

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006708.D
 Acq On : 05 Jul 2019 10:47
 Operator : HP/JU
 Sample : K3473-01DL2 200X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1DL

Quant Time: Jul 05 22:48:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2246	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9037	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6321	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	14961	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	15373	0.40	ng	-0.02
34) Perylene-d12	23.47	264	18550	0.40	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	7	0.00	ng	0.00
5) Phenol-d6	6.77	99	4	0.00	ng	-0.06
8) Nitrobenzene-d5	8.81	82	7	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	12.01	152	19	0.00	ng	0.01
14) 2,4,6-Tribromophenol	15.80	330	10	0.00	ng	0.01
15) 2-Fluorobiphenyl	12.88	172	61	0.00	ng	0.00
25) Fluoranthene-d10	19.08	212	96	0.00	ng	0.00
29) Terphenyl-d14	19.67	244	108	0.00	ng	0.00

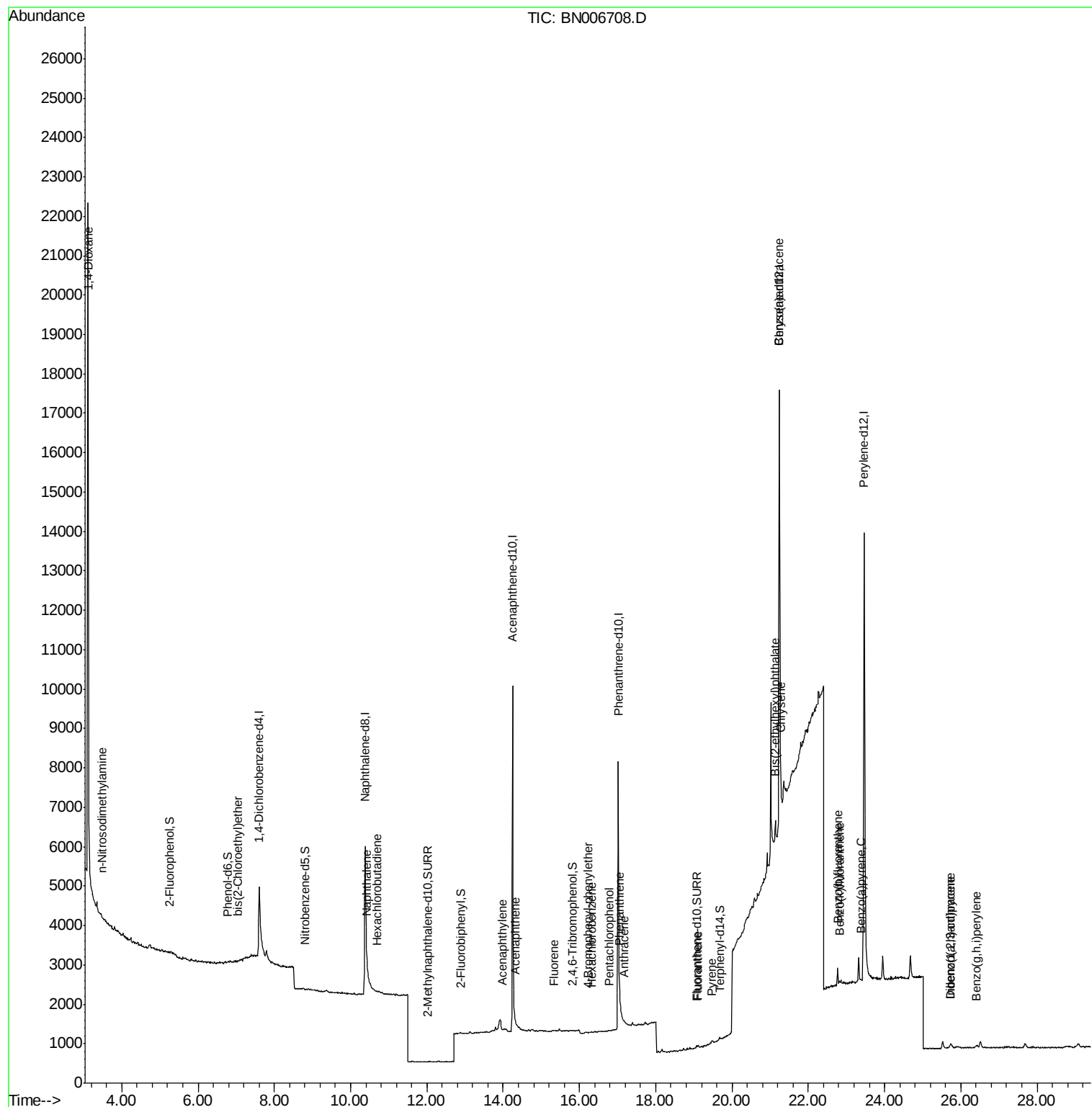
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	11254	3.206	ng	92
3) n-Nitrosodimethylamine	3.50	42	27	0.010	ng	# 17
6) bis(2-Chloroethyl)ether	7.04	93	32	0.005	ng	# 52
9) Naphthalene	10.43	128	36	0.001	ng	# 1
10) Hexachlorobutadiene	10.69	225	6	0.001	ng	# 53
12) 2-Methylnaphthalene	12.07	142	5	Below Cal		# 11
16) Acenaphthylene	13.99	152	58	0.002	ng	# 61
17) Acenaphthene	14.31	154	13	0.001	ng	# 45
18) Fluorene	15.32	166	19	0.001	ng	# 1
20) 4-Bromophenyl-phenylether	16.22	248	8	0.001	ng	# 33
21) Hexachlorobenzene	16.32	284	16	0.002	ng	# 12
22) Pentachlorophenol	16.77	266	10	0.118	ng	# 79
23) Phenanthrene	17.06	178	78	0.002	ng	# 73
24) Anthracene	17.17	178	39	0.001	ng	# 92
26) Fluoranthene	19.10	202	95	0.002	ng	# 72
28) Pyrene	19.47	202	97	0.002	ng	99
30) Benzo(a)anthracene	21.24	228	146	0.003	ng	# 1
31) Chrysene	21.28	228	99	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.14	149	443	0.003	ng	# 93
33) Indeno(1,2,3-cd)pyrene	25.74	276	157	0.002	ng	# 55
35) Benzo(b)fluoranthene	22.77	252	74	0.001	ng	# 1
36) Benzo(k)fluoranthene	22.82	252	113	0.002	ng	# 1
37) Benzo(a)pyrene	23.38	252	42	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.74	278	123	0.002	ng	# 1
39) Benzo(g,h,i)perylene	26.41	276	155	0.003	ng	# 1

(#) = 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# 568

Delta R.T. -0.02 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

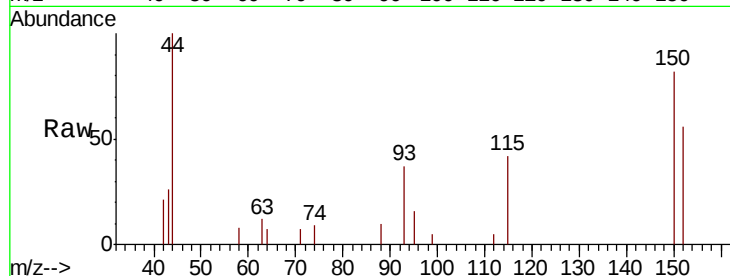
Tgt Ion:152 Resp: 2246

Ion Ratio Lower Upper

152 100

150 146.3 120.6 181.0

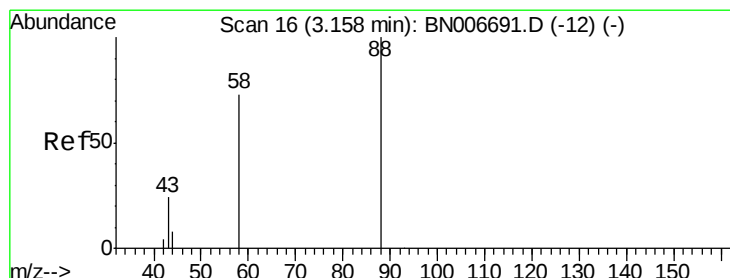
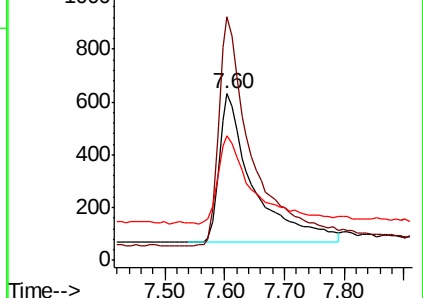
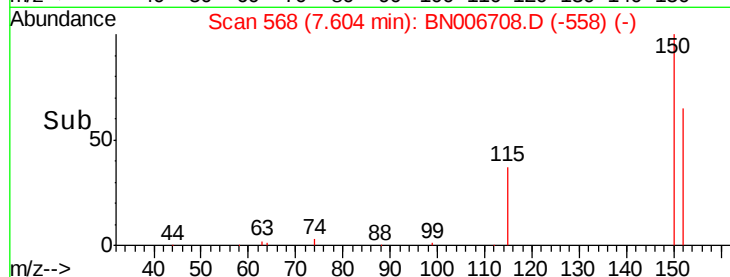
115 74.8 51.0 76.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.206 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

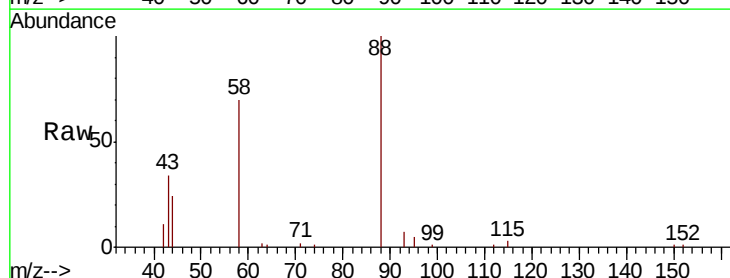
Tgt Ion: 88 Resp: 11254

Ion Ratio Lower Upper

88 100

58 82.7 61.1 91.7

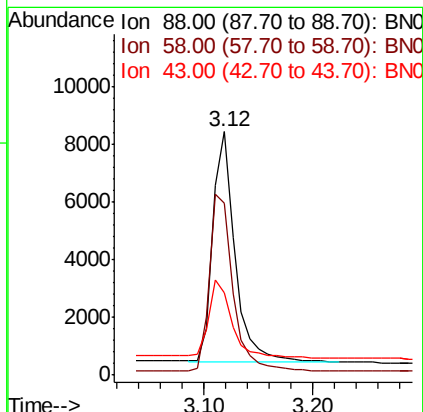
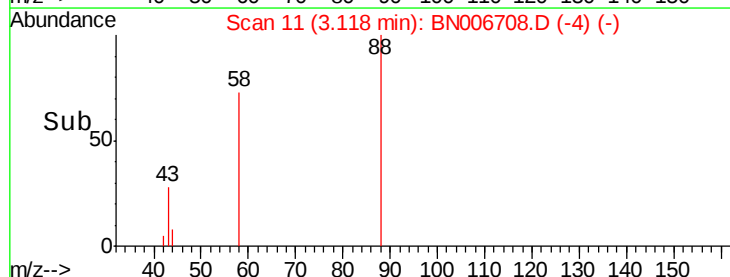
43 35.1 32.4 48.6

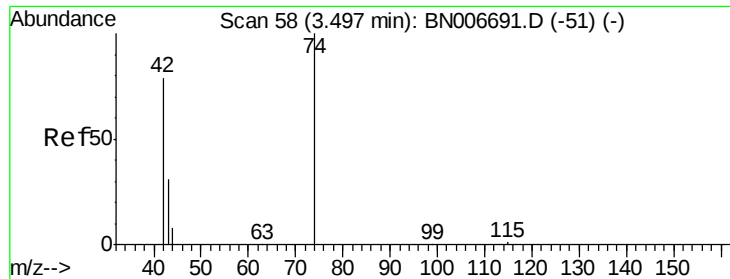


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.010 ng

RT: 3.50 min Scan# 59

Delta R.T. 0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampled :

