

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115550.D
 Acq On : 15 Jul 2019 7:31
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:33:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.89
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.17
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.93
64) Phenanthrene-d10	11.66	188	507	20.00	ng	0.25
76) Chrysene-d12	0.00	240	0	0.00	ng	-14.05
87) Perylene-d12	15.41	264	451	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	12.98	244	274	0.00	ng	-0.02

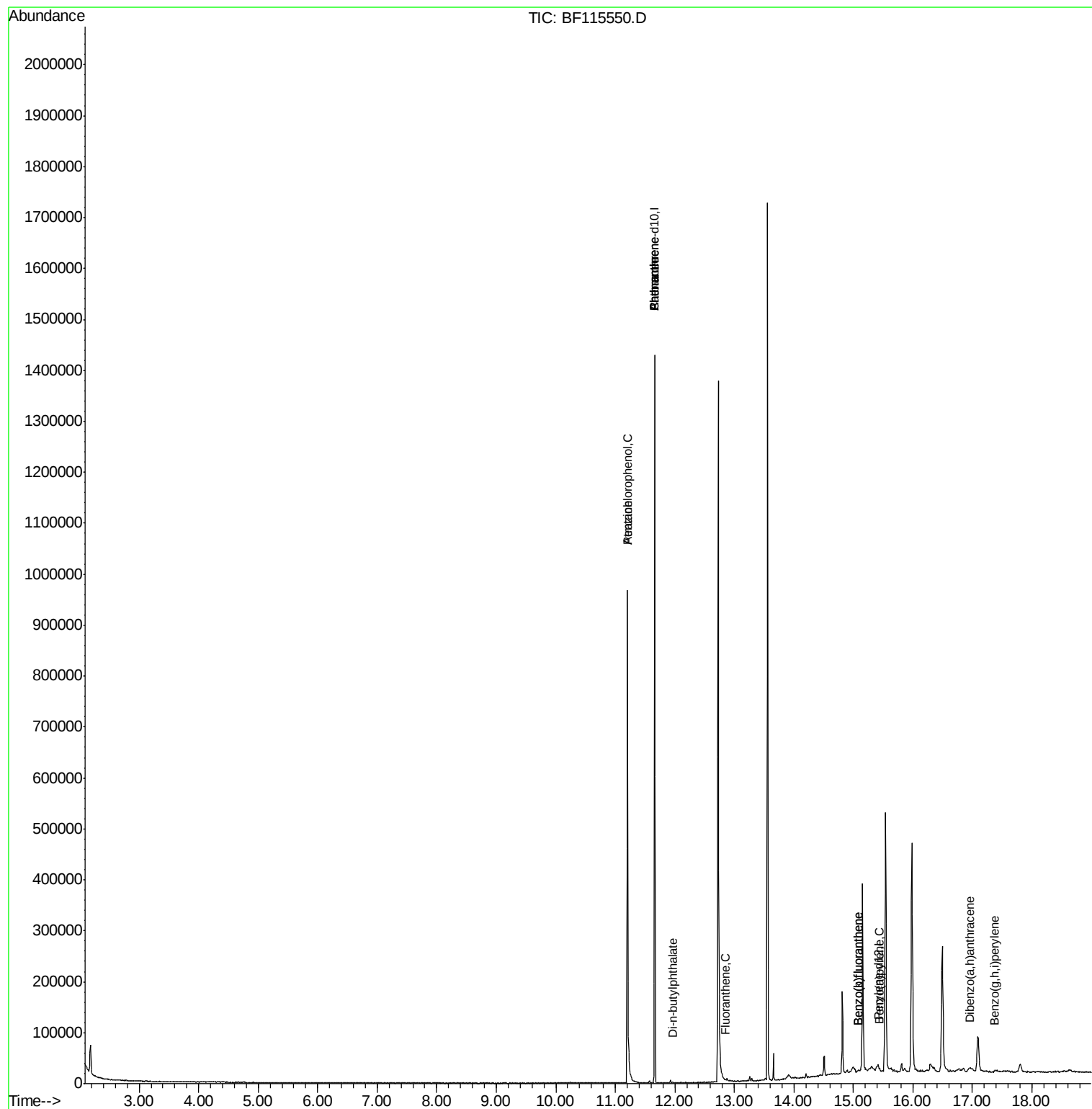
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	11.20	200	22292	4308.674	ng	# 36
70) Pentachlorophenol	11.20	266	129523	32006.123	ng	# 99
71) Phenanthrene	11.66	178	277	10.659	ng	# 1
72) Anthracene	11.66	178	277	10.314	ng	# 1
73) Carbazole	11.66	167	5941	252.246	ng	# 78
74) Di-n-butylphthalate	11.96	149	735	25.335	ng	# 78
75) Fluoranthene	12.85	202	609	22.175	ng	# 63
88) Benzo(b)fluoranthene	15.09	252	4362	150.203	ng	# 89
89) Benzo(k)fluoranthene	15.09	252	4362	168.473	ng	# 88
90) Benzo(a)pyrene	15.44	252	2534	101.522	ng	# 51
91) Dibenzo(a,h)anthracene	16.96	278	3712	169.400	ng	# 93
92) Benzo(a,h,i)perylene	17.38	276	3043	139.243	ng	# 97

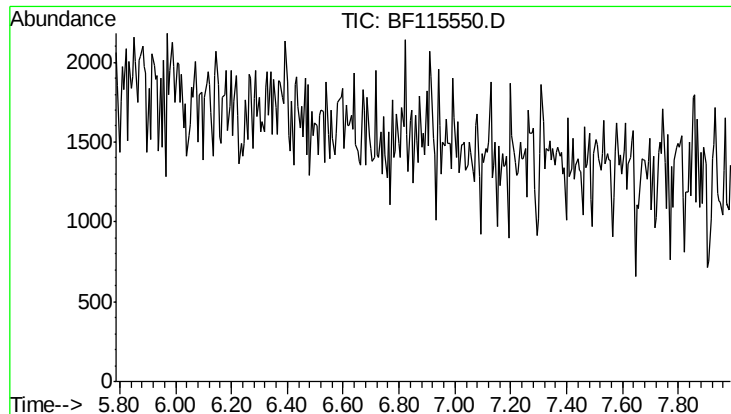
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
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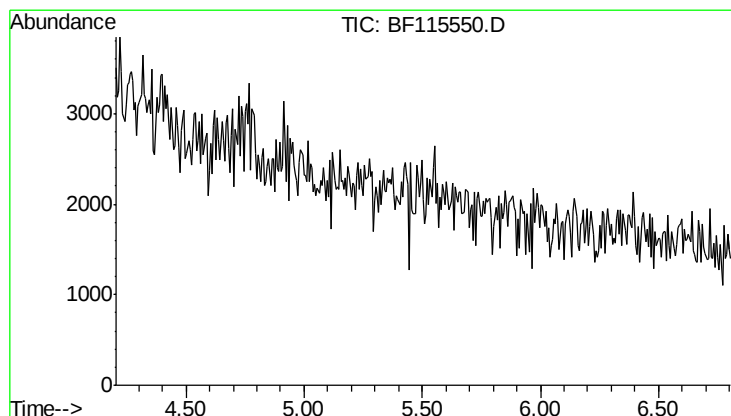
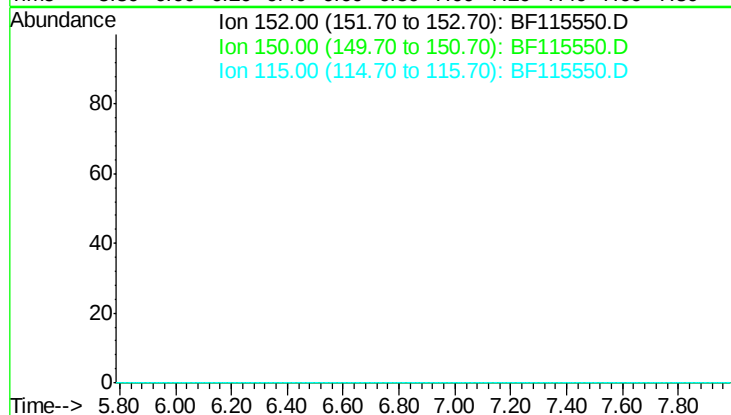




