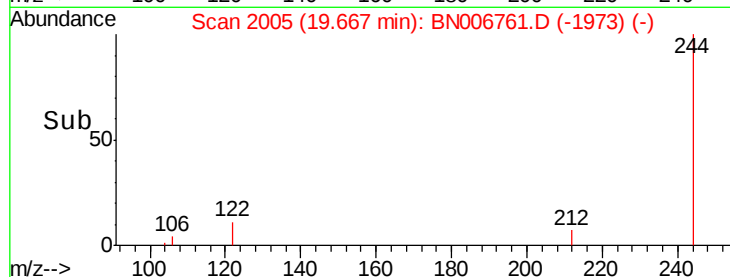
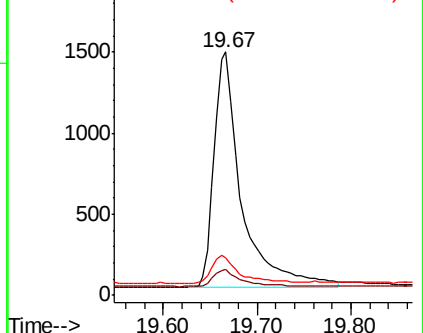
122 15.5 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.086 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

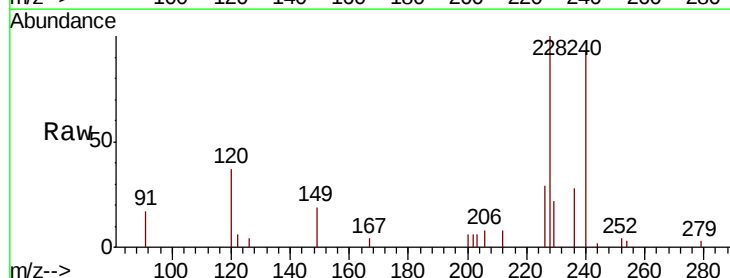
Tgt Ion:228 Resp: 4129

Ion Ratio Lower Upper

228 100

226 28.9 21.2 31.8

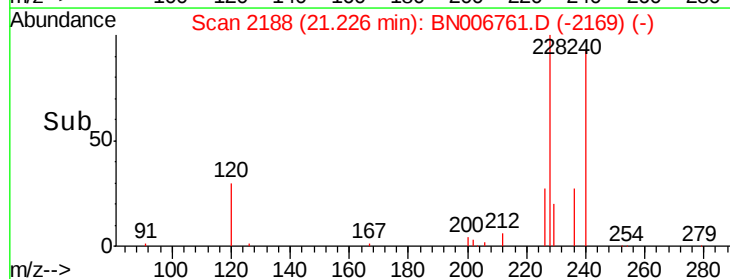
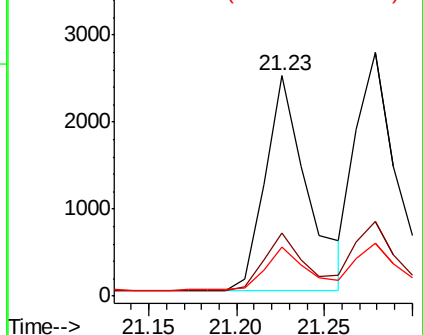
229 22.5 16.4 24.6

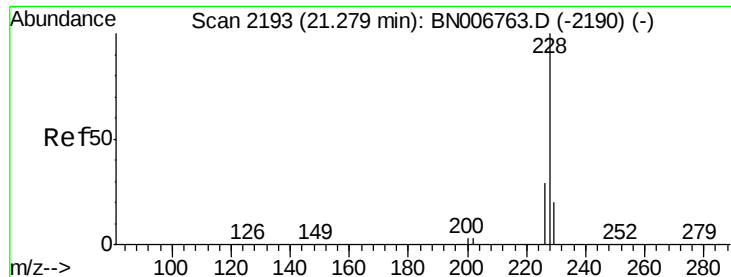


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.092 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :

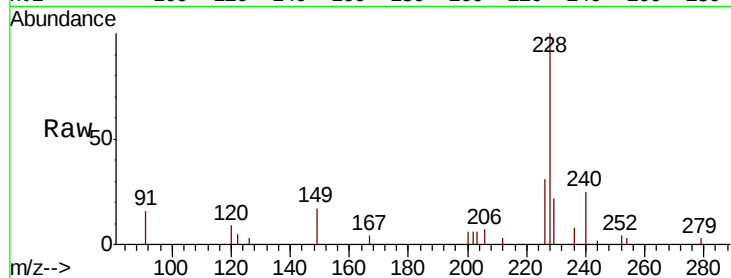
Tot Ion:228 Resp: 4531

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.5	35.3
229	21.6	16.0	24.0

228 100

226 30.7 23.5 35.3

229 21.6 16.0 24.0

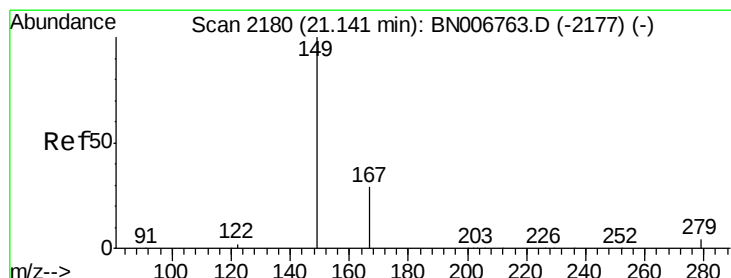
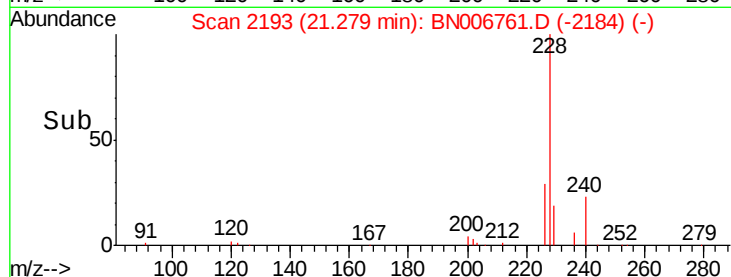
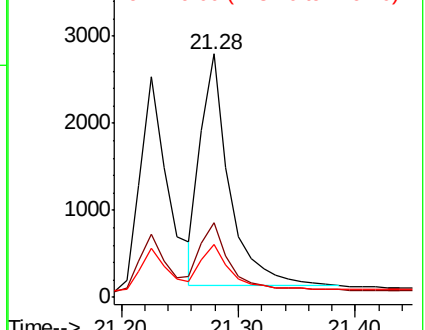


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.016 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