MW-1DL

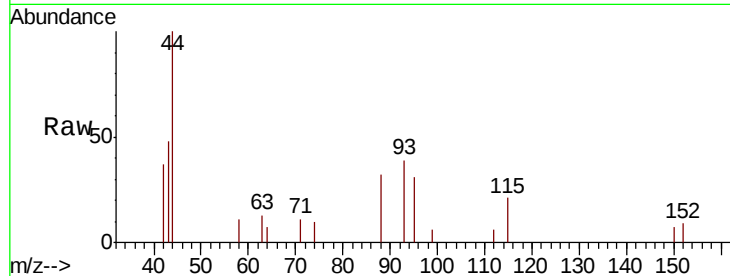
Tgt Ion: 42 Resp: 27

Ion Ratio Lower Upper

42 100

74 29.6 106.6 160.0#

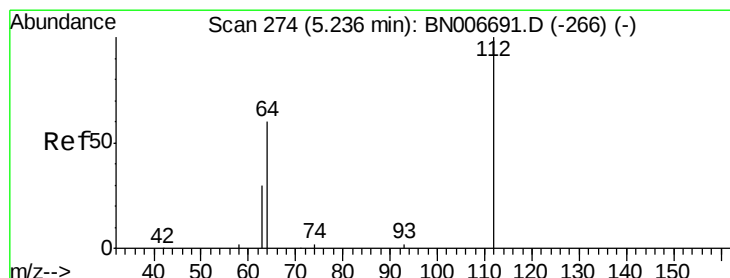
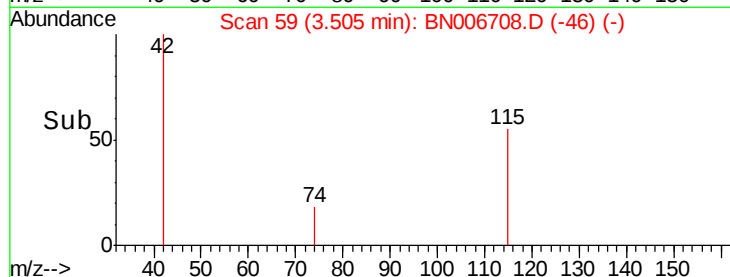
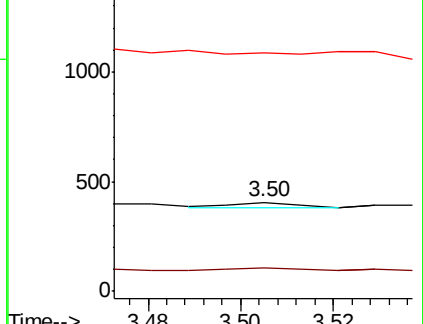
44 0.0 8.0 12.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.001 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

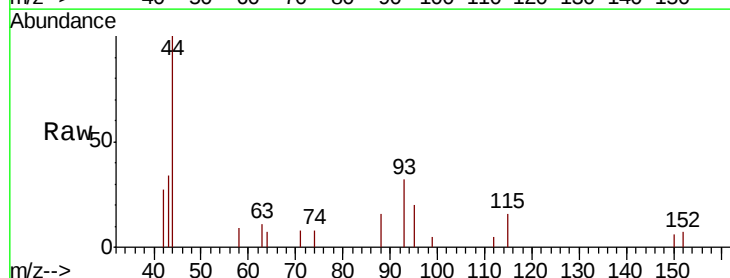
Tgt Ion: 112 Resp: 7

Ion Ratio Lower Upper

112 100

64 14.3 49.8 74.6#

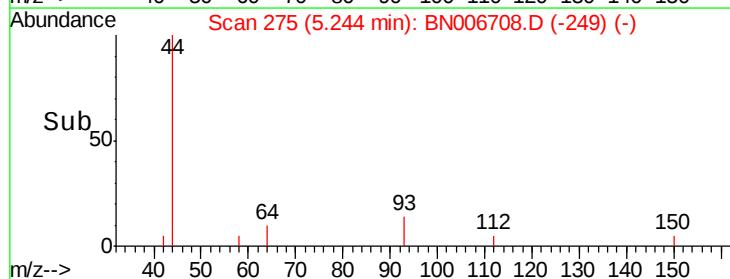
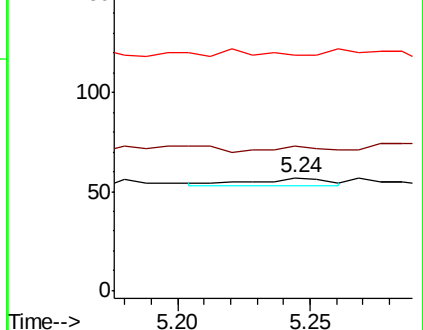
63 0.0 25.8 38.6#

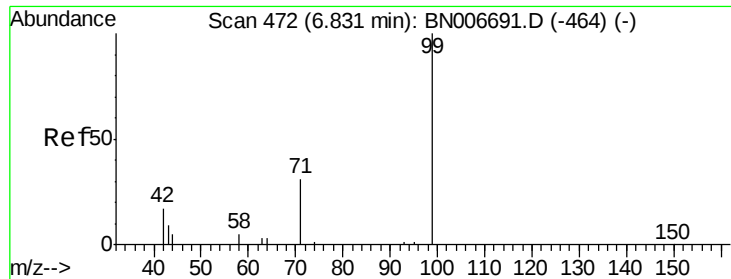


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.77 min Scan# 465

Delta R.T. -0.06 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

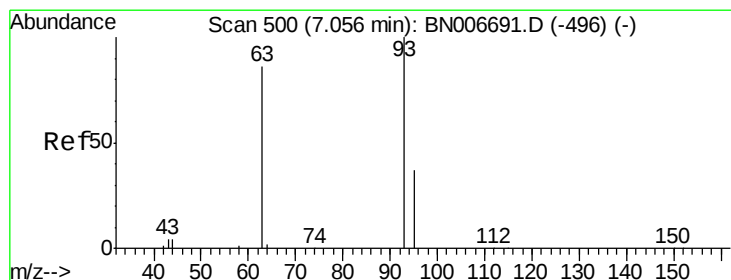
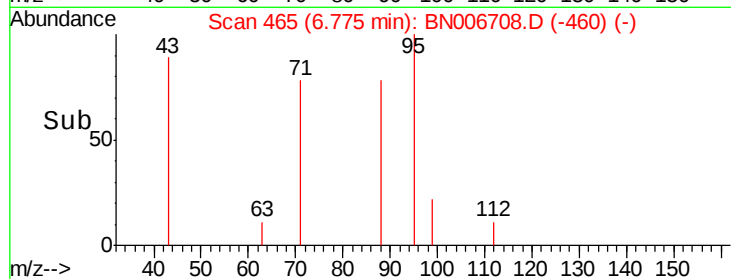
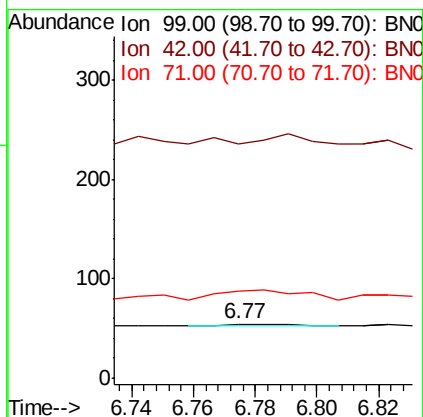
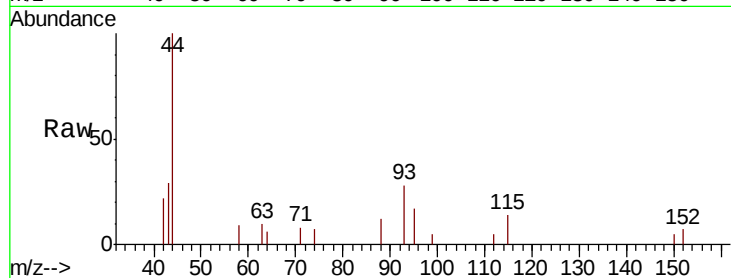
Instrument :

BNA_N

ClientSampleId :

MW-1DL

Tgt Ion:	99	Resp:	4
Ion	Ratio	Lower	Upper
99	100		
42	350.0	16.6	25.0#
71	500.0	26.0	39.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

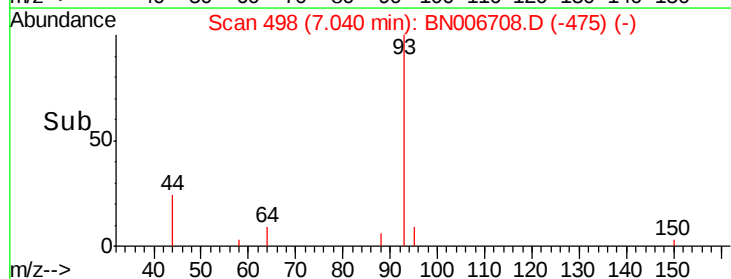
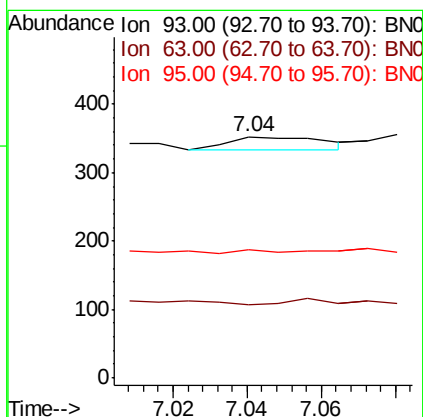
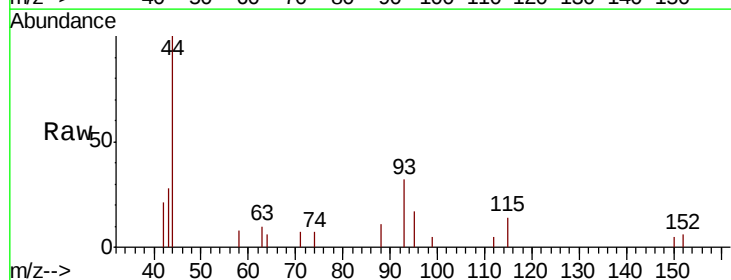
RT: 7.04 min Scan# 498

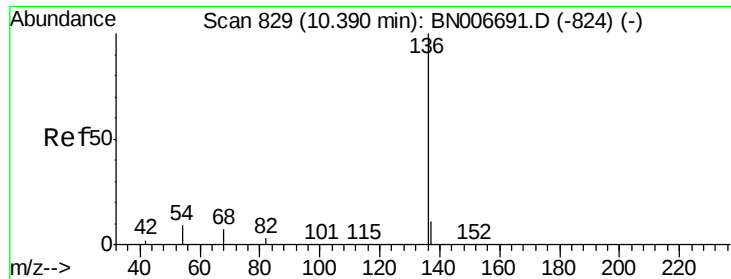
Delta R.T. -0.02 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Tgt Ion:	93	Resp:	32
Ion	Ratio	Lower	Upper
93	100		
63	31.3	58.6	87.8#
95	9.4	28.3	42.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

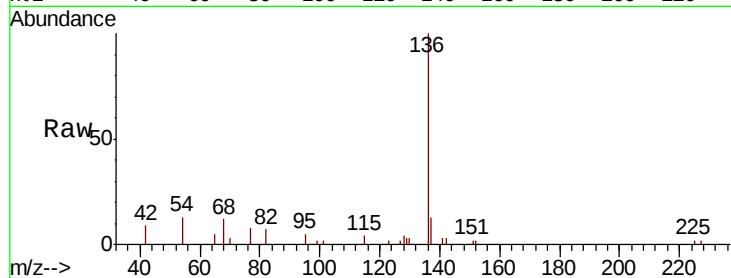
Instrument :

BNA_N

ClientSampleId :

MW-1DL

Tgt Ion:	136	Resp:	9037
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.3	13.9
54	12.6	8.4	12.6
68	11.6	6.8	10.2#



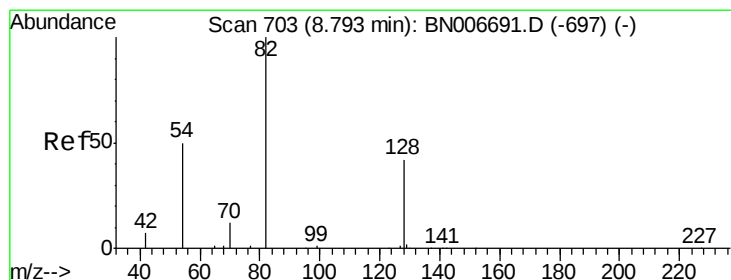
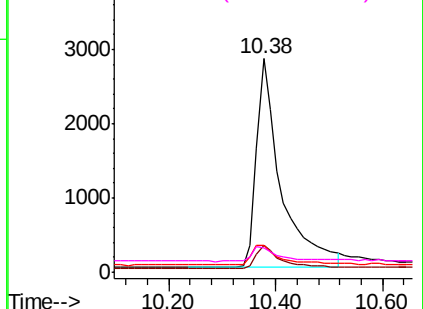
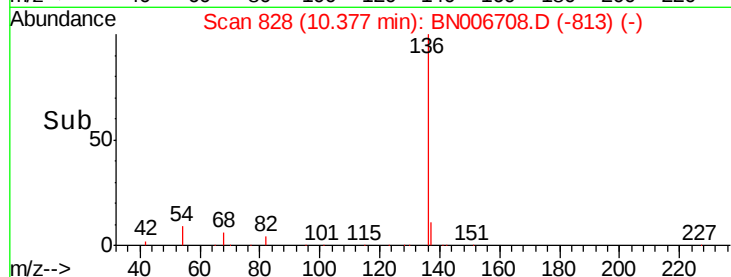
Abundance