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.89 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

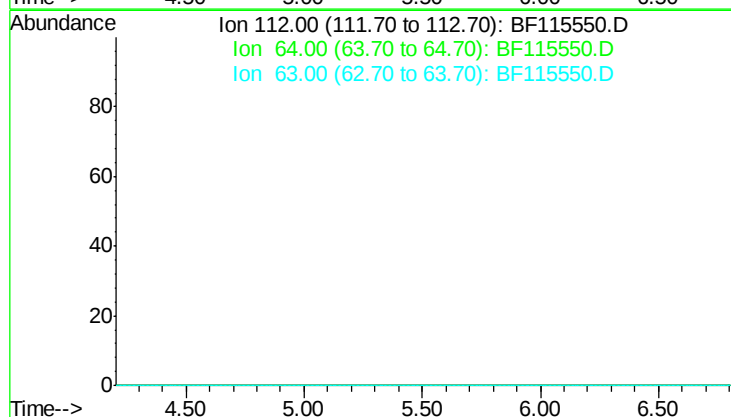
Instrument :
 BNA_F
 ClientSampleId :

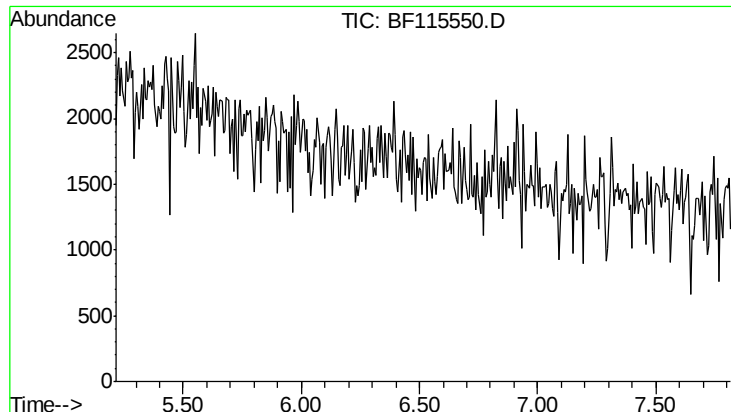
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 162.1
 115 60.3



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.50 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 58.5
 63 30.1





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.52 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

Instrument :

BNA_F

ClientSampleId :

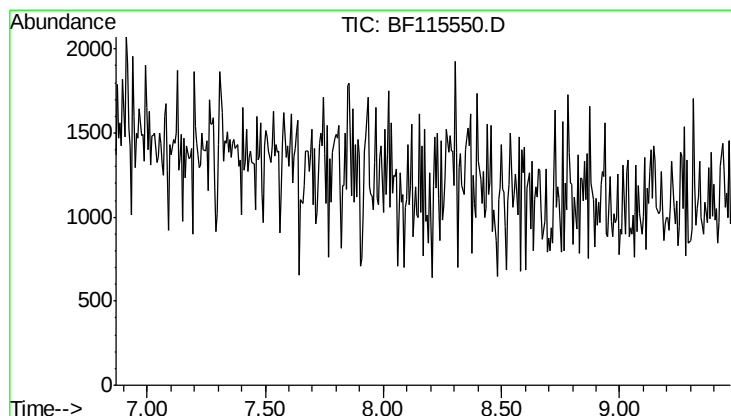
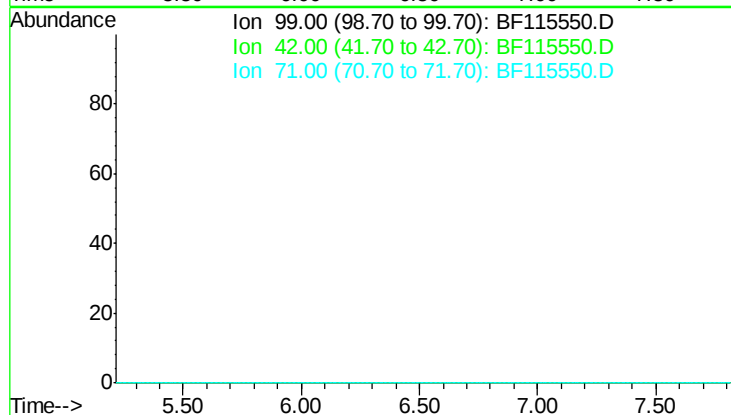
Tot Ion: 99

Sig Exp Ratio

99 100

42 17.0

71 35.6



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.17 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

Tgt Ion: 136

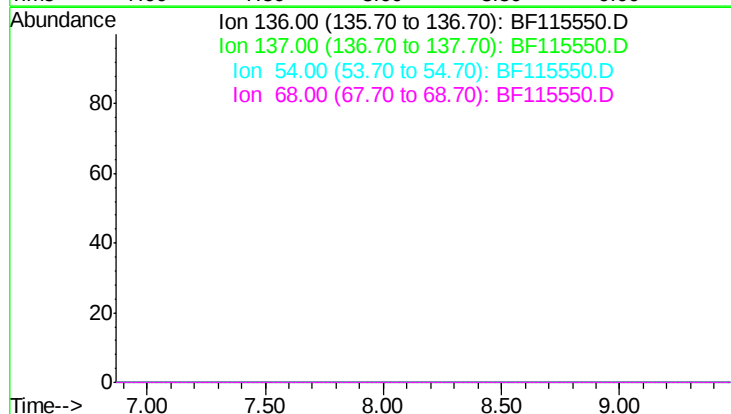
Sig Exp Ratio

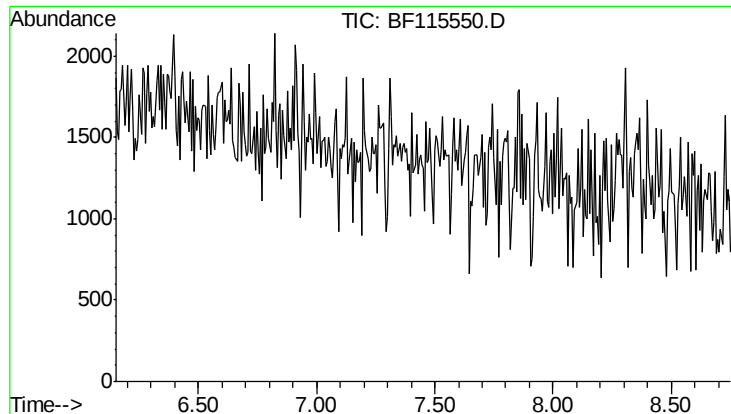
136 100

137 11.2

54 7.0

68 6.3

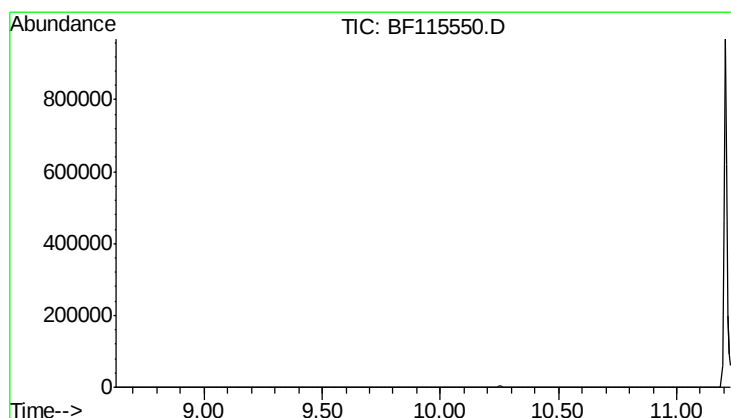
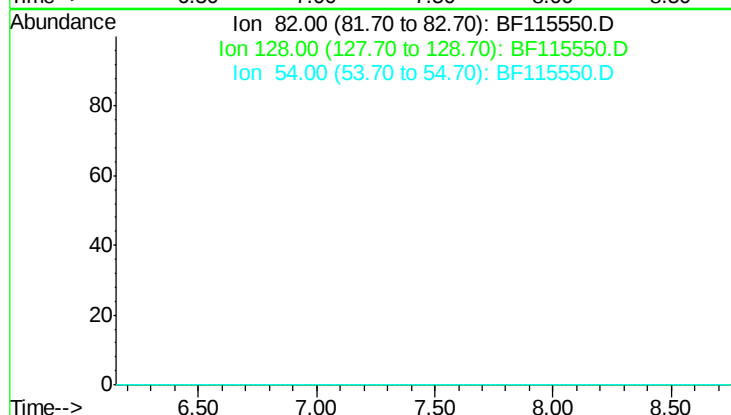