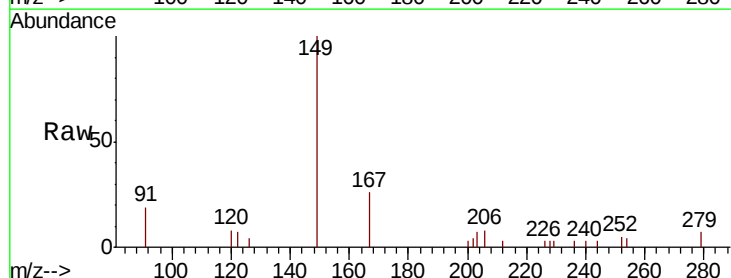
Tgt Ion:149 Resp: 2270

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.9	34.3
279	5.2	3.7	5.5

149 100

167 26.6 22.9 34.3

279 5.2 3.7 5.5

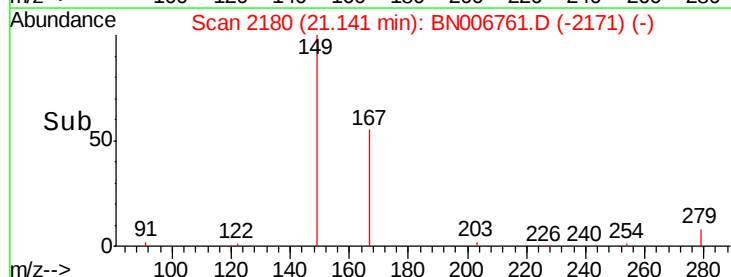
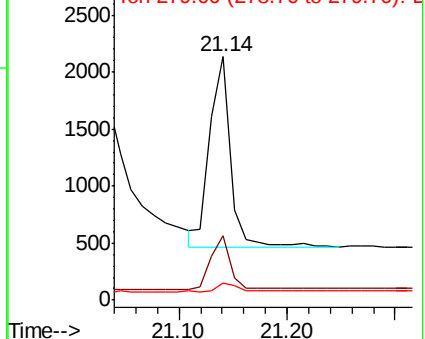


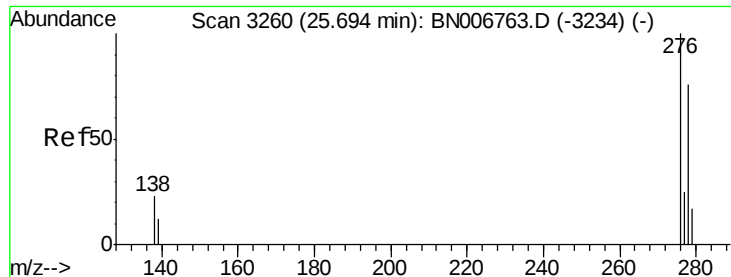
Abundance

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

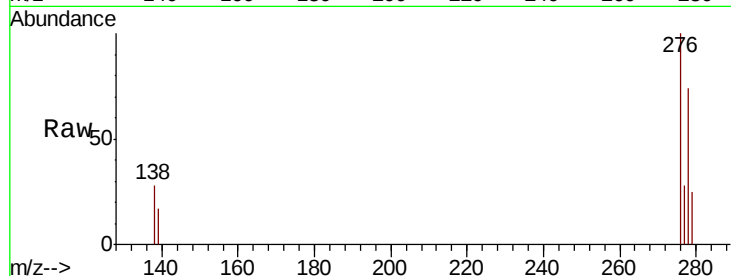




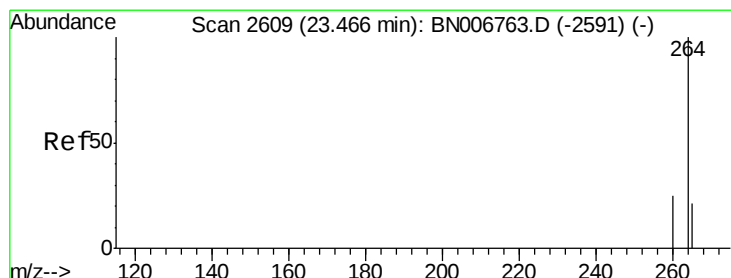
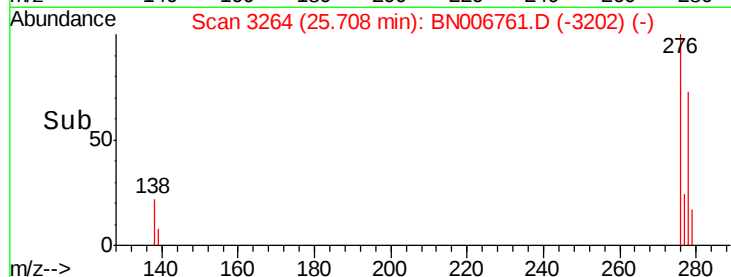
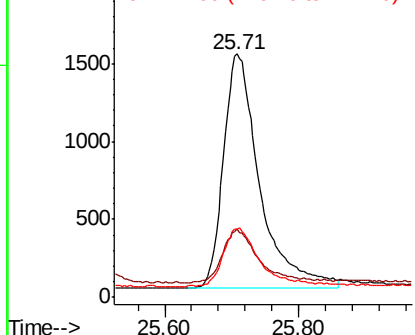
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.097 ng
 RT: 25.71 min Scan# 3264
 Delta R.T. 0.01 min
 Lab File: BN006761.D
 Acq: 09 Jul 2019 08:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 5688
 Ion Ratio Lower Upper
 276 100
 138 21.5 17.9 26.9
 277 24.2 19.8 29.8