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: 0.001 ng

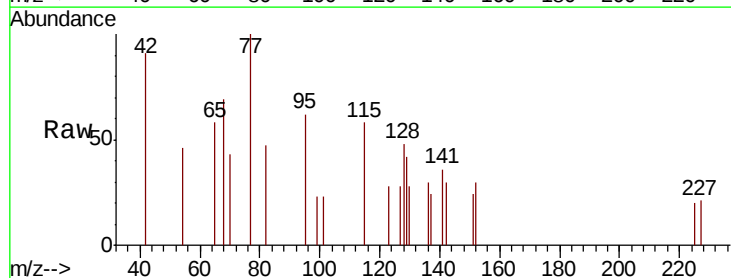
RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Tgt Ion:	82	Resp:	7
Ion	Ratio	Lower	Upper
82	100		
128	101.8	36.1	54.1#
54	96.4	44.5	66.7#

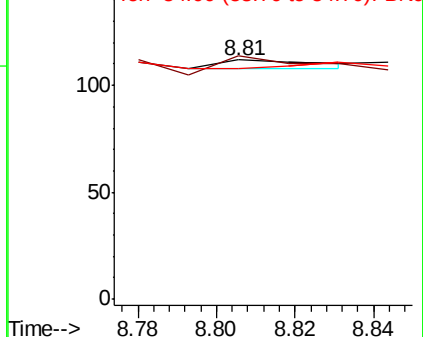
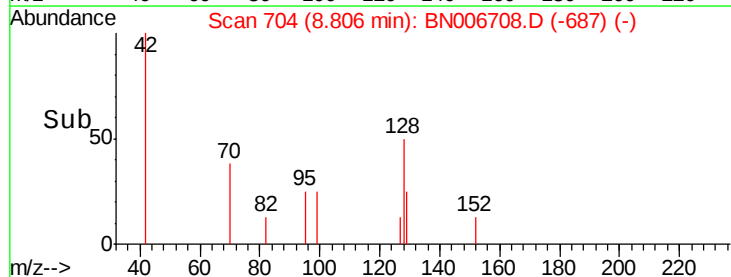


Abundance

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: 0.001 ng

RT: 10.43 min Scan# 832

Delta R.T. -0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

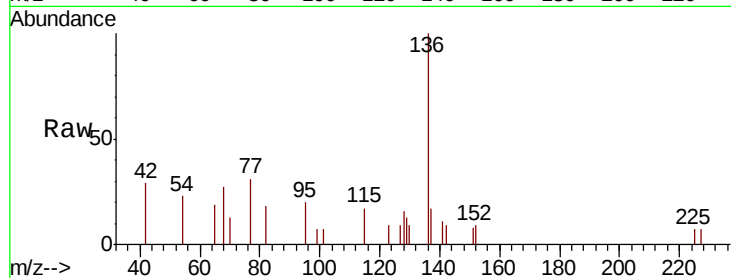
Tgt Ion:128 Resp: 36

Ion Ratio Lower Upper

128 100

129 85.6 9.6 14.4#

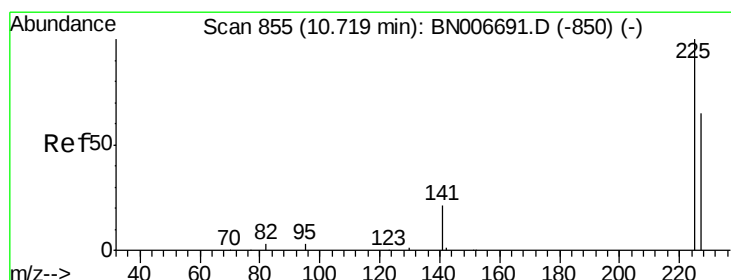
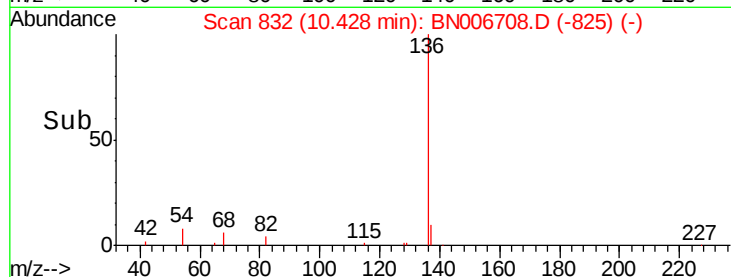
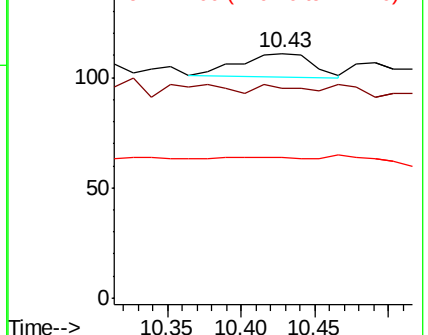
127 57.7 11.0 16.4#



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: 0.001 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

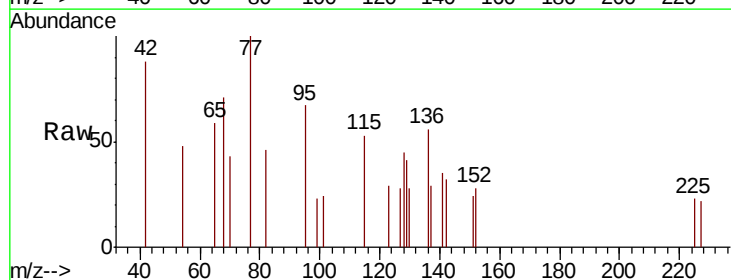
Tgt Ion:225 Resp: 6

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

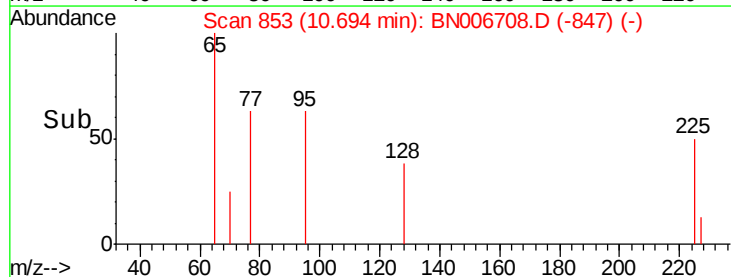
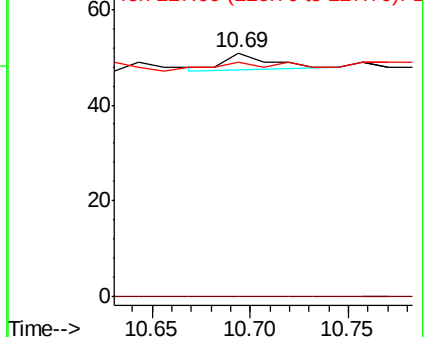
227 100.0 50.9 76.3#

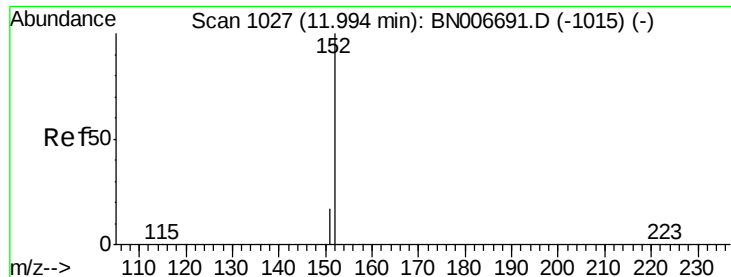


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

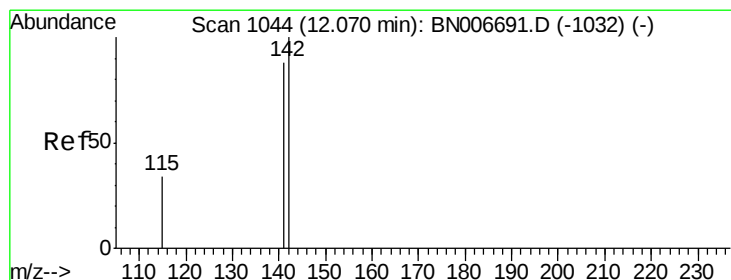
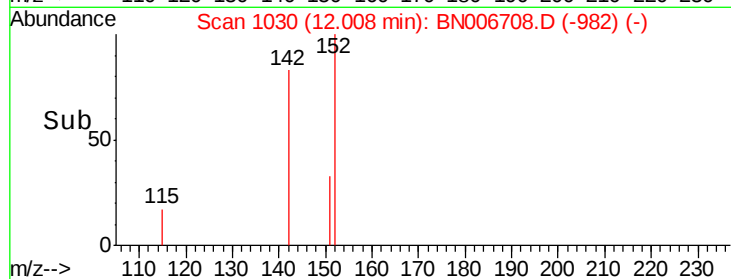
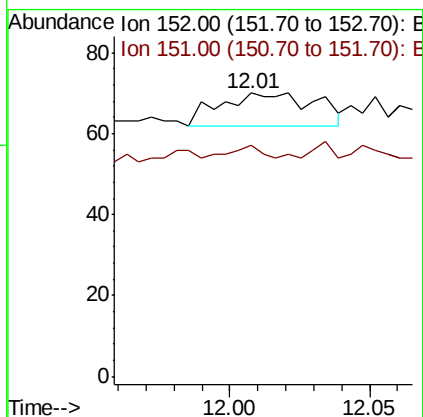
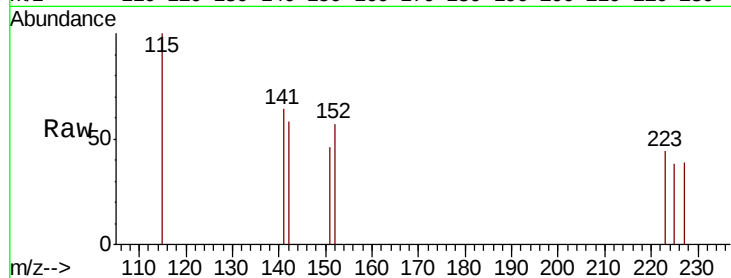




#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.01 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BN006708.D
Acq: 05 Jul 2019 10:47

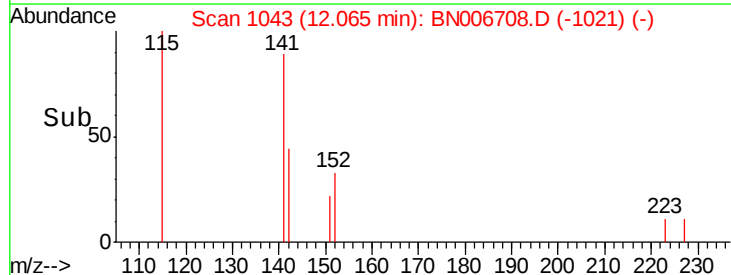
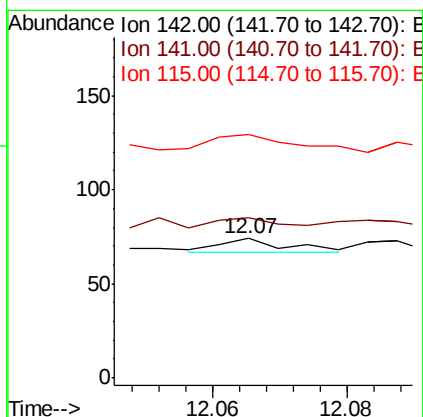
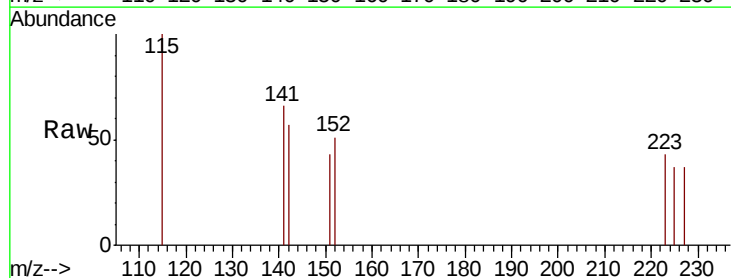
Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:152 Resp: 19
Ion Ratio Lower Upper
152 100
151 10.5 14.9 22.3#



#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.07 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN006708.D
Acq: 05 Jul 2019 10:47

Tgt Ion:142 Resp: 5
Ion Ratio Lower Upper
142 100
141 114.9 70.3 105.5#
115 174.3 28.9 43.3#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