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.45 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

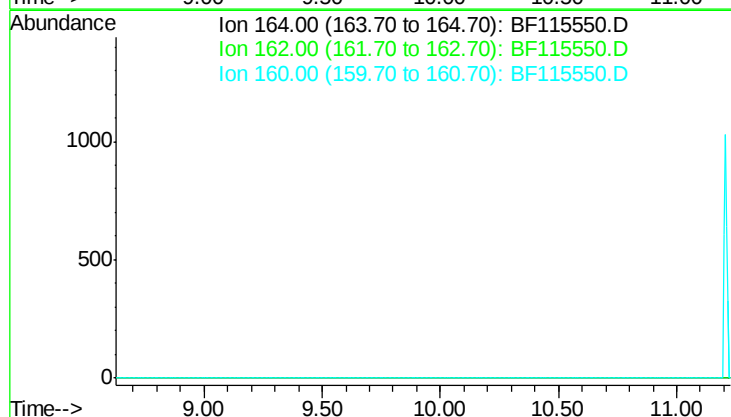
Instrument :
 BNA_F
 ClientSampleId :

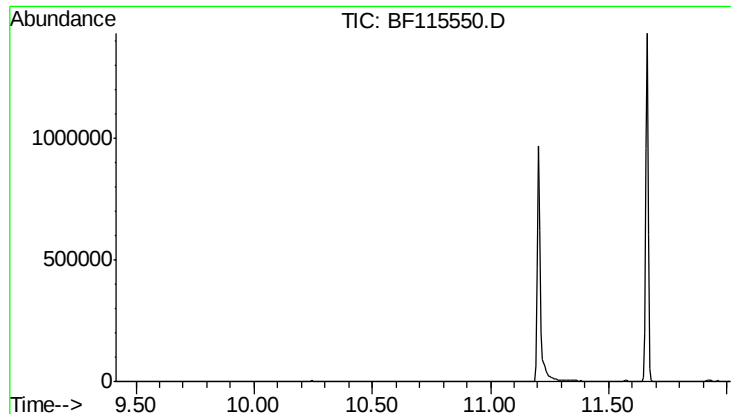
Tot Ion	82
Sig	Exp Ratio
82	100
128	48.2
54	44.5



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.93 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

Tgt Ion	164
Sig	Exp Ratio
164	100
162	103.6
160	46.0

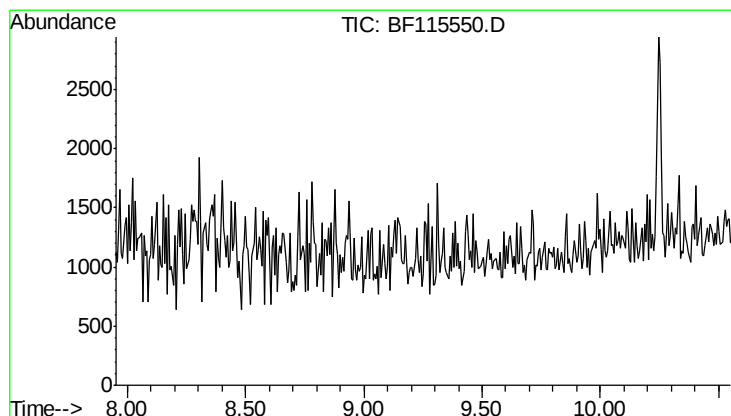
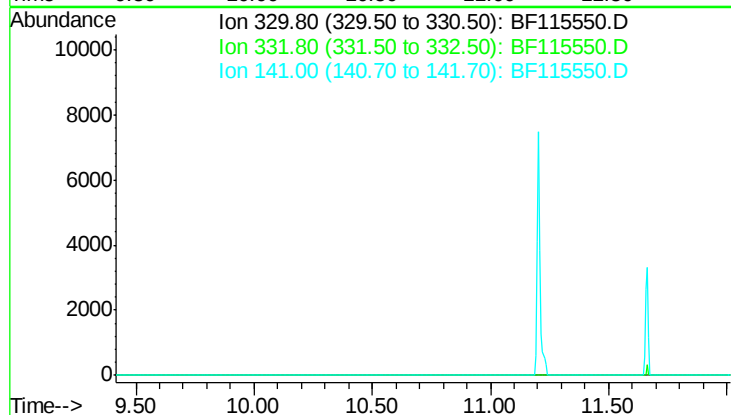




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.72 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

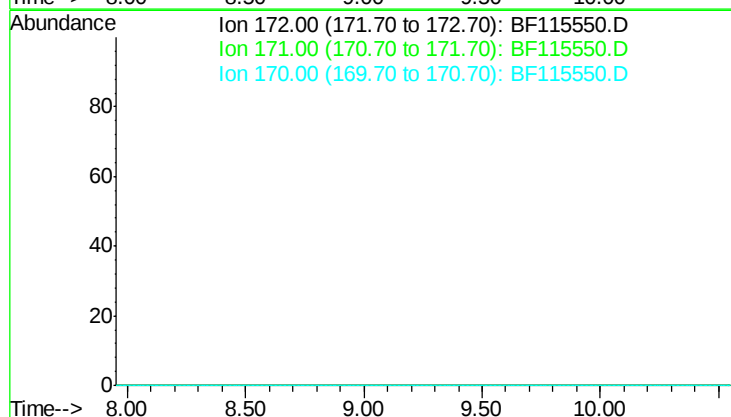
Instrument :
 BNA_F
 ClientSampleId :

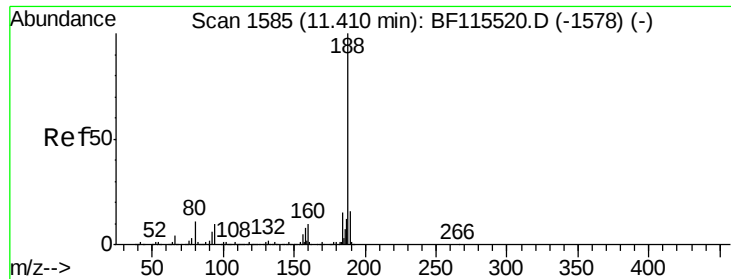
Tot Ion	330	332	141
Sig	100	96.8	28.0
Exp Ratio			



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.25 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

Tgt Ion	172	171	170
Sig	100	38.3	25.6
Exp Ratio			





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.25 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

Instrument :

BNA_F

ClientSampleId :