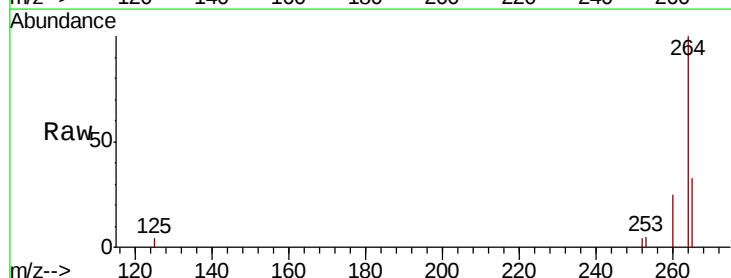


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

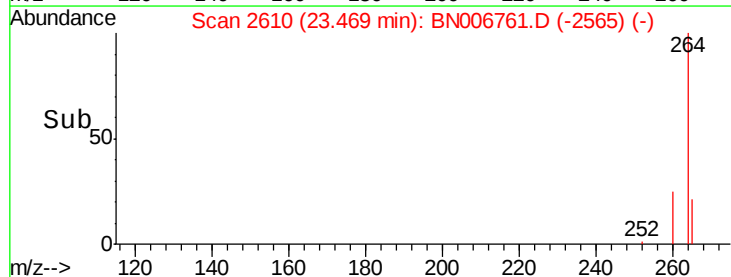
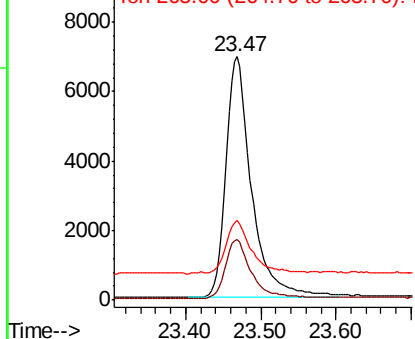


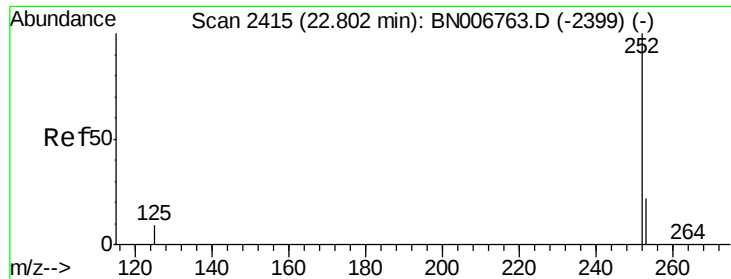
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BN006761.D
 Acq: 09 Jul 2019 08:41

Tgt Ion:264 Resp: 16240
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.4
 265 32.6 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