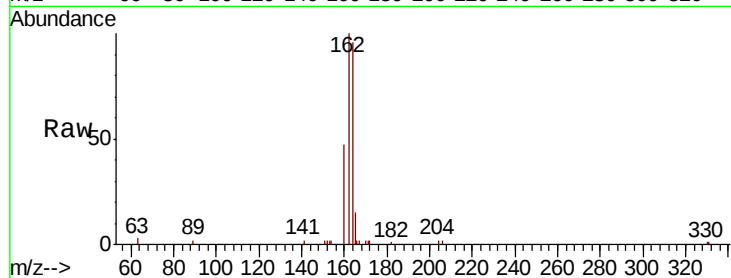
Tgt Ion:164 Resp: 6321

Ion Ratio Lower Upper

164 100

162 103.6 80.8 121.2

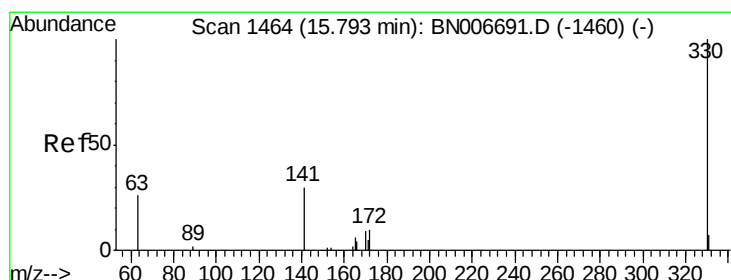
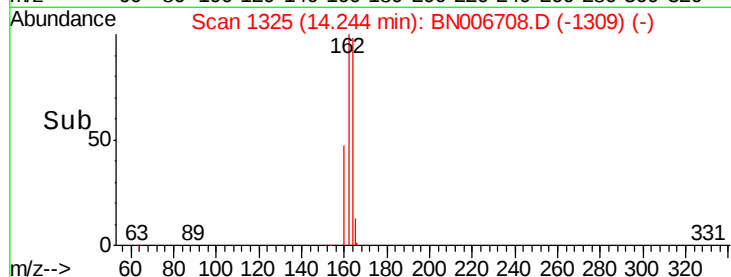
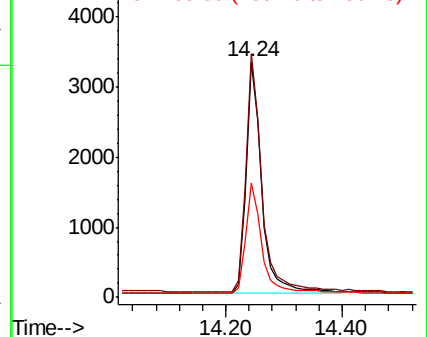
160 48.9 37.0 55.6



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: 0.003 ng

RT: 15.80 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

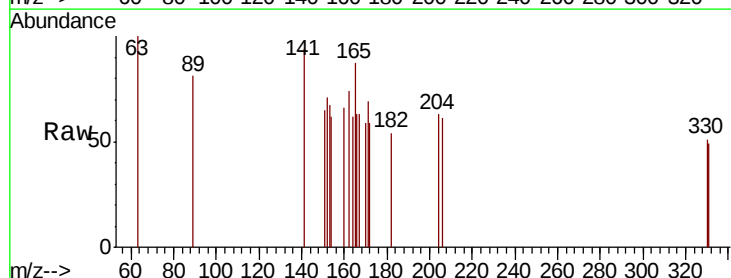
Tgt Ion:330 Resp: 10

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

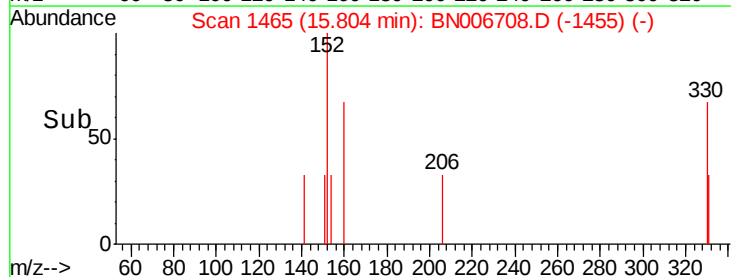
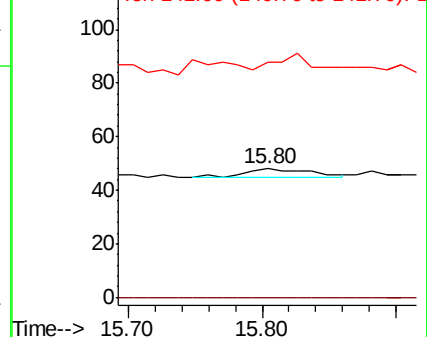
141 0.0 24.8 37.2#



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

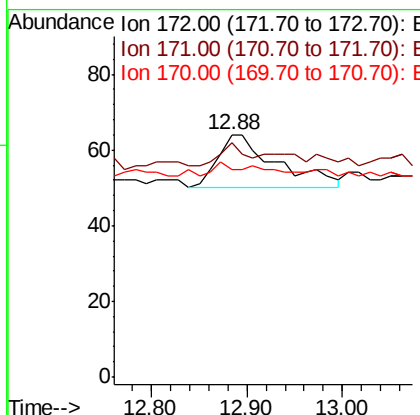
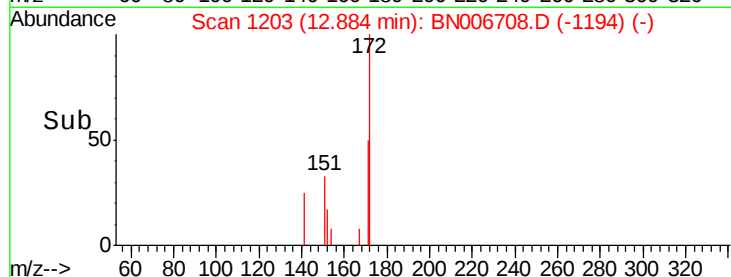
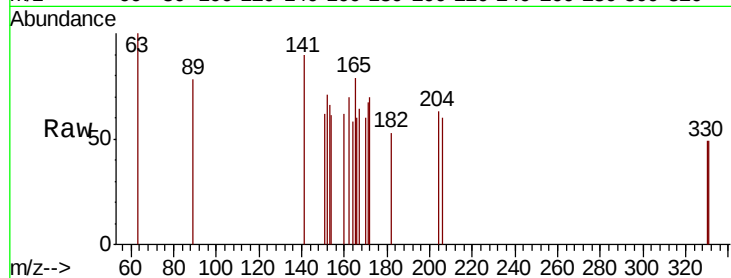




#15
2-Fluorobiphenyl
Concen: 0.002 ng
RT: 12.88 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BN006708.D
Acq: 05 Jul 2019 10:47

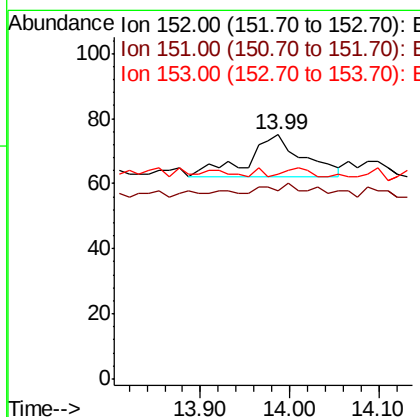
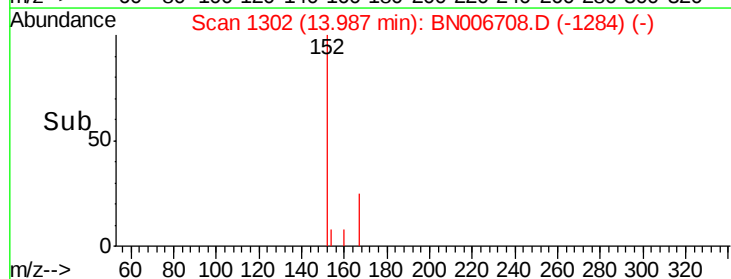
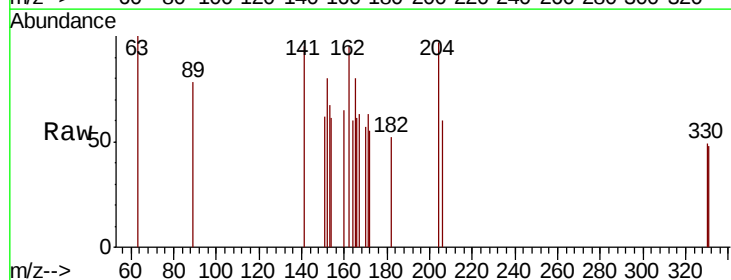
Instrument :
BNA_N
ClientSampleId :
MW-1DL

Tgt Ion:172 Resp: 61
Ion Ratio Lower Upper
172 100
171 96.9 27.8 41.6#
170 85.9 18.9 28.3#



#16
Acenaphthylene
Concen: 0.002 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006708.D
Acq: 05 Jul 2019 10:47

Tgt Ion:152 Resp: 58
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 0.0 10.6 15.8#

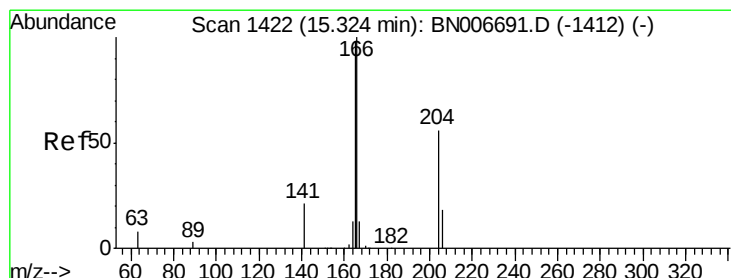
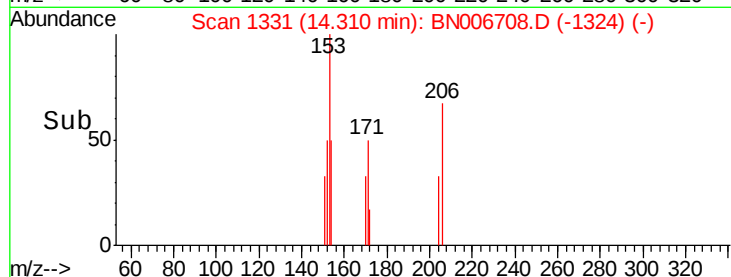
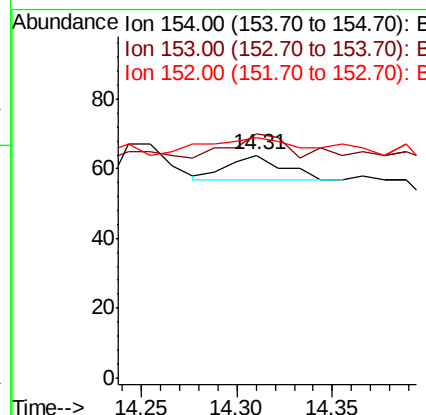
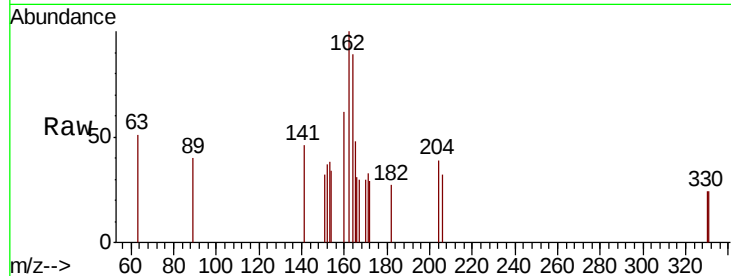




#17
Acenaphthene
Concen: 0.001 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006708.D
Acq: 05 Jul 2019 10:47

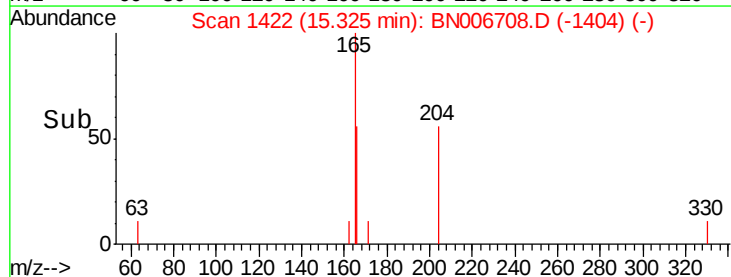
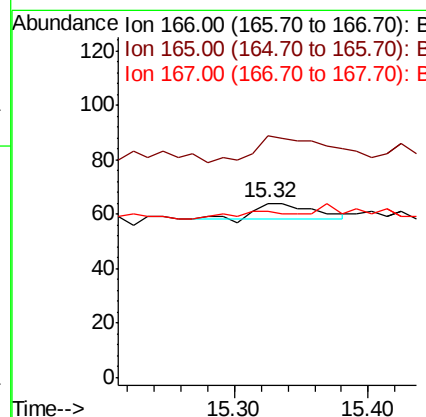
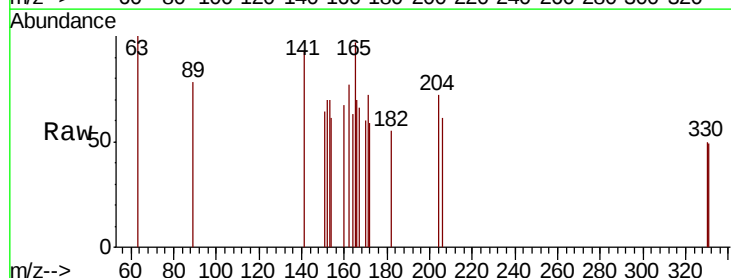
Instrument :
BNA_N
ClientSampleId :
MW-1DL