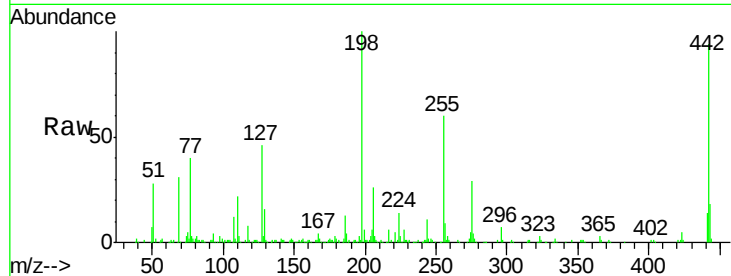
Tot Ion:188 Resp: 507

Ion Ratio Lower Upper

188 100

94 70.4 7.8 11.6#

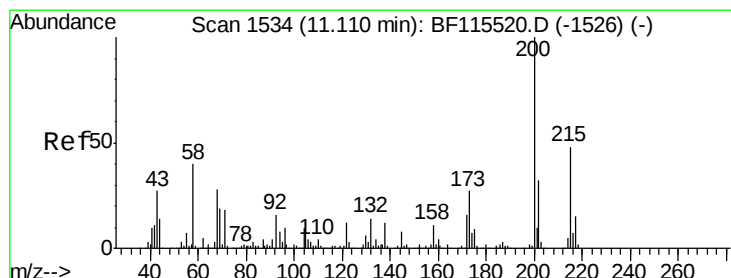
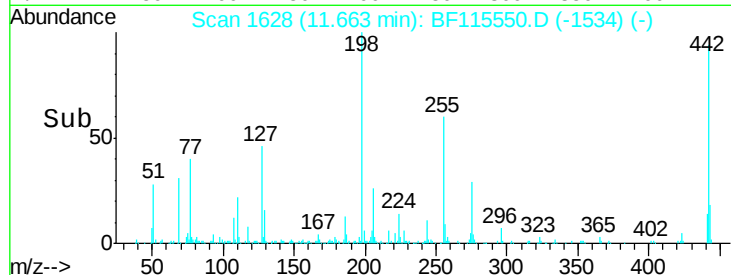
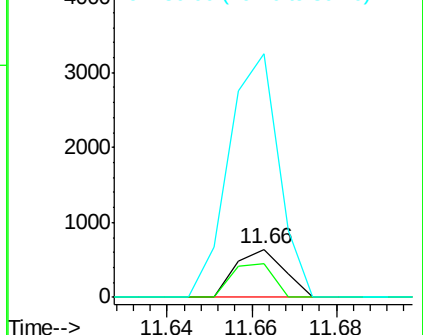
80 503.7 8.6 13.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#69

Atrazine

Concen: 4308.674 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.09 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

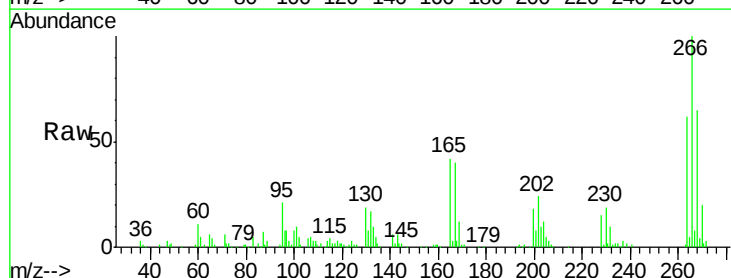
Tgt Ion:200 Resp: 22292

Ion Ratio Lower Upper

200 100

173 0.0 6.9 46.9#

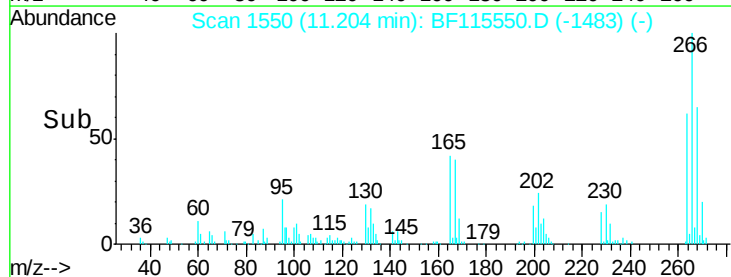
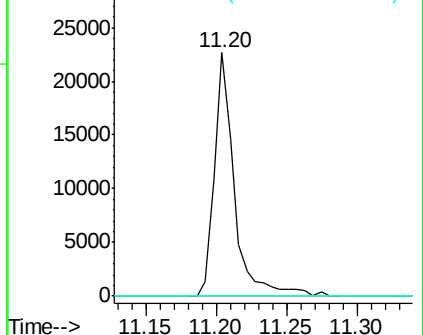
215 0.0 27.9 67.9#

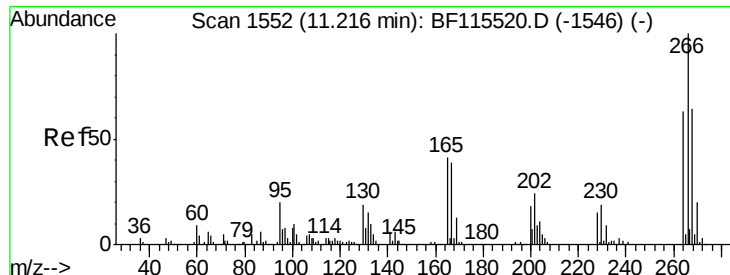


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

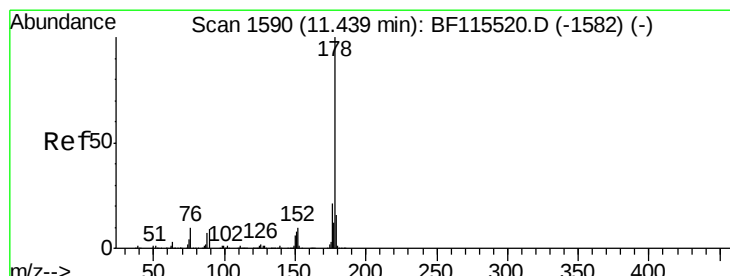
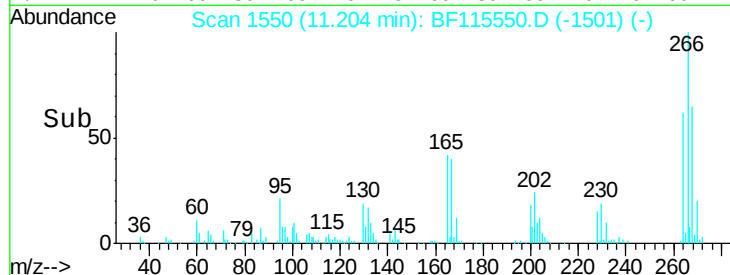
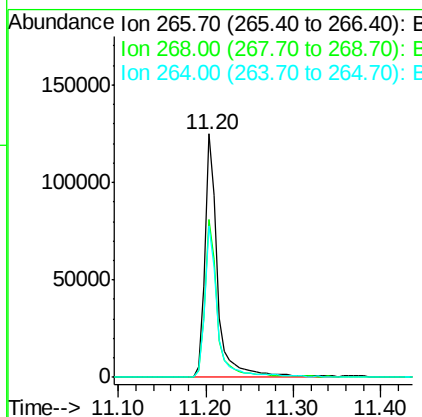
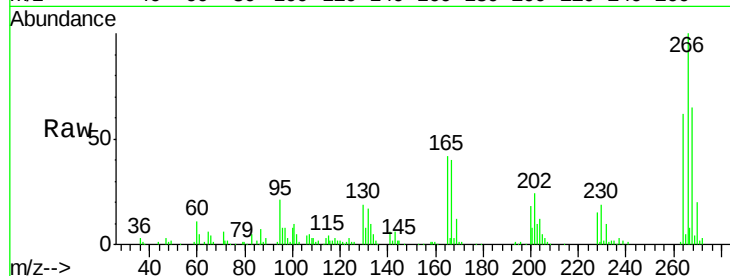




#70
 Pentachlorophenol
 Concen: 32006.123 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