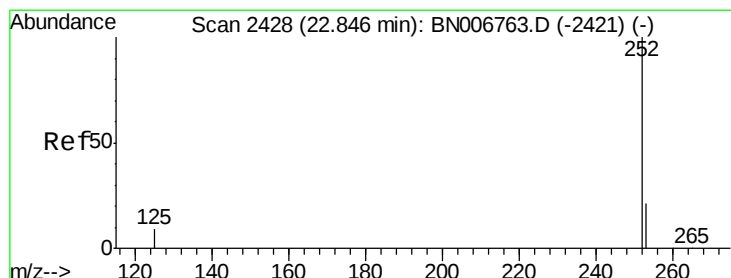
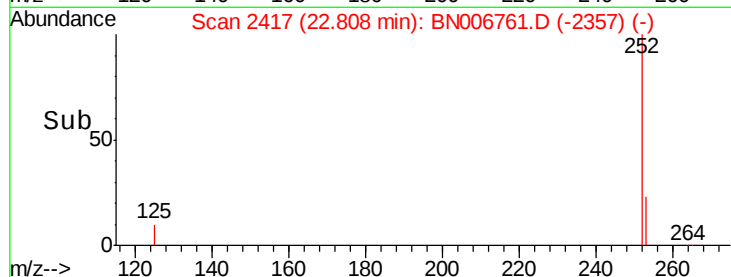
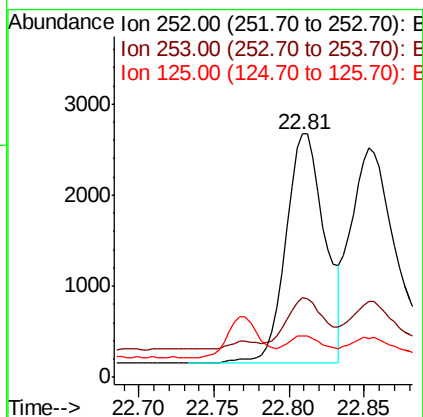
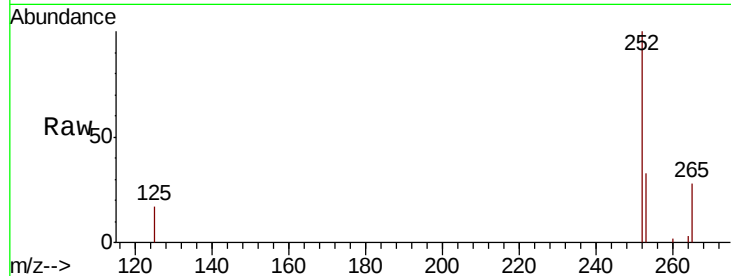




#35
Benzo(b)fluoranthene
Concen: 0.088 ng
RT: 22.81 min Scan# 2417
Delta R.T. 0.01 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

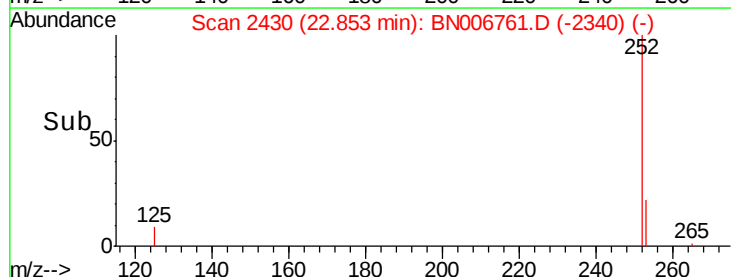
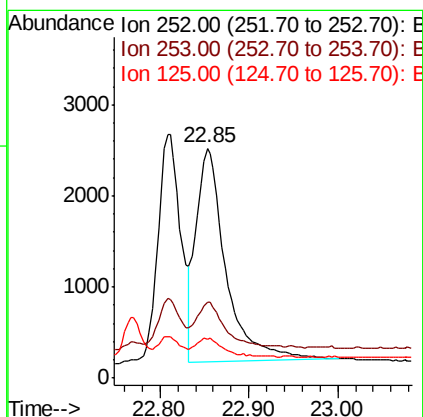
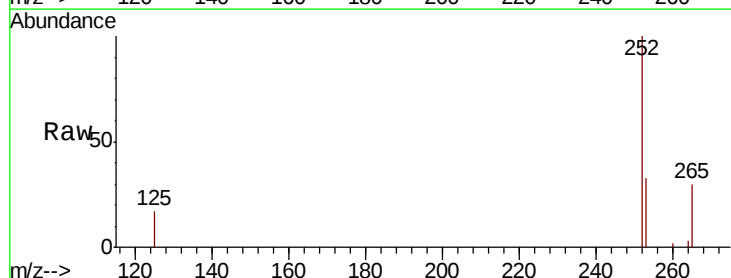
Instrument :
BNA_N
ClientSampleId :

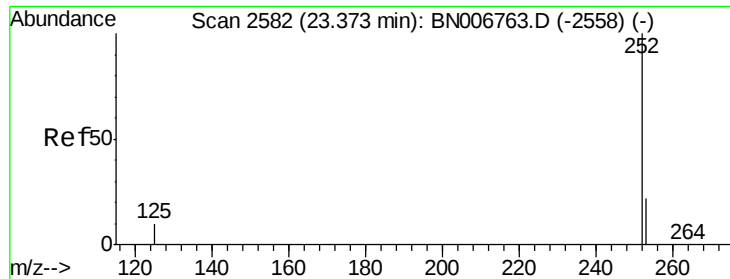
Tot Ion:252 Resp: 4593
Ion Ratio Lower Upper
252 100
253 32.7 18.9 28.3#
125 17.2 8.5 12.7#