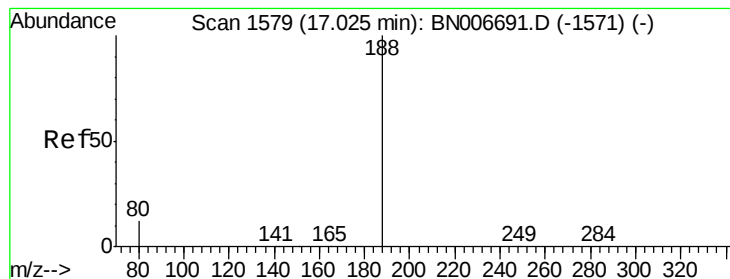
Tgt Ion:154 Resp: 13
Ion Ratio Lower Upper
154 100
153 130.8 88.9 133.3
152 146.2 42.8 64.2#



#18
Fluorene
Concen: 0.001 ng
RT: 15.32 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BN006708.D
Acq: 05 Jul 2019 10:47

Tgt Ion:166 Resp: 19
Ion Ratio Lower Upper
166 100
165 205.3 78.0 117.0#
167 42.1 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

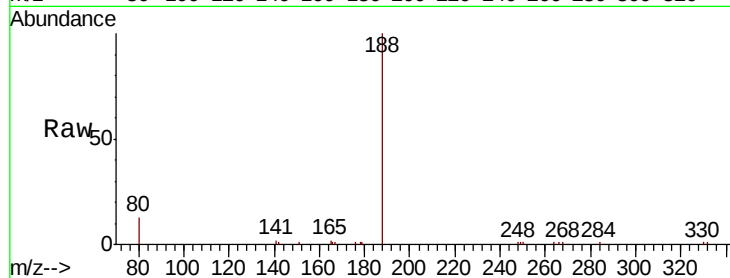
Tgt Ion:188 Resp: 14961

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

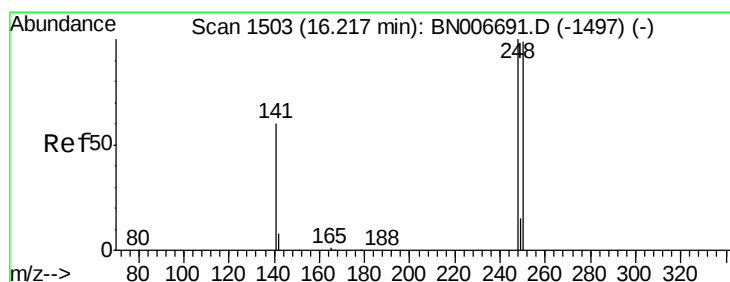
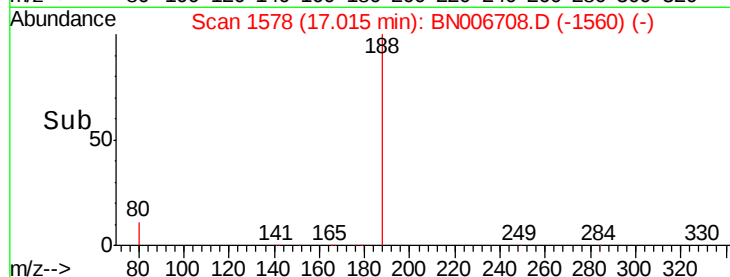
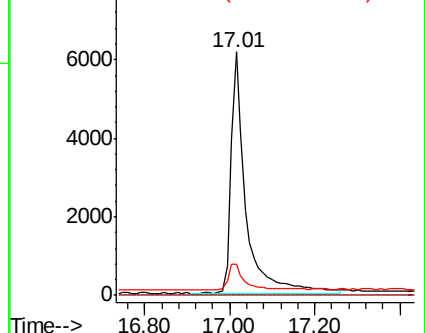
80 12.6 10.3 15.5



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: 0.001 ng

RT: 16.22 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

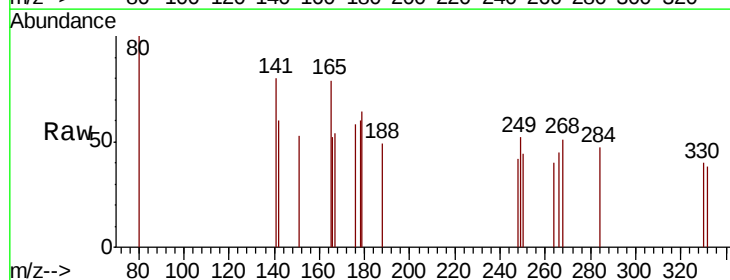
Tgt Ion:248 Resp: 8

Ion Ratio Lower Upper

248 100

250 104.1 79.0 118.6

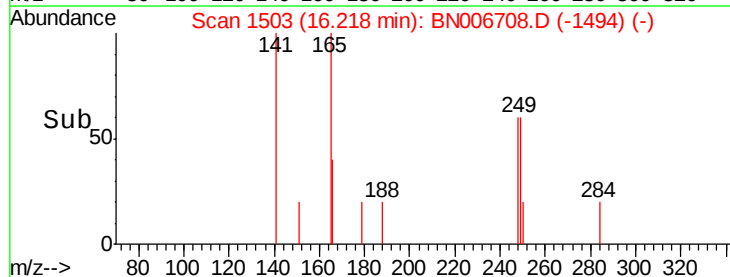
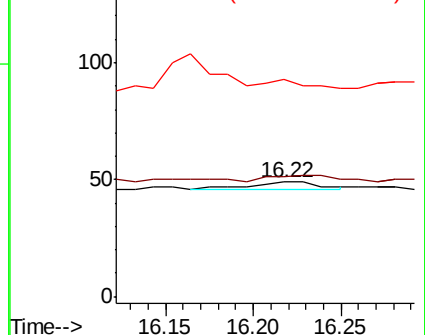
141 189.8 50.2 75.4#

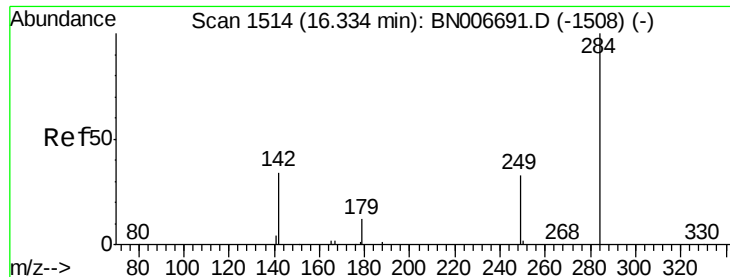


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.32 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

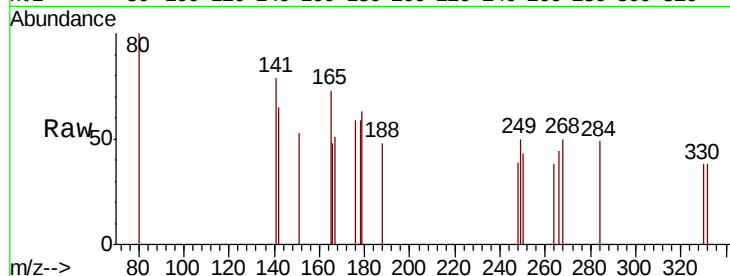
Tgt Ion:284 Resp: 16

Ion Ratio Lower Upper

284 100

142 100.0 26.9 40.3#

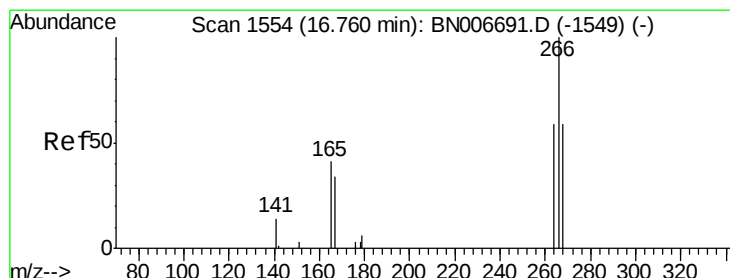
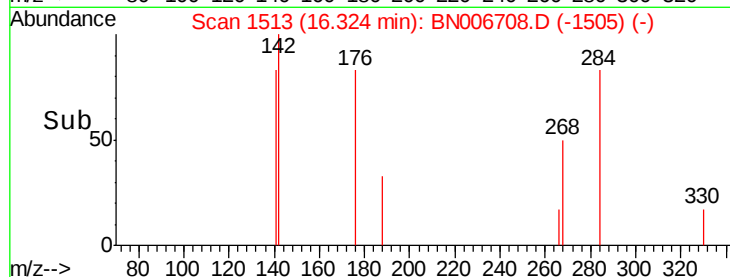
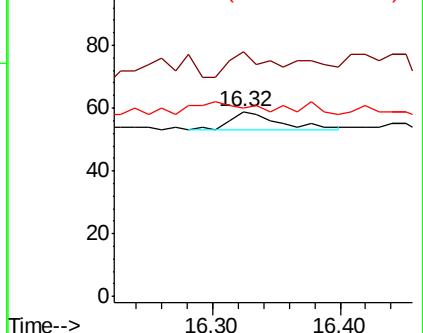
249 0.0 24.4 36.6#



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: 0.118 ng

RT: 16.77 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

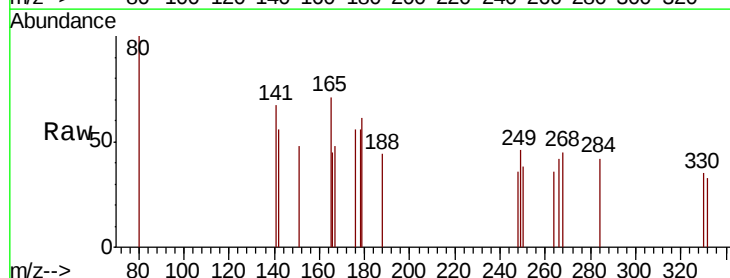
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 85.7 57.6 86.4

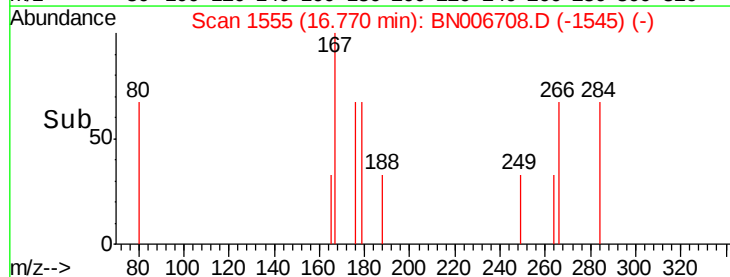
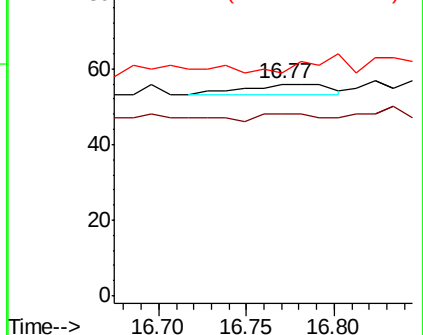
268 105.4 66.6 99.8#



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: 0.002 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

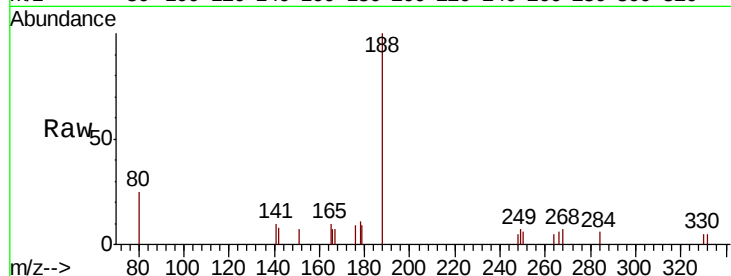
Tgt Ion:178 Resp: 78

Ion Ratio Lower Upper

178 100

176 10.3 15.3 22.9#

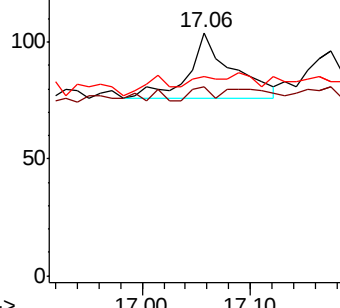
179 0.0 12.4 18.6#



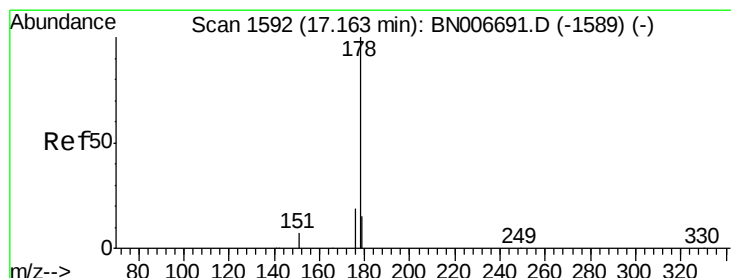
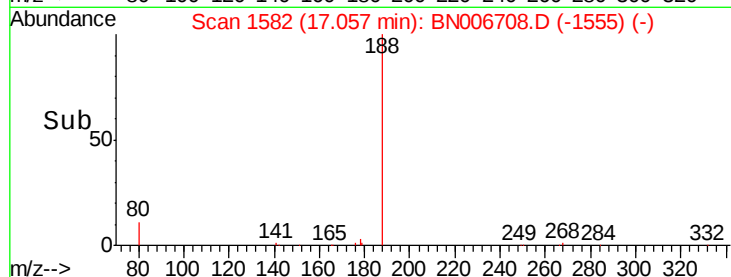
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.001 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