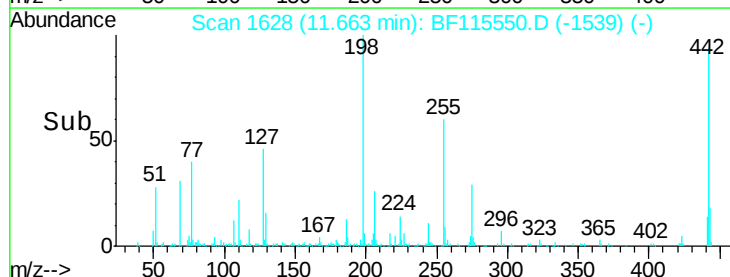
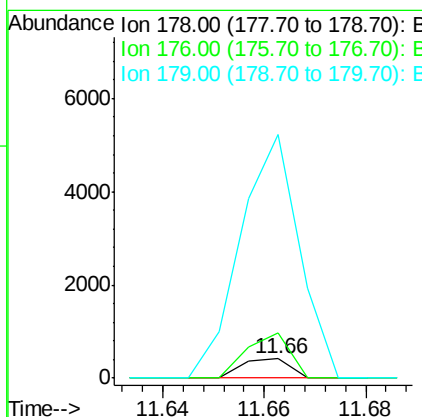
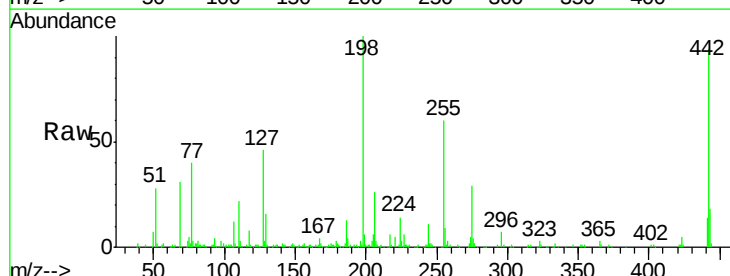
Instrument :
 BNA_F
 ClientSampleId :

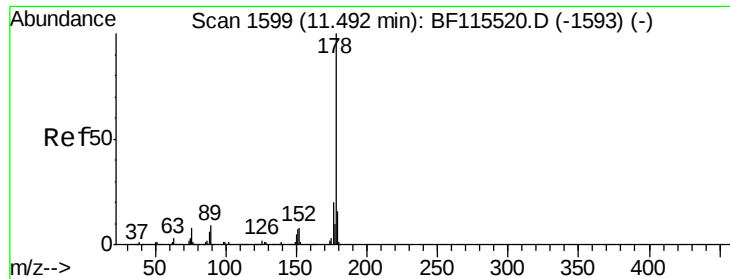
Tot Ion:266 Resp: 129523
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.6 77.4
 264 62.0 50.6 76.0



#71
 Phenanthrene
 Concen: 10.659 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. 0.22 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

Tgt Ion:178 Resp: 277
 Ion Ratio Lower Upper
 178 100
 176 232.1 17.2 25.8#
 179 1262.1 13.5 20.3#





#72

Anthracene

Concen: 10.314 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.17 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

Instrument :

BNA_F

ClientSampleId :

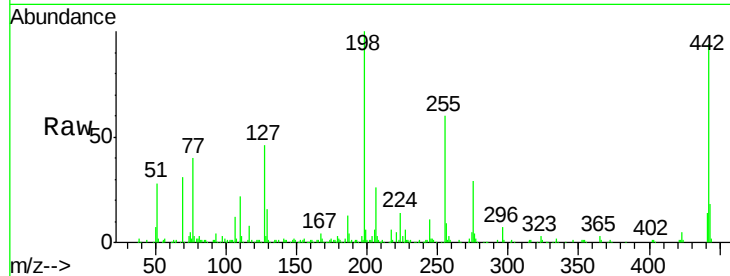
Tot Ion:178 Resp: 277

Ion Ratio Lower Upper

178 100

176 232.1 15.9 23.9#

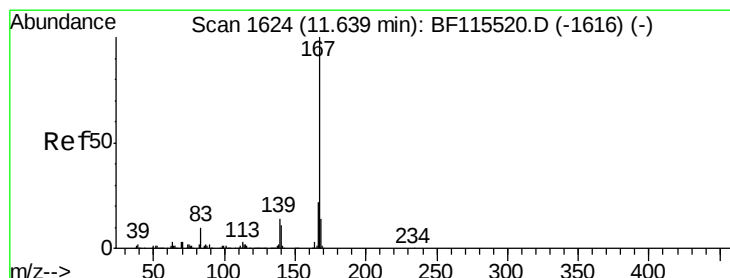
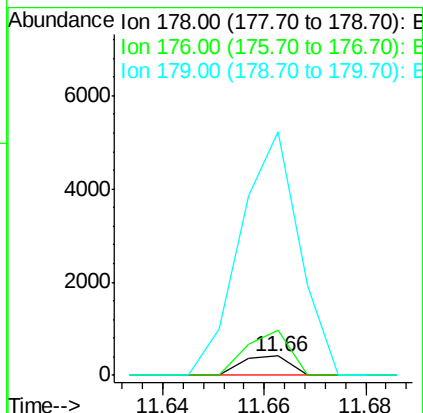
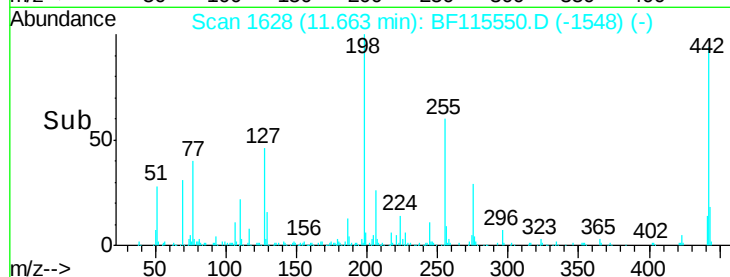
179 1262.1 12.7 19.1#



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



#73

Carbazole

Concen: 252.246 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

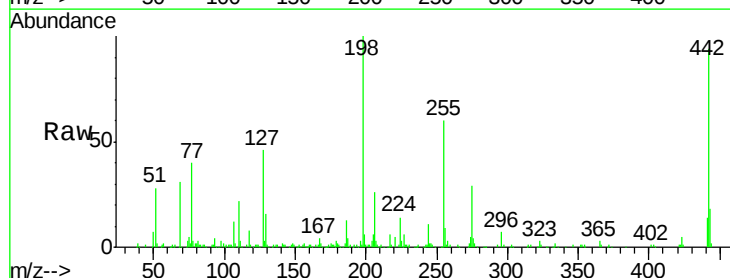
Tgt Ion:167 Resp: 5941

Ion Ratio Lower Upper

167 100

166 16.0 18.1 27.1#

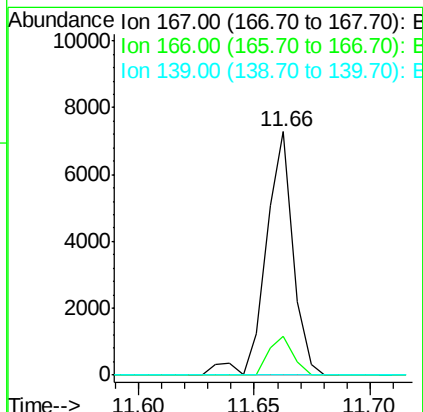
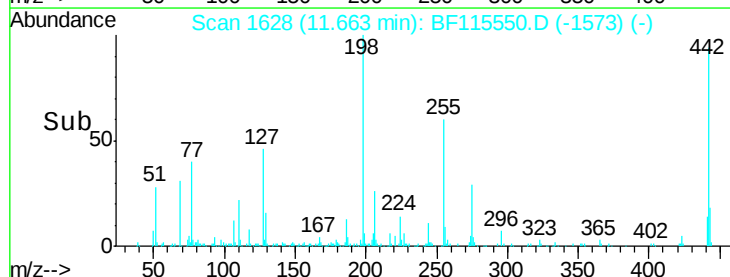
139 0.0 11.3 16.9#

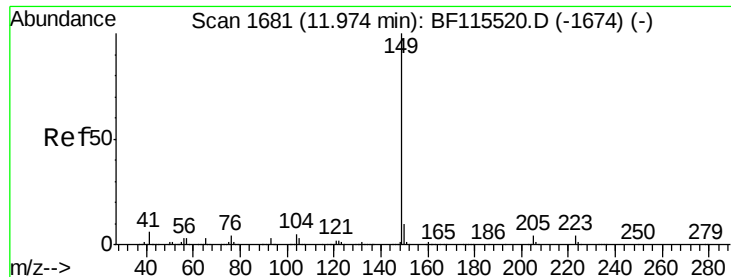


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 25.335 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

Instrument :

BNA_F

ClientSampled :