#36
Benzo(k)fluoranthene
Concen: 0.096 ng
RT: 22.85 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BN006761.D
Acq: 09 Jul 2019 08:41

Tgt Ion:252 Resp: 5414
Ion Ratio Lower Upper
252 100
253 33.0 18.9 28.3#
125 17.1 8.4 12.6#





#37

Benzo(a)pyrene

Concen: 0.089 ng

RT: 23.38 min Scan# 2584

Delta R.T. 0.01 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :

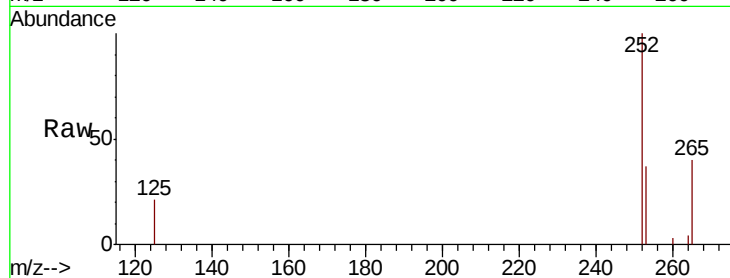
Tot Ion:252 Resp: 4512

Ion Ratio Lower Upper

252 100

253 37.0 19.5 29.3#

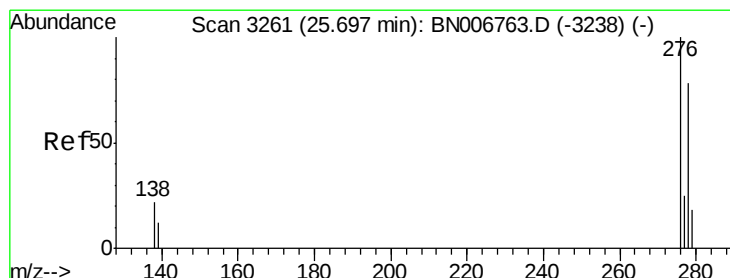
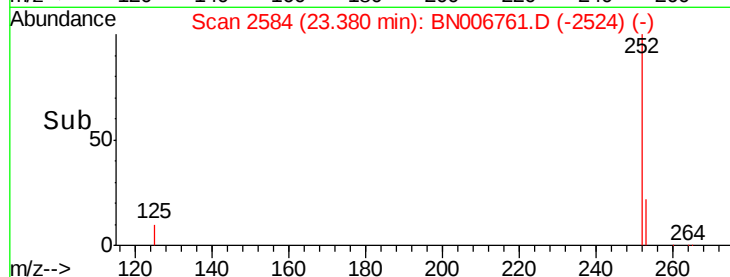
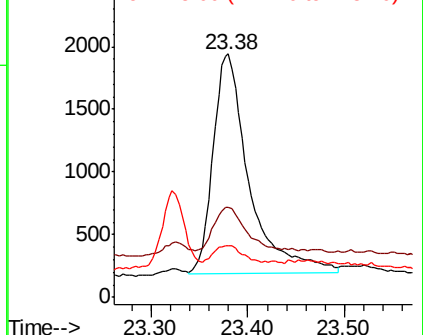
125 21.3 9.5 14.3#