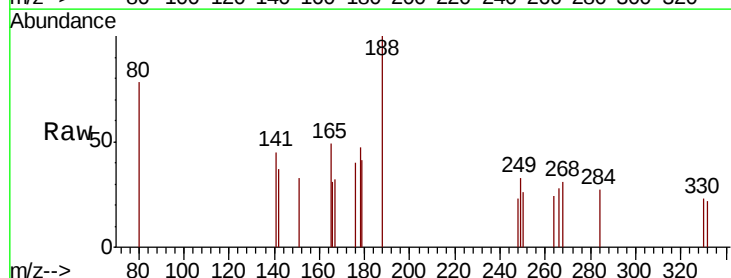
Tgt Ion:178 Resp: 39

Ion Ratio Lower Upper

178 100

176 23.1 14.8 22.2#

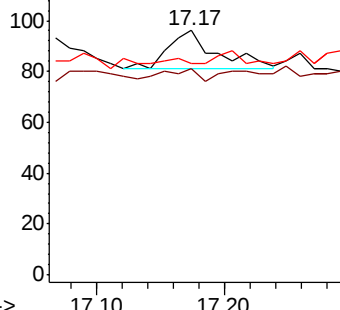
179 12.8 11.9 17.9



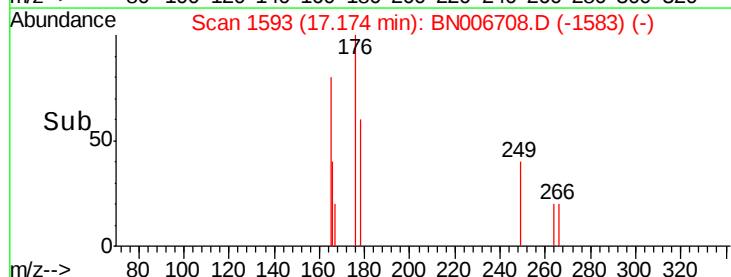
Abundance Ion 178.00 (177.70 to 178.70): E

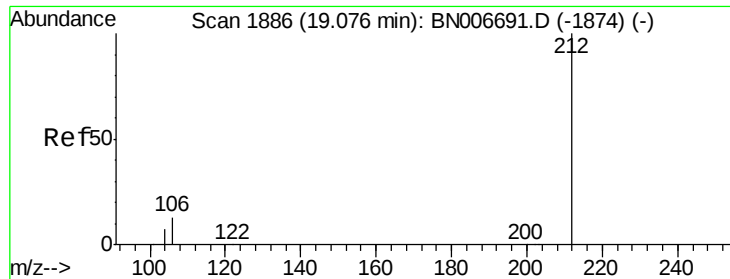
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.002 ng

RT: 19.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

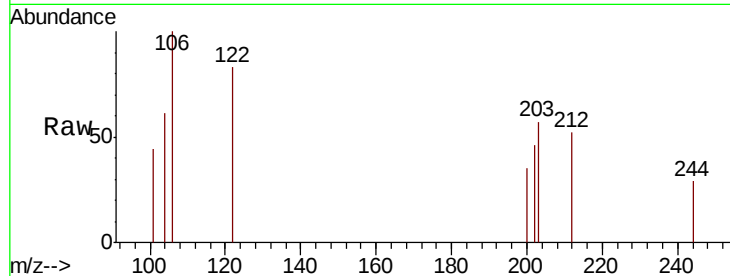
Tgt Ion:212 Resp: 96

Ion Ratio Lower Upper

212 100

106 24.0 11.0 16.6#

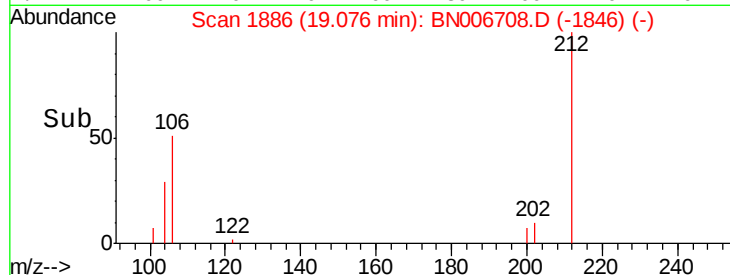
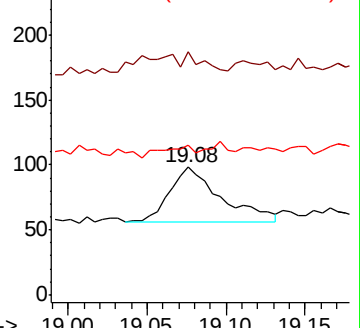
104 14.6 6.1 9.1#



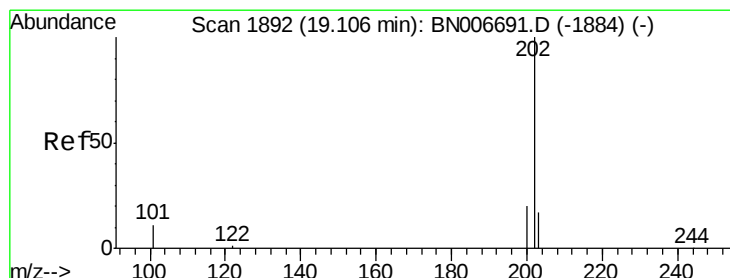
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.002 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

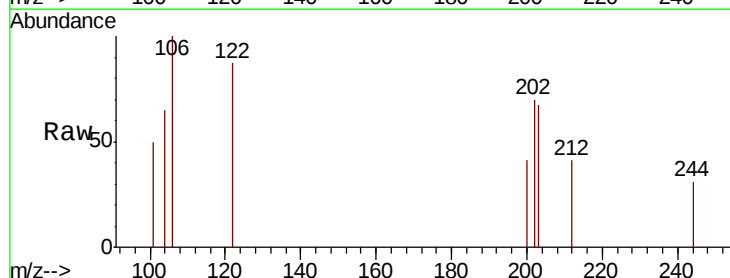
Tgt Ion:202 Resp: 95

Ion Ratio Lower Upper

202 100

101 7.4 8.7 13.1#

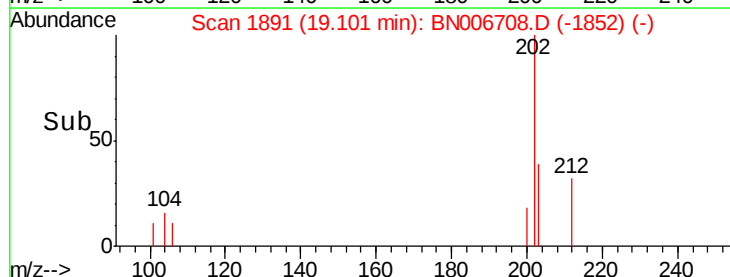
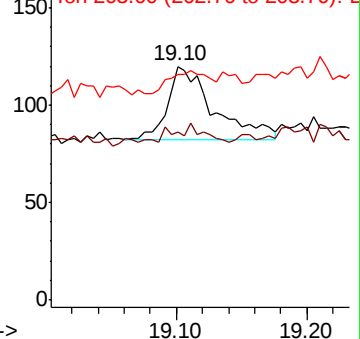
203 0.0 13.8 20.6#



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



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

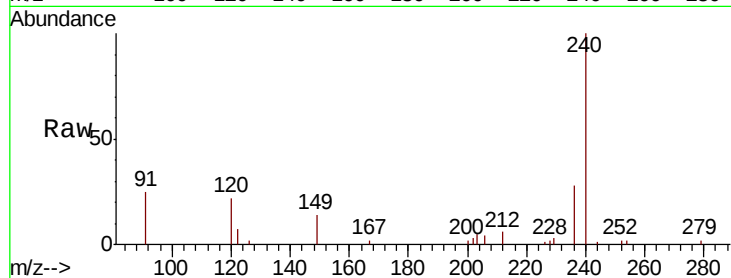
Tgt Ion:240 Resp: 15373

Ion Ratio Lower Upper

240 100

120 21.8 12.9 19.3#

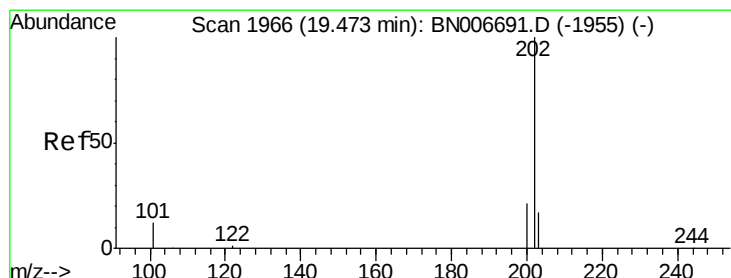
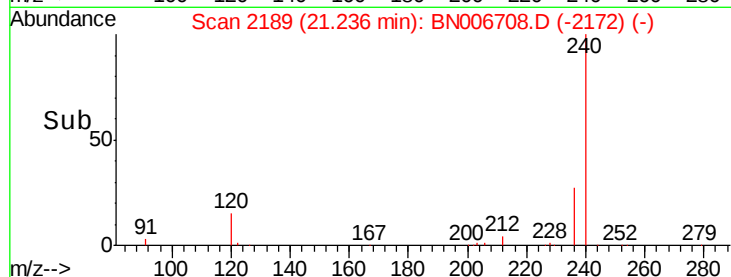
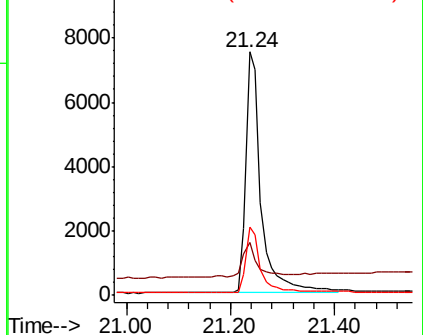
236 28.3 23.2 34.8



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: 0.002 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

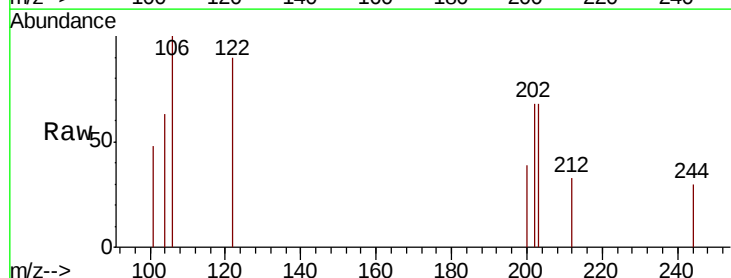
Tgt Ion:202 Resp: 97

Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

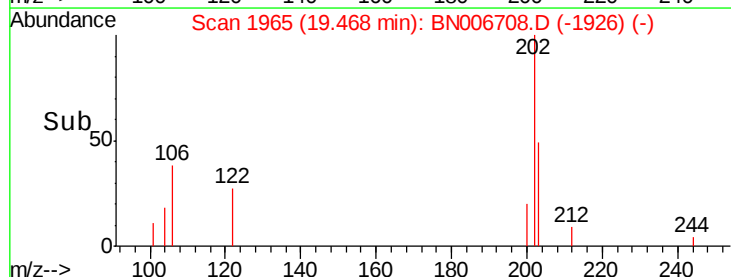
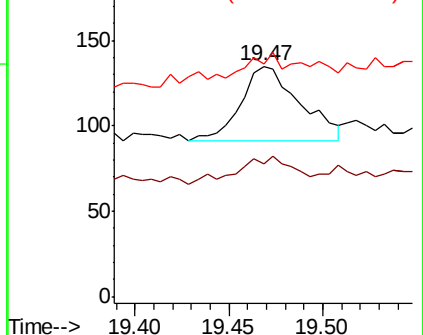
203 17.5 14.2 21.2



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: 0.003 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampled :

MW-1DL

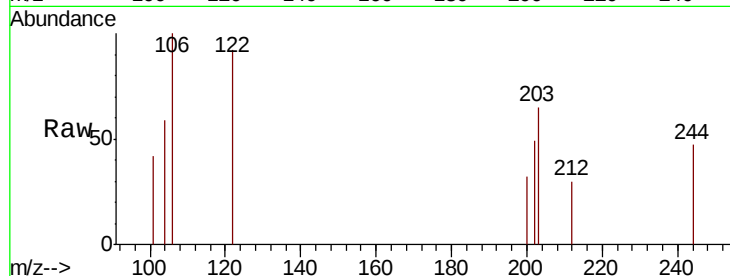
Tgt Ion:244 Resp: 108

Ion Ratio Lower Upper

244 100

212 63.2 7.0 10.4#

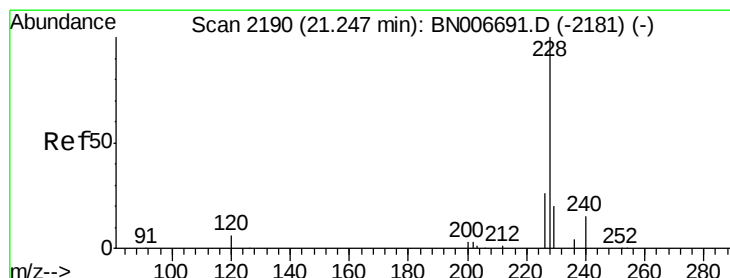
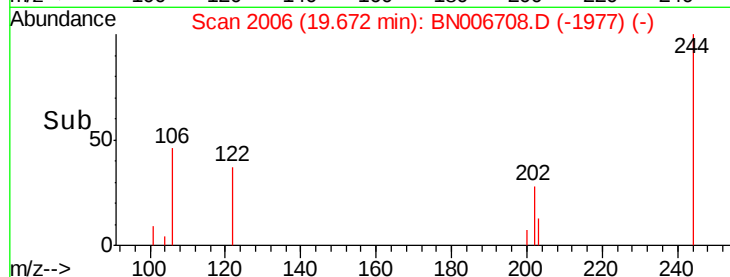
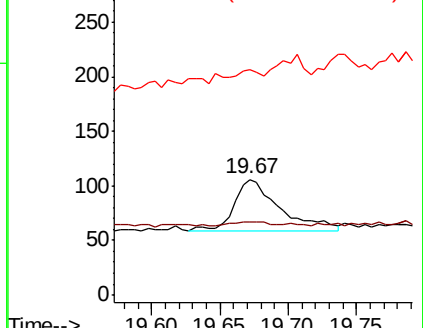
122 195.3 11.5 17.3#



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: 0.003 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

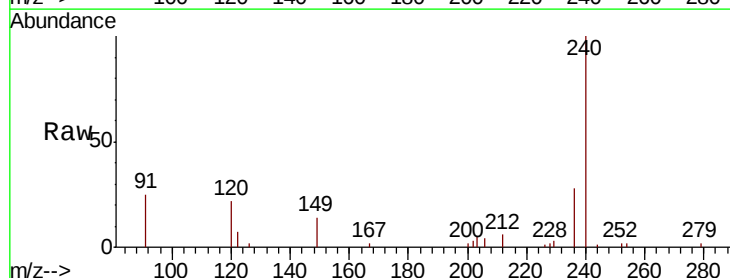
Tgt Ion:228 Resp: 146

Ion Ratio Lower Upper

228 100

226 62.0 21.5 32.3#

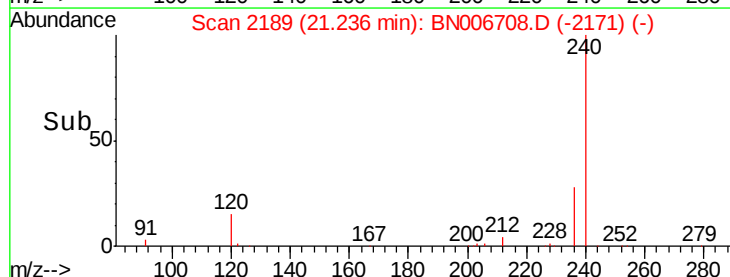
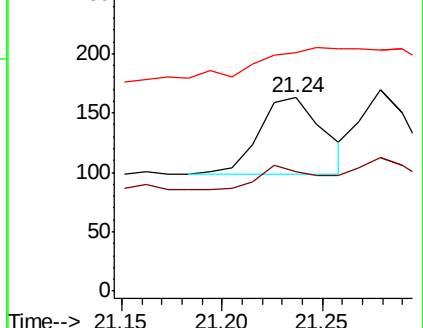
229 123.3 16.2 24.4#



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: 0.002 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

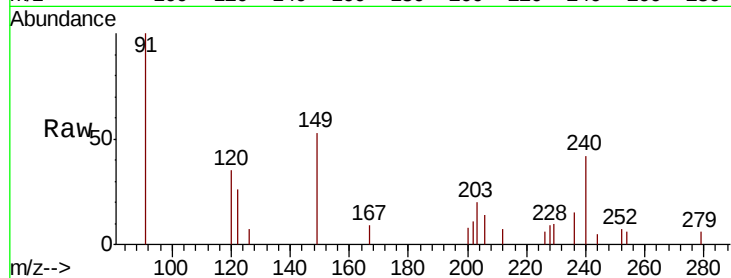
Tgt Ion:228 Resp: 99

Ion Ratio Lower Upper

228 100

226 65.9 24.2 36.2#

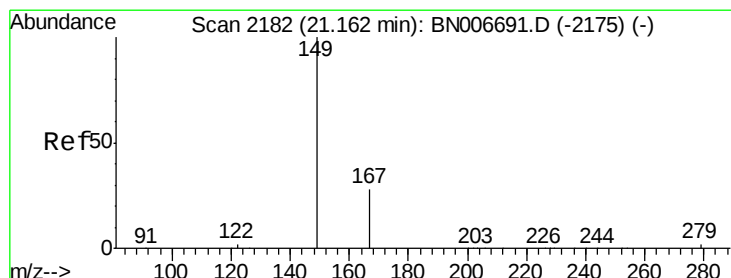
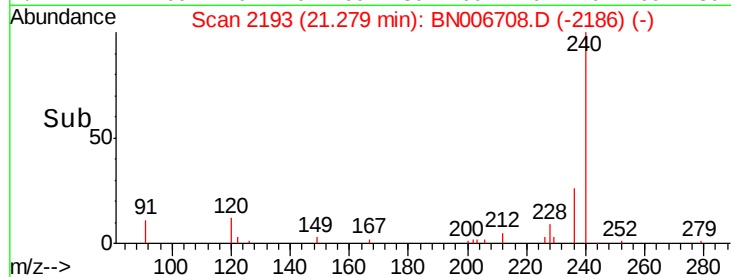
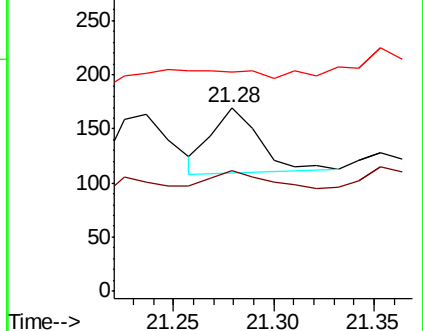
229 119.4 15.8 23.6#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.003 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

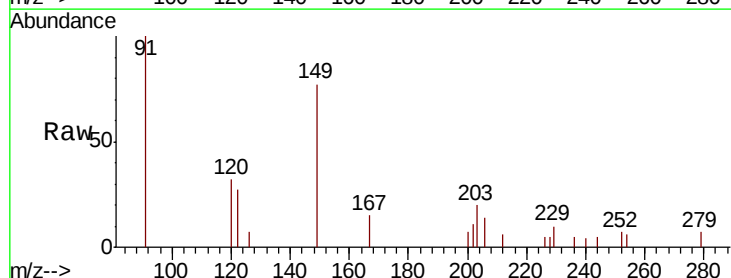
Tgt Ion:149 Resp: 443

Ion Ratio Lower Upper

149 100

167 31.2 22.9 34.3

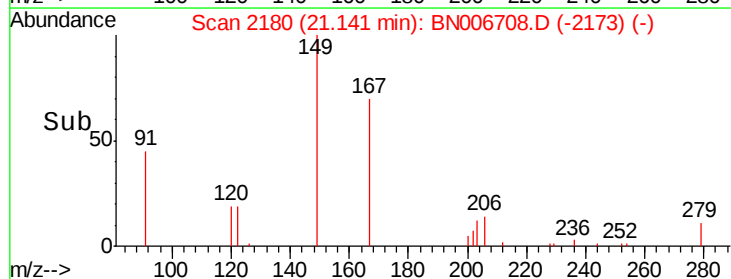
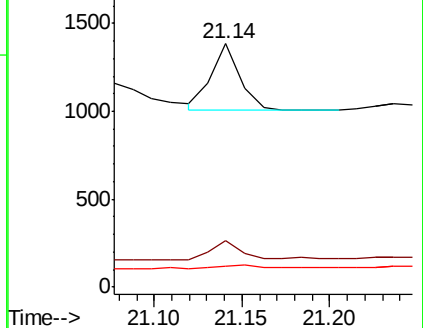
279 12.0 3.2 4.8#



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: 0.002 ng

RT: 25.74 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

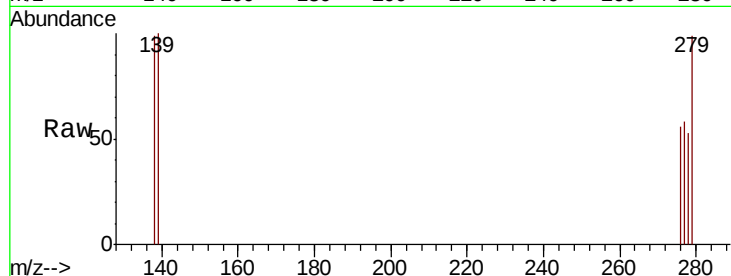
Tgt Ion:276 Resp: 157

Ion Ratio Lower Upper

276 100

138 0.0 19.5 29.3#

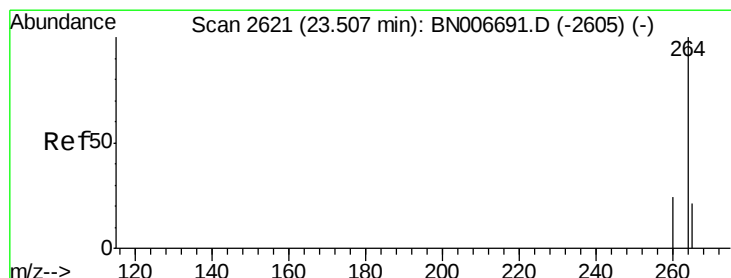
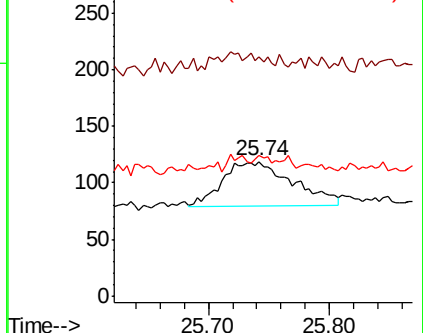
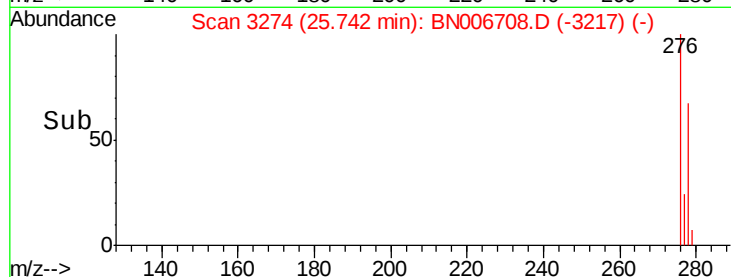
277 3.8 19.7 29.5#



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. -0.04 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

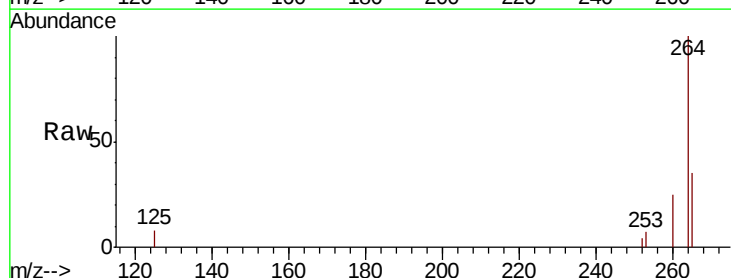
Tgt Ion:264 Resp: 18550

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

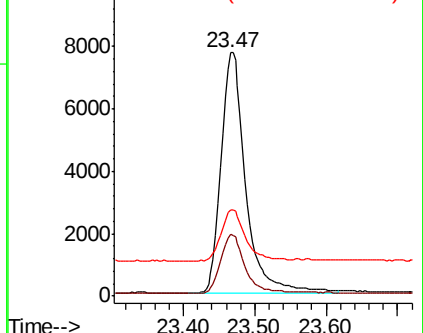
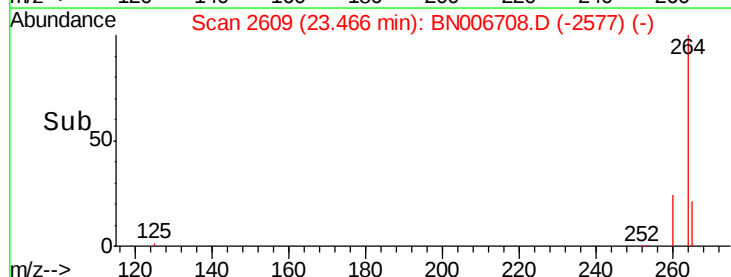
265 35.5 33.7 50.5