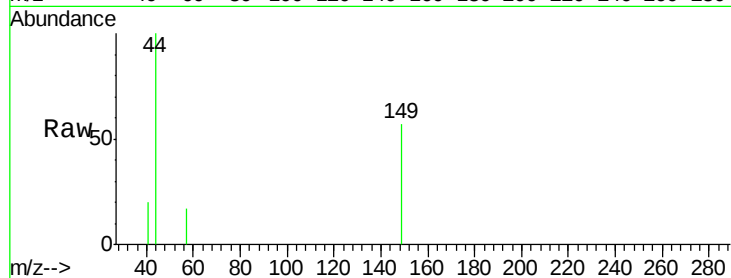
Tot Ion:149 Resp: 735

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

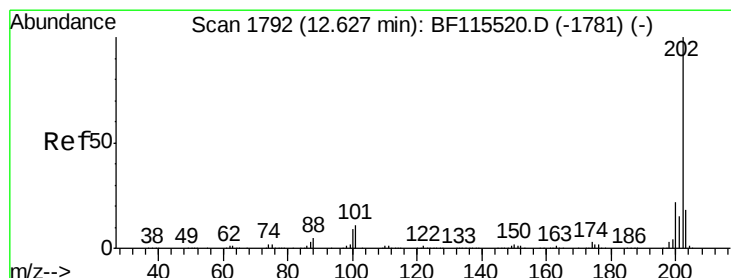
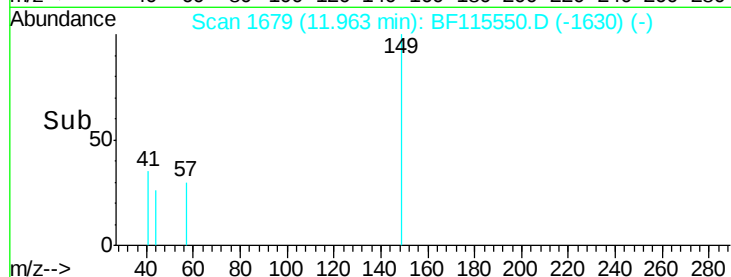
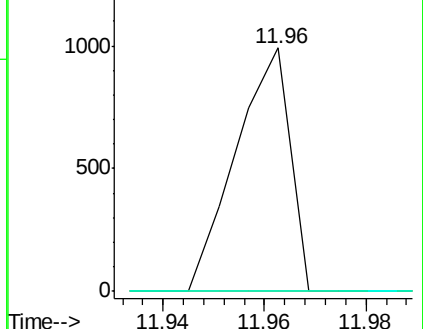
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 22.175 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.22 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

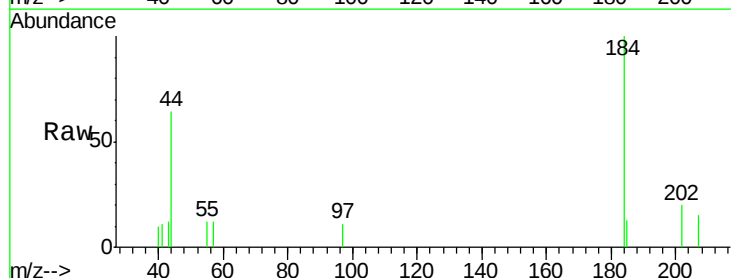
Tgt Ion:202 Resp: 609

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.4

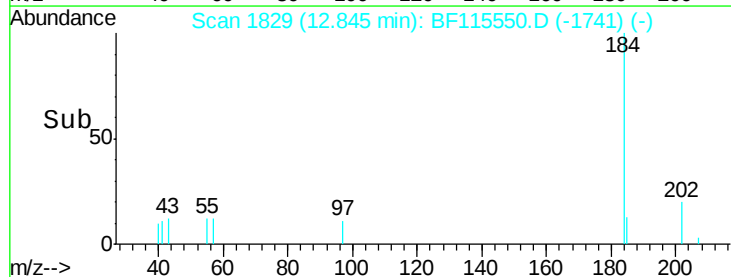
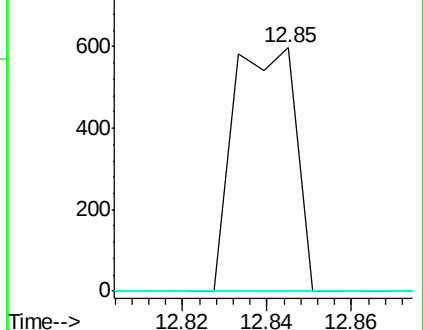
203 0.0 0.0 38.1

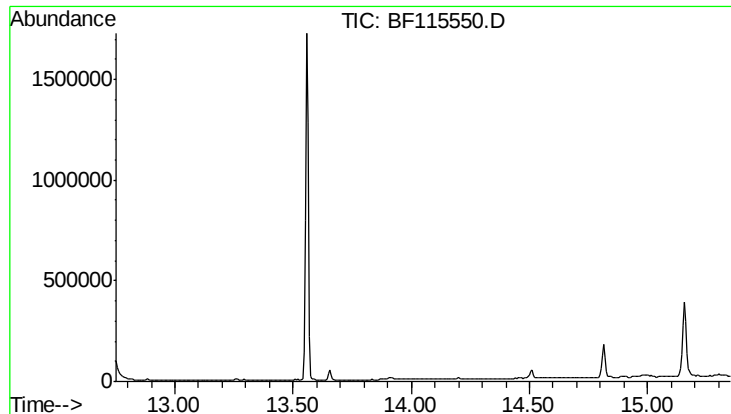


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

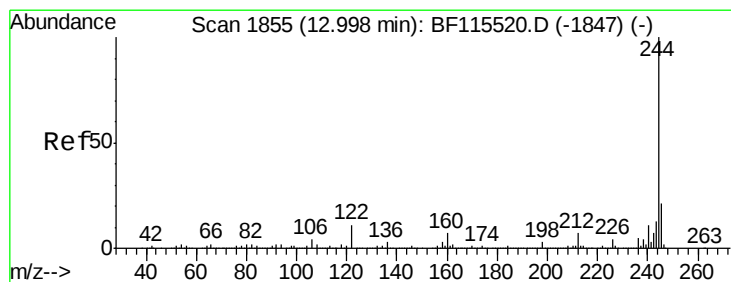
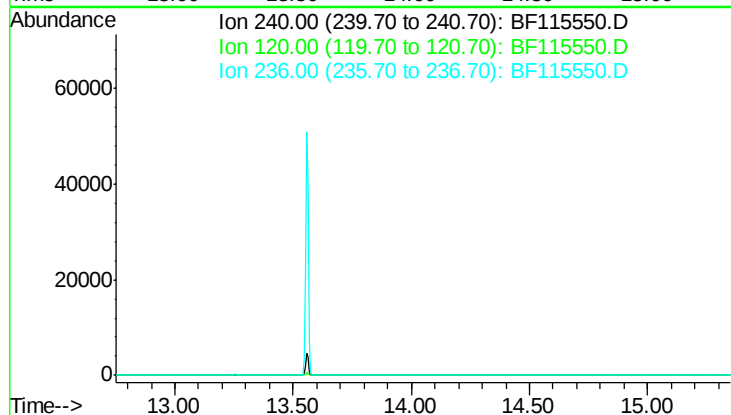




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 14.05 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