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: 0.091 ng

RT: 25.71 min Scan# 3266

Delta R.T. 0.02 min

Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

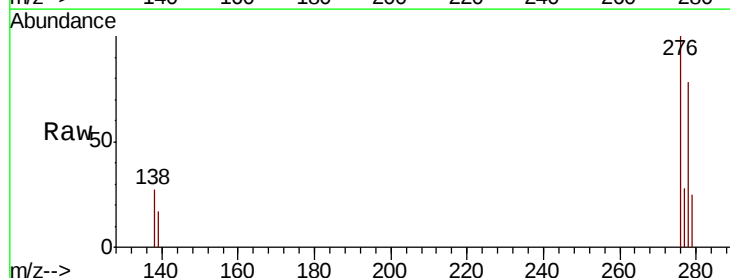
Tgt Ion:278 Resp: 4545

Ion Ratio Lower Upper

278 100

139 22.5 13.1 19.7#

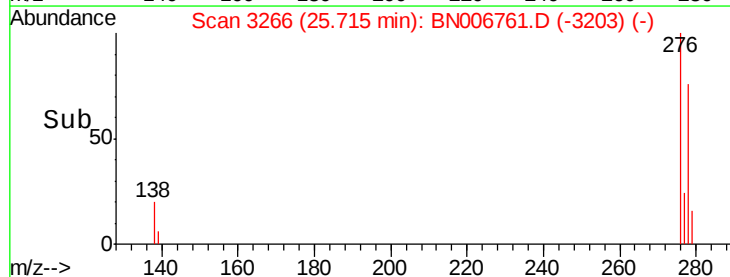
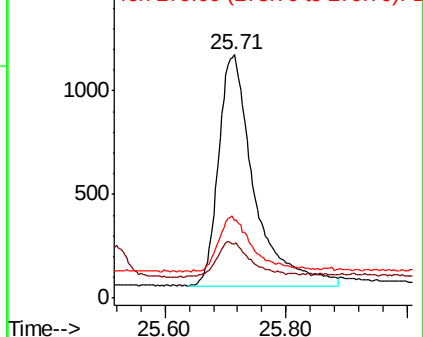
279 31.7 20.2 30.4#

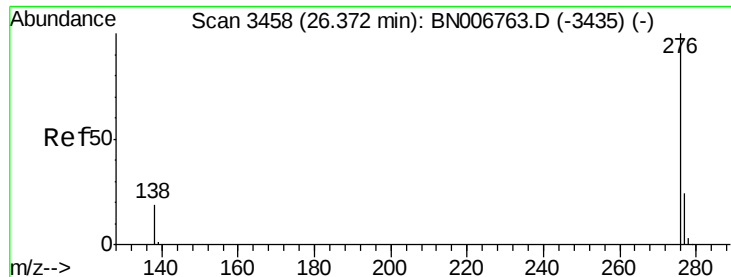


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.096 ng

RT: 26.39 min Scan# 3462

Delta R.T. 0.01 min

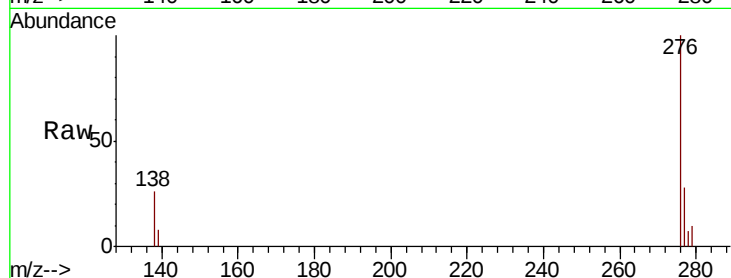
Lab File: BN006761.D

Acq: 09 Jul 2019 08:41

Instrument :

BNA_N

ClientSampleId :



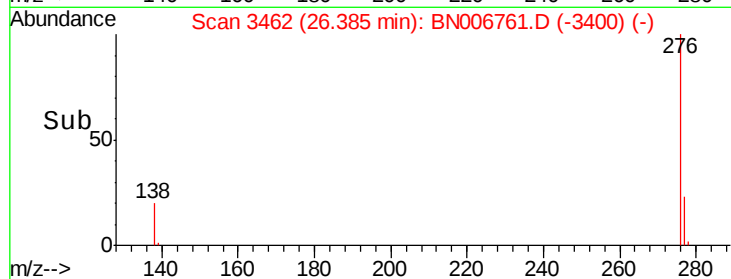
Tot Ion: 276 Resp: 4979

Ion Ratio Lower Upper

276 100

277 27.6 19.4 29.2

138 26.1 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