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

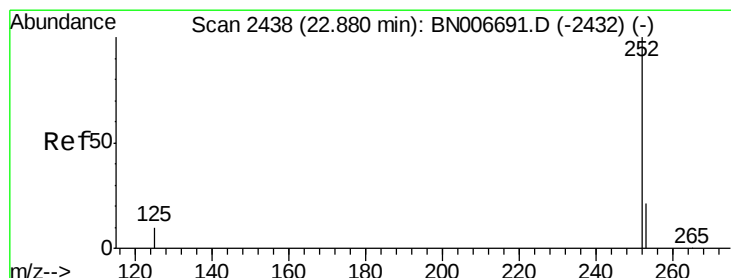
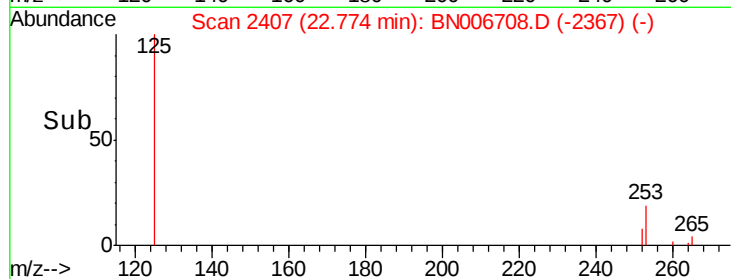
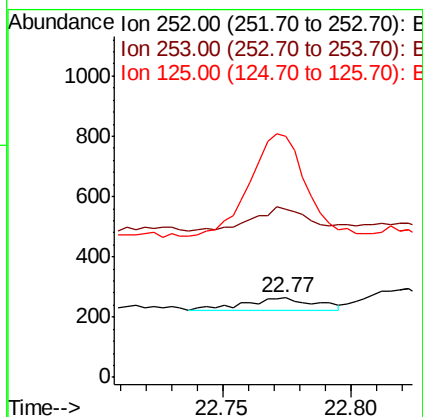
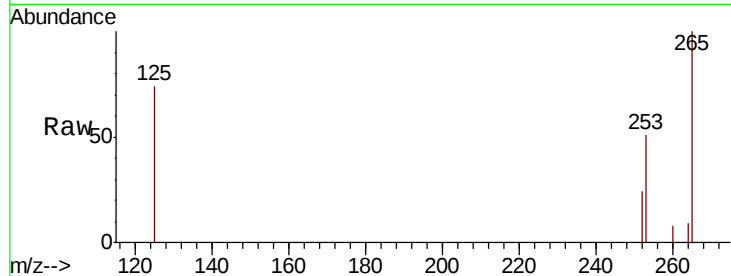




#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.77 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN006708.D
Acq: 05 Jul 2019 10:47

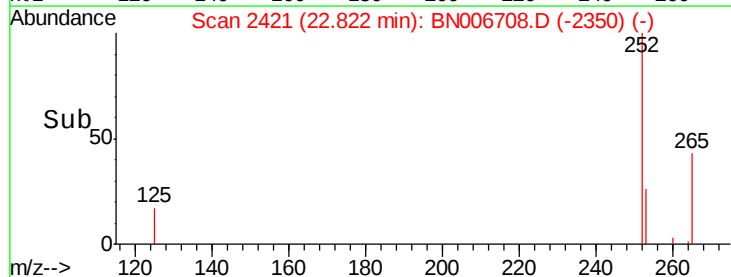
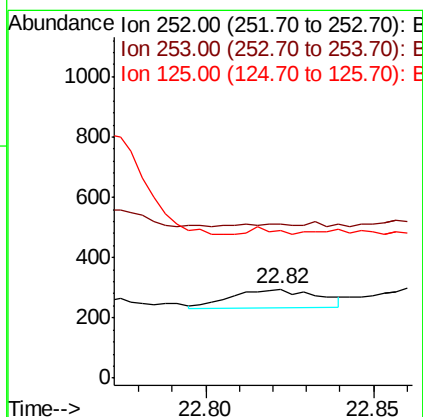
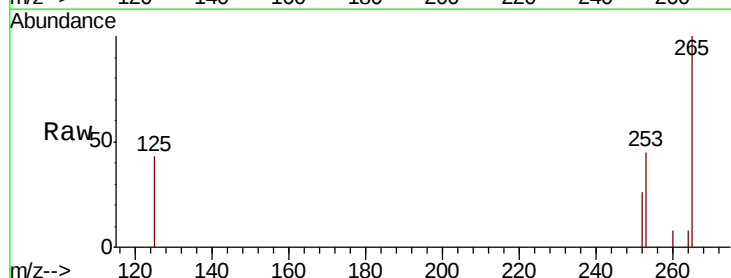
Instrument :
BNA_N
ClientSampleId :
MW-1DL

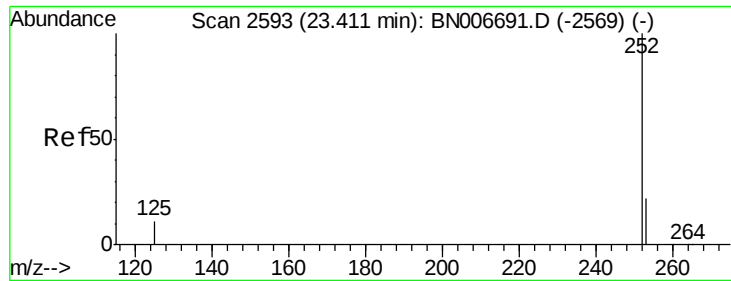
Tgt Ion:252 Resp: 74
Ion Ratio Lower Upper
252 100
253 211.4 20.2 30.2#
125 303.8 11.5 17.3#



#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.82 min Scan# 2421
Delta R.T. -0.06 min
Lab File: BN006708.D
Acq: 05 Jul 2019 10:47

Tgt Ion:252 Resp: 113
Ion Ratio Lower Upper
252 100
253 173.6 20.1 30.1#
125 165.8 11.4 17.0#





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.38 min Scan# 2583

Delta R.T. -0.03 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL

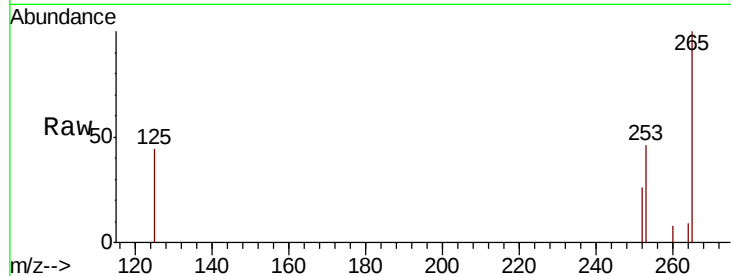
Tgt Ion:252 Resp: 42

Ion Ratio Lower Upper

252 100

253 180.7 21.4 32.2#

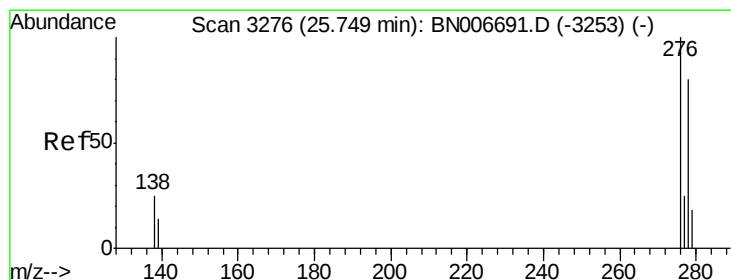
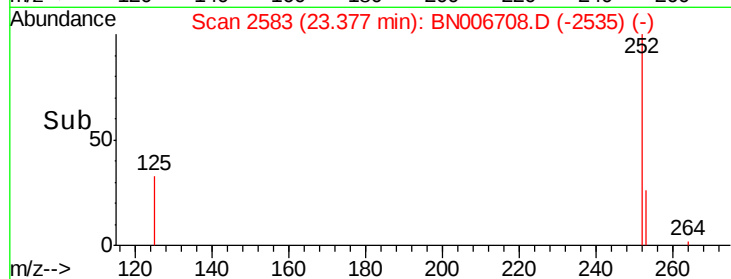
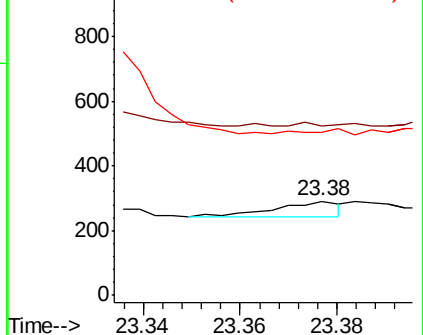
125 174.1 13.3 19.9#



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: 0.002 ng

RT: 25.74 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN006708.D

Acq: 05 Jul 2019 10:47

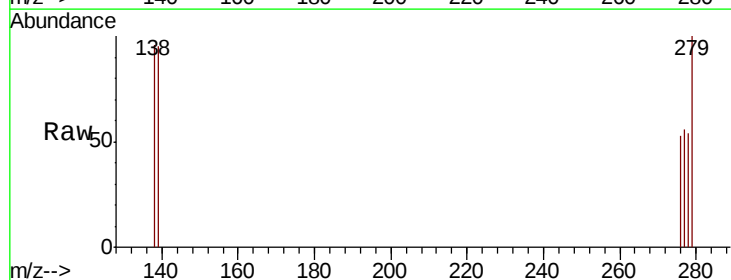
Tgt Ion:278 Resp: 123

Ion Ratio Lower Upper

278 100

139 177.6 16.2 24.4#

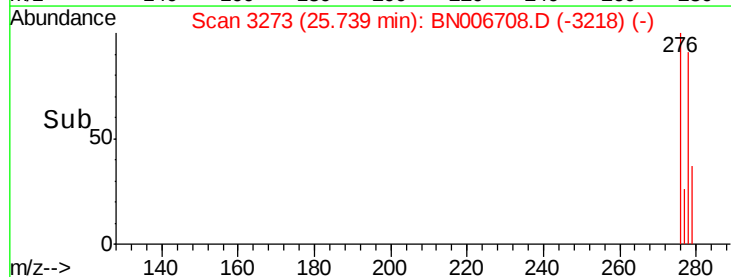
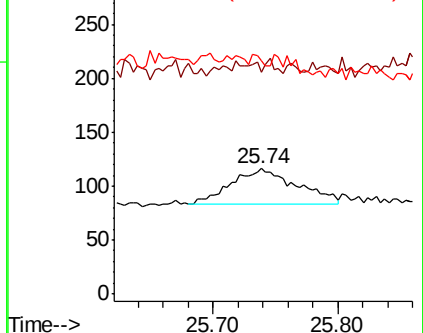
279 186.2 20.7 31.1#

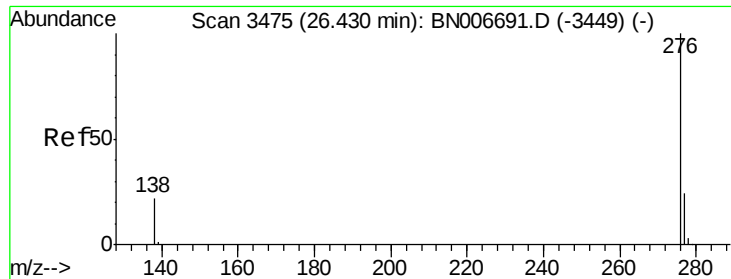


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 26.41 min Scan# 3469

Delta R.T. -0.02 min

Lab File: BN006708.D

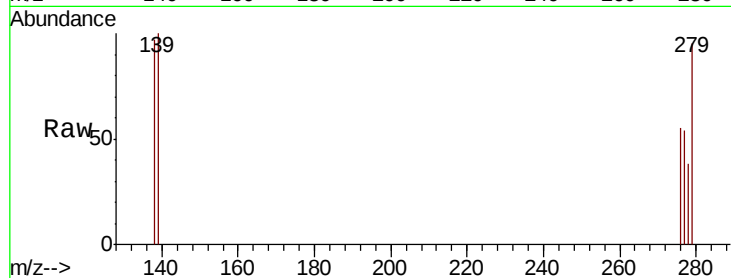
Acq: 05 Jul 2019 10:47

Instrument :

BNA_N

ClientSampleId :

MW-1DL



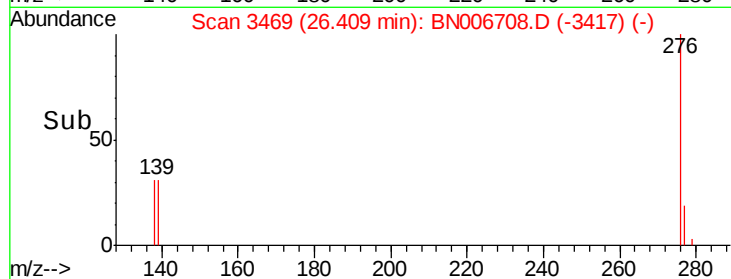
Tgt Ion: 276 Resp: 155

Ion Ratio Lower Upper

276 100

277 98.3 20.6 30.8#

138 176.7 19.7 29.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

300

200

100

0

26.30 26.40

26.41

Time-->