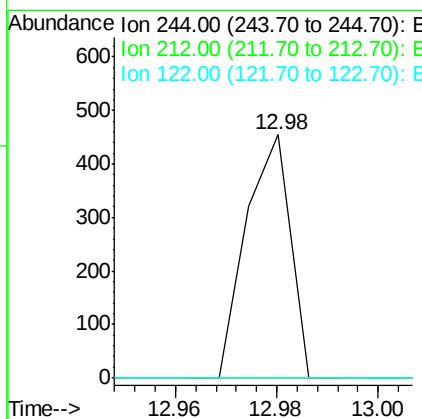
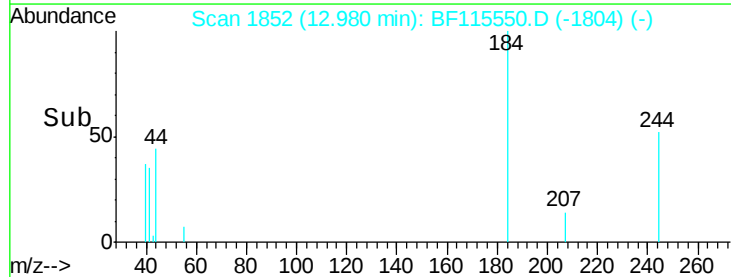
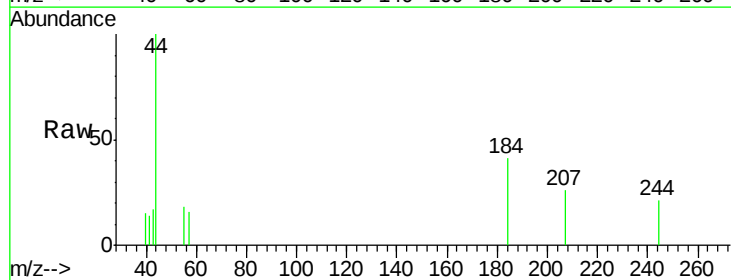
Instrument :
 BNA_F
 ClientSampleId :

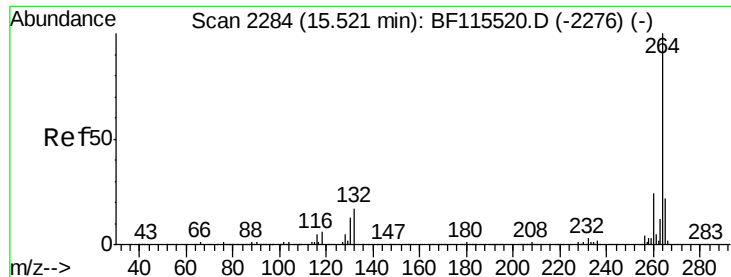
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 10.8
 236 26.6



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115550.D
 Acq: 15 Jul 2019 7:31

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	0.0	6.0	9.0#	
122	0.0	8.6	12.8#	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.11 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

Instrument :

BNA_F

ClientSampled :

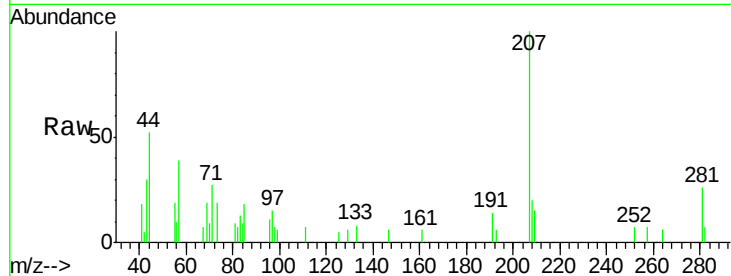
Tot Ion:264 Resp: 451

Ion Ratio Lower Upper

264 100

260 0.0 19.8 29.8#

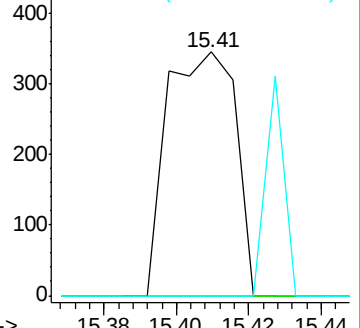
265 0.0 17.7 26.5#



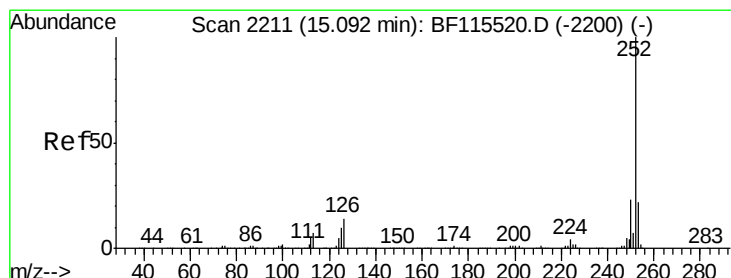
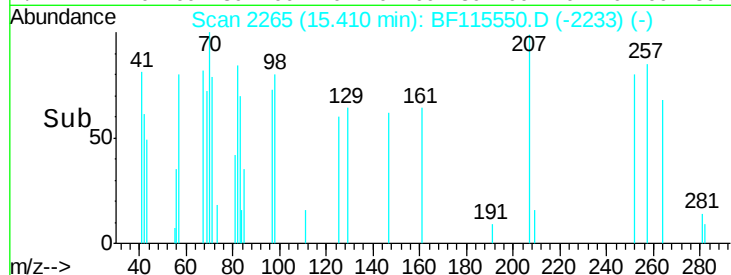
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 150.203 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115550.D

Acq: 15 Jul 2019 7:31

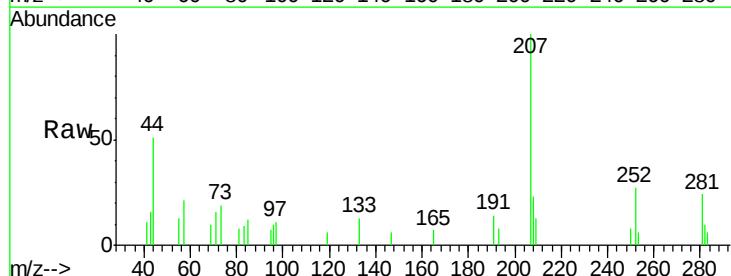
Tgt Ion:252 Resp: 4362

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

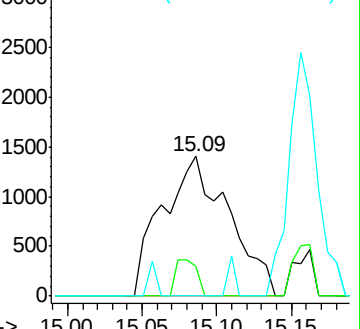
125 0.0 9.0 13.4#



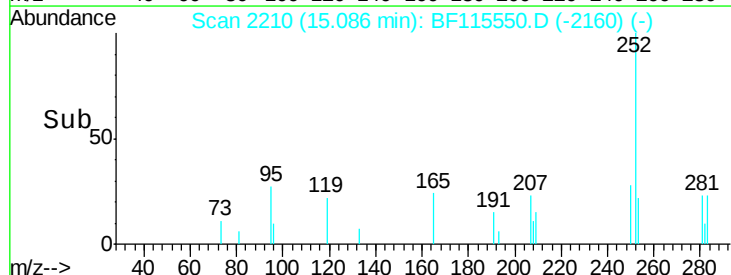
Abundance Ion 252.00 (251.70 to 252.70): E

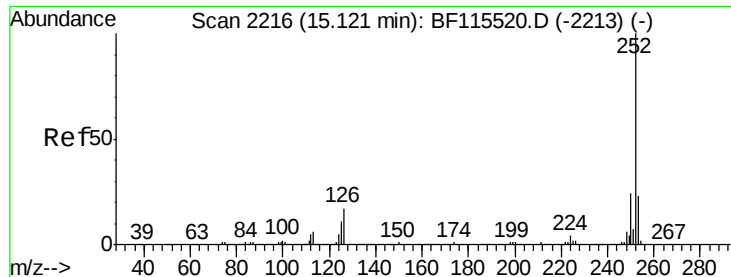
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

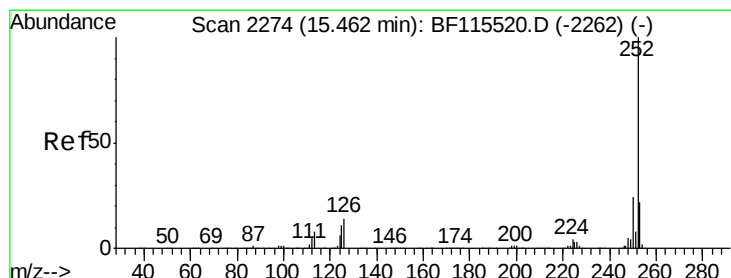
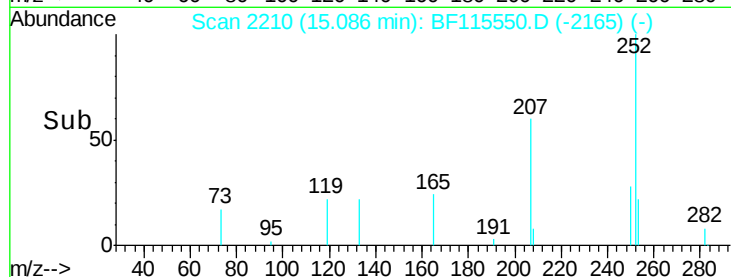
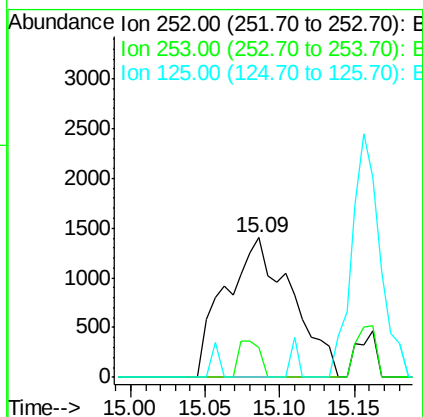
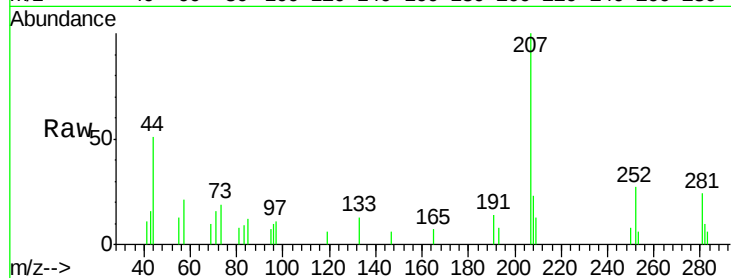




#89
Benzo(k)fluoranthene
Concen: 168.473 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF115550.D
Acq: 15 Jul 2019 7:31

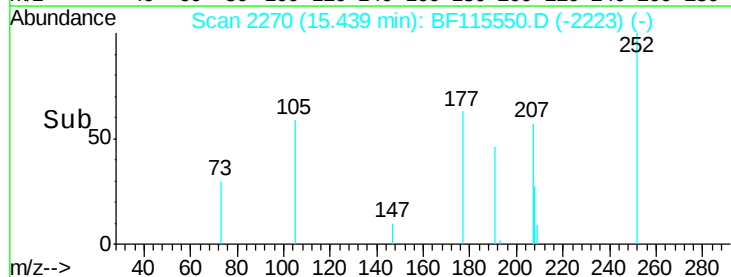
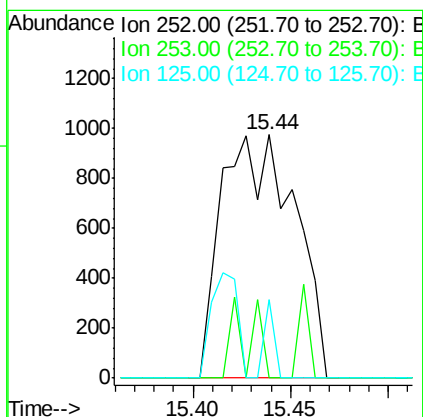
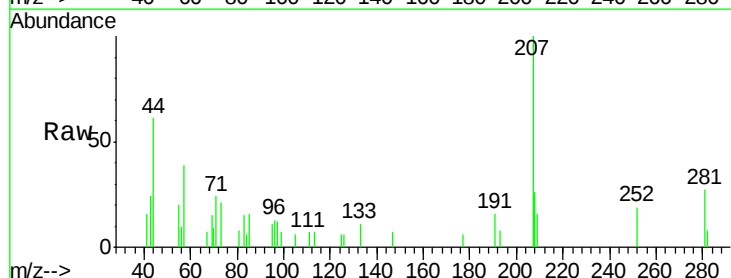
Instrument :
BNA_F
ClientSampled :

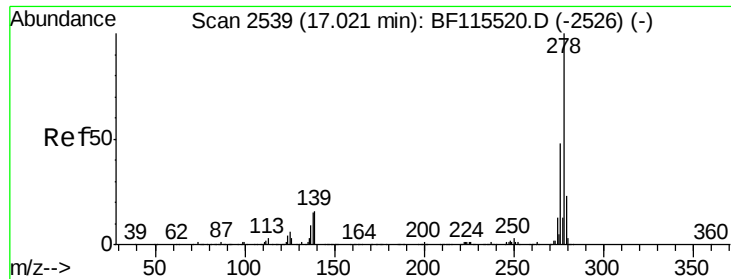
Tot Ion:252 Resp: 4362
Ion Ratio Lower Upper
252 100
253 21.8 18.6 28.0
125 0.0 9.0 13.6#



#90
Benzo(a)pyrene
Concen: 101.522 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115550.D
Acq: 15 Jul 2019 7:31

Tgt Ion:252 Resp: 2534
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.6#
125 32.5 9.1 13.7#



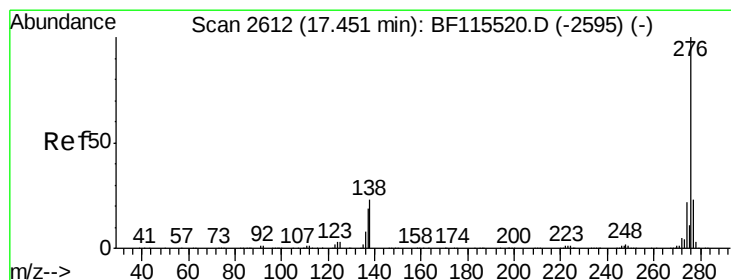
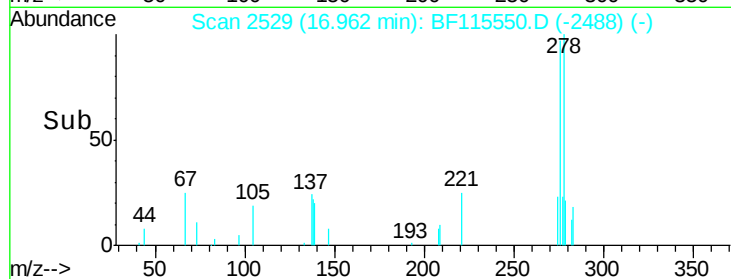
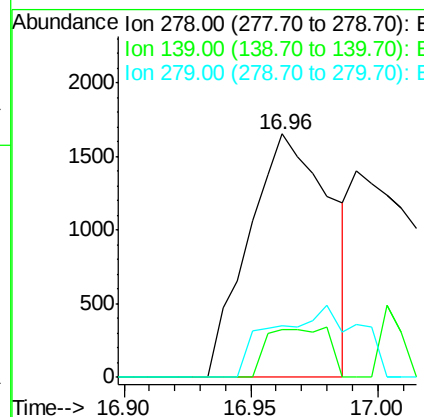
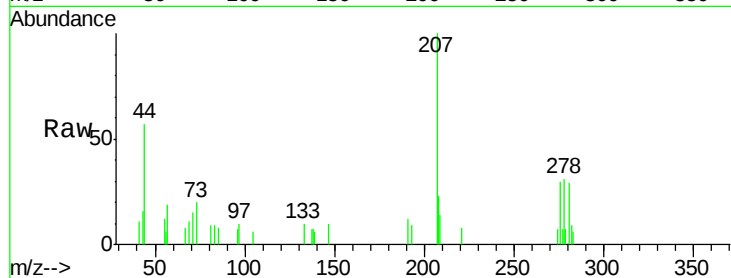


#91
Dibenzo(a,h)anthracene
Concen: 169.400 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.06 min
Lab File: BF115550.D
Acq: 15 Jul 2019 7:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 3712

Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.1	19.7#
279	21.3	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 139.243 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.07 min
Lab File: BF115550.D
Acq: 15 Jul 2019 7:31

Tgt Ion:276 Resp: 3043

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	24.4	17.2	25.8